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Sacramento, California 95818

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Alameda County
Environmental Health

September 30, 2009

Jerry Wickham
Alameda County Health Agency
1131 Harbor Bay parkway, Suite250
Alameda, California 94502-577

Re: **Site Conceptual Model (SCM)**
76 Service Station # 7376 RO # 0361
4191 First Street
Pleasanton, CA

Dear Mr. Wickham:

I declare under penalty of perjury that to the best of my knowledge the information and/or recommendations contained in the attached report is/are true and correct.

If you have any questions or need additional information, please call me at (916) 558-7666.

Sincerely,

A handwritten signature in black ink, appearing to read "Terry L. Grayson", enclosed within a large, loopy oval scribble.

Terry L. Grayson
Site Manager
Risk Management & Remediation

SITE CONCEPTUAL MODEL
76 SERVICE STATION NO. 7376
4191 FIRST STREET
PLEASANTON, CALIFORNIA

Prepared for:

ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

Prepared by:



Delta Consultants
312 Piercy Road
San Jose, California 95138

September 30, 2009

CERTIFICATION

The following report was prepared under the supervision and direction of the undersigned California Professional Geologist.

DELTA CONSULTANTS



Lia Holden
California Professional Geologist #8584



TABLE OF CONTENTS

CERTIFICATION	II
1.0 INTRODUCTION	1
2.0 SITE LOCATION AND DESCRIPTION	2
2.1 SITE LOCATION	2
2.2 SITE DESCRIPTION.....	2
2.3 SITE OWNER.....	2
3.0 SITE SETTING	3
3.1 REGIONAL GEOLOGIC SETTING	3
3.2 REGIONAL HYDROGEOLOGIC SETTING.....	3
3.3 SITE HYDROGEOLOGIC CONDITIONS	3
4.0 NATURE AND EXTENT OF SOURCE	5
4.1 FORMER USTs	5
4.2 RELEASE REPORTS 1984-1987.....	5
4.3 MONITORING WELLS AND SOIL BORINGS	6
4.4 POTENTIAL OFFSITE SOURCES	9
4.5 RESIDUAL SOILS AS ON-GOING SOURCE.....	10
4.6 SUMMARY	10
5.0 FATE AND TRANSPORT CHARACTERISTICS	12
5.1 UNDERGROUND UTILITY CONDUITS	12
5.2 SOIL MIGRATION PATHWAYS.....	12
5.3 HYDROGEOLOGIC PATHWAYS	12
5.4 CONTAMINANT MIGRATION MODEL	13
5.5 CONCENTRATION TRENDS.....	14
6.0 SITE REMEDIATION.....	15
7.0 POTENTIAL SENSITIVE RECEPTORS	16
7.1 ENVIRONMENTAL SCREENING LEVELS.....	16
7.2 INDOOR AIR INHALATION - SOIL	17
7.3 NEARBY WATER SUPPLY WELLS	17
8.0 SUMMARY.....	18

9.0 RECOMMENDATIONS	19
9.1 SITE ASSESSMENT	19
9.2 OFF-SITE ASSESSMENT.....	19
9.3 FEASIBILITY TESTING.....	20
9.4 CORRECTIVE ACTION PLAN	20
 10.0 REMARKS	 20
 11.0 REFERENCES	 21

LIST OF TABLES

- Table 1 – Monitoring Well Construction Details
- Table 2 – Groundwater Gradients and Flow Directions

LIST OF FIGURES

- Figure 1 – Site Location Map
- Figure 2 – Site Plan
- Figure 3 – Regional Geologic Map
- Figure 4A- Cross-Section A-A
- Figure 4B- Cross-Section A-A; Soil Analytical Data
- Figure 4C- Cross-Section A-A; Groundwater Analytical Data
- Figure 5A- Cross-Section B-B
- Figure 5B- Cross-Section B-B; Soil Analytical Data
- Figure 5C- Cross-Section B-B; Groundwater Analytical Data
- Figure 5 – Groundwater Flow Rose Diagram

LIST OF TABLES

- Table 1 – Monitoring Well Construction Details
- Table 2 – Groundwater Gradients and Flow Directions

LIST OF APPENDICES

- Appendix A – Historic Site Maps
- Appendix B – Historic Geologic Figures
- Appendix C – Historic Boring Logs
- Appendix D – Historic Soil Data and Sample Locations
- Appendix E – Historic Groundwater Monitoring Data
- Appendix F – Historic Groundwater Elevation Maps
- Appendix G – Sensitive Receptor Surveys

1.0 INTRODUCTION

Delta Consultants, (Delta), on behalf of ConocoPhillips (COP) has prepared this Site Conceptual Model (SCM) for the 76 Service Station No. 7376, located at 4191 First Street in Pleasanton, California (site) (**Figure 1**). The SCM provides a working hypothesis regarding the current and future distribution of petroleum hydrocarbons and methyl tert-butyl ether (MTBE) detected in soil and groundwater beneath the site.

The key elements of the SCM are:

- Site history and description
- Regional hydrogeologic setting
- Nature and extent of the petroleum hydrocarbon source(s)
- Contaminant fate and transport characteristics
- Potential exposure pathways
- Potential receptors

2.0 SITE LOCATION AND DESCRIPTION

The following sections provide a description of the site and surrounding area.

2.1 Site Location

The site (Alameda County Assessor's Parcel # 94-110-12-4) is a rectangular property located at the intersection of Ray Street and First Street in Pleasanton, California. (**Figures 1 and 2**).

2.2 Site Description

The site is currently an active 76 Service Station located on the northwest corner of First Street and Ray Street in Pleasanton, California (**Figure 1**). Current site facilities consist of a cashier's kiosk, four product dispenser islands and two 12,000-gallon double-wall fiberglass gasoline underground storage tanks (USTs). There are currently 12 active groundwater-monitoring wells and four former groundwater monitoring wells at and in the site vicinity. The site is bounded to the northwest by a former Southern Pacific Railroad right-of-way currently owned by Alameda County, north and northeast by a commercial building, southeast by First Street, and southwest by Ray Street. There is an underground KinderMorgan petroleum pipeline located on Alameda County property adjacent to the northwest edge of the site. Properties in the immediate site vicinity are used for a mix of residential and commercial purposes. A Shell service station is located southeast of the site. The site is located at an approximate elevation of 360 feet above mean sea level.

The site was developed around 1907 as a warehouse to store grain and hay. As shown on a Sanborn map, an "in-ground" bunker fuel storage tank to support the railway was installed northwest of the property as early as 1907 (**Attachment A**). Additionally, overlays (estimates only) of historic site features upon the current arrangement of properties and site features were produced from historic Sanborn maps. These are included in **Attachment A**.

A service station was first constructed on the site in 1976. Between November 8, 1982 and February 8, 1985, the Pleasanton Fire Department (PFD) responded to five separate fuel releases at the site. The releases occurred prior to acquisition of the property by Unocal Corporation in 1988, and prior to ConocoPhillips assuming operations at the site .

2.3 Site Owner

According to an Alameda County Health Care Services letter dated November 14, 1994, the site was a Gas-N-Save station until the early 1980s, at which time Armour Oil Company owned and operated the site as an Arco service station. The site was purchased by the Unocal Corporation in on February 8, 1988. ConocoPhillips sold the site to CDW & PWS Enterprises, Inc, 8998 Alcosta Blvd, San Ramon, CA. on April 29, 2005. The property is currently owned by De L. Liu and Na Li of 922 Saddlehorn Ct in Danville, CA.

3.0 SITE SETTING

The following sections provide a summary of the regional geologic and hydrogeologic setting.

3.1 Regional Geologic Setting

The subject site is located near the southwest end of the Livermore Valley. The site is situated on a northern facing hill, and slopes slightly to the north. The Arroyo Valley stream is located approximately 1,100 feet to the north of the site. The site is underlain by Holocene age alluvial fan deposits, described by the Department of Water Resources (DWR) in Bulletin 118-3 as "unconsolidated, moderately sorted, permeable fine sand and silt, with gravel becoming more abundant toward fan heads with canyons." The site is approximately three miles east of the northwest trending Pleasanton Fault (**Figure 3**) (USGS 2006). Holocene alluvial fan deposits under the site are underlain by the Livermore Formation, consisting of northward dipping sand and gravel deposits. Above mentioned features are shown in regional geologic cross sections and maps, presented in **Attachment B**.

3.2 Regional Hydrogeologic Setting

The site is located within the Amador Sub-basin of the Livermore Valley Groundwater Basin. The Amador Sub-basin is bounded on the east by the Livermore Fault and on the west by the Pleasanton Fault. The main watercourses in the basin are the Arroyo Valle and Arroyo Mocho, which both drain into the Arroyo de la Laguna. Gravel pits are present in the central portion of the subbasin. The estimated depth to the regional groundwater is 40 feet below ground surface (bgs) and the regional flow direction is north and northeast (ACWD-Zone 7, 1993-2003).

Groundwater in the Amador subbasin occurs in both unconfined and confined conditions. In the shallower, unconfined aquifers, groundwater is first encountered generally about 30 to 50 feet bgs. Deeper aquifers are encountered within sand and gravel deposits at a depth of approximately 90 to 100 feet bgs (DWR, 2003). The Zone 7 contour map shows groundwater flow in both confined and unconfined aquifers toward the gravel pits in the center of the subbasin (See Zone 7 Groundwater Contour Map contained in **Attachment B**). A contour map from the Zone 7 Well Master Plan shows a flow within the "deeper aquifer" to the west. Sand and gravel pit groundwater extraction areas are located greater than one mile north of the site in the central portion of the subbasin. The site appears to be outside the area of influence of any groundwater extraction wells.

The City of Pleasanton is served by the Zone 7 Water Agency. Based on information provided by personnel from the Zone 7 Water Agency, the City of Pleasanton obtains 80% of its water from the Hetch-Hetchy reservoir, the San Joaquin/Sacramento Delta and multiple deep-water wells located in the Fremont area. The remaining water is pumped from wells in Pleasanton that range in depth from 50-600 feet bgs (ACWD 1993-2006).

3.3 Site Hydrogeologic Conditions

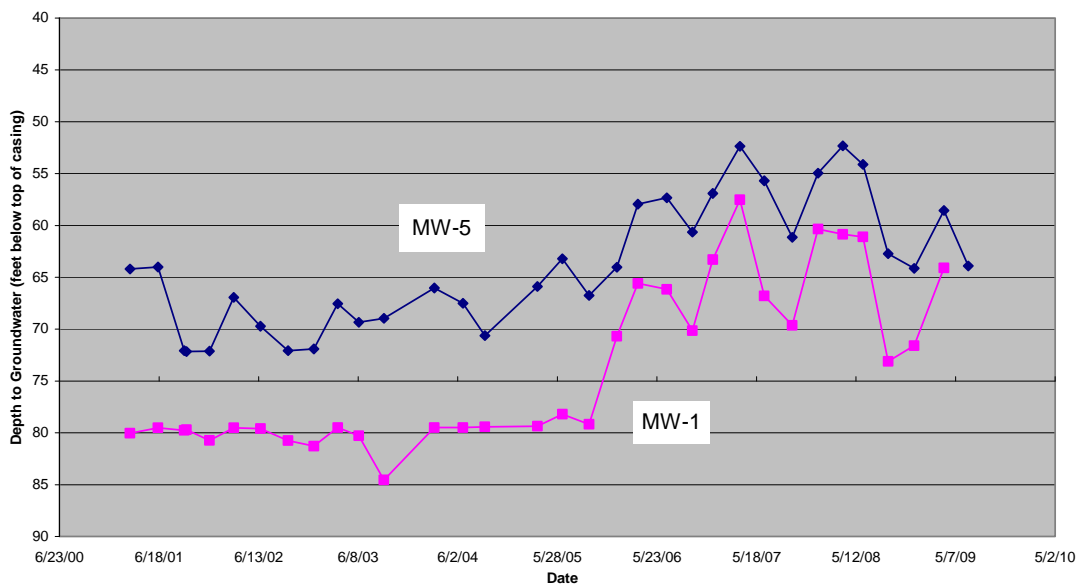
The site is underlain by complexly interlayered clay (Unified Soil Classification CL), silt (ML), silty sand (SM), clayey sand (SC), silty gravel (GM), sand (SP, SW), and gravel (GW). Contacts between soil types are often gradational. All soils contain various percentages of silt and sand. Site subsurface conditions are illustrated on cross-sections shown on **Figures**

4 and 5. Soils have been combined into two units; generally fine grained, moderate to low permeability soils (clay, silt, with some clayey sand and clayey gravel) and generally coarse-grained, moderate to high permeable soils (sand, gravel, with some interlayered silt, silty sand, and silty gravel). Copies of historic boring logs are contained in **Appendix C**.

Soil layers appear to dip to the north-northeast at an angle of approximately 15 degrees. Groundwater was first encountered in borings drilled between 1996 and 1998 typically at a depths of approximately 65 to 75 feet below ground surface (bgs) (KEI 1996), (GR 1999). Perched groundwater was encountered in thin permeable sand and gravel beds at depths as shallow as 40 feet bgs (see Shell MW-1 and COP MW-7 on cross-section A-A, **Figure 4**). Saturated layers are separated by low permeability dipping clay and silt beds. Saturated beds appear to be confined or semi-confined.

Two saturated permeable layers are recognized and are designated A and B on cross section **Figures 4 and 5**. Wells MW-5, MW-7, MW-8, and MW-9, appear to be screened across the upper of the two layers (A). Wells MW-1 (destroyed), MW-2B (destroyed), MW-1B, MW-2C, MW-3B, MW-6, and MW-10 appear to be screened in the lower of the units. Well MW-4 appears to be screened below the lowest of the two units (B). Depth to groundwater in wells MW-4 through MW-10 on June 22, 2009, ranged from 57.43 (MW-7) to 70.45 (MW-6) feet below top of casing. Groundwater flow was to the east. Groundwater levels in wells have risen by approximately 15 feet since late-2005 (see chart below). Seasonal fluctuations may be as great as 10 feet.

Depth to Groundwater
Well MW-5
 76 Service Station #7376
 4191 First Street, Pleasanton, California



4.0 NATURE AND EXTENT OF SOURCE

The following sections describe the source(s) of the petroleum hydrocarbons that have been detected in soil and groundwater beneath and adjacent to the site.

4.1 Former USTs

A Union Oil Company of California drawing dated November 17, 1987 shows the two 12,000- gallon fuel USTs to be located in the northeastern end of the site in their current location (**Attachment A and Figure 2**). The first soil and groundwater investigation report dated September 9, 1987 shows four 12,000-gallon petroleum product USTs near the current tank pit location in the northeastern portion of the site. The four former USTs were replaced with two 12,000 gallon double-walled steel USTs in December 1987 as part of the property sale agreement (Enviros 1995).

A Bunker C fuel oil tank was installed at the site sometime around 1907 according to Sanborn insurance maps. The bunker fuel oil tank located just to the northwest of the site in the vicinity of boring SB-1. The bunker fuel oil tank was used to service the railroad that bordered the site to the northwest. The tank is believed to have been removed from the site, but removal documents are not available. Currently, there are no documents verifying the removal of this bunker tank. Delta utilized ground penetrating radar (GPR) technology to determine the current presence or absence of the bunker tank. The bunker tank was not detected; however, GPR results may not be conclusive depending on the material with which the tank was made.

4.2 Release Reports 1984-1987

November 8, 1982: The Pleasanton Fire Department reported that approximately nine gallons of gasoline had leaked from a damaged fuel filter and collected in the base sand area directly below the pumps.

November 23, 1982 : The Valley Times Newspaper (volume 97 No. 230 dated November 23, 1982) reported that approximately 100 gallons of gasoline was discovered welling from an underground storage tank and pooling in a nearby parking lot. The nearby stream, Arroyo Del Valle, was reportedly not affected by the gasoline release.

February 20, 1984: The Pleasanton Fire Department filed a fire incident report for a gasoline leak at the site. According to the report, pump #12 located on the south fuel island was observed to be leaking. Approximately 30 gallons of gasoline was estimated to have leaked from possibly damaged underground product piping. Approximately 10 gallons of gasoline was contained using soil.

January 7, 1985: A complaint report was filed against the station, reporting a "strong odor of gasoline around storm drains." Station attendants stated that the site's gasoline USTs were filled that morning, and that gasoline from a possible overfill was likely transported to the drain via rain water runoff.

February 8, 1985: The Pleasanton Fire Department filed a Leak Reporting Form documenting an unknown amount of gasoline contaminated rain runoff entering two separate sewer drains. The nature of the spill was likely due to overfilling of the gasoline USTs.

July 16, 1987: A Petro Tite System Test revealed a leak of 0.93 gallons per hour in the North No. 1 regular gasoline UST. This result was followed up by an additional test on July 25th to confirm the leak. Leakage during the confirmation test was reported at 0.028 gallons per hour, and was deemed mathematically tight. It is unclear whether repairs were made to the UST system to repair the leak, or whether the leak detection was false (Environmental Laboratories Inc., 1987).

October 17, 1994: An unauthorized Release Report was filed following soil sampling performed on September 9, 1994. The report did not specify a release date or quantity released, but identified the contaminant as gasoline/waste oil. The report was filed following product piping replacement, during which old single-walled product lines were discovered, as well as extensive soil contamination.

4.3 Monitoring Wells and Soil Borings

The following section summarizes findings of previous soil and groundwater investigations conducted at the site. Historic soil data and sample locations can be found in **Attachment D**, historic groundwater data is presented in **Attachment E**, boring logs are presented in **Attachment C**, and monitoring well construction details are provided in **Table 1**.

June 30, 1987: Applied GeoSystems (AGS) oversaw the advancement of three soil borings (B-1, B-2 and B-3). The soil borings were advanced to 46.5 feet bgs and 55 feet bgs in the vicinity of the USTs and northern dispenser island (**Attachment D**). Total volatile hydrocarbons (TVH) were reported in all three borings, ranging from 7.72 milligrams per kilogram (mg/kg) in B-3 at a depth of 30 feet bgs, to 281.9 mg/kg in B-1 at a depth of 20 feet bgs. Total extractable hydrocarbons (TEH) were reported in B-1 at a depth of 35 feet bgs with a concentration of 1325 mg/kg. On August 21, 1987, an additional boring, B-4 was advanced to a depth of 66.5 feet bgs, directly north of B-1. TVH and TEH were reported at 100.5 mg/kg and 1,835 mg/kg, respectively at a depth of 35 feet bgs. Benzene was reported in all borings, with a maximum concentration of 17.1 mg/kg in B-1, located directly west of the fuel USTs, at a depth of 20 feet bgs, (AGS 1987).

December 2 through 7, 1987: Three soil borings (B-4, B-5 and B-6) were advanced at the site and completed in to monitoring wells MW-1, MW-2 and MW-3. The wells were installed to the southeast, north, and southwest of the site's fuel USTs as shown in **Figure 2**. TVH was detected in borings for wells MW-2 and MW-3 with a maximum concentration of 390 mg/kg at a depth of 55 feet bgs in MW-3. Benzene was detected in MW-2 and MW-3 with a maximum concentration of 14 mg/kg in MW-3 at a depth of 55 feet bgs. TEH was reported in MW-2 and MW-3 with a maximum concentration of 6,300 mg/kg in MW-2 at a depth of 35 feet bgs (AGS 1994).

September 9 through 24, 1994: Kaprellian Engineering Inc. (KEI) collected soil samples P1 through P13 from a depth of 3 feet and samples P2(9) and P5(9) from a depth of nine feet during product piping replacement activities. Sample locations are contained in **Attachment D**. Total petroleum hydrocarbons as gasoline (TPH-G) and benzene were reported at a maximum concentrations of 8,900 mg/kg and 65 mg/kg, respectively, in sample P5 located at the southern end of the No. 2 fuel dispenser (KEI 1994).

February 6 and 7 1995: KEI oversaw the installation of monitoring well MW-2B and soil boring EB-1 in the vicinity of the fuel USTs and southern fuel dispenser, respectively

(Figure 2). Well MW-2 was destroyed at this time due to introduction of asphalt to the well during repaving activities. TPH-G, total petroleum hydrocarbons as diesel (TPH-D) and benzene were reported in both borings with maximum concentrations of 15,000 mg/kg, 3,600 mg/kg and 340 mg/kg, respectively, in EB-1 at a depth of five feet. Detections of TPH-G, TPH-D and benzene were reported to depths of approximately 60 feet bgs in each boring (KEI 1995).

July 23 and 24, 1996: KEI oversaw the advancement of three additional soil monitoring wells (MW-4 through MW-6), to total depths of 73.5 to 93 feet bgs. Well MW-4 was installed onsite and wells MW-5 and MW-6 were installed offsite on the former Southern Pacific Railroad right-of-way as shown in **Figure 2**. Soil samples collected from the well borings were analyzed for TPH-G, benzene, toluene, ethylbenzene and xylenes (BTEX compounds), and fuel fingerprinting. Soil samples from boring MW-4 contained low concentrations of petroleum hydrocarbons ranging up to 47 parts per million (ppm) of TPH-G, up to 0.27 ppm of benzene, and up to 15 ppm of TPH-D. Soil samples collected in the upper 50 feet of well boring MW-5 contained benzene up to 0.038 ppm. Samples collected between 55 and 65 feet bgs in MW-5 contained up to 560 ppm of TPH-G, up to 3.9 ppm of benzene, and up to 450 ppm of TPH-D. Samples collected from MW-6 contained up to 5.0 ppm of TPH-G, up to 1.2 ppm of benzene and 200 ppm TPH-D detected at 55 feet bgs. Petroleum hydrocarbon concentrations in the range of kerosene, motor oil, and unidentified extractable hydrocarbons were also identified in the samples collected from the well borings (KEI, 1996).

June 27, 1997: Free product was encountered in well MW-5 during quarterly monitoring activities. In December 1997, Entrix, Inc. (Entrix) performed a forensic geochemical analysis of the free product extracted from well MW-5. The Entrix study determined that the free product was likely composed of a mixture of over 50% refined gasoline and 50% heavier hydrocarbons. The gasoline constituents appeared to be relatively fresh according to Entrix. The heavier hydrocarbon mixture had a carbon distribution ranging from C-13 to C-33. The distribution was similar in nature to a very weathered crude oil or Bunker C fuel, and petroleum products such as diesel #2, motor oil, lube oil, etc., or mixtures of any of the above heavier hydrocarbons (Entrix, 1997).

November 1997: Engeo advanced six soil borings (B-1 through B-5) on the northwest extent of the vacant right-of-way to the northwest of the site. The borings were advanced to determine whether soils in the right-of-way had been impacted as a result of fuel releases at the site. Borings B-1 through B-5 were advanced to depths of 40 to 80 feet bgs. No analytes were reported above reporting limits in any soil samples. TPH-G, benzene and MTBE were reported in groundwater samples at concentrations of 0.630 ppm, 0.023 ppm, and 0.498 ppm, respectively in groundwater sample W-4.

June and August 1998 : Five additional onsite soil borings (B-8 through B-12) were advanced and two offsite down gradient groundwater monitoring wells (MW-7, MW-8) were installed by Gettler-Ryan (GR) (**Attachment D**). TPH-G, benzene, TPH-D and MTBE reached maximum concentrations in boring B-12 at depths between 28.5 bgs and 37.5 bgs of 1,700 ppm, 21 ppm, 14,000 ppm and 2.6 ppm, respectively. Total petroleum hydrocarbons as hydraulic oil (TPH-ho) was detected in B-11 at 10.5 feet bgs at a maximum concentration of 5,200 ppm. No analytes were reported in samples collected from B-8 and MW-7. Two soil samples containing visible free product were collected from boring B-11 (near the former UST excavation) at 10.5 and 61 feet bgs and submitted to Global Geochemistry Corp. for hydrocarbon fingerprinting chemical analysis. The results of these analyses determined that the free product from both samples was composed of

approximately 90% highly to severely weathered crude oil and 10% of slightly weathered gasoline (GR, 1999).

October and November 2000: GR advanced one soil boring located northwest of the fuel USTs (B-13) and installed two offsite groundwater monitoring wells to the north of the site (MW-9 and MW-10) as shown in **Figure 2**. TPH-G and benzene were reported at maximum concentrations of 14,000 mg/kg and 100 mg/kg, respectively in B-13 at a depth of 28 feet bgs. Benzene and TPH-G were detected in B-13 to a depth of approximately 73 feet bgs. MTBE was reported at a maximum concentration of 2 mg/kg in B-13 at a depth of 46 feet bgs. No analytes were reported in MW-9. TPH-G, benzene and MTBE were reported in MW-10 at maximum concentrations of 240 mg/kg, 0.71 mg/kg, and 1.2 mg/kg, respectively, at a depth of 56 feet bgs (GR, 2000).

September 17 through 19, 2001 :Two offsite soil borings were installed by GR and completed as groundwater monitoring wells MW-11 and MW-12 (**Figure 2**). The wells were installed to total depths of approximately 86 and 88 feet bgs, respectively. No analytes were detected above laboratory reporting limits for all soil samples. No analytes were reported above the reporting limits in groundwater sample MW-12-Grab, collected from a perched groundwater zone at 40 feet bgs in well boring MW-12 (GR 2002).

November 5, 2007: BSK conducted an investigation in the right-of-way northwest of the site and surrounding parcels. The investigation was conducted for the City of Pleasanton to determine the extent of herbicides and heavy metals in the corridor as a result of the property's prior use as a railway. In addition, the investigation took place to determine the impact on soils from fuel releases at the site, and from the Shell service station across First Street.

Surface soil samples were collected at locations shown in Attachment B, and seven soil borings (SB-1 through SB-7) were advanced between the Kinder Morgan Pipeline location and the site. Borings were advanced to depths of 37.5 feet bgs to 61 feet bgs. Arsenic was reported at a maximum concentration of 68 mg/kg in sample RR-3, which is above the California Human Health Screening Levels (CHHSL) for residential and commercial soils of 0.07 mg/kg and 0.24 mg/kg, respectively. Lead was reported above the residential CHHSL of 150 mg/kg in two surface samples with a maximum concentration of 190 mg/kg in sample BG-1 (BSK 2008).

Samples from soil borings were analyzed for TPH-G, TPH-D, BTEX compounds, TPH-jet fuel, TPH-aviation fuel, oil and grease, MTBE and TBA. No analytes were reported above laboratory reporting limits in SB-1 and SB-3. TPH-G and TPH-D, TPH-aviation fuel, TPH-jet fuel, benzene, oil and grease and MTBE were reported in maximum concentrations of 8,100 mg/kg, 860 mg/kg, 9,600 mg/kg, 37 mg/kg, 11,000 mg/kg and 260 mg/kg, respectively, in SB-5 at a depth of 30 feet bgs. TPH-G was reported at a maximum concentration of 380 mg/kg in SB-6 at a depth of 30 feet bgs. All soil sample locations and data are presented in Attachment B. The original lab report was amended as the indication of the petroleum hydrocarbons as jet fuel appeared to be questionable. A note on the soil analytical summary table stated "TPHg – total petroleum hydrocarbons – Jet Fuel** (Hydrocarbons reported within diesel range)" (BSK 2008).

February 18 through 26, 2008: Delta oversaw the advancement of seven cone penetrometer test (CPT) borings (CP-1 through CP-7). CP-1 and CP-2 were located onsite near the fuel USTs, and at the southeast portion of the site, respectively and CP-3 through CP-7 were located in the right of way directly to the west of the site as shown in **Figure 2**. TPH-G and benzene were reported only in CP-1 with maximum concentrations of 640 mg/kg

and 25 feet bgs and 14 mg/kg at 30 feet bgs, respectively. TPH-G was reported in soil in CP-1 to the maximum depth explored of 701 feet bgs. MTBE was reported in borings CP-1, CP-5, CP-6 and CP-7, with a maximum concentration of 1.3 mg/kg in CP-1 at a depth of 30 feet bgs. TPH-G was reported in groundwater from borings CP-1, CP-4, CP-6 and CP-7 ranging from 99 micrograms per liter ($\mu\text{g/l}$) in CP-4 to a maximum of 1,500 $\mu\text{g/l}$ in CP-1. Benzene was reported in CP-1, CP-2 and CP-6 ranging from 0.67 $\mu\text{g/l}$ in CP-2 to a maximum of 250 $\mu\text{g/l}$ in CP-1. MTBE was reported in CP-1, CP-2, CP-4, CP-6 and CP-7 ranging from 1.4 $\mu\text{g/l}$ in CP-2 to a maximum of 530 $\mu\text{g/l}$ in CP-1. No groundwater samples were collected from CP-5 (Delta 2008).

June 8 through 25, 2009: Delta oversaw the destruction of wells MW-1, MW-2B and MW-3, and the installation of replacement wells MW-1B, MW-2C and MW-3B. In addition, one soil boring (SB-1) was advanced in the northwestern portion of the site in the footprint of an old bunker oil tank. Soil samples were collected from SB-1 and MW-2C. Gasoline range organics (GRO) was reported in soil boring SB-1 above the Environmental Screening Level (ESL) of 81 mg/kg from depths of 20 feet to 45 feet bgs. Fuel oil #6 was reported above the ESL of 2,500 mg/kg at depths of 30 feet bgs, 40 feet bgs and 45 feet bgs with a maximum concentration of 1,400 mg/kg at a depth of 20 feet bgs. Benzene was reported below 20 feet bgs in SB-1 to the maximum depth of 45 feet bgs, with a maximum concentration of 3.6 mg/kg at a depth of 30 feet bgs. MTBE was detected only at 10 feet bgs with a concentration of 0.05 mg/kg (Delta 2009).

Soil samples collected from MW-2C were subject to analysis for volatile organic compounds (VOCs) by Environmental Protection Agency (EPA) Method 8260, semi-volatile organic compounds by EPA Method 8270C, and purgeable aromatic and total petroleum hydrocarbons (TPH) by EPA 8015 (leaking underground fuel tank/ fuel finger printing) (LUFT/FFP). With the exception of sample depth 25 bgs Benzene was detected at all sampled depths at concentrations ranging from 28 (ppm) at 30 bgs, to 0.05 mg/kg at 45 bgs generally decreasing in concentration with depth. With the exception of sample depth 25 bgs MTBE was detected at all sampled depths in concentrations ranging from 8.7 mg/kg at 30 bgs to 0.075 mg/kg at 45 bgs generally decreasing in concentration with depth. TPH-G was not detected at or above laboratory reporting limits from sampled depths. TPH as Kerosene was detected at two sampled depths at concentrations ranging from 93 mg/kg at 20 bgs to 1,800 mg/kg at 25 bgs. TPH-D was detected at all sampled depths at concentrations ranging from 26 mg/kg at 20 bgs 15,000 mg/kg at 35 bgs.

4.4 Potential Offsite Sources

A Shell service station is located approximately 75 feet southeast of the site. This site has had an open leaking underground storage tank (LUST) case since 1995. Petroleum hydrocarbons were detected below the former USTs in the northern portion of the site in 1985 during UST replacement. In January 2005, waste oil was poured into a part of the waste oil tank which releases straight to the surrounding pea gravel. Oil and grease was detected in pea gravel, but soil samples confirmed that waste oil was confined to the pea gravel. Groundwater flow at the site has historically been to the north-northeast (Delta 2006). In September 2006, Shell advanced a CPT boring (CPT-2) in First Street between the two sites. Groundwater samples were collected at depths of approximately 78 and 98 feet bgs. TPH-G, toluene, ethylbenzene, and xylene were all below the laboratory reporting limit in both sample. Benzene was detected in the 78-foot sample at 0.99 $\mu\text{g/l}$ along with 15 $\mu\text{g/l}$ MTBE and 27 $\mu\text{g/l}$ TBA. MTBE was the only constituent detected in the 98-foot sample (47 $\mu\text{g/l}$) (Delta 2006).

A Kinder Morgan Pipeline is located approximately 20 feet to the west of the site, and is approximately 15 feet deep. The pipeline is a 10 inch steel pipe which transports gasoline, diesel and jet fuel (BSK 2008). An investigation was performed by TRC in 2005 to determine whether the pipeline could be considered a potential source of contamination. The investigation reported that the pipeline is inspected every 5 years by an internal inspection device, and no damage or repairs had been reported. In 2007, BSK reported detections of TPH-jet fuel and TPH-aviation fuel in soil borings SB-5, SB-6 and SB-7, located between the pipeline and the site (**Figure 2**), with a maximum concentration of 6,300 mg/kg in boring SB-5 at a depth of 30 feet bgs. The indication of the petroleum hydrocarbons as jet fuel appeared to be questionable (see description above of investigation November 5, 2007).

Fuel fingerprinting has been performed on free product collected from the site in 1997, 1998 and in 2009. In 1997, fuel fingerprinting determined that the free product in MW-5 was most likely composed of 50% refined gasoline and 50% heavier hydrocarbons resembling crude oil, bunker C fuel, diesel, motor oil, or some combination of the above. The gasoline portion of the product was reported to be relatively "fresh" (Entrix 1997). In 1998 free product was collected in soil samples in B-11 from depths of 10.5 feet bgs and 61 feet bgs. The product was reported to be approximately 90% semi-volatile hydrocarbons consisting of crude oil and 10% slightly weathered gasoline (GR 1999). In 2009, soil samples from the boring for MW-2C were submitted for fuel fingerprinting. The presence of heavy hydrocarbons such as diesel, kerosene and hydraulic oil were reported (Delta 2009). TRC concluded that the source of free product on site and to the north was likely due to the former underground bunker C fuel tank that was installed at the site in 1907, and not from the Santa Fe Pacific pipeline (TRC 2005)

4.5 Residual Soils as On-Going Source

The most current on-site soil analytical data from borings CP-1 through CP-7, SB-5, SB-6, SB-7 (BSK), SB-1 (Delta), and monitoring well MW-2C show that the source area for soil contamination is in the vicinity of the site's USTs, in the northern portion of the site. This is consistent with the distribution of analytes in historic soil data. Contamination appears to follow product piping, with the majority of impacted soil in the vicinity and to the north of the fuel USTs. Offsite borings and monitoring wells to the northwest have not historically contained high levels of hydrocarbons in soil. Depth of soil contamination is from grade to approximately 70 feet bgs (see Figures 4B and 5B). The vadose zone extends to approximately 50 to 80 feet below the site, with groundwater averaging about 70 feet bgs. The vadose zone consists of alternating layers of silt/clay and sand/gravel. Clay is present to a depth of approximately five to fifteen feet bgs at the site, with interbedded high and low permeability zones below. Historic cross sections are presented in **Attachment B**. The tank pit in the northern portion of the site likely extends to a depth of 15 feet bgs. Any product emanating from the tank pit would be easily mobilized in high permeability zones beneath the site.

4.6 Summary

Multiple releases of gasoline from the site USTs, dispenser islands and product piping occurred between 1982 and 1994 when spills and leaks were reported during annual inspections and tank refilling. A report documenting the removal of the site USTs in 1987 is unavailable, hence it is uncertain if the former USTs were a source of contamination.

Results of fuel fingerprinting analyses indicate that a heavy hydrocarbon source exists or existed at the site. This source is most likely the former Bunker C fuel tank which previously resided on Alameda County property northwest of the site.

Soil contamination has consistently been encountered at the site in the vicinity of the fuel USTs and product lines, primarily in northern portion of the site, and off-site to the north. Soil contamination has been reported from 3 feet bgs to approximately 70 feet bgs.

5.0 FATE AND TRANSPORT CHARACTERISTICS

The following sections describe potential contaminant migration pathways for petroleum hydrocarbons and MTBE. Plume migration and contaminant concentration trends are discussed.

5.1 Underground Utility Conduits

The exact location and depth information of utility trenches both on-site and in the site vicinity has not been determined. A Kinder-Morgan pipeline is located approximately 10 feet to the west of the site and is approximately six to eight feet deep. A fiber optic cable also exists approximately 60 feet to the west of the site, running parallel to the site's western boundary and the Kinder-Morgan pipeline. With these exceptions, based on the documents in Delta files, a survey of nearby utilities for the purpose of a preferential pathway evaluation has not been performed. However, depth to groundwater (average = 70 feet bgs) is below the depth of utility trenches, and no survey is now deemed necessary.

5.2 Soil Migration Pathways

Soils beneath the site area are both fine-grained and coarse grained. Coarse grained zones provide pathways for rapid spread of contaminants. Boring logs for soil borings and monitoring well installations across the site have consistently shown alternating layers of fine grained and coarse grained deposits to the maximum depth explored. Copies of boring logs and well construction diagrams are provided in **Attachment C**.

5.3 Hydrogeologic Pathways

Vertical migration of dissolved contaminants beneath the site is hindered by fine-grained soil layers, but expedited in coarse grained layers. Groundwater was first detected in soil borings and borings for site wells at depths ranging from 64 feet bgs (MW-5) to 96 feet bgs (B-13). Replaced wells MW-1B, MW-2C and MW-3B are screened from 79.5 to 81.5 feet bgs, well MW-4 is screened from 73 to 93 feet bgs, wells MW-5 and MW-7 are screened from approximately 52 to 75 feet bgs, wells MW-6, MW-8, MW-11 and MW-12 are screened from approximately 66-88 feet bgs, and MW-10 is screened from 83-100 feet bgs. Monitoring well construction details are outlined in Table 1. On June 22, 2009 (last sampling event), static water levels in the wells ranged from 55.54 (MW-12) to 70.45 feet below top of casing (MW-6). Newly installed wells MW-1B, MW-2C, and MW-3B were not included in this sampling event. Seasonally, depth to groundwater in individual wells typically fluctuates approximately 10 feet with the highest groundwater levels in January-March and lowest levels in August-September, however variations of up to 30 feet in site wells is occasionally observed at the site. Depth to water in wells over the year typically ranges from approximately 60 to 80 feet below top of casing. Cross sections (contained in **Attachment B**) indicate that beds beneath the site are dipping to the north, and that wells are not necessarily screened in the same beds.

The groundwater flow direction beneath the site has generally been to the north, varying from northwest to northeast. Regionally, groundwater flows to the northwest. A Shell branded service station approximately 75 feet to the southeast of the site has reported groundwater flow consistently to the north and northeast. The site is believed to have significant geologic features inferred through groundwater elevation patterns across the site and geologic cross sections. These features are evidenced by a cross section showing beds

curving steeply upward from MW-5 to the vicinity of MW-2B and B-13 as shown on Gettler-Ryan's cross section B-B' presented in **Attachment B**. Groundwater flow at the site appears to be directed toward the north-northwest, with two separate flow regimes. The first, being located on site, flows toward the north-northwest at an average gradient of 0.071 feet/foot. The second is directly northwest of the first, and starts at MW-5 with the highest groundwater elevation, and flows toward MW-11 and MW-12 with lower groundwater elevations. Historically, groundwater has not been interpreted with two flow regimes. Groundwater flow directions and gradients for on site wells, considered to be in the southern flow regime, were re-calculated to produce an on-site groundwater flow rose diagram. The rose diagram from 1995 until 2009 (a total of 58 monitoring events) is presented as **Figure 5**, a table of calculated gradients and average gradient is presented as **Table 2**. Historic groundwater flow diagrams are presented in **Attachment F**.

The groundwater flow rate beneath the site can be approximated based on the hydraulic conductivity of the soil, groundwater flow gradient and effective soil porosity. The linear groundwater flow rate or velocity (V) can be calculated from the formula:

$$V = (K \times I) / N$$

where K = soil coefficient of hydraulic conductivity
I = groundwater gradient
N = effective soil porosity

The predominant soil types in water bearing zones beneath the site are sand and gravel. The average K for a sand and gravel is estimated in the range of 100 to 1000 feet per day and the porosity at 30% (Heath, 1983). The site hydraulic conductivity has typically been approximately 0.07 ft/ft. Using the above estimated parameters, a groundwater velocity of approximately 23 to 233 feet per year is calculated. The flow rate for dissolved petroleum hydrocarbons is typically significantly slower than the groundwater due to physical and chemical interactions with the soil matrix and biological processes. Vertical migration can be expected to be much slower, since contaminants must travel through clay and silt layers. TPH-G first appeared in well MW-8 on June 20, 2002. Using November 1982, the date of two documented gasoline releases, contaminants moved from the USTs to well MW-8 at a rate of 0.02 feet per day. This calculation is much lower than the theoretical rate for sand and gravel, much due to the fact that contaminants are probably being slowed in low permeability zones during their descent. Another possibility, is that contaminants have moved downward through steeply dipping coarse grained layers, and that their horizontal transport is being hindered by transport through overlying fine grained deposits. Soil stratigraphy in the vicinity of the fuel USTs would need to be determined to further understand the path of contaminants and groundwater beneath the site.

5.4 Contaminant Migration Model

It appears that multiple releases occurred at the site from 1982 to 1994 . The distance from the bottom of the UST pit to the top of groundwater was approximately 45 feet. Petroleum hydrocarbons moved down dip by gravity through sandy layers until encountering saturated soils at a depth of approximately 60 feet bgs. The primary flow path appears to be through layer A as shown on cross-sections **Figures 4 and 5**. Once contaminants entered the groundwater, they were dissolved and began migrating with the groundwater flow toward the north. TPH-G and TPH-D concentrations in groundwater are shown on cross-sections **Figures 4C and 5C**. By June 2002, dissolved petroleum hydrocarbons had

migrated more than 130 feet down gradient and were detected in the first sample from well MW-7 (**Figure 2**). MTBE was also detected in the first sample from well MW-7 at 1700 ug/l. In September 2001, MTBE was reported in the first sample from MW-11, located approximately 200 feet north of MW-7, at a concentration of 9 ug/l. MTBE has not been reported in MW-11 since 2005. The down gradient extent of MTBE is defined between MW-7 and wells MW-11 and MW-12.

5.5 Concentration Trends

TPH-G and BTEX compounds have been detected in all wells with the exceptions of MW-4, MW-9, MW-10 and MW-11. Liquid phase hydrocarbons (LPH) have been reported in wells MW-2B and MW-5. LPH was reported in MW-5 nearly continuously from June 27th 1997 to December 11, 2006, and in MW-2B in September 2007 and December 2008. Groundwater samples were not collected when LPH was present in the wells. TPH-G has reached highest concentrations in wells MW-3 and MW-5 with a maximum concentration of 210,000 ug/l reported in well MW-5 on June 7, 1999. Benzene reached a maximum concentration of 7,300 ug/l in well MW-5 in March 2004. Currently, the TPH-G and benzene plume is centered on MW-5, with a concentration of 16,000 ug/l and 2,700 ug/l, respectively reported on June 22, 2009. The plume extends over the northern region of the site and to offsite wells MW-6, MW-7 and MW-8. Groundwater concentration maps are included in **Attachment E**.

MTBE has been detected in all site wells with the exceptions of MW-4 and MW-12. MTBE has been detected continuously in wells MW-1, MW-2B, MW-3, MW-5, MW-6, MW-7, MW-8 and MW-10. Currently, the MTBE plume is centered on well MW-2B in the northwestern region of the Site with a concentration of 5,200 ug/l and extends to MW-7 and MW-8 to the northwest of the site, and well MW-1 to the southeast. MTBE reached a maximum concentration of 12,200 ug/l in well MW-2B on September 25, 2000.

6.0 SITE REMEDIATION

Four fuel USTs were reportedly removed from the site in December of 1987. Later reports have mentioned that over excavation of contaminated soil took place, but the documentation of this event is not available, and the quantity of soil removed is unknown.

In September 1994, product lines and dispensers were replaced. During product piping removal, old single walled product lines were discovered below the newer double walled product lines. Soil contamination was present in two locations in the trench. The trench was subsequently over-excavated to approximately 9 feet bgs, with a total of 198 cubic yards of soil being removed from the site. The soil was disposed of at Forward Landfill in Manteca, California on September 21st and 24th, 1994.

7.0 POTENTIAL SENSITIVE RECEPTORS

The following sections evaluate the various potential impacts to sensitive receptors from petroleum hydrocarbons and MTBE detected in soil and groundwater

7.1 Environmental Screening Levels

The California Regional Water Quality Control Board, San Francisco Bay Region (RWQCB) has published Environmental Screening Levels (ESLs) for chemicals commonly found in soil and groundwater at sites where releases of chemicals have occurred. The RWQCB notes "The ESLs are considered to be conservative." The tables below compare site specific soil and groundwater concentrations for TPH-G, benzene, and MTBE with ESLs for various potential sensitive receptors. The ESL tables for various sensitive receptors as found in the November 2007 publication are referenced.

	ESL Table	TPH-G (mg/kg)	Benzene (mg/kg)	MTBE (mg/kg)
Maximum Concentration Detected in Soil Sample		15,000 (EB-1@5' 2/6/1995)	340 (EB-1 @5' 2/6/95)	8.7 MW-2C @ 30' (6/12/09)
Groundwater Protection (shallow soils <3 meters)*	A-1	83	0.044	0.023
Groundwater Protection (deep soils >3 meters)*	C-1	83	0.044	0.023
Direct Exposure - Residential	K-1	110	0.12	30
Direct Exposure – Commercial	K-2	450	0.27	65
Direct Exposure – Construction/Trench Workers	K-3	42,000	12	2,800

* Ingestion. Groundwater considered a current or potential source of drinking water.

	ESL Table	TPH-G (ug/L)	Benzene (ug/L)	MTBE (ug/L)
Concentration Groundwater 3/26/09		19,000 (MW-5)	2,700 (MW-5)	5,200 (MW-2B)*
Potential Vapor Intrusion - Residential	E-1	NA	540	24,000
Potential Vapor Intrusion - Commercial	E-1	NA	1,800	8,000,000
California Maximum Contaminant Level (MCL)	F-3	100	1.0	5

*MW-2B was destroyed in June 2009, replacement well MW-2C was not sampled during the June 2009 sampling event. Results of the first quarter 2009 event are shown.

The maximum soil concentrations for TPH-G, benzene and MTBE exceeds the ESLs for leaching to groundwater considered as a current or potential source of drinking water. The concentration of benzene in soil exceeds all ESLs for direct exposure, and TPH-G exceeds the commercial direct exposure ESL. The concentration of MTBE is below the direct exposure ESLs.

Benzene and MTBE concentrations in groundwater exceed the California Maximum Contaminant Levels (MCLs). Benzene in MW-5 exceeds the potential vapor intrusion levels for residential and commercial, however, depth to groundwater is approximately 70 feet bgs, limiting the potential for vapor intrusion at ground surface.

7.2 Indoor Air Inhalation - Soil

No ESLs have been established for protection of indoor air from impacted soil. The RWQCB recommends direct measurement of soil gas concentrations in soil. Maximum concentrations of TPH-G and benzene were reported at a depth of 5 feet in the southern portion of the site near product piping. The upper 5 feet of the site has historically been classified as silt/clay which hinder the ability of hydrocarbons to migrate and vaporize, however a soil gas survey would be necessary in determining the soil vapor potential at the site.

7.3 Nearby Water Supply Wells

Well surveys were performed in 2004 by Toxichem Management Systems, Inc and in 2005 by Delta. The 2004 survey identified 18 wells within a ½-mile radius. No field verifications were made during this survey. The surveys were performed on behalf of a Shell branded service station located at 4221 First Street, across first street from the site. Delta's 2005 survey identified a total of 14 wells within a one-mile radius. These well locations were field verified. Both surveys are presented as **Attachment G**. The following excerpt is contained in Delta's *Site Conceptual Model* dated February 6, 2006:

Well Survey – In May 2004, Toxichem Management Systems, Inc. (Toxichem) obtain information from the Zone 7 Water District (Zone 7) and the DWR. A copy of Toxichem's well survey map and summary table are attached. The nearest wells identified were a well of "unknown" use (3S/1E-21B) and a municipal well (3S/1E-21B1) both located approximately 900 feet northeast of the site. Toxichem was unable to locate either well in the field and concluded that they were likely abandoned. In November 2005, Delta observed an old water tower building near the location of the two wells. A municipal well (3S/1E-16P1) was identified to be located >1,200 feet north of the site. Again, Toxichem could not field locate the well.

In September 2005, Delta performed an additional well survey for the site area. A well location map was obtained from Zone 7. The map identified three wells approximately 1,000 feet northwest of the site (3S/1E-21C1, -21C3, and -21C4.) Well -21C1 was classified as a "supply well", -21C3 as "abandoned or unlocatable", and -21C4 as "other designated well." Delta was only able to field locate Well -21C4. The well provides irrigation water for a small city park. Delta also located a similar well in Kottinger Park located approximately 800 feet east of the site.

8.0 SUMMARY

Delta has prepared an SCM that describes the occurrence, migration, and fate of petroleum hydrocarbons and MTBE previously identified beneath the Site. The following are the key observations and conclusions:

- Site soils vary from clays and silts to sand and gravel in alternating layers. The groundwater flow rate is estimated at approximately 23 to 233 feet per year, however this estimate is likely much higher than the actual rate due to migration through fine grained layers. The primary direction of groundwater flow is to the northeast and northwest.
- Groundwater typically occurs at a depth of approximately 60 to 80 feet below top of casing. Depth to groundwater in monitoring wells fluctuates approximately 10 feet annually
- Historic reports from 1987 show the location of four former fuel USTs in the northern portion of the site, in the location of the current two fuel USTs. An underground bunker fuel tank existed in the northwest region of the site, installed sometime around 1907.
- Multiple releases of gasoline occurred between 1982 and 1987, mostly due to overfilling of the fuel USTs and leaking dispensers. In 1994, contaminated soil was discovered during product piping removal at depths of approximately 3 and 9 feet bgs. Petroleum hydrocarbons moved directly downward through the tank pit into highly permeable sands and gravels at a depth of approximately 15 feet bgs. Contaminants then moved downward through permeable zones to groundwater at a depth of approximately 70 feet bgs.
- Petroleum hydrocarbons were detected in the first groundwater samples collected from wells MW-1, MW-3 and MW-3 in December 1987 with maximum concentrations of TPH-G and benzene of 24,000 ug/l and 2,600 ug/l in well MW-3, respectively. Well MW-3 was located approximately 45 feet west (crossgradient) of the USTs, in the vicinity of product piping. Since 2000, TPH-G has only been detected in well MW-1. The downgradient extent of MTBE is defined to the north-northwest by wells MW-9, MW-11 and MW-12, and to the southwest by well MW-4. A review of the May 7th, 2009 monitoring report for the Shell service station to the south indicates that MTBE exists at the northernmost wells at the site.
- TPH-G, BTEX and MTBE concentrations in groundwater samples from wells MW-1, MW-3, MW-7, MW-10 and MW-11 continue to decline. Concentrations in wells MW-2B, MW-5, MW-6 and MW-9 appear to be stable. Concentrations in MW-8 appear to be on an increasing trend.
- Environmental risk based on soil and groundwater impacted by petroleum hydrocarbons can be summarized as follows;
 - **On-site;** Petroleum hydrocarbon soil vapors may pose a threat for inhalation of outdoor and indoor air as well as dermal contact by workers in excavations.

- **Off-site;** Current site conditions should not pose any environmental or public health issues related to development of County property for parking or recreation; however, additional testing will be performed to confirm this conclusion.
- **Groundwater Protection;** Current petroleum hydrocarbon and fuel oxygenate concentrations exceed screening levels for protection of drinking water aquifers. Currently, no water production wells are threatened.

9.0 RECOMMENDATIONS

Delta provides the following recommendations;

9.1 Site Assessment

The on-site assessment is deemed complete. The petroleum hydrocarbon source area in the northern portion of the site has been defined by three borings (B-10 through B-12), three groundwater monitoring wells (MW-1B, MW-2C, and MW-3B), and CPT boring CP-1 (**Figure 2**). The southern portion of the site has been explored by three soil borings (B-8, B-9, and EB-1), monitoring well MW-4, and CPT boring CP-2. Elevated petroleum hydrocarbons were detected in soil samples from boring EB-1 but not in groundwater from adjacent well MW-4.

9.2 Off-site Assessment

The upgradient (southern) extent of the dissolved petroleum hydrocarbon and fuel oxygenate plume is defined by data from Shell CPT-2. The off-site heavy fuel source (bunker fuel tank) has been defined by borings SB-1 and B-13. The northern portion of the plume is defined by wells MW-7 and MW-9. Petroleum hydrocarbon and MTBE concentrations are rising in downgradient well MW-8 located near the leading edge of the plume. TPH-G, MTBE, and TBA were detected in nearby CPT boring CP-6 at 160 ug/l, 110 ug/l, and 170 ug/l, respectively. TPH-G, MTBE, and TBA were detected in CPT boring CP-7, located approximately 60 feet to the northwest of MW-8, at 200 ug/l, 260 ug/l, and 120 ug/l, respectively. Delta recommends installation of a groundwater monitoring well in the vicinity of CPT boring CP-7 to define the extent the plume to the northwest.

Delta recommends that the County of Alameda further investigate the presence of heavy metals detected in surface soils within the former railway right-of-way. Arsenic and lead were found at elevated concentrations in soil samples collected during a study of the Alameda County Transportation Corridor in 2007. The service station is not considered to be a source of the heavy metals detected in surficial soils in the transportation corridor. Additionally, it is recommended that the County confirm the presence or absence of the former bunker fuel UST.

9.3 Feasibility Testing

Delta proposes to prepare a work plan for a remediation Feasibility Study (FS). Testing is anticipated to focus on the area of the site USTs and off-site well MW-5. Tests will be used to define soil parameters critical in the selection and design of a remediation system. Tests could include a aquifer pumping test, soil vapor extraction test, and air injection test. Tests will be described in a report along with results and submitted to ACEH for review.

9.4 Corrective Action Plan

Upon completion of the FS, Delta will prepare a Corrective Action (CAP). The CAP will propose soil and groundwater cleanup levels based on site conditions and land use considerations. The CAP will evaluate a minimum of three remediation alternatives in terms of regulatory acceptance, technical feasibility, time requirement for completion, and cost for implementation and annual operation and maintenance. A remediation approach will be selected along with development of a contingency plan in the event that the primary approach is not effective.

10.0 REMARKS

The descriptions, conclusions, and recommendations contained in this report represent Delta's professional opinions based upon the currently available information and are arrived at in accordance with currently acceptable professional standards. For any reports cited that were not generated by Delta, the data from those reports is used "as is" and is assumed to be accurate. Delta does not guarantee the accuracy of this data for the referenced work performed nor the inferences or conclusions stated in these reports. This report is based upon a specific scope of work requested by the client. The Contract between Delta and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report were conducted. This report is intended only for the use of Delta's Client and anyone else specifically listed on this report. Delta will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Delta makes no express or implied warranty as to the contents of this report.

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FIGURES

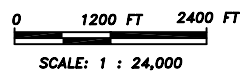
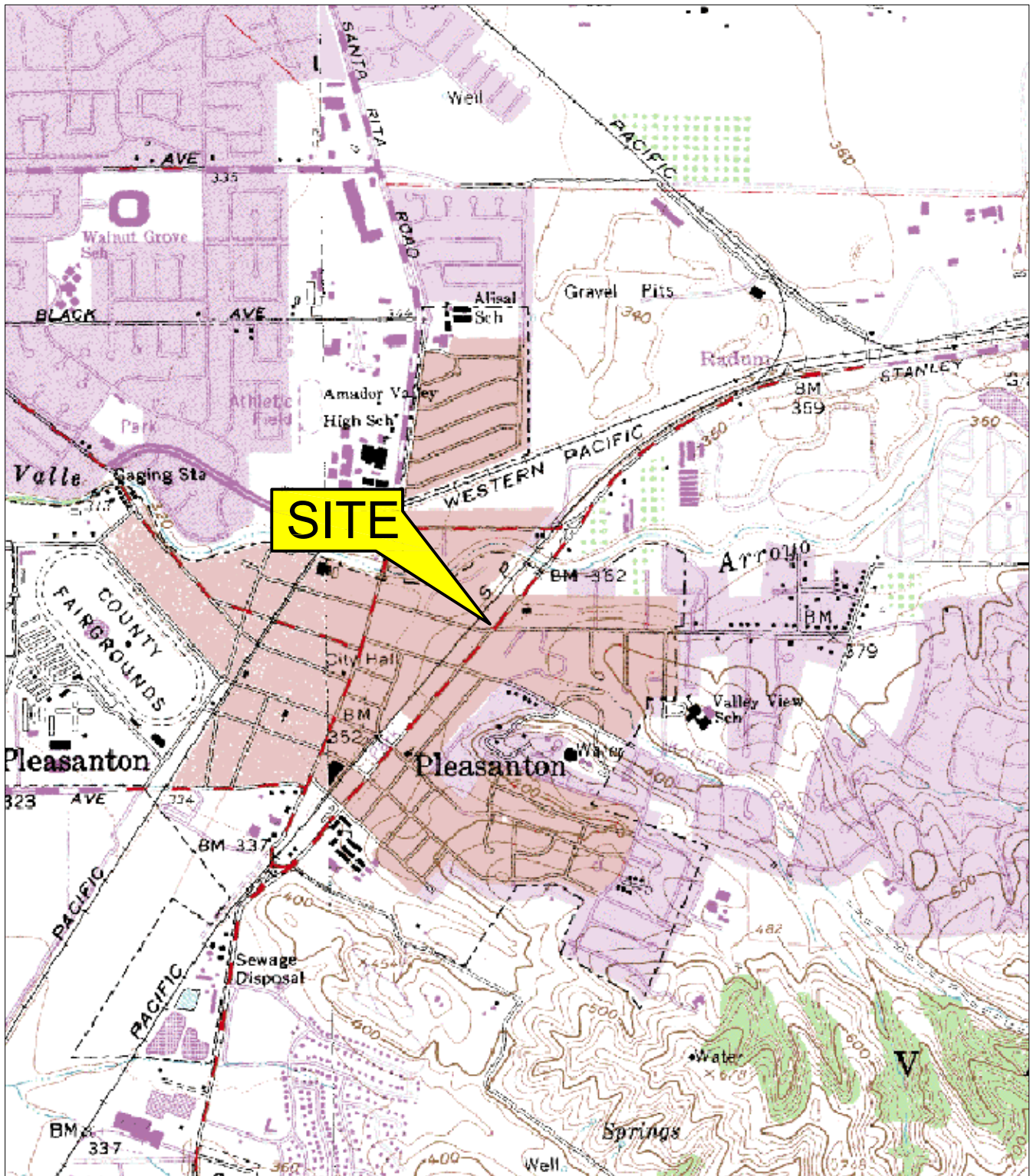


FIGURE 1

SITE LOCATION MAP

76 STATION NO. 7376
 4191 FIRST STREET
 PLEASANTON, CALIFORNIA

PROJECT NO. C107376	DRAWN BY JH 03/28/08
FILE NO. 7376-SiteLocator	PREPARED BY LS
REVISION NO.	REVIEWED BY DD



SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC MAP, LIVERMORE QUADRANGLE (1978)

LEGEND

- Approximate property line
- Fence
- - - - - Approximate location of underground petroleum pipeline (KinderMorgan)
- - - - - Approximate location of fiber optic utility line
- Former railroad right-of-way
- MW-12 ⊕ Groundwater monitoring well
- MW-2 ∅ Abandoned well
- SB-1 ● Soil boring (Delta, June 2009)
- CP-1 ⊙ CPT boring (Delta, February 2008)
- SB-1 ⊗ Soil Boring (BSU, 2007)
- B-8 ⊕ Soil Boring (Gettler-Ryan, 1998-1999)
- B-1 ⊙ Soil Boring (ENGE0, 1997)
- EB-1 ● Soil Boring (KEI, 1995)

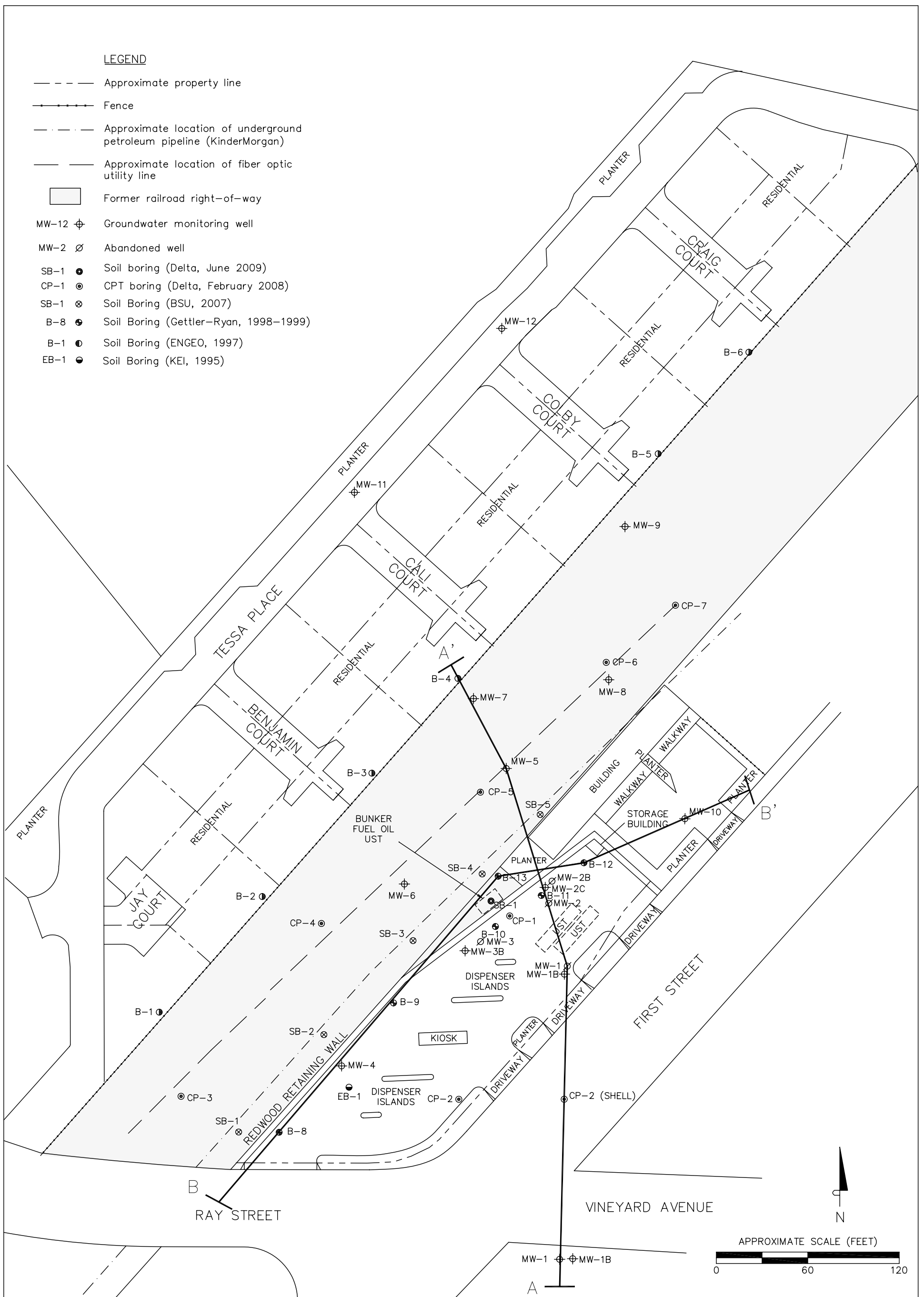


FIGURE 2
SITE PLAN WITH HISTORIC BORING LOCATIONS

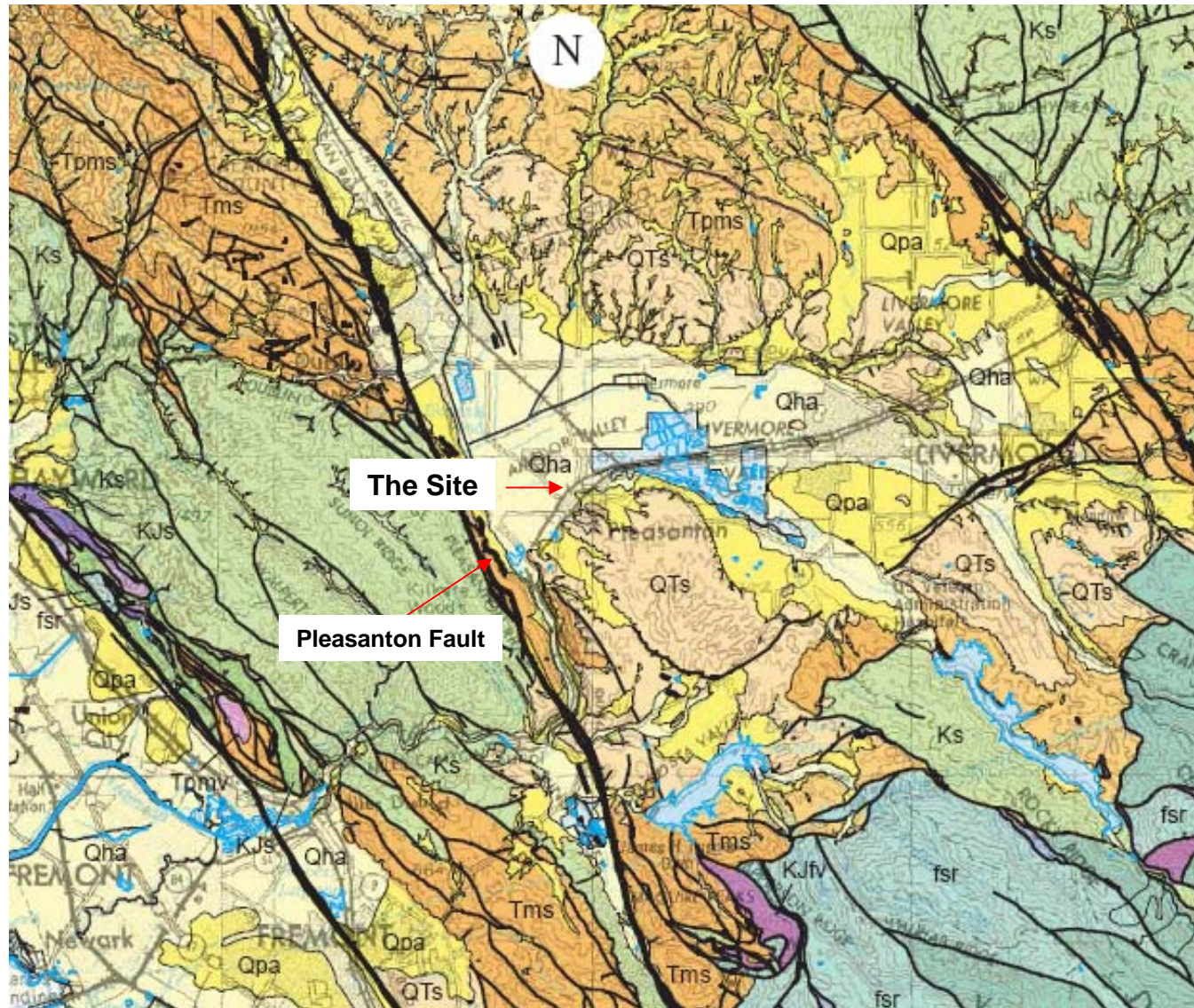
76 SERVICE STATION #7376
4191 FIRST STREET
PLEASANTON, CALIFORNIA

PROJECT NO. C107376	PREPARED BY AB	DRAWN BY JH
DATE 09/24/09	REVIEWED BY JR	FILE NAME 76-7376



SOURCE: Site plan by TRC, 2008 and Gettler-Ryan, August 2000.

Figure 3: Regional Geologic Map



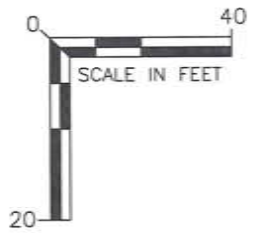
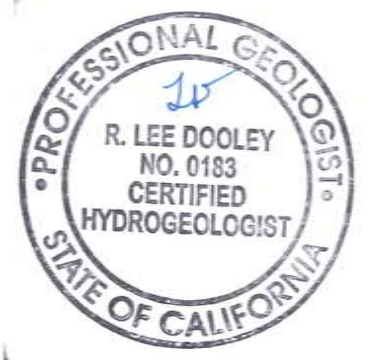
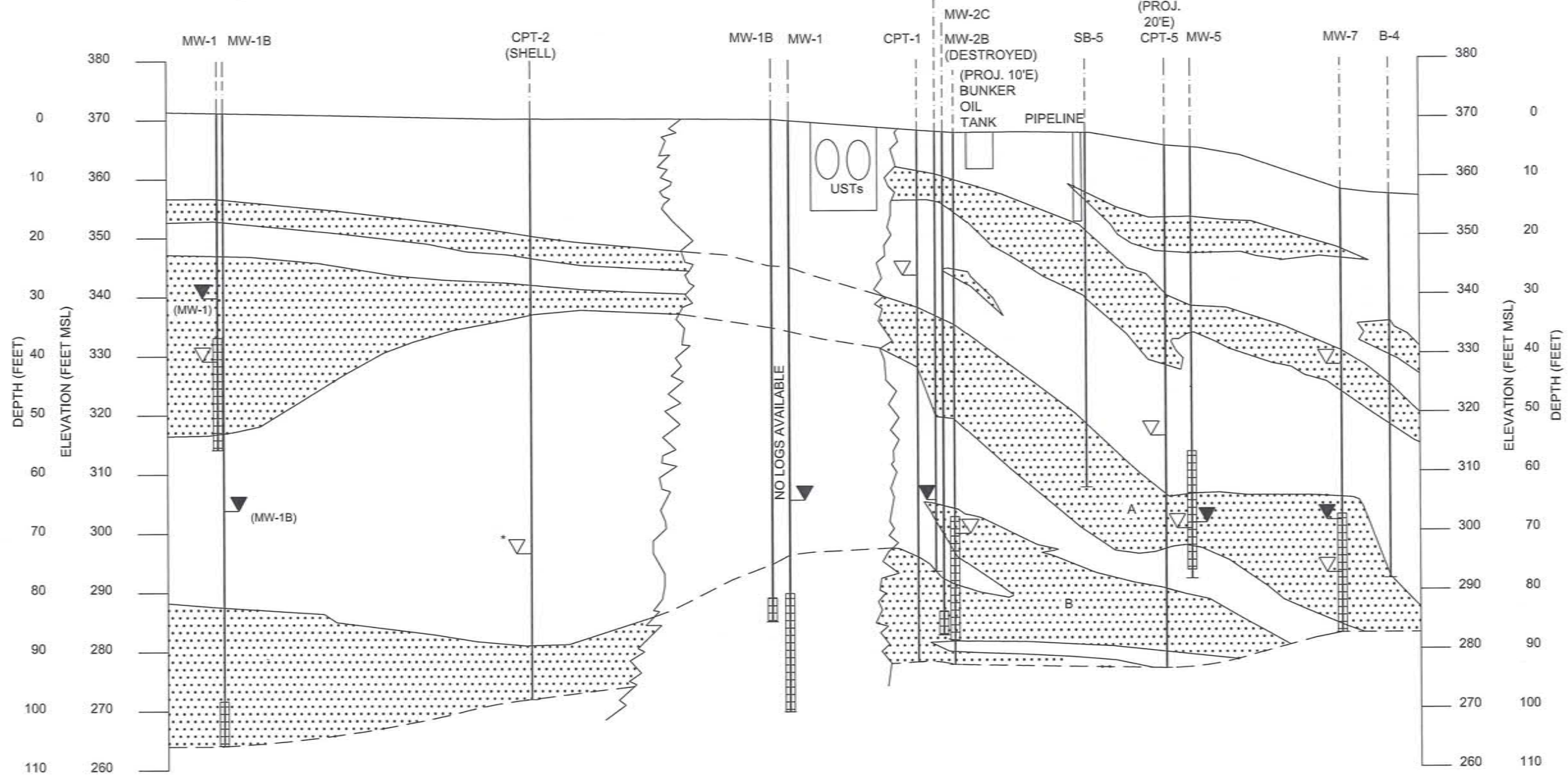
Qha = Holocene alluvium
QTs = Plio-Pleistocene Sediments

Qpa = Pleistocene Alluvium
Ks = Great Valley Complex

SOUTH A

NORTH A'

SHELL | VINEYARD AVENUE | FIRST STREET | 76 STATION | B-11 | TRANSPORTATION CORRIDOR | RESIDENTIAL



LEGEND

- MW-5 MONITORING WELL/BORING NAME
- WELL CASING/EXPLORATORY BORING
- SOIL SAMPLE LOCATION
- WELL SCREEN
- FIRST ENCOUNTERED GROUNDWATER
- STABILIZED WATER LEVEL IN WELLS
6/22/09 COP WELLS
5/27/09 SHELL WELLS
- * CALCULATED FROM CPT DISSIPATION TEST

- PRIMARILY SILT (ML) AND CLAY (CL) WITH SOME CLAYEY SAND (SC) AND CLAYEY GRAVEL (GC)
 - ▤ PRIMARILY SAND (SP, SW) WITH INTERLAYERED SILT (ML), CLAY (CL), SILTY SAND (SM), AND SILTY GRAVEL (GM)
 - ~ APPROXIMATE STRATIGRAPHIC BOUNDARY
- NOTE: STRATIGRAPHY BETWEEN BORINGS IS INTERPRETIVE.
- A = UPPER MOST AQUIFER
 - B = LOWER AQUIFER

FIGURE 4A
CROSS SECTION A-A'

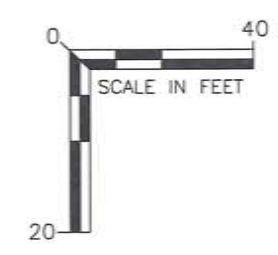
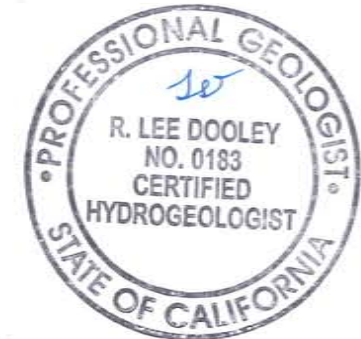
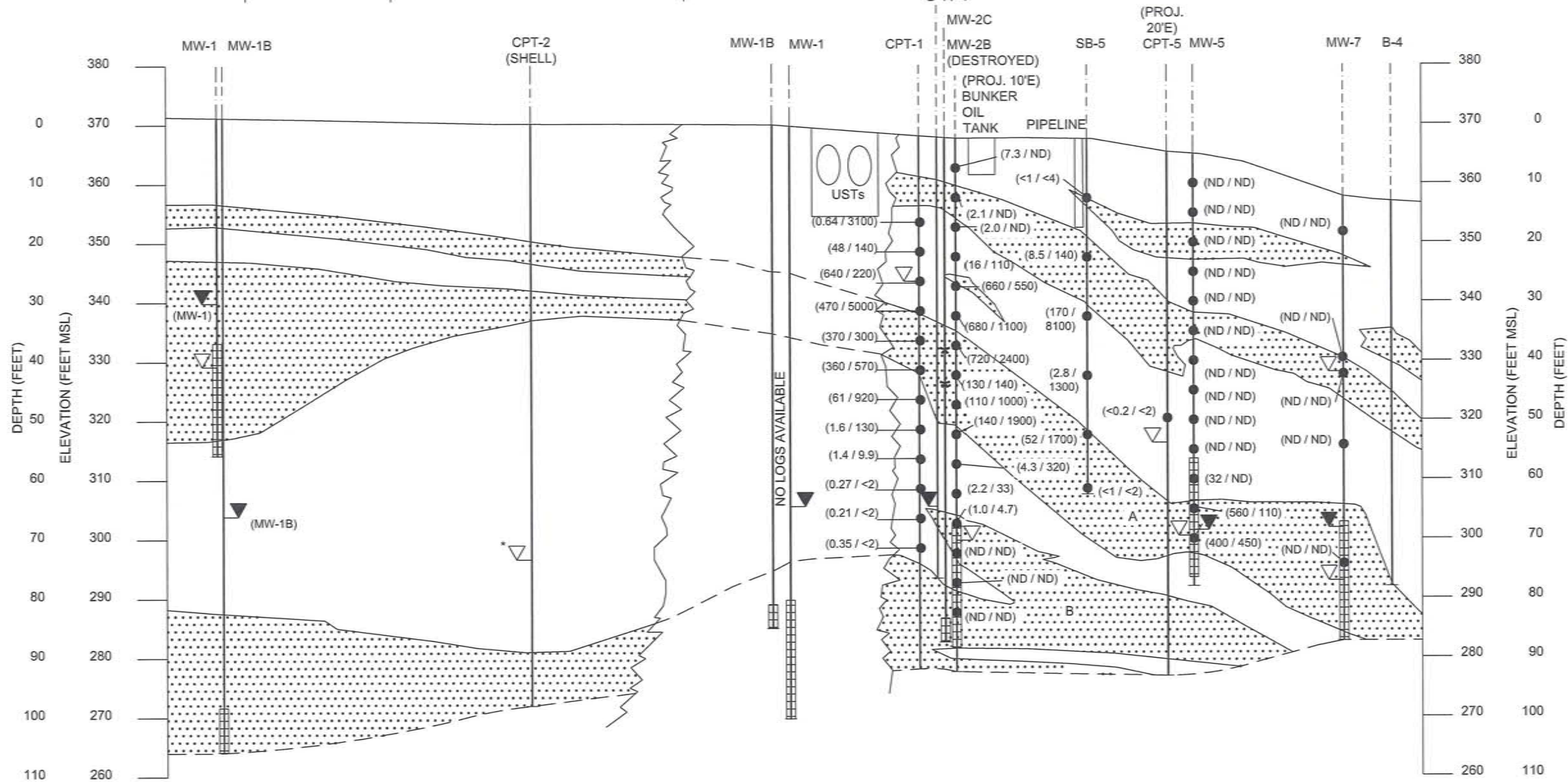
76 SERVICE STATION #7376
4191 FIRST STREET
PLEASANTON, CALIFORNIA

PROJECT NO. C107376	PREPARED BY LD	DRAWN BY JH	
DATE 09/24/09	REVIEWED BY LH	FILE NAME 76-7376	

SOUTH A

NORTH A'

SHELL | VINEYARD AVENUE | FIRST STREET | 76 STATION | B-11 | TRANSPORTATION CORRIDOR | RESIDENTIAL



LEGEND

- MW-5 MONITORING WELL/BORING NAME
- WELL CASING/EXPLORATORY BORING
- SOIL SAMPLE LOCATION
- WELL SCREEN
- FIRST ENCOUNTERED GROUNDWATER
- STABILIZED WATER LEVEL IN WELLS
6/22/09 COP WELLS
5/27/09 SHELL WELLS
- * CALCULATED FROM CPT DISSIPATION TEST
- PRIMARILY SILT (ML) AND CLAY (CL) WITH SOME CLAYEY SAND (SC) AND CLAYEY GRAVEL (GC)
- SOIL SAMPLE LOCATION WITH ANALYTICAL DATA: TPH-G, TPH-D (mg/kg)
- * SOIL SAMPLE CONTAINED SEPARATE PLUME HYDROCARBONS
- PRIMARILY SAND (SP, SW) WITH INTERLAYERED SILT (ML), CLAY (CL), SILTY SAND (SM), AND SILTY GRAVEL (GM)
- ~ APPROXIMATE STRATIGRAPHIC BOUNDARY
- NOTE: STRATIGRAPHY BETWEEN BORINGS IS INTERPRETIVE.
- A = UPPER MOST AQUIFER
- B = LOWER AQUIFER
- ND < 2 = NOT DETECTED ABOVE LABORATORY REPORTING LIMITS
- NA = NOT ANALYZED
- TPH-G = TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
- TPH-D = TOTAL PETROLEUM HYDROCARBONS AS DIESEL
- mg/kg = MILLIGRAMS PER KILOGRAM

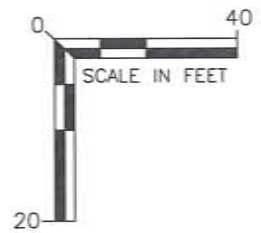
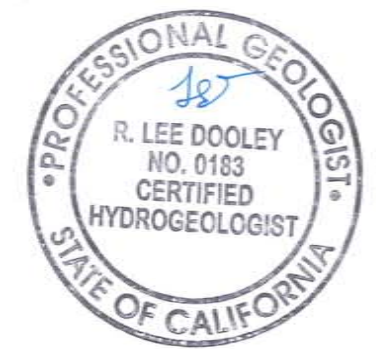
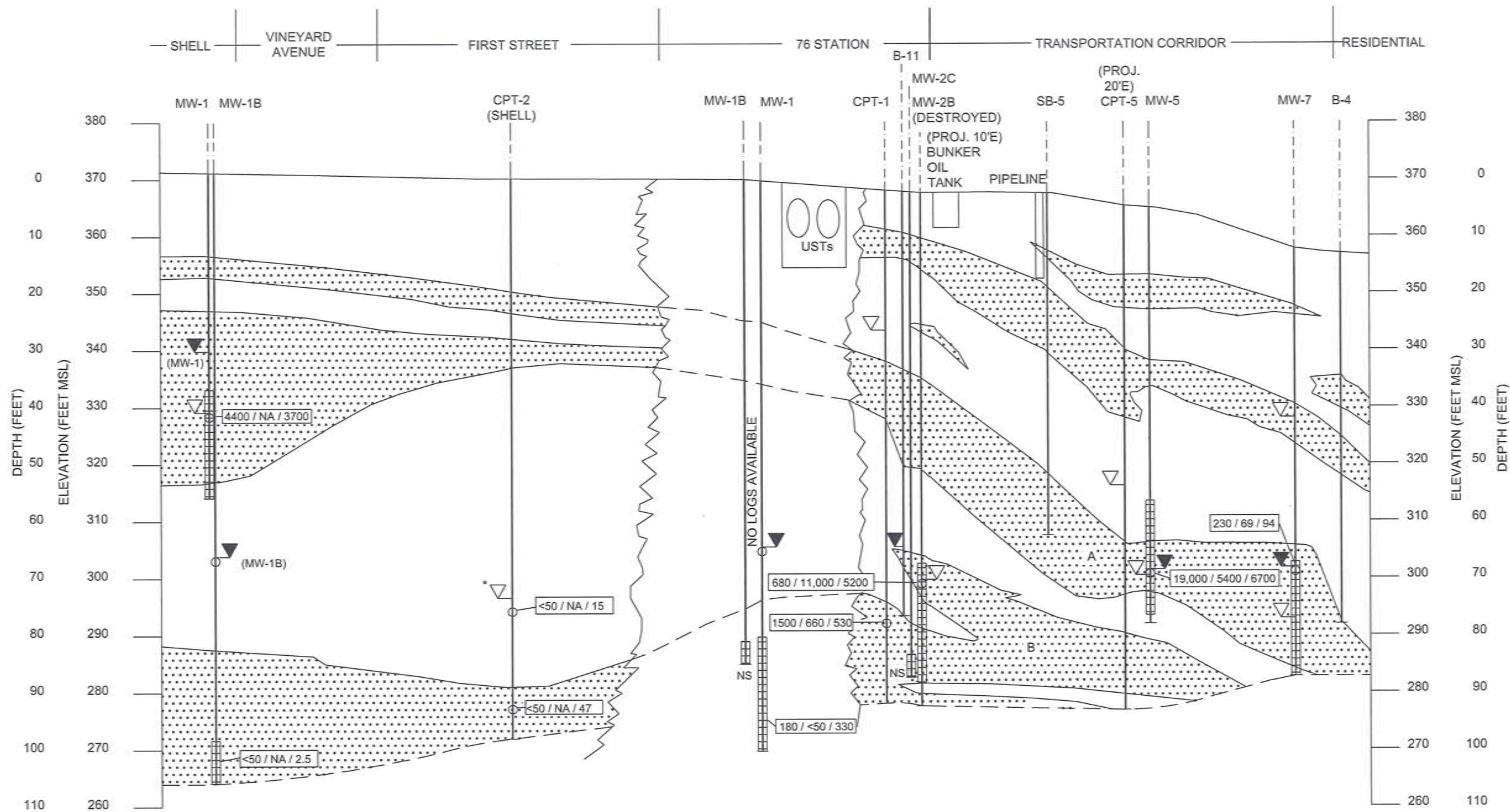
FIGURE 4B
CROSS SECTION A-A'
SOIL ANALYTICAL DATA
76 SERVICE STATION #7376
4191 FIRST STREET
PLEASANTON, CALIFORNIA

PROJECT NO. C107376	PREPARED BY LD	DRAWN BY JH
DATE 09/24/09	REVIEWED BY LH	FILE NAME 76-7376



SOUTH A

NORTH A'

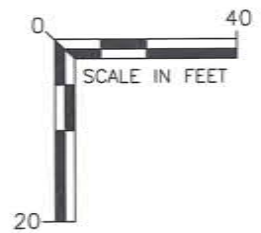
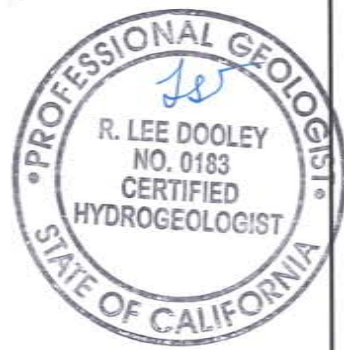
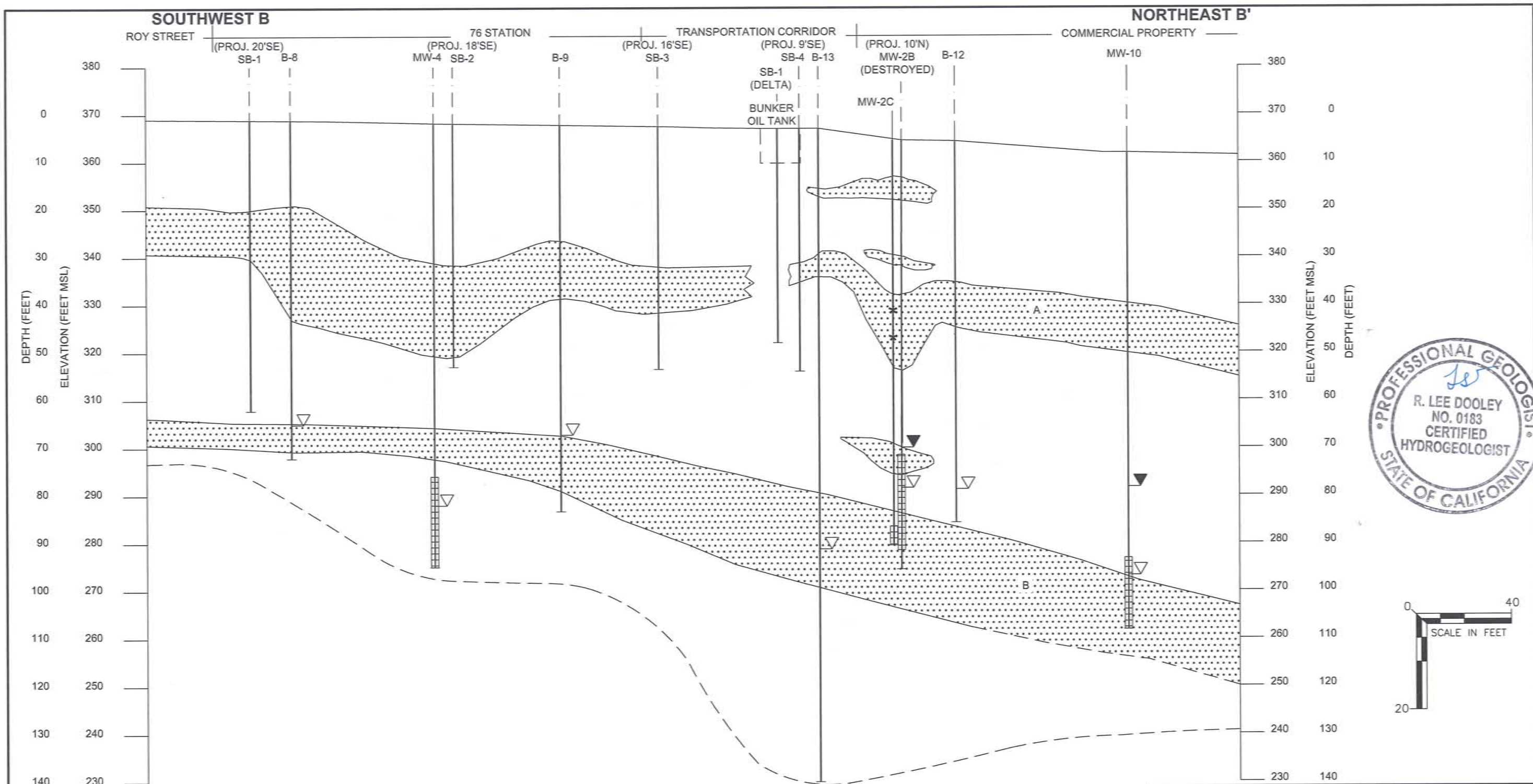


LEGEND

- MW-5 MONITORING WELL/BORING NAME
- WELL CASING/EXPLORATORY BORING
- SOIL SAMPLE LOCATION
- WELL SCREEN
- FIRST ENCOUNTERED GROUNDWATER
- STABILIZED WATER LEVEL IN WELLS
6/22/09 COP WELLS
5/27/09 SHELL WELLS
- * CALCULATED FROM CPT DISSIPATION TEST
- PRIMARILY SILT (ML) AND CLAY (CL) WITH SOME CLAYEY SAND (SC) AND CLAYEY GRAVEL (GC)
- PRIMARILY SAND (SP, SW) WITH INTERLAYERED SILT (ML), CLAY (CL), SILTY SAND (SM), AND SILTY GRAVEL (GM)
- APPROXIMATE STRATIGRAPHIC BOUNDARY
- NOTE: STRATIGRAPHY BETWEEN BORINGS IS INTERPRETIVE.
- A = UPPER MOST AQUIFER
- B = LOWER AQUIFER
- 620/11,000/5,200 ○ GROUNDWATER SAMPLE LOCATION WITH ANALYTICAL DATA: TPH-G, TPH-D, MTBE(ug/L)
- MW-1 3/26/09
- MW-2B 3/26/09
- MW-5 6/22/09
- MW-7 6/22/09
- CPT-12/18/08
- ND = NOT DETECTED ABOVE LABORATORY REPORTING LIMITS
- NA = NOT ANALYZED
- NS = NOT SAMPLED - TO BE SAMPLED 3Q09
- TPH-G = TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
- TPH-D = TOTAL PETROLEUM HYDROCARBONS AS DIESEL
- MTBE = METHYL TERT BUTYL ETHER
- ug/L = MICROGRAMS PER LITER

FIGURE 4C
CROSS SECTION A-A'
GROUNDWATER ANALYTICAL RESULTS
76 SERVICE STATION #7376
4191 FIRST STREET
PLEASANTON, CALIFORNIA

PROJECT NO. C107376	PREPARED BY LD	DRAWN BY JH
DATE 09/24/09	REVIEWED BY LH	FILE NAME 76-7376



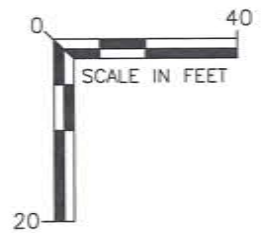
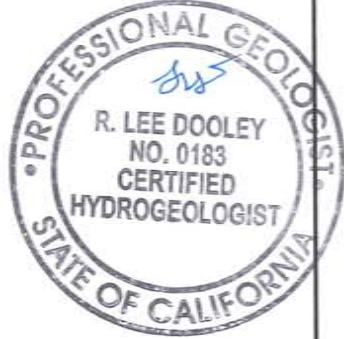
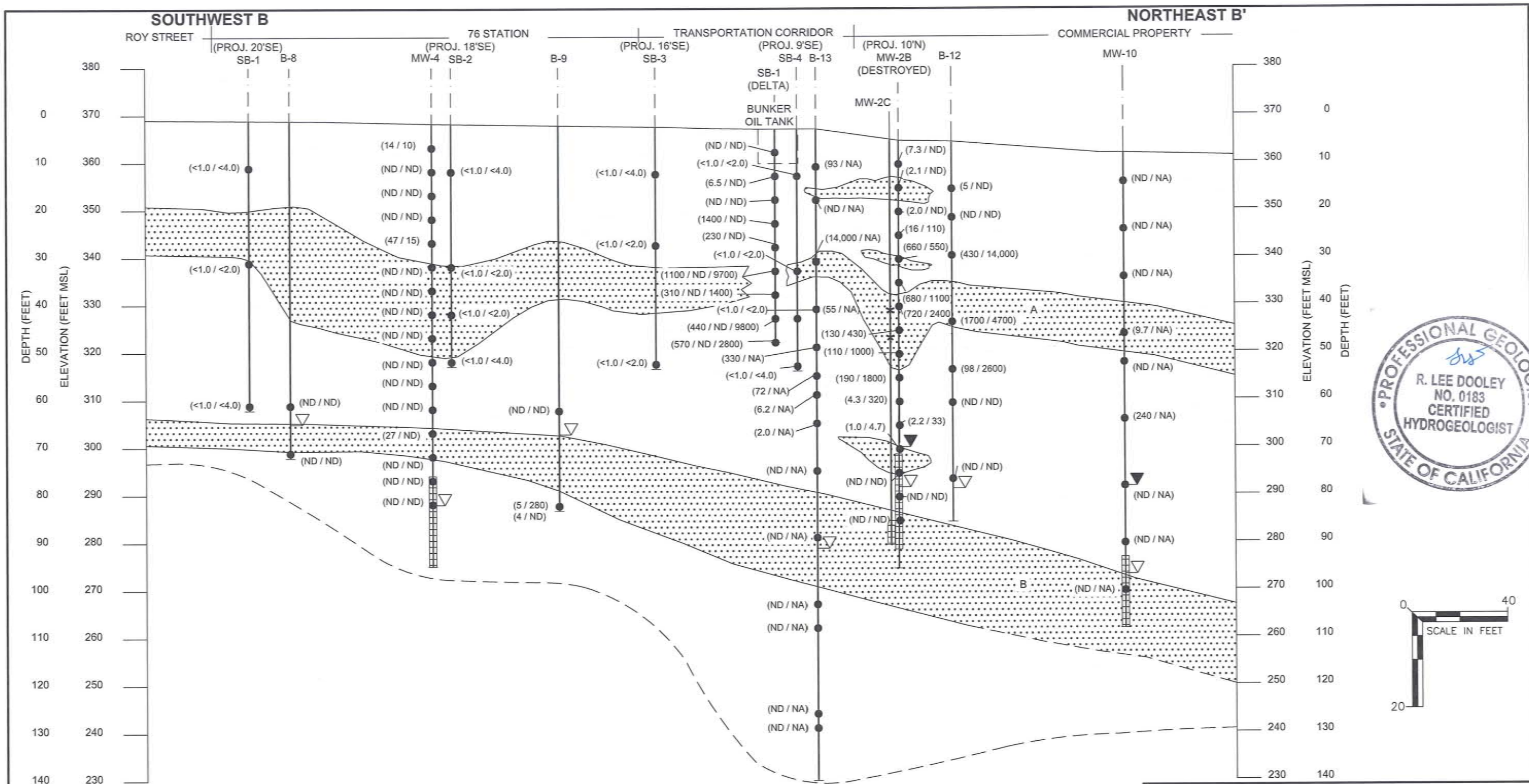
- LEGEND**
- MW-5 MONITORING WELL/BORING NAME
 - WELL CASING/EXPLORATORY BORING
 - SOIL SAMPLE LOCATION
 - WELL SCREEN
 - ▽ FIRST ENCOUNTERED GROUNDWATER
 - ▲ STABILIZED WATER LEVEL IN WELLS
6/22/09 COP WELLS
5/27/09 SHELL WELLS

- PRIMARILY SILT (ML) AND CLAY (CL) WITH SOME CLAYEY SAND (SC) AND CLAYEY GRAVEL (GC)
 - ▤ PRIMARILY SAND (SP, SW) WITH INTERLAYERED SILT (ML), CLAY (CL), SILTY SAND (SM), AND SILTY GRAVEL (GM)
 - APPROXIMATE STRATIGRAPHIC BOUNDARY
- NOTE: STRATIGRAPHY BETWEEN BORINGS IS INTERPRETIVE.
 A = UPPER MOST AQUIFER
 B = LOWER AQUIFER

FIGURE 5A
CROSS SECTION B-B'

76 SERVICE STATION #7376
4191 FIRST STREET
PLEASANTON, CALIFORNIA

PROJECT NO. C107376	PREPARED BY LD	DRAWN BY JH
DATE 09/23/09	REVIEWED BY LH	FILE NAME 76-7376



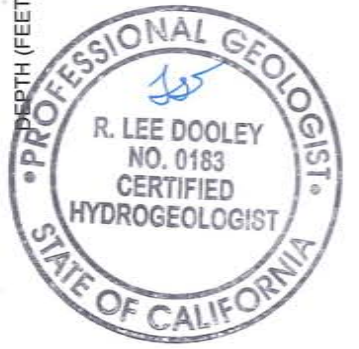
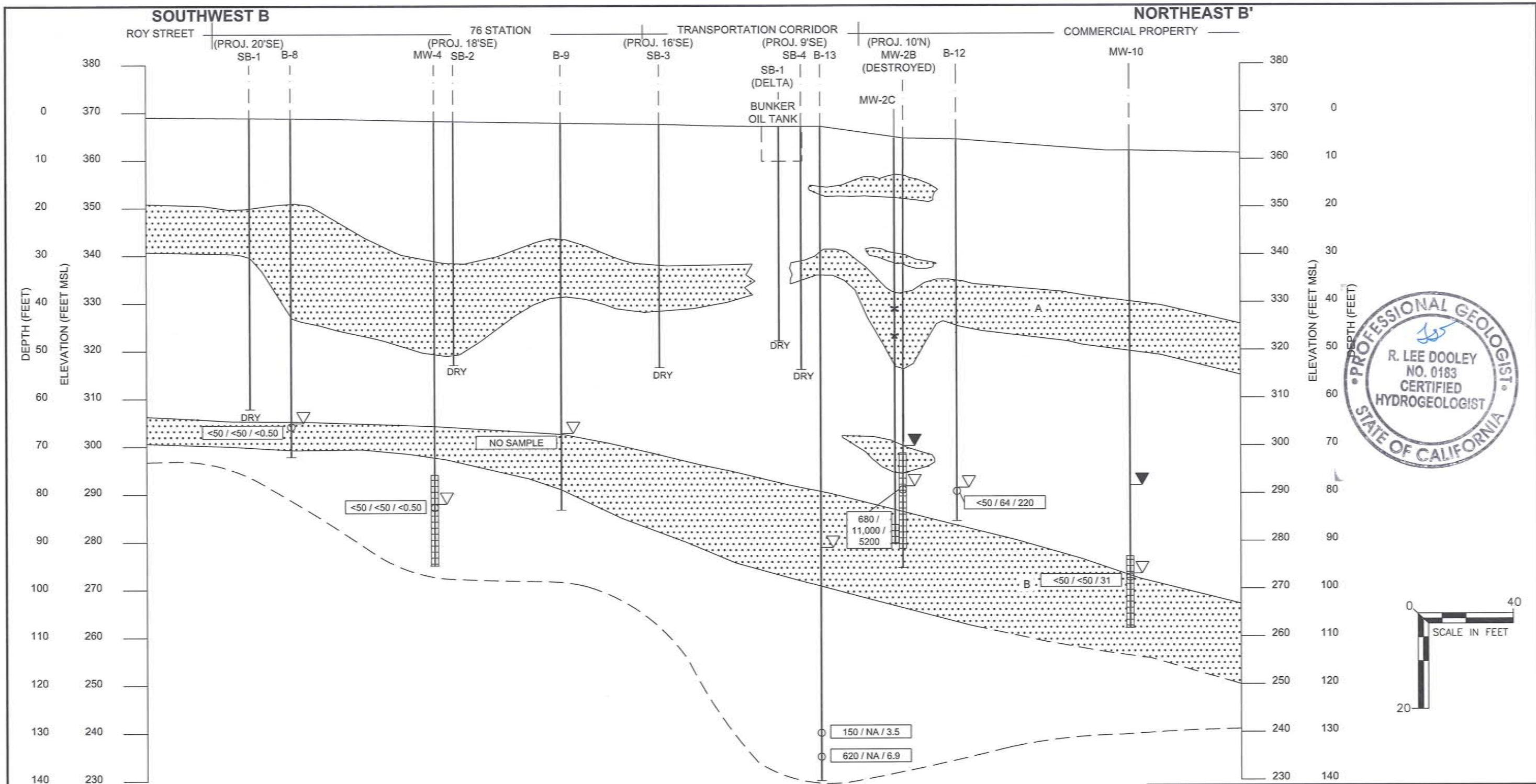
LEGEND

MW-5	MONITORING WELL/BORING NAME		PRIMARILY SILT (ML) AND CLAY (CL) WITH SOME CLAYEY SAND (SC) AND CLAYEY GRAVEL (GC)	(98 / 2600)	●	SOIL SAMPLE LOCATION WITH ANALYTICAL DATA: TPH-G, TPH-D (mg/kg)
	WELL CASING/EXPLORATORY BORING		PRIMARILY SAND (SP, SW) WITH INTERLAYERED SILT (ML), CLAY (CL), SILTY SAND (SM), AND SILTY GRAVEL (GM)		*	SOIL SAMPLE CONTAINED SEPARATE PLUME HYDROCARBONS
	SOIL SAMPLE LOCATION		APPROXIMATE STRATIGRAPHIC BOUNDARY			NOTE: SB-1(DELTA) SOIL SAMPLES AT 30', 35', 40', AND 45' DEPTHS CONTAIN SOIL ANALYTICAL DATA FROM ANALYTES TPH-G, TPH-D AND TPH-FUEL OIL #6.
	WELL SCREEN					ND = NOT DETECTED ABOVE LABORATORY REPORTING LIMITS
	FIRST ENCOUNTERED GROUNDWATER					NA = NOT ANALYZED
	STABILIZED WATER LEVEL IN WELLS					TPH-G = TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
	6/22/09 COP WELLS					TPH-D = TOTAL PETROLEUM HYDROCARBONS AS DIESEL
	5/27/09 SHELL WELLS					mg/kg = MILLIGRAMS PER KILOGRAM

NOTE: STRATIGRAPHY BETWEEN BORINGS IS INTERPRETIVE.
 A = UPPER MOST AQUIFER
 B = LOWER AQUIFER

FIGURE 5B
CROSS SECTION B-B'
SOIL ANALYTICAL DATA
76 SERVICE STATION #7376
4191 FIRST STREET
PLEASANTON, CALIFORNIA

PROJECT NO. C107376	PREPARED BY LD	DRAWN BY JH
DATE 09/23/09	REVIEWED BY LH	FILE NAME 76-7376



LEGEND

MW-5	MONITORING WELL/BORING NAME		PRIMARILY SILT (ML) AND CLAY (CL) WITH SOME CLAYEY SAND (SC) AND CLAYEY GRAVEL (GC)		GROUNDWATER SAMPLE LOCATION WITH ANALYTICAL DATA: TPH-G, TPH-D, MTBE(ug/L)
	WELL CASING/EXPLORATORY BORING		PRIMARILY SAND (SP, SW) WITH INTERLAYERED SILT (ML), CLAY (CL), SILTY SAND (SM), AND SILTY GRAVEL (GM)	MW-2B 3/26/09	
	SOIL SAMPLE LOCATION		APPROXIMATE STRATIGRAPHIC BOUNDARY	MW-4 6/22/09	
	WELL SCREEN			MW-10 6/22/09	
	FIRST ENCOUNTERED GROUNDWATER			<50	= NOT DETECTED ABOVE LABORATORY REPORTING LIMITS
	STABILIZED WATER LEVEL IN WELLS			NA	= NOT ANALYZED
	6/22/09 COP WELLS			TPH-G	= TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
	5/27/09 SHELL WELLS			TPH-D	= TOTAL PETROLEUM HYDROCARBONS AS DIESEL
				MTBE	= METHYL TERT BUTYL ETHER
				ug/L	= MICROGRAMS PER LITER

NOTE: STRATIGRAPHY BETWEEN BORINGS IS INTERPRETIVE.
 A = UPPER MOST AQUIFER
 B = LOWER AQUIFER

FIGURE 5C
CROSS SECTION B-B'
GROUNDWATER ANALYTICAL RESULTS
76 SERVICE STATION #7376
4191 FIRST STREET
PLEASANTON, CALIFORNIA

PROJECT NO. C107376	PREPARED BY LD	DRAWN BY JH
DATE 09/23/09	REVIEWED BY LH	FILE NAME 76-7376

DELTA

TABLE

Table 1
Well Construction Details
 ConocoPhillips Site 7376
 4191 First Street
 Pleasanton, California

Well ID	Installation Date	Boring Depth fbg	Well Depth fbg	Boring Diameter	Well Diameter (inches)	Screen Interval fbg	Screen Size (inches)	Sand Filter Pack Size	Location	Status
MW-1	Dec-87	96.5	95	8	2	65-95	0.02	#3	Onsite	Destroyed June 2009
MW-2	Dec-87	96.5	85	8	2	55-85	0.02	#3	Onsite	Destroyed 1995
MW-3	Dec-87	96.5	95	8	2	65-95	0.02	#3	Onsite	Destroyed June 2009
MW-2B	2/6/1995	91	85	8.5	2	65-85	0.01	#2/12	Onsite	Destroyed June 2009
MW-4	7/24/1996	93	93	8.5	2	73-93	0.01	#2/12	Onsite	Active
MW-5	7/23/1996	73.5	72	8.5	2	52-72	0.01	#2/12	Offsite	Active
MW-6	7/24/1996	88	88	8.5	2	68-88	0.01	#2/12	Offsite	Active
MW-7	8/14/1998	75	75	8	2	55-75	0.02	#3	Offsite	Active
MW-8	6/12/1998	87.2	86	8	2	66-86	0.02	#3	Offsite	Active
MW-9	10/7/1999	76	75	8	2	55-75	0.02	#3	Offsite	Active
MW-10	11/21/1999	100	100	8	2	83-100	0.02	#3	Offsite	Active
MW-11	9/17/2001	91	86	8	2	66-86	0.02	#3	Offsite	Active
MW-12	9/18/2001	88	88	8	2	68-88	0.02	#3	Offsite	Active
MW-1B	6/9/2009	82.5	82	8	2	80-82	0.01	#2/12	Onsite	Active
MW-2C	6/12/2009	82.5	82	8	2	80-82	0.01	#2/12	Onsite	Active
MW-3B	6/15/2009	82.5	82	8	2	80-82	0.01	#2/12	Onsite	Active

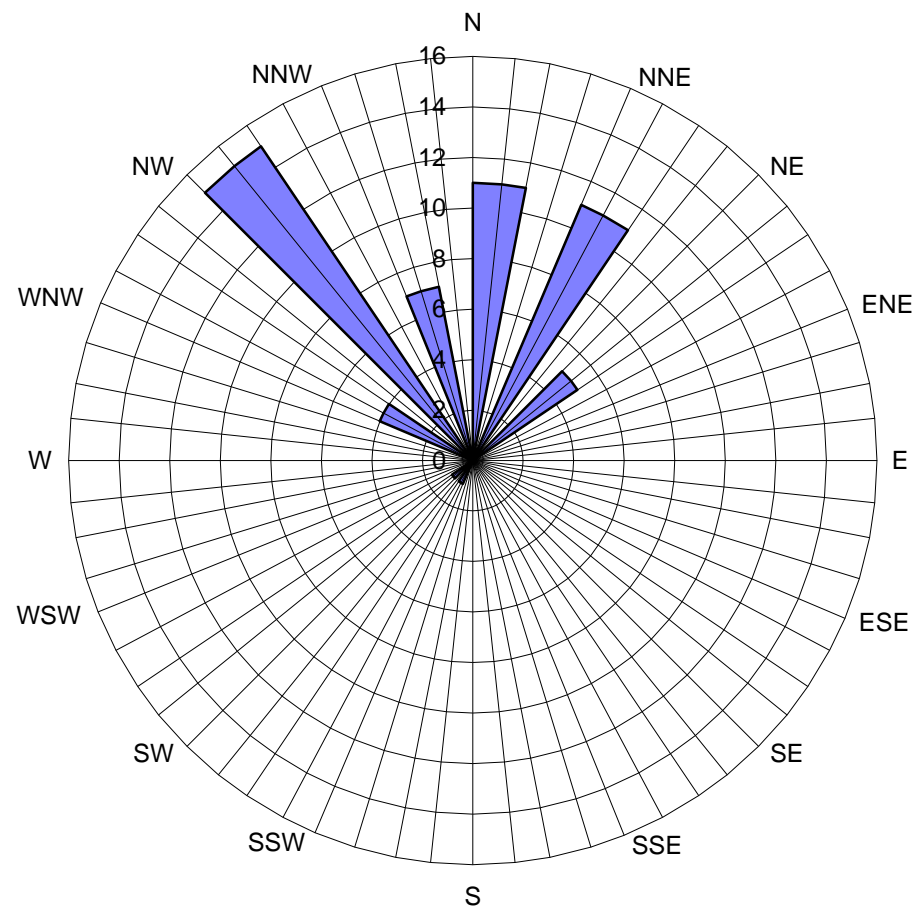
Notes:
 Feet below grade

TABLE 2
Groundwater Gradient and Flow Direction

ConocoPhillips Site Number 7376
4191 First Street
Pleasanton, California

Site	Monitoring Date	Groundwater Gradient (feet per foot)	Groundwater Flow Direction															
			N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
7376	03/01/95	0.053	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
	06/01/95	0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
	09/09/95	0.008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
	12/12/95	0.006	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
	03/01/96	0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
	06/15/96	0.001	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
	09/18/96	0.01	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
	12/21/96	0.03	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
	03/07/97	0.05	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
	06/27/97	0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	09/29/97	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
	12/15/97	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
	03/16/98	0.02	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
	06/26/98	0.08	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
	09/22/09	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
	12/23/98	0.074	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
	03/23/99	0.02	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	6/7/99	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
	9/3/99	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
	12/6/99	0.111	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
	3/10/00	0.101	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
	6/8/00	0.071	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
	9/25/00	0.15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
	12/19/00	0.12	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3/5/01	0.09	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	6/14/01	0.13	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
	9/17/01	0.15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
	12/17/01	0.11	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
	3/15/02	0.175	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	6/20/02	0.185	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	9/27/02	DRY (only 2 wells)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	12/30/02	DRY (only 2 wells)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3/26/03	0.15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
	6/10/03	0.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
	9/9/03	0.11	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
	12/10/03	0.2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3/9/04	0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	6/21/04	0.1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
	9/8/04	0.07	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
	12/10/04	0.073	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
	3/17/05	0.05	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	6/15/05	0.04	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
	9/20/05	0.11	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	12/29/05	0.02	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
	3/15/06	0.05	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
	6/28/06	0.06	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
	9/28/06	0.01	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
	12/11/06	0.009	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
	3/19/07	0.015	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
	6/15/07	0.053	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
	9/24/07	0.006	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
	12/27/07	0.001	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3/25/08	0.07	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
	6/6/08	0.037	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
	9/5/2008	0.048	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
	12/8/2009	0.004	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3/26/2009	0.043	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
	6/22/2009	NA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0.071 Average	11	11	5	0	0	0	0	0	0	1	1	0	0	4	15	7
Explanation																		
NA = Not available																		
Number of Events = 58																		

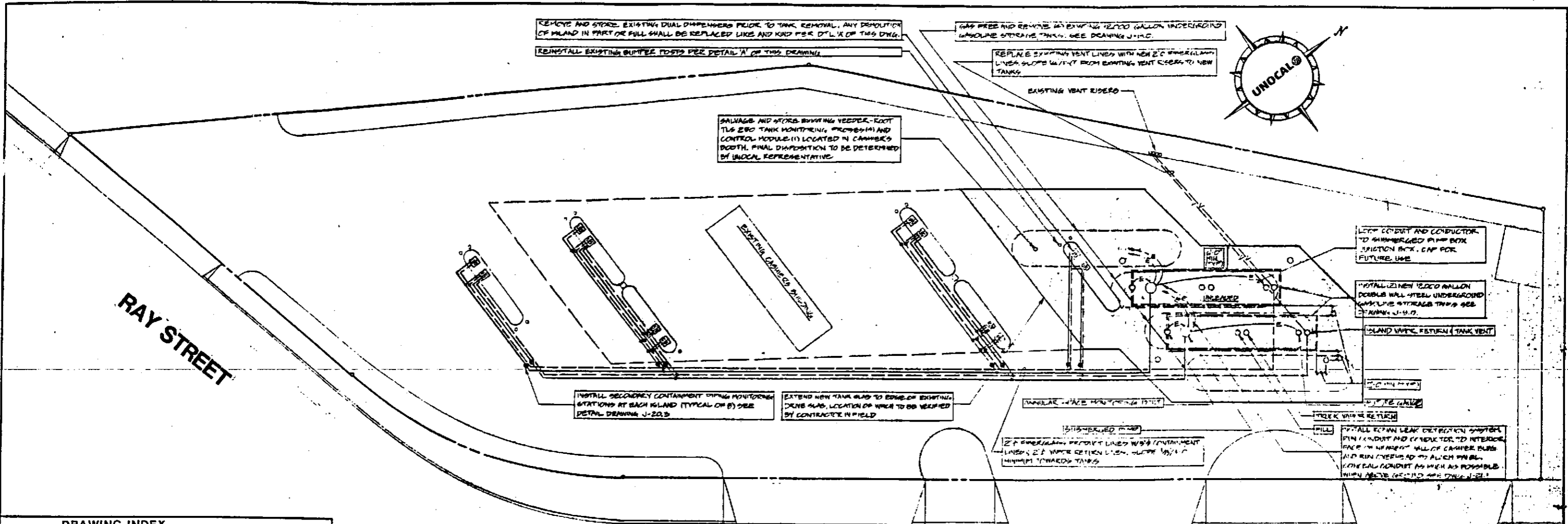
Figure 4
Groundwater Flow Rose Diagram
ConocoPhillips Site No. 7376
4191 First Street
Pleasanton, California



Legend
Concentric circles represent
quarterly monitoring events
First Quarter 1995 through Third
Quarter 2009
58 data points shown

■ Groundwater Flow Direction

ATTACHMENT A
Historic Facility Plans



DRAWING INDEX		
DATE	DRG. NO.	DESCRIPTION
		SCOPE OF WORK
11/17/87	J-1	GENERAL ARRANGEMENT
11/17/87	J-2	GENERAL SPECIFICATIONS, PIPING AND TESTING
11/17/87	J-3.0	PETROLEUM PIPING DETAILS
11/17/87	J-4.0	DOUBLE WALL STEEL UNDERGROUND STORAGE TANKS
11/17/87	J-5.0	CONCRETE TANK SLAB DETAILS-PRODUCT TANKS
11/17/87	J-6	SPECIFICATIONS FOR REMOVAL & DISPOSAL OF UNDERGROUND FUEL TANKS
11/17/87	J-9.0	DOUBLE WALL TANK INSTALLATION WITH FLOAT VENT
11/17/87	J-10.0	PETROLEUM PIPING AND TANK DETAILS
11/17/87	J-20.1	A.G. SMITH FIBERGLASS SECONDARY CONTAINMENT SYSTEM
11/17/87	J-21.1	ROHM LEAK DETECTOR SYSTEM

NOTE
 BOXED-IN NOTES INDICATE NEW WORK.
 ALL OTHER NOTES REFER TO EXISTING CONDITIONS.

NOTE: UNION OIL CO. SHALL FILE, OBTAIN AND PAY FOR TANK AND APCD PERMITS. CONTRACTOR SHALL PICK UP TANK PERMITS.

ALL ELECTRICAL RUNS ARE SHOWN SCHEMATICALLY. THE BEST ROUTE SHOULD BE DETERMINED IN THE FIELD AND INSTALLED ACCORDING TO NATIONAL, STATE, AND LOCAL CODE REQUIREMENTS.

ALL PIPING RUNS ARE SHOWN SCHEMATICALLY. THE BEST ROUTE SHOULD BE DETERMINED IN THE FIELD AND INSTALLED ACCORDING TO NATIONAL, STATE, AND LOCAL CODE REQUIREMENTS.

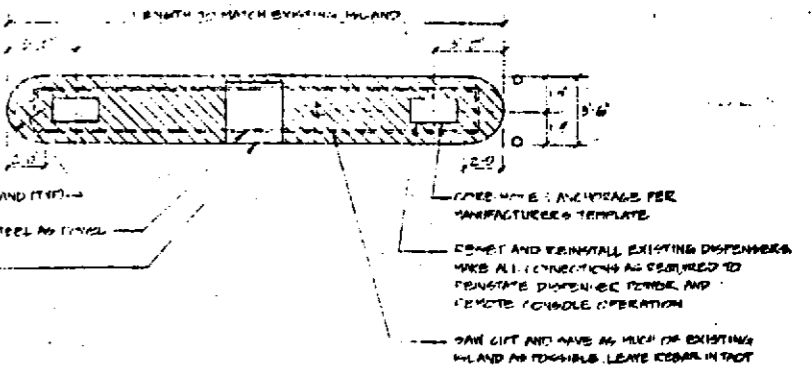
NOTE!
 CONTRACTOR SHALL PERFORM A PETRO-TITE, HUNTER ENVIRONMENTAL, OR N.D.E. TECHNOLOGY TEST ON TANKS AND LINES PRIOR TO LAYING FINISH GRADE ASPHALT OR CONCRETE SLABS ON TANKS AND PETROLEUM TRENCHES.

CONTACT UNOCAL REPRESENTATIVE 48 HOURS PRIOR TO TEST.

FIRST STREET

WESTERN REGION BOX:

#9532



A ISLAND EXTENSION

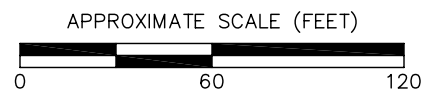
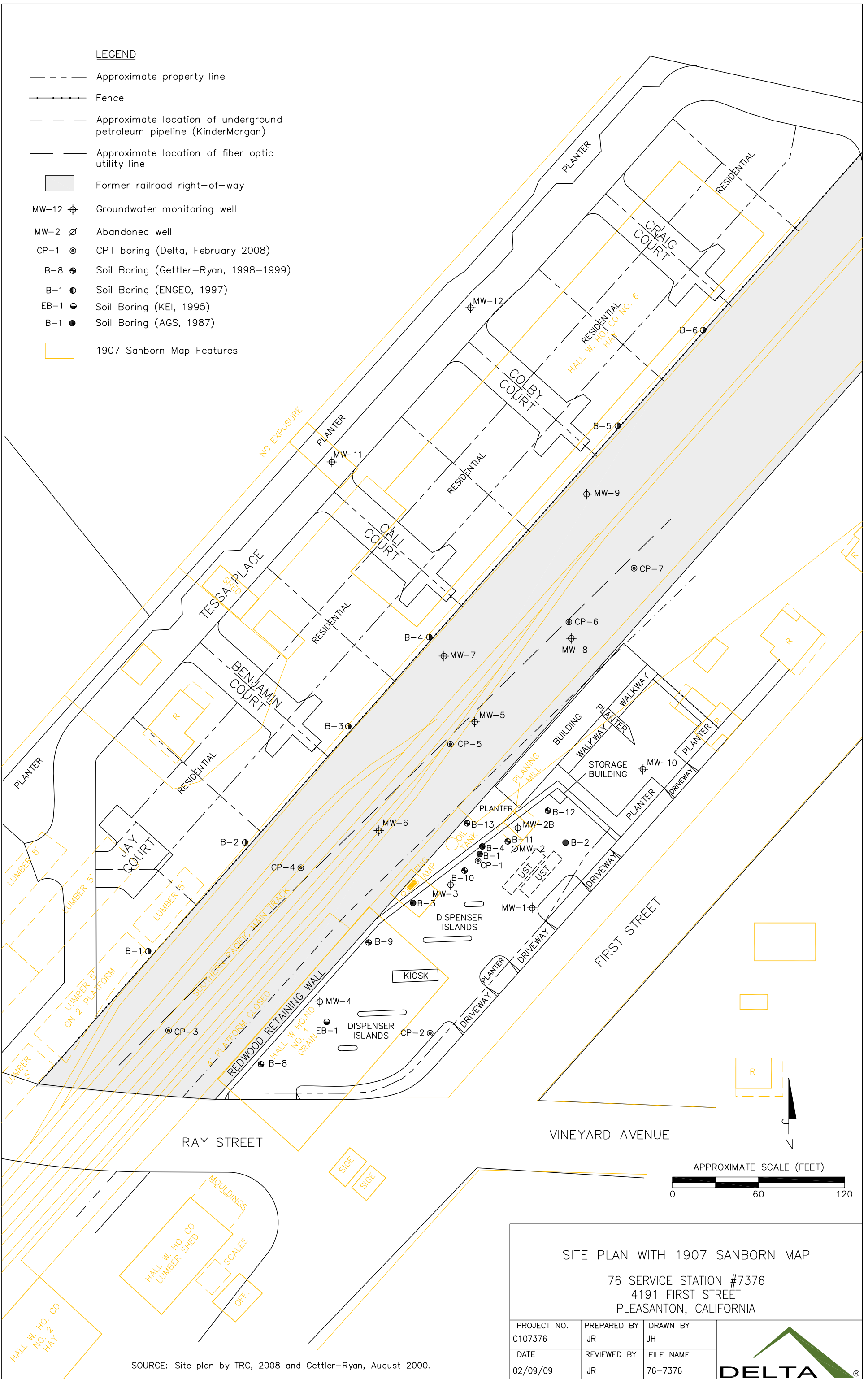
Store #	257376	Date:	11/11/87
Unit #	7376	Code:	GEN
Description:	GEN ARRANGEMENT		

Revised	DATE	BY	DESCRIPTION

TANK REPLACEMENT
GENERAL ARRANGEMENT
SS# 7376
4191 FIRST STREET
PLEASANTON, CALIFORNIA
Unocal Marketing & Marketing Division
UNOCAL
RHL# 12707

LEGEND

- Approximate property line
- Fence
- - - Approximate location of underground petroleum pipeline (KinderMorgan)
- - - Approximate location of fiber optic utility line
- Former railroad right-of-way
- MW-12 ⊕ Groundwater monitoring well
- MW-2 ∅ Abandoned well
- CP-1 ⊙ CPT boring (Delta, February 2008)
- B-8 ⊕ Soil Boring (Gettler-Ryan, 1998-1999)
- B-1 ⊙ Soil Boring (ENGE0, 1997)
- EB-1 ⊙ Soil Boring (KEI, 1995)
- B-1 ● Soil Boring (ACS, 1987)
- 1907 Sanborn Map Features



SITE PLAN WITH 1907 SANBORN MAP
 76 SERVICE STATION #7376
 4191 FIRST STREET
 PLEASANTON, CALIFORNIA

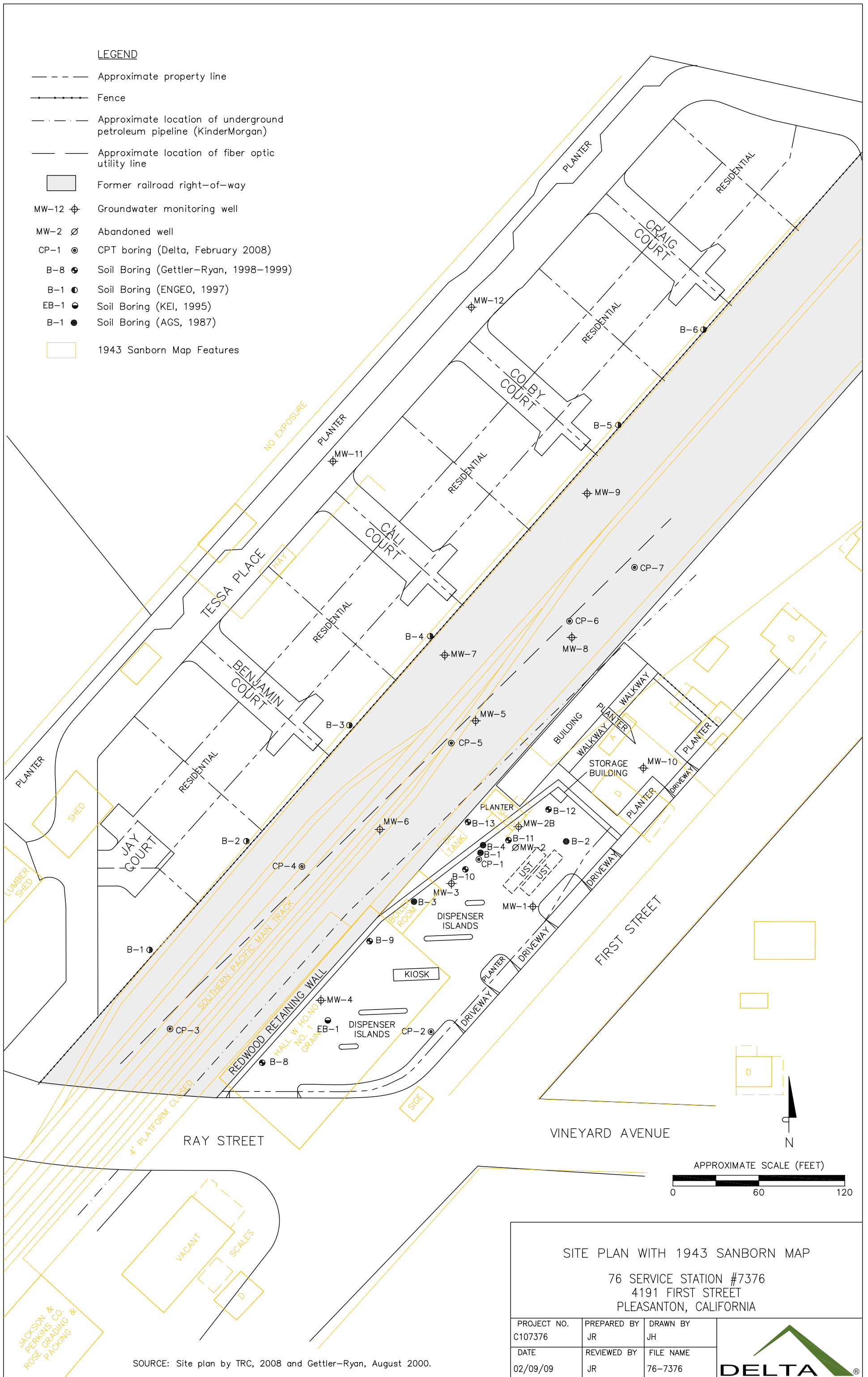
PROJECT NO. C107376	PREPARED BY JR	DRAWN BY JH
DATE 02/09/09	REVIEWED BY JR	FILE NAME 76-7376



SOURCE: Site plan by TRC, 2008 and Gettler-Ryan, August 2000.

LEGEND

- Approximate property line
- Fence
- - - Approximate location of underground petroleum pipeline (KinderMorgan)
- - - Approximate location of fiber optic utility line
- Former railroad right-of-way
- MW-12 ⊕ Groundwater monitoring well
- MW-2 ∅ Abandoned well
- CP-1 ⊙ CPT boring (Delta, February 2008)
- B-8 ⊕ Soil Boring (Gettler-Ryan, 1998-1999)
- B-1 ⊙ Soil Boring (ENGE0, 1997)
- EB-1 ⊙ Soil Boring (KEI, 1995)
- B-1 ⊙ Soil Boring (ACS, 1987)
- 1943 Sanborn Map Features



SITE PLAN WITH 1943 SANBORN MAP

76 SERVICE STATION #7376
 4191 FIRST STREET
 PLEASANTON, CALIFORNIA

PROJECT NO. C107376	PREPARED BY JR	DRAWN BY JH
DATE 02/09/09	REVIEWED BY JR	FILE NAME 76-7376

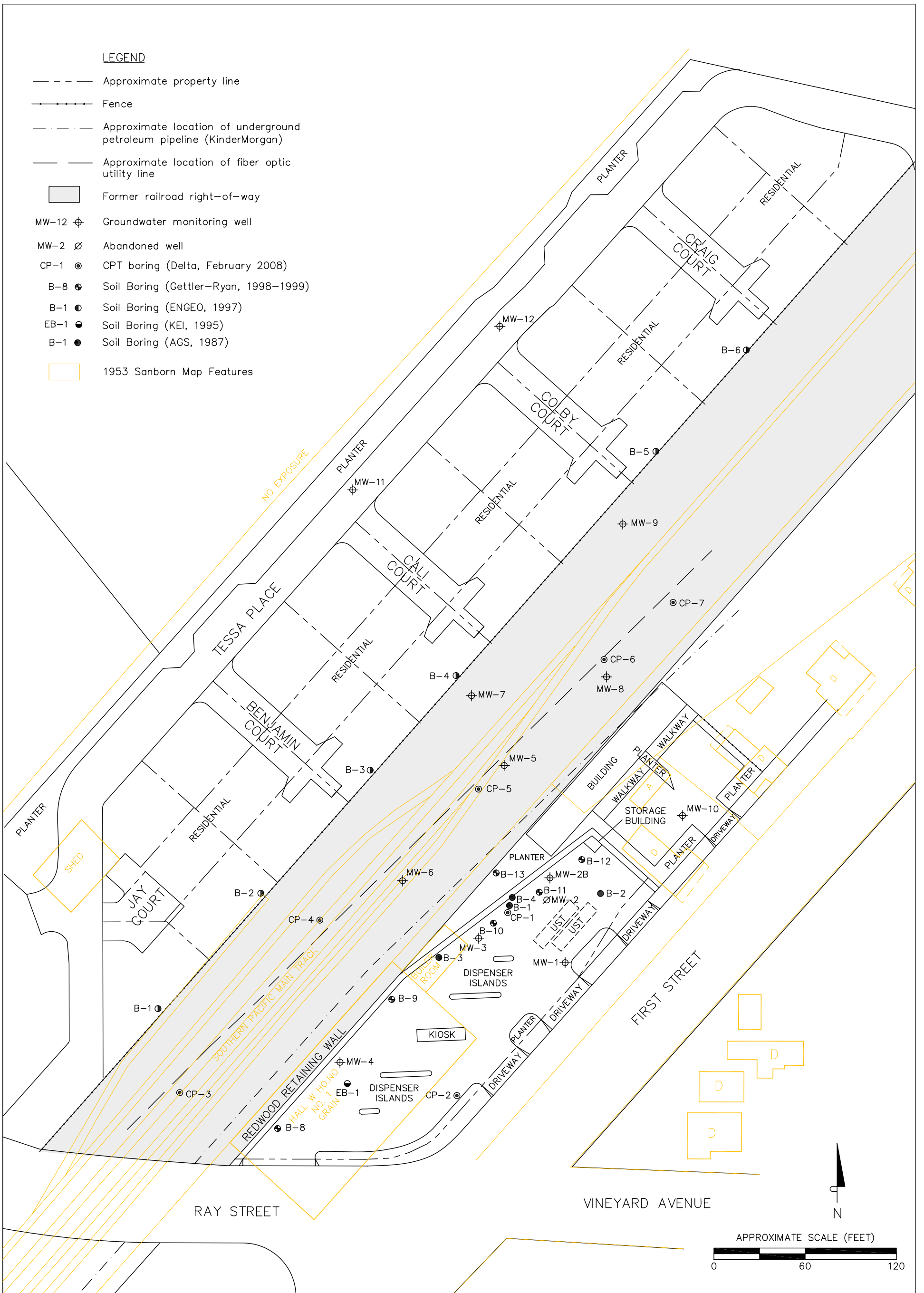


SOURCE: Site plan by TRC, 2008 and Gettler-Ryan, August 2000.

JACKSON &
 PERKINS CO.
 ROSE GRADING &
 PACKING

LEGEND

- Approximate property line
- Fence
- Approximate location of underground petroleum pipeline (KinderMorgan)
- Approximate location of fiber optic utility line
- Former railroad right-of-way
- MW-12 ⊕ Groundwater monitoring well
- MW-2 ∅ Abandoned well
- CP-1 ⊙ CPT boring (Delta, February 2008)
- B-8 ⊕ Soil Boring (Gettler-Ryan, 1998-1999)
- B-1 ⊙ Soil Boring (ENGEO, 1997)
- EB-1 ⊙ Soil Boring (KEI, 1995)
- B-1 ⊙ Soil Boring (AGS, 1987)
- 1953 Sanborn Map Features



JACKSON &
PERKINS CO.
ROSE GRADING
& PACKING

SOURCE: Site plan by TRC, 2008 and Gettler-Ryan, August 2000.

SITE PLAN WITH 1953 SANBORN MAP

76 SERVICE STATION #7376
4191 FIRST STREET
PLEASANTON, CALIFORNIA

PROJECT NO. C107376	PREPARED BY JR	DRAWN BY JH
DATE 02/09/09	REVIEWED BY JR	FILE NAME 76-7376



LEGEND

- Approximate property line
- - - - Fence
- - - - Approximate location of underground petroleum pipeline (KinderMorgan)
- - - - Approximate location of fiber optic utility line
- █ Former railroad right-of-way
- MW-12 ⊕ Groundwater monitoring well
- MW-2 ∅ Abandoned well
- CP-1 ⊙ CPT boring (Delta, February 2008)
- B-8 ⊙ Soil Boring (Gettler-Ryan, 1998-1999)
- B-1 ⊙ Soil Boring (ENGE0, 1997)
- EB-1 ⊙ Soil Boring (KEI, 1995)

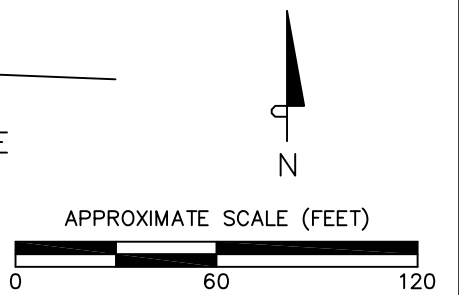
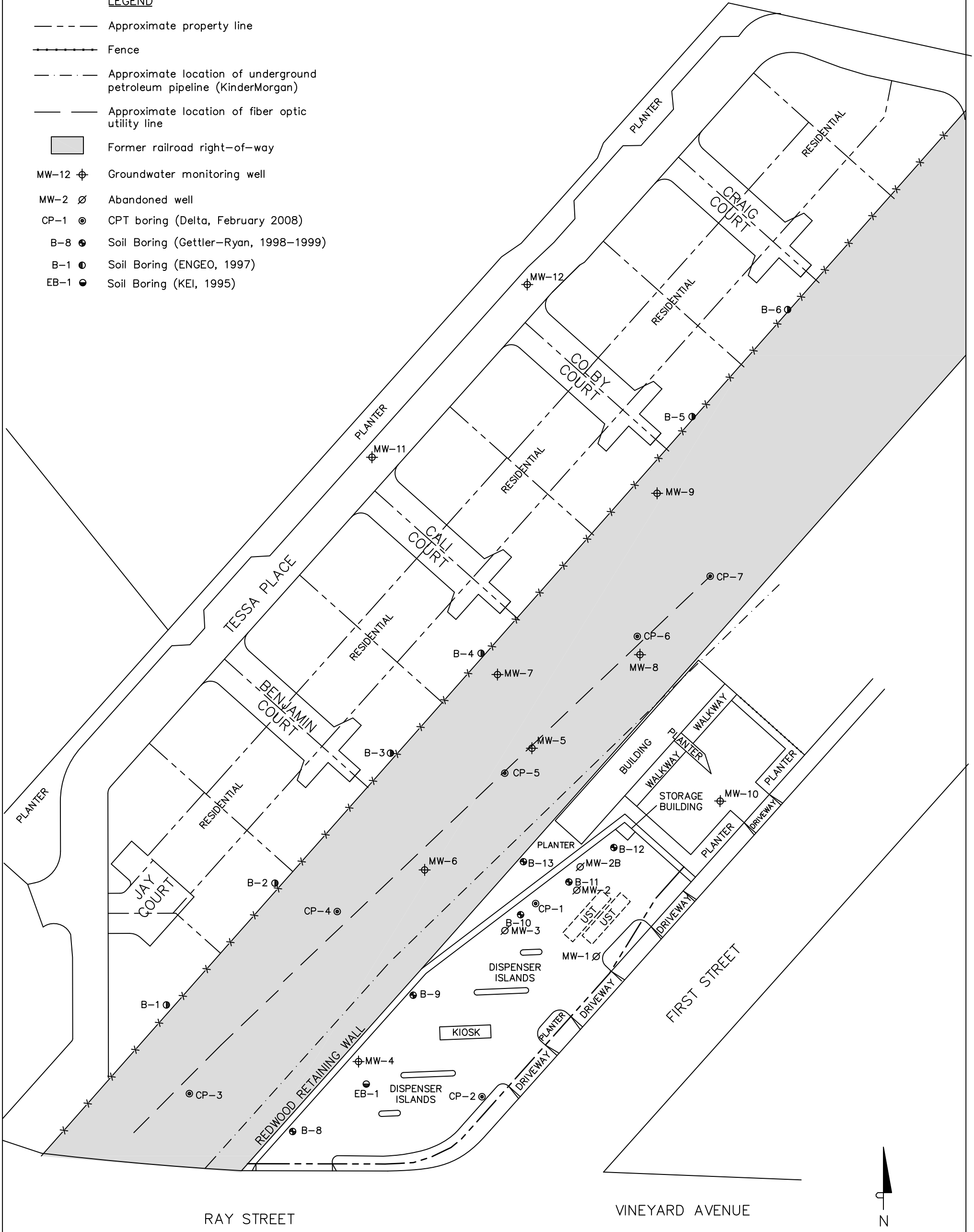


FIGURE 3
SITE PLAN WITH HISTORIC BORING LOCATIONS

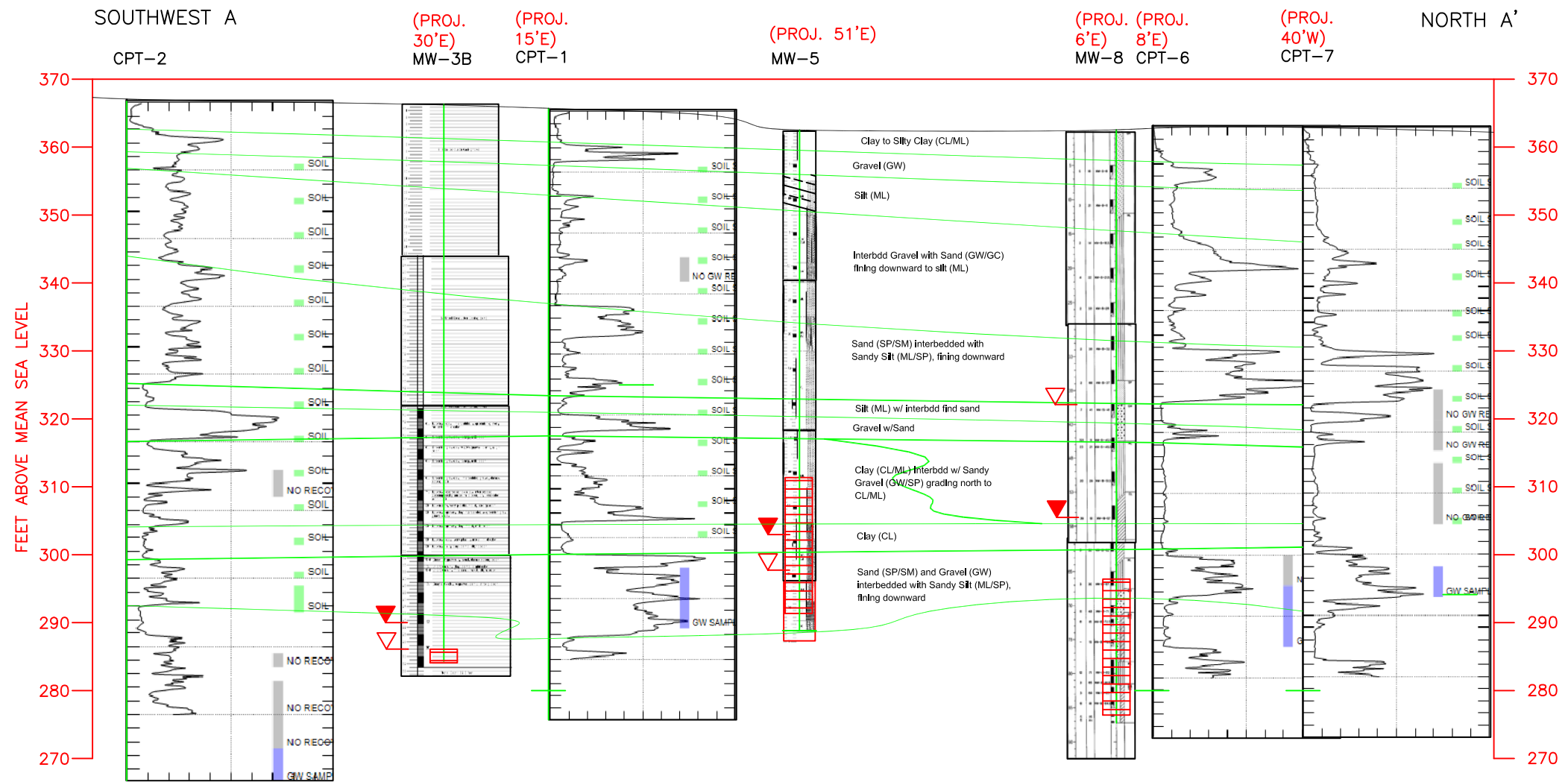
76 SERVICE STATION #7376
4191 FIRST STREET
PLEASANTON, CALIFORNIA

PROJECT NO. C107376	PREPARED BY AB	DRAWN BY JH
DATE 06/30/09	REVIEWED BY JR	FILE NAME 76-7376



SOURCE: Site plan by TRC, 2008 and Gettler-Ryan, August 2000.

ATTACHMENT B
Regional Geologic Maps and Historic Cross Sections



NOTES:
1) STRATIGRAPHY BETWEEN BORINGS IS INTERPRETIVE.

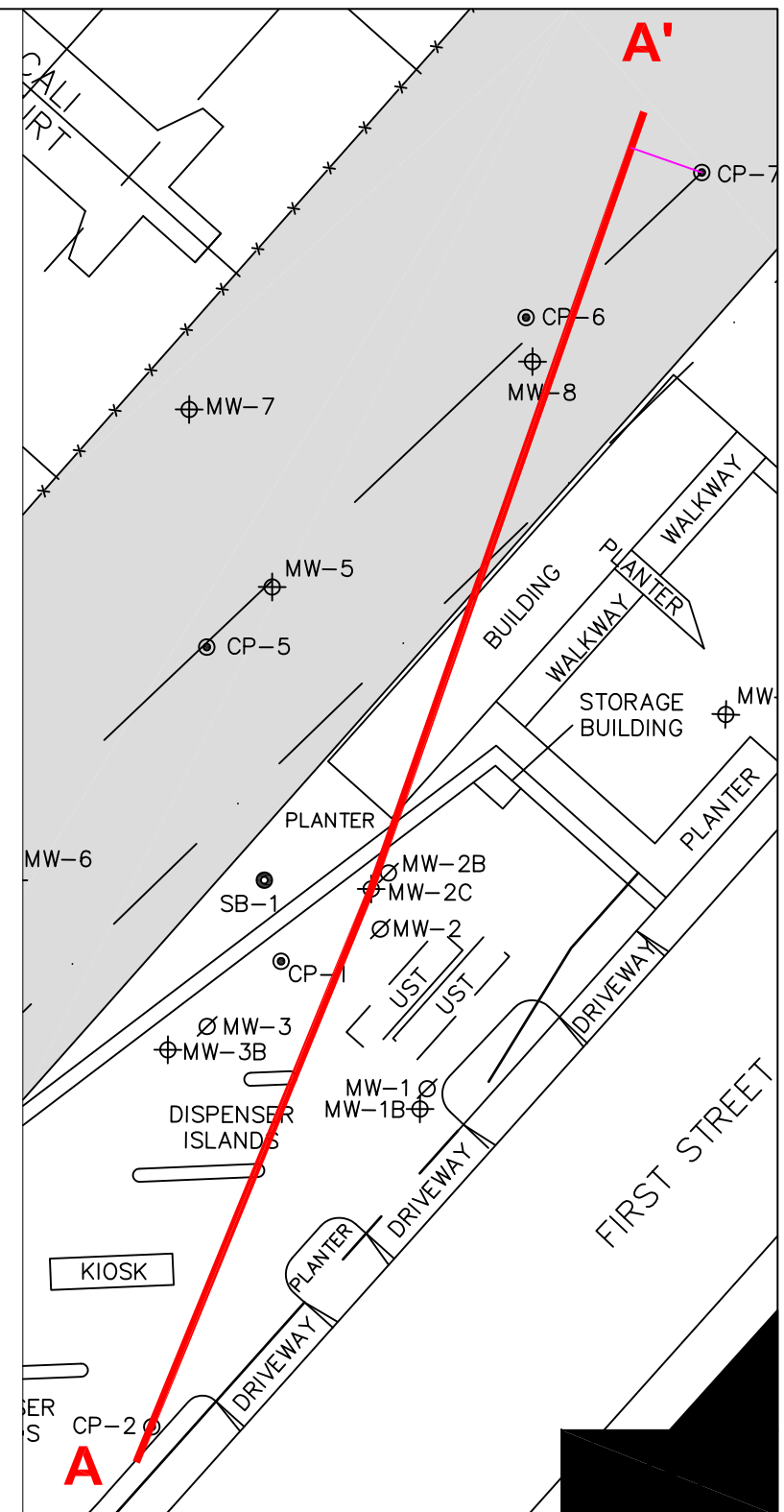
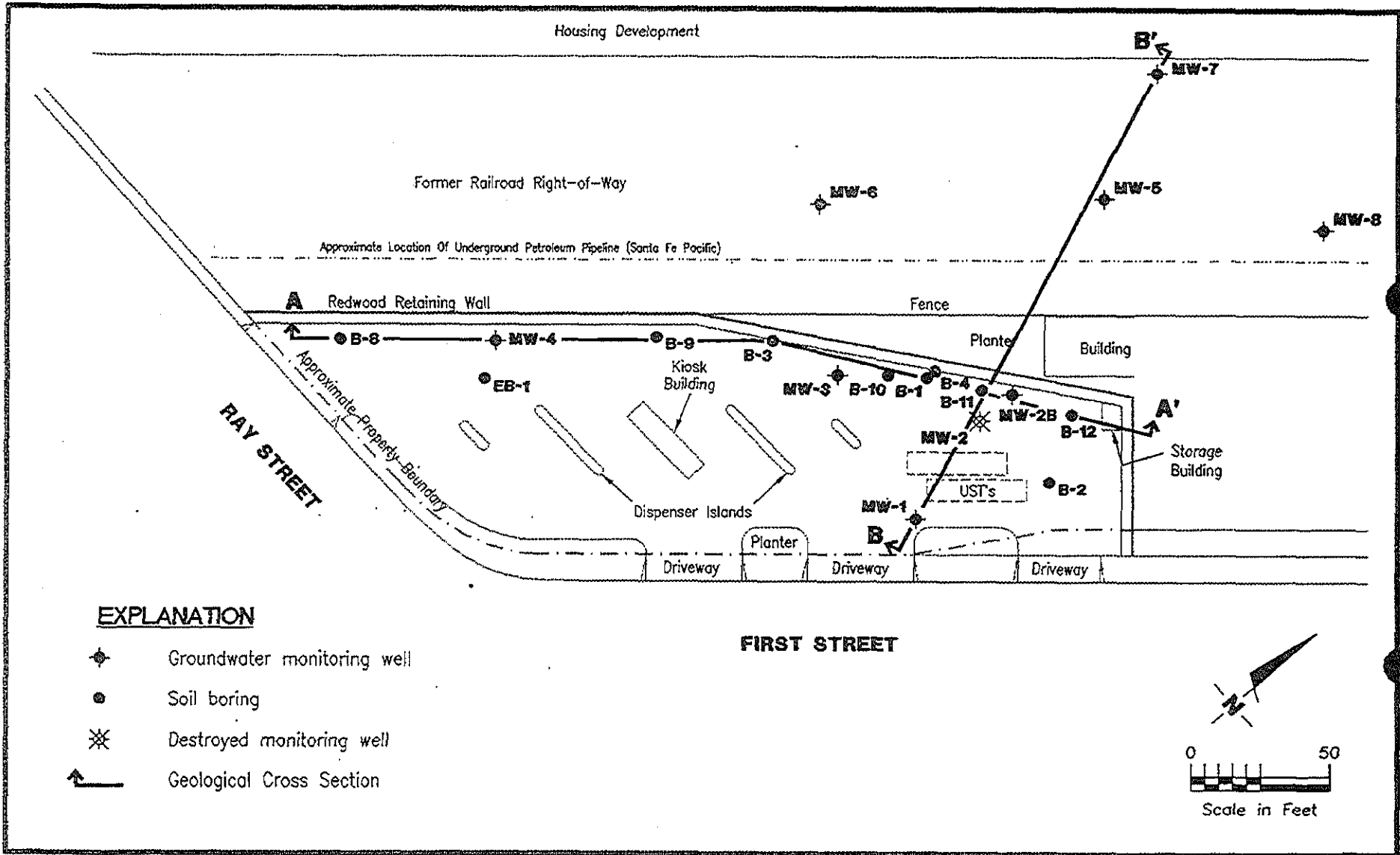


FIGURE 4
GEOLOGIC CROSS SECTION A-A'
76 SERVICE STATION #7376
4191 FIRST STREET
PLEASANTON, CALIFORNIA

PROJECT NO. C107376	PREPARED BY JR	DRAWN BY JH
DATE 07/06/09	REVIEWED BY JR	FILE NAME 76-7376

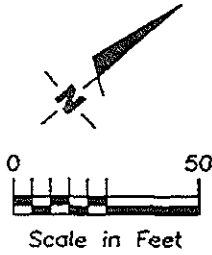




EXPLANATION

- ◆ Groundwater monitoring well
- Soil boring
- ⊗ Destroyed monitoring well
- ↔ Geological Cross Section

FIRST STREET



Gettler - Ryan Inc.
 6747 Sierra Ct., Suite J (925) 551-7555
 Dublin, CA 94568

SITE PLAN
 Tosco 76 Branded Facility No. 7376
 4191 First Street
 Pleasanton, California

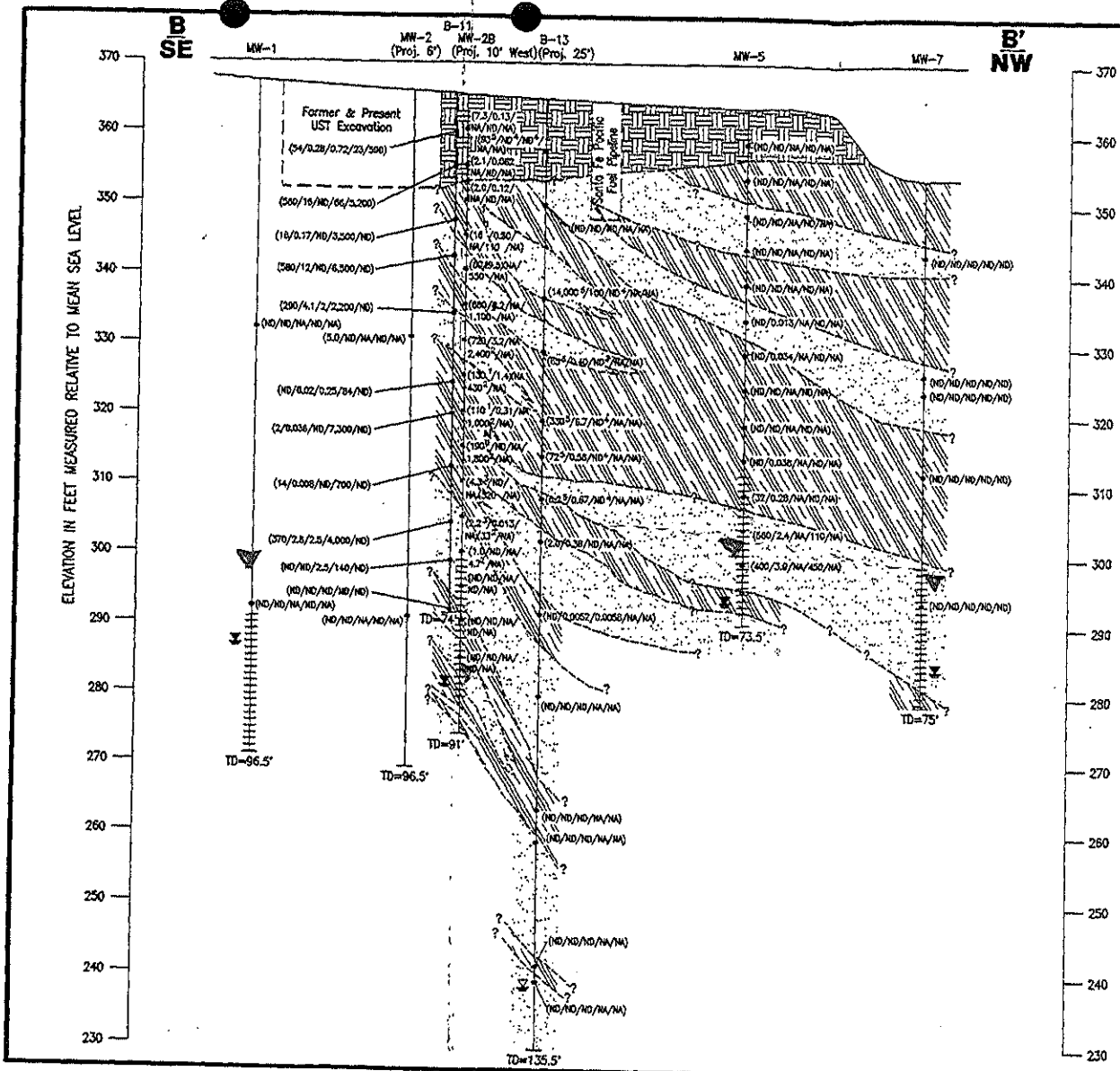
FIGURE
2

JOB NUMBER
 140107.02

REVIEWED BY

DATE
 September, 1998

REVISED DATE
 02/99

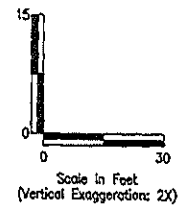


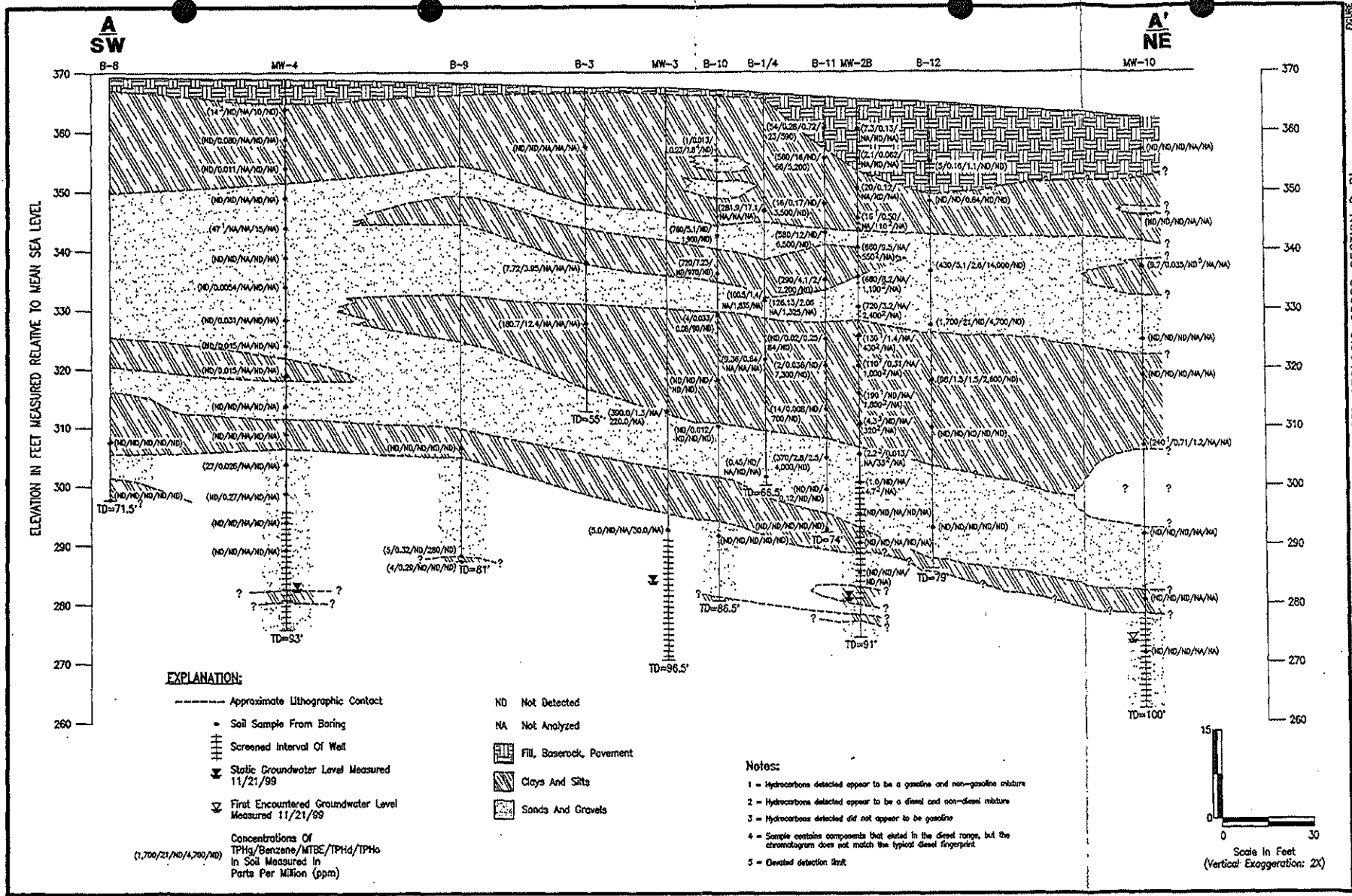
EXPLANATION:

- Approximate Lithographic Contact
- ▲ Soil Sample From Boring
- HHH Screened Interval Of Well
- ≡ Static Groundwater Level Measured 11/22-23/99
- ≡ First Encountered Groundwater Level Measured 11/22-23/99
- (ND/0.013/NA/ND/NA) Concentrations Of TPHg/Benzene/MTBE/TPHd/TPHo In Soil Measured In Parts Per Million (ppm)
- ND Not Detected
- NA Not Analyzed
- ▨ Fill, Basereck, Pavement
- ▨ Clays And Silts
- ▨ Sands And Gravels

Notes:

- 1 = Hydrocarbons detected appear to be a gasoline and non-gasoline mixture
- 2 = Hydrocarbons detected appear to be a diesel and non-diesel mixture
- 3 = Hydrocarbons detected did not appear to be gasoline
- 4 = Dewater detection limit
- 5 = Hydro detected indicates gasoline C6-12 and unidentified hydrocarbon >C10



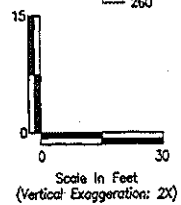


EXPLANATION:

- Approximate Lithographic Contact
- Soil Sample From Boring
- ||||| Screened Interval Of Well
- ⊥ Static Groundwater Level Measured 11/21/99
- ⊥ First Encountered Groundwater Level Measured 11/21/99
- Concentrations Of
TPH₄/Benzene/MTBE/TPH_d/TPH_o
In Soil Measured In
Parts Per Million (ppm)
- (1,700/21/ND/4,700/ND)
- ND Not Detected
- NA Not Analyzed
- ▨ Fill, Baserock, Pavement
- ▨ Clays And Silts
- ▨ Sands And Gravels

Notes:

- 1 = Hydrocarbons detected appear to be a gasoline and non-gasoline mixture
- 2 = Hydrocarbons detected appear to be a diesel and non-diesel mixture
- 3 = Hydrocarbons detected did not appear to be gasoline
- 4 = Sample contains compounds that eluted in the diesel range, but the chromatogram does not match the typical diesel fingerprint
- 5 = Elevated detection limit



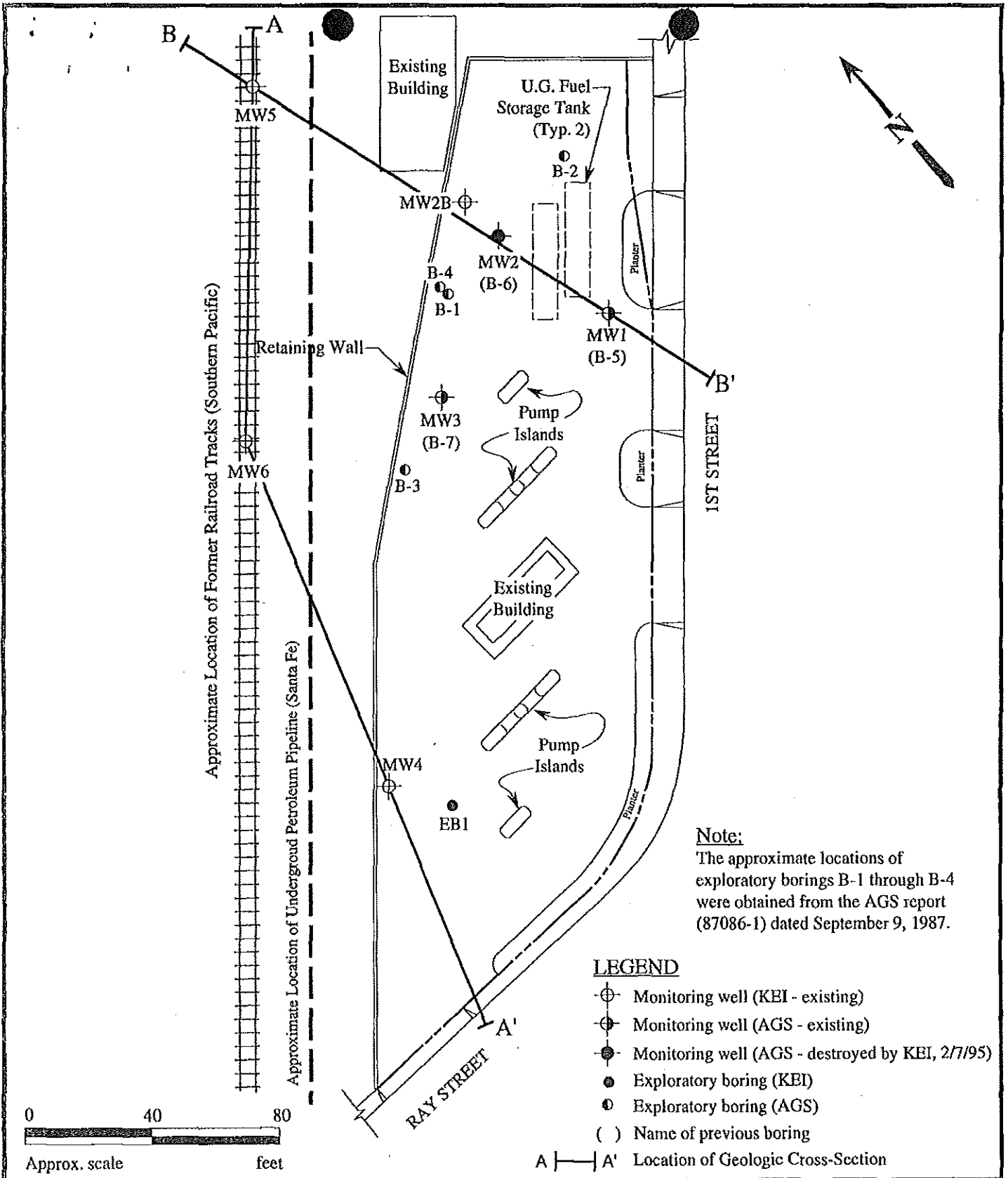
GENERALIZED GEOLOGIC CROSS-SECTION B-B'
Tosco (Unocal) Service Station No. 7376
4191 1st Street
Pleasanton, California

Gottler - Ryan Inc.
8717 Sierra Ct., Suite J
Dublin, CA 94568
(925) 551-7555



DATE 10/98
REVISED DATE 5/00

140107.04

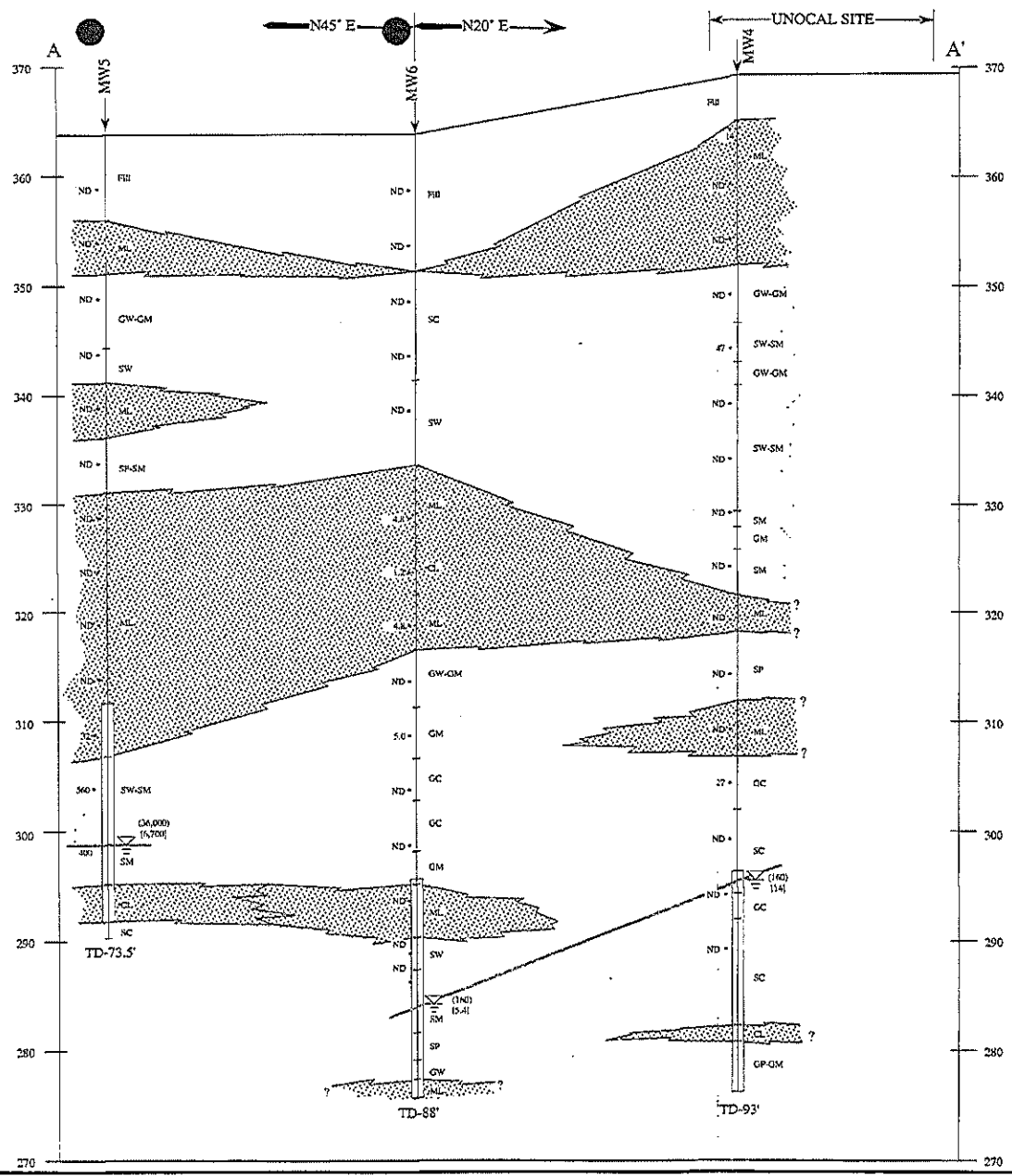


GEOLOGIC CROSS-SECTION LOCATION MAP

**KAPREALIAN ENGINEERING
INCORPORATED**

**UNOCAL SERVICE STATION #7376
4191 1ST STREET
PLEASANTON, CALIFORNIA**

**FIGURE
4**



LEGEND

- Soil classification symbols per USCS
- Ground water level on 9/18/96
- Screened interval of well
- ND Non-detectable
- () Concentration of TPH as gasoline ($\mu\text{g/L}$) in ground water sample collected on 9/18/96
- [] Concentration of benzene ($\mu\text{g/L}$) in ground water sample collected on 9/18/96
- Concentration of TPH as gasoline (mg/kg) in soil sample collected at depth shown
- ? Geologic contact, queried where uncertain.
- Predominantly silt and or clay
- Predominantly sand and gravel

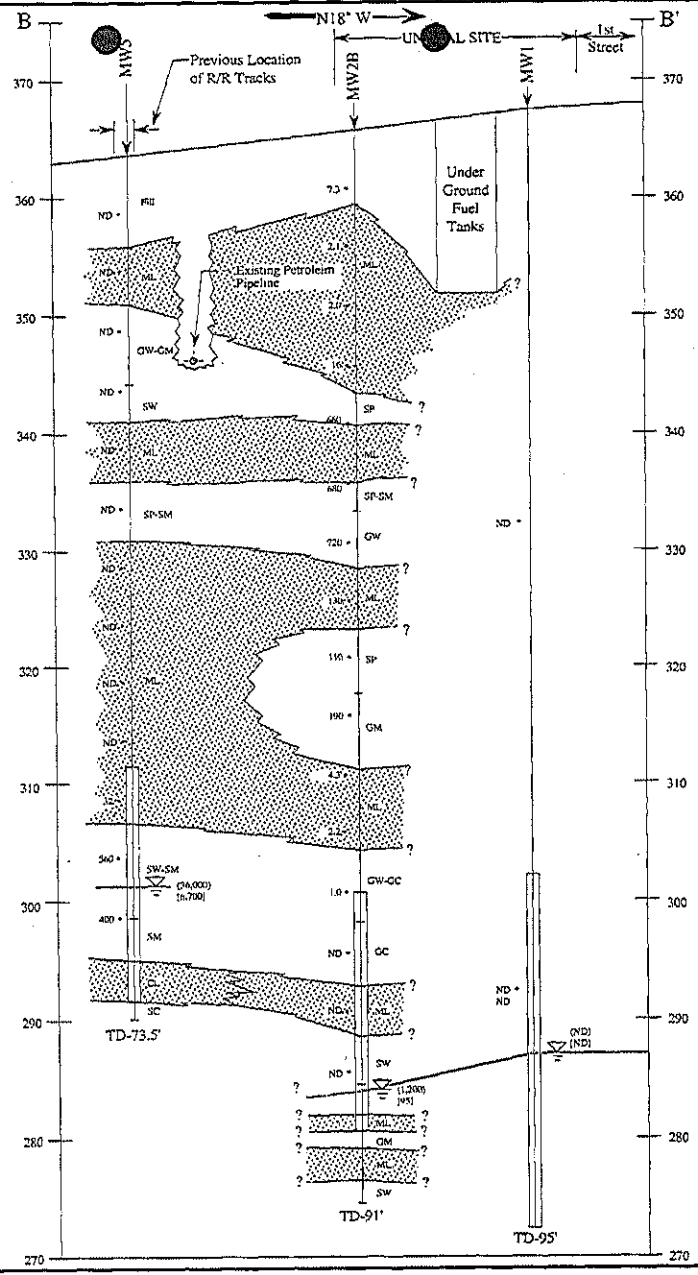
0 40 80

Approx. horizontal scale feet

0 10 20

Approx. vertical scale feet

GEOLOGIC CROSS SECTION A-A'	
UNOCAL SERVICE STATION #7376 4191 1ST STREET PLEASANTON, CALIFORNIA	
 KAPREALIAN ENGINEERING INCORPORATED	FIGURE 5

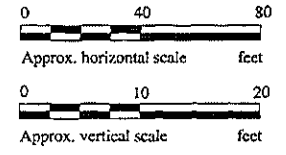


LEGEND

- Soil classification symbols per USCS
- Ground water level on 9/18/96
 - Screened interval of well
 - ND** Non-detectable
 - Concentration of TPH as gasoline ($\mu\text{g/L}$) in ground water sample collected on 9/18/96
 - Concentration of benzene ($\mu\text{g/L}$) in ground water sample collected on 9/18/96
 - Concentration of TPH as gasoline (mg/kg) in soil sample collected at depth shown
 - Geologic contact, queried where uncertain.
 - Predominantly silt and or clay
 - Predominantly sand and gravel

Notes:

Lithologic data for MW1 not available.

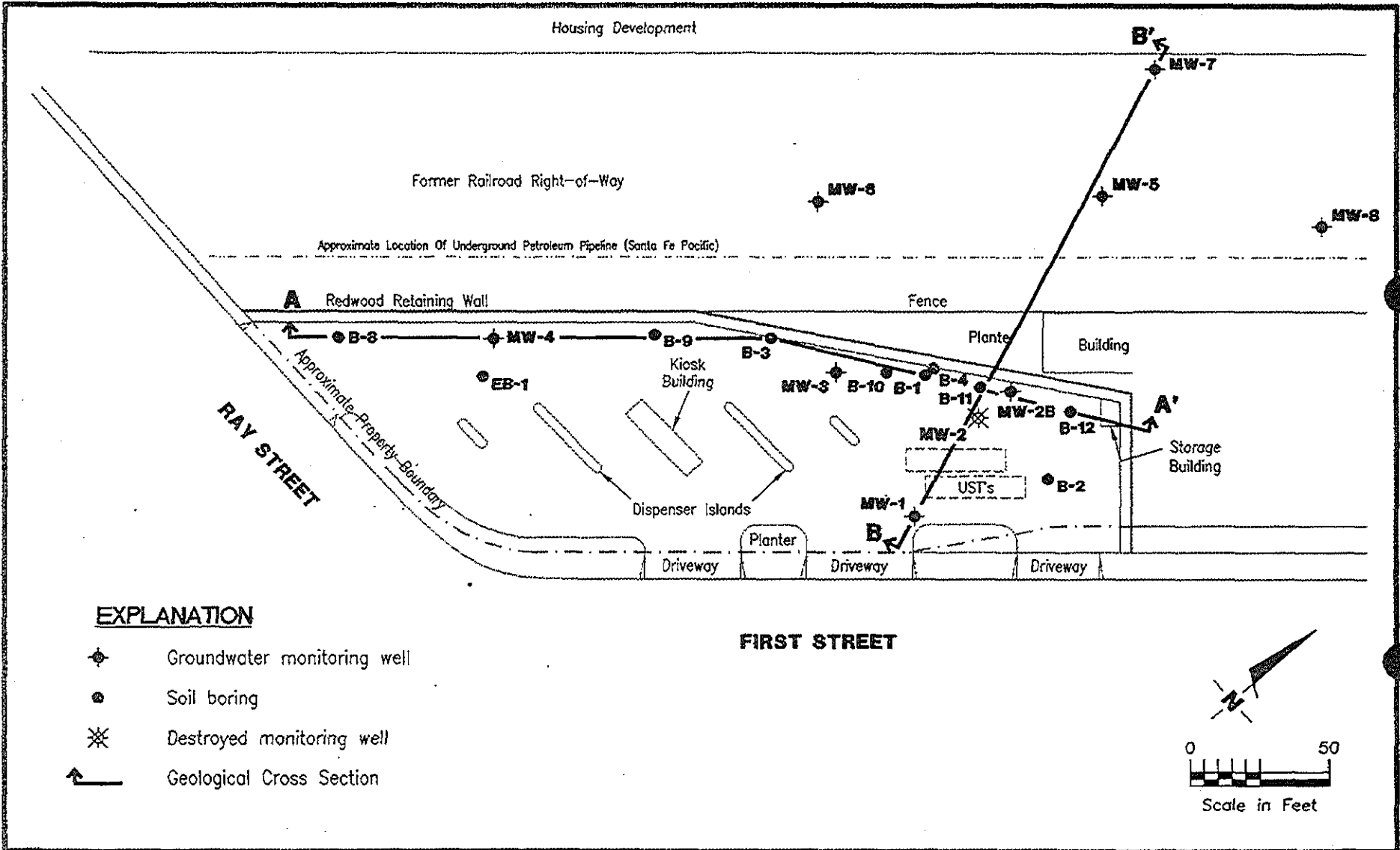


GEOLOGIC CROSS SECTION B-B'

UNOCAL SERVICE STATION #7376
4191 1ST STREET
PLEASANTON, CALIFORNIA

**KAPREALIAN ENGINEERING
INCORPORATED**

**FIGURE
6**



Gettler - Ryan Inc.

6747 Sierra Ct., Suite J (925) 551-7555
Dublin, CA 94568

SITE PLAN
Tosco 76 Branded Facility No. 7376
4191 First Street
Pleasanton, California

FIGURE

2

JOB NUMBER
140107.02

REVIEWED BY

DATE
September, 1998

REVISED DATE
02/99

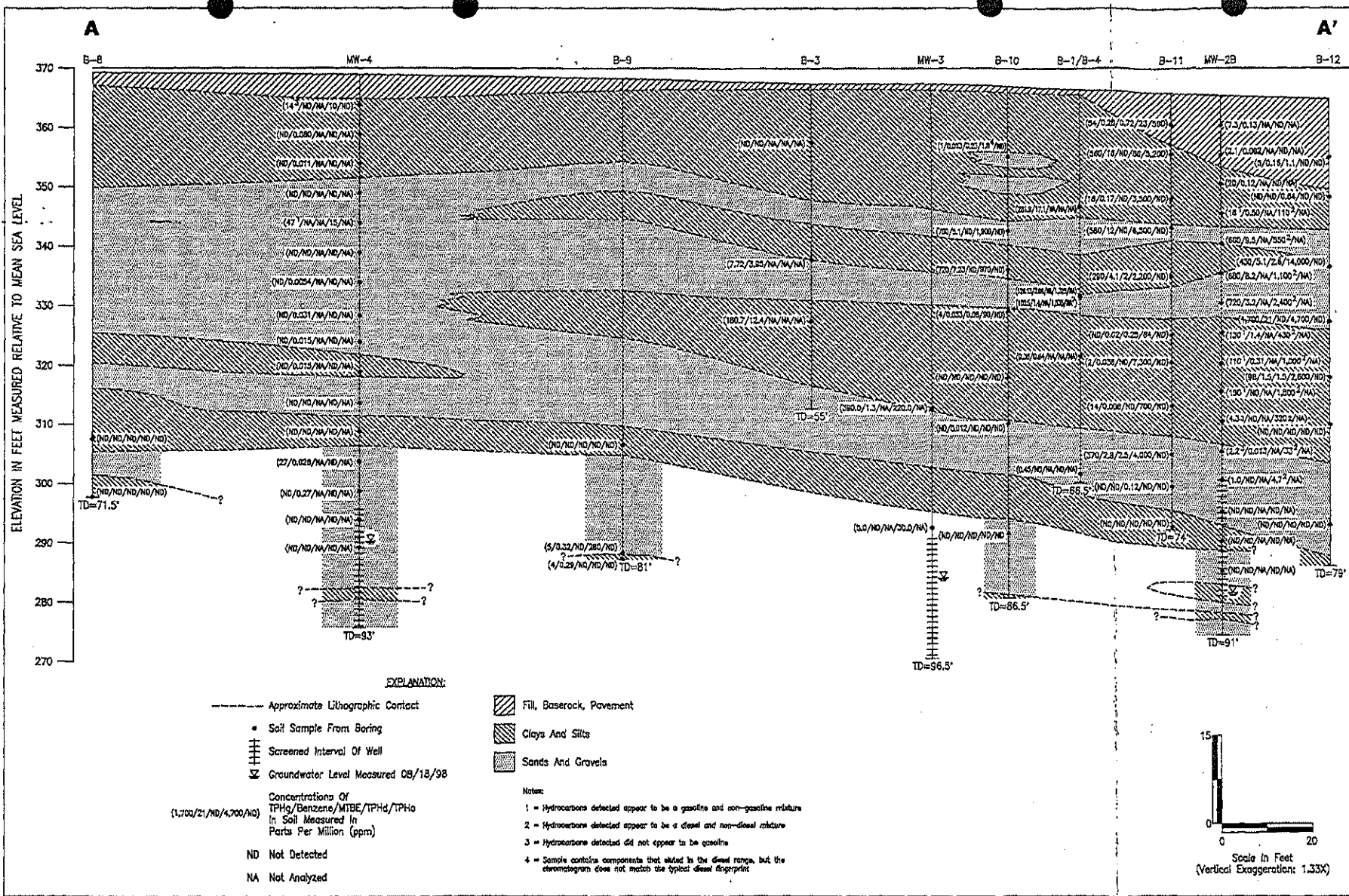


FIGURE 3
GENERALIZED GEOLOGIC CROSS-SECTION A-A'
Unocal Service Station No. 7376
4191 1st Street
Pleasanton, California

Gottler - Ryan Inc.
6747 Sierra Ct., Suite J (910) 551-7555
Daly City, CA 94015

DATE 10/98
REVISED DATE 03/99
JOB NUMBER 140107
REVIEWED BY

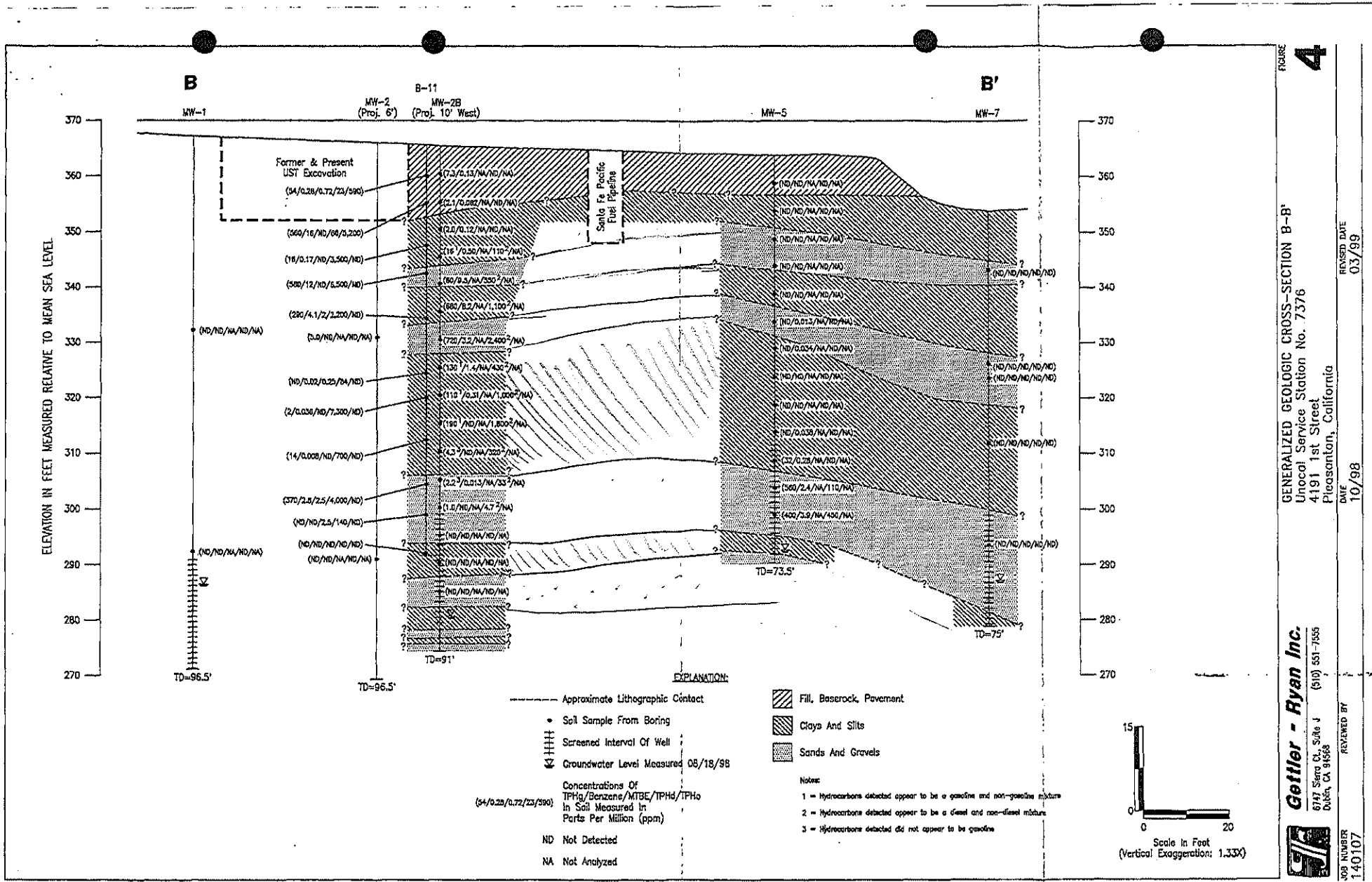


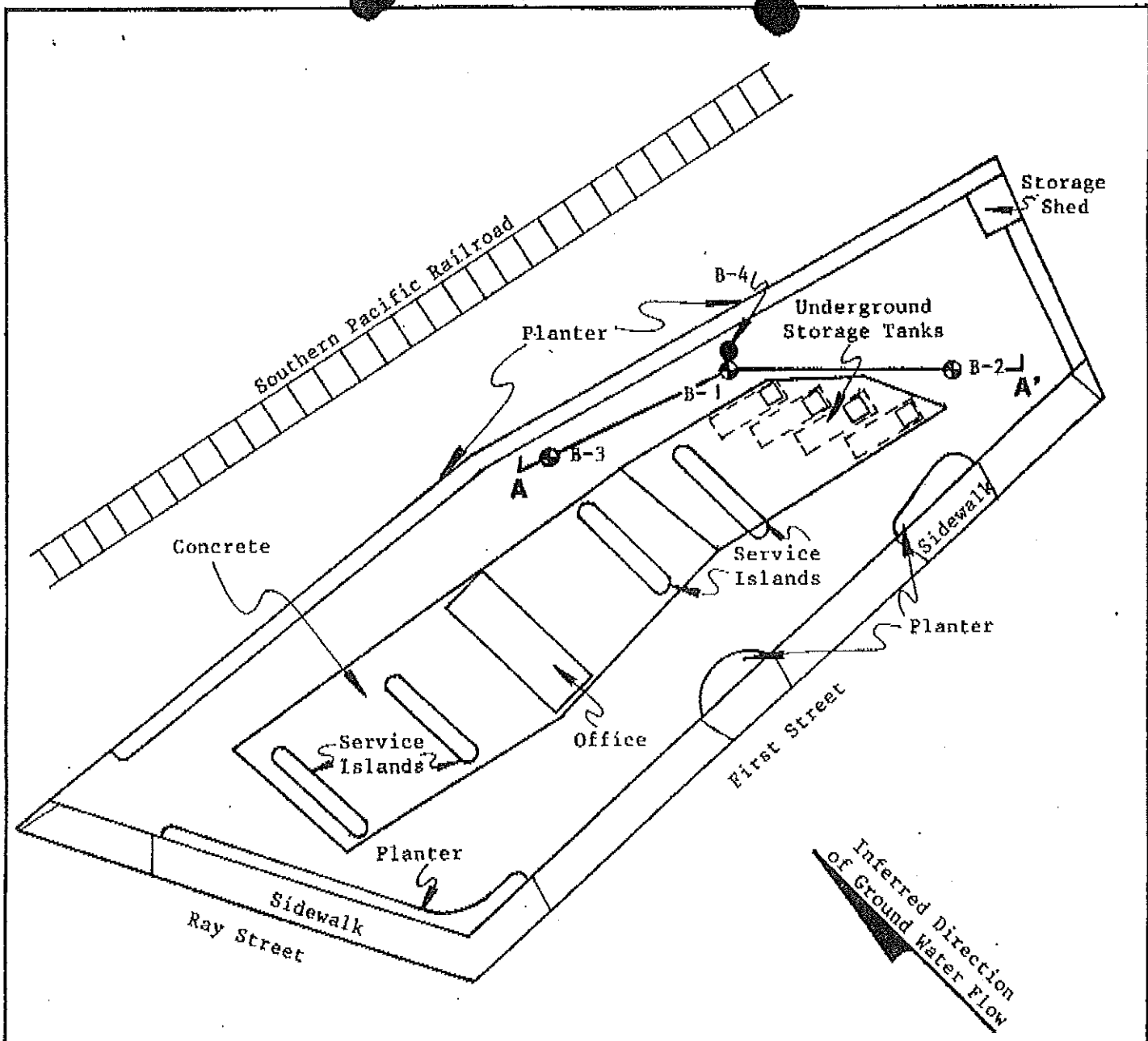
FIGURE **4**

GENERALIZED GEOLOGIC CROSS-SECTION B-B'
Unocal Service Station No. 7376
4191 1st Street
Pleasanton, California

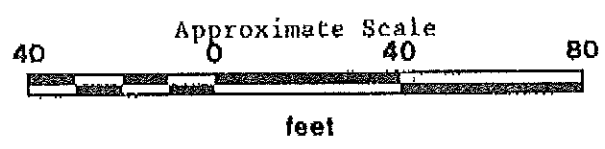
REVISED DATE 03/99
DATE 10/98

Gertler - Ryan Inc.
6747 Sierra Ct., Suite J (510) 851-7555
Dubai, CA 94568

REVIEWED BY
JOB NUMBER 140107



- Soil Boring Location
- ⊕ Previous Soil Boring Location
- A — A' Cross section

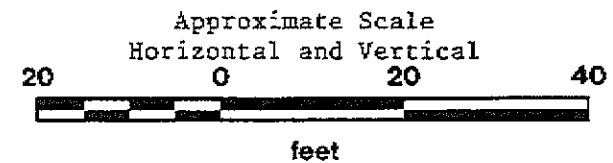
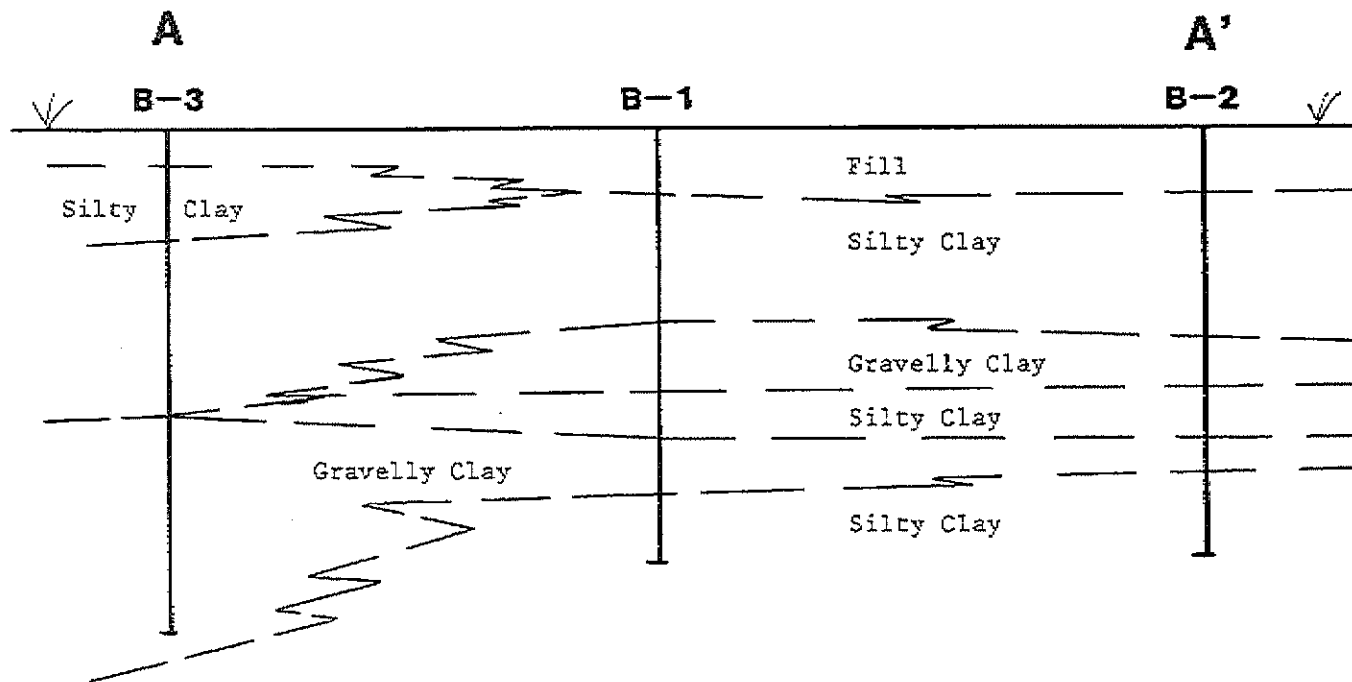


Applied GeoSystems
 2275 Mission Blvd. Suite B, Fremont, CA 94538-1415 (415) 751-7826

PROJECT NO. AGS 87086-1

GENERALIZED SITE PLAN
 Arco Station
 First and Ray Street
 Pleasanton, California

PLATE
 P-2



PLATE

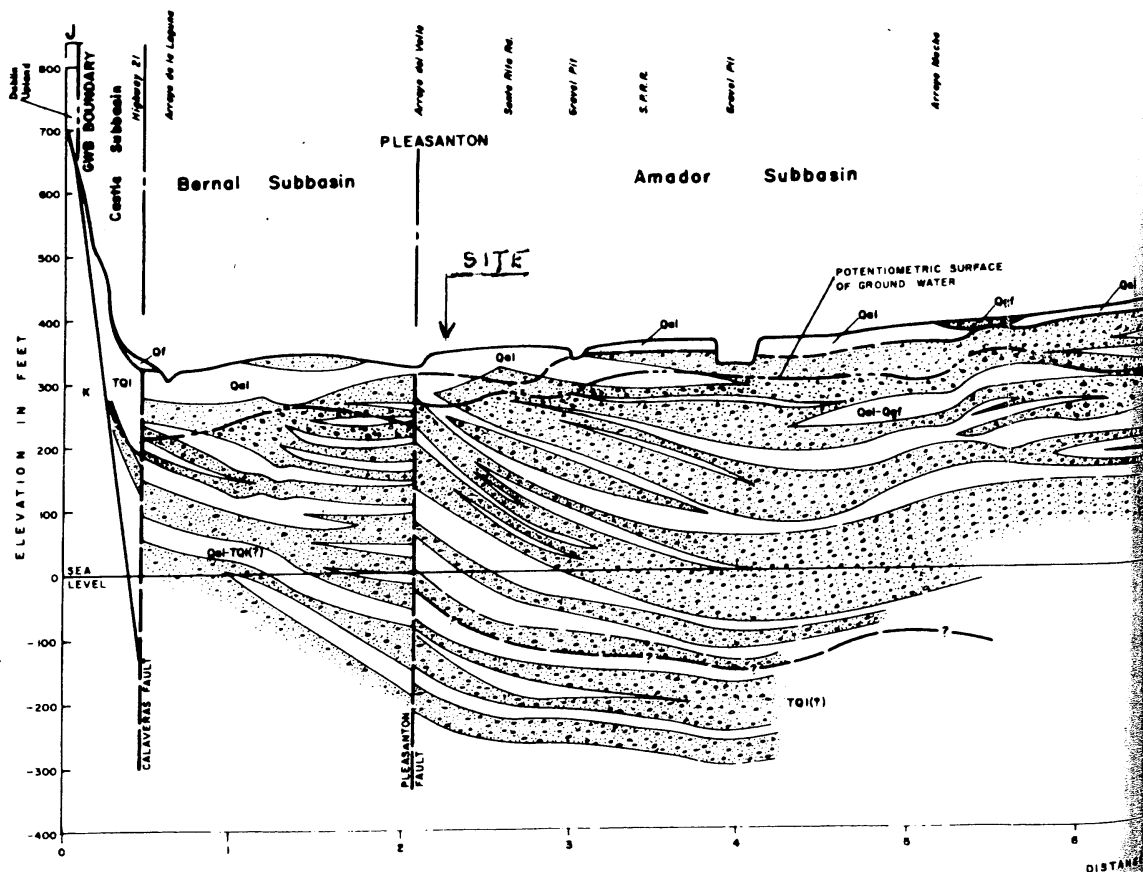
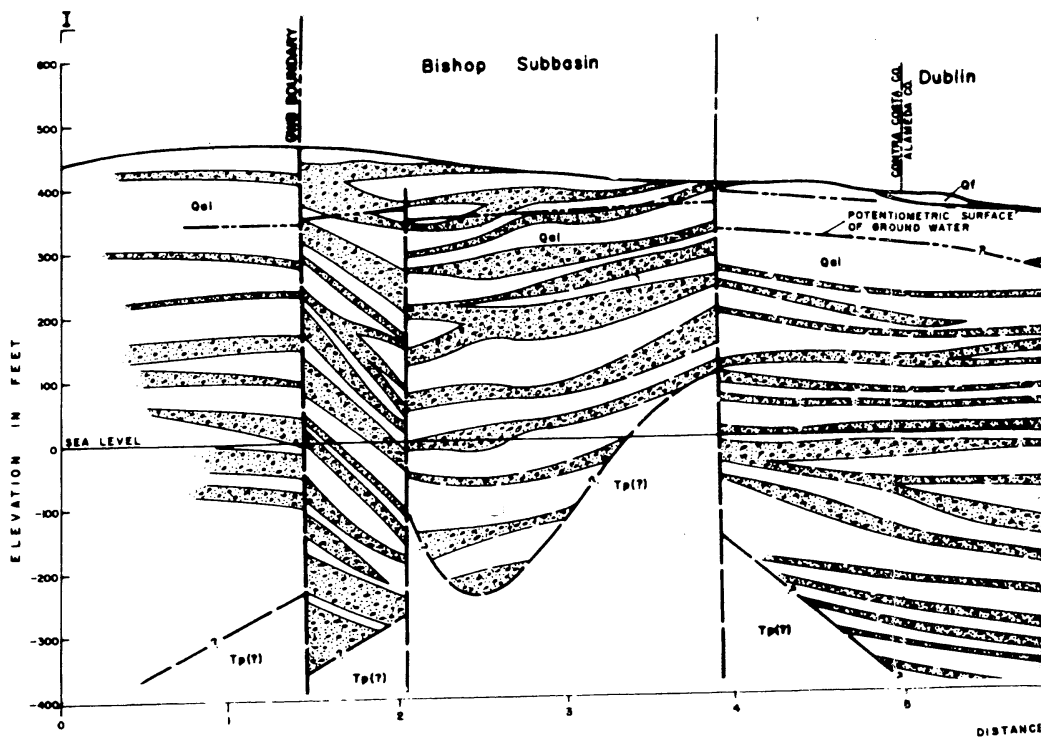
P-10

CROSS SECTION A - A'
Arco Station
First and Ray Street
Pleasanton, California



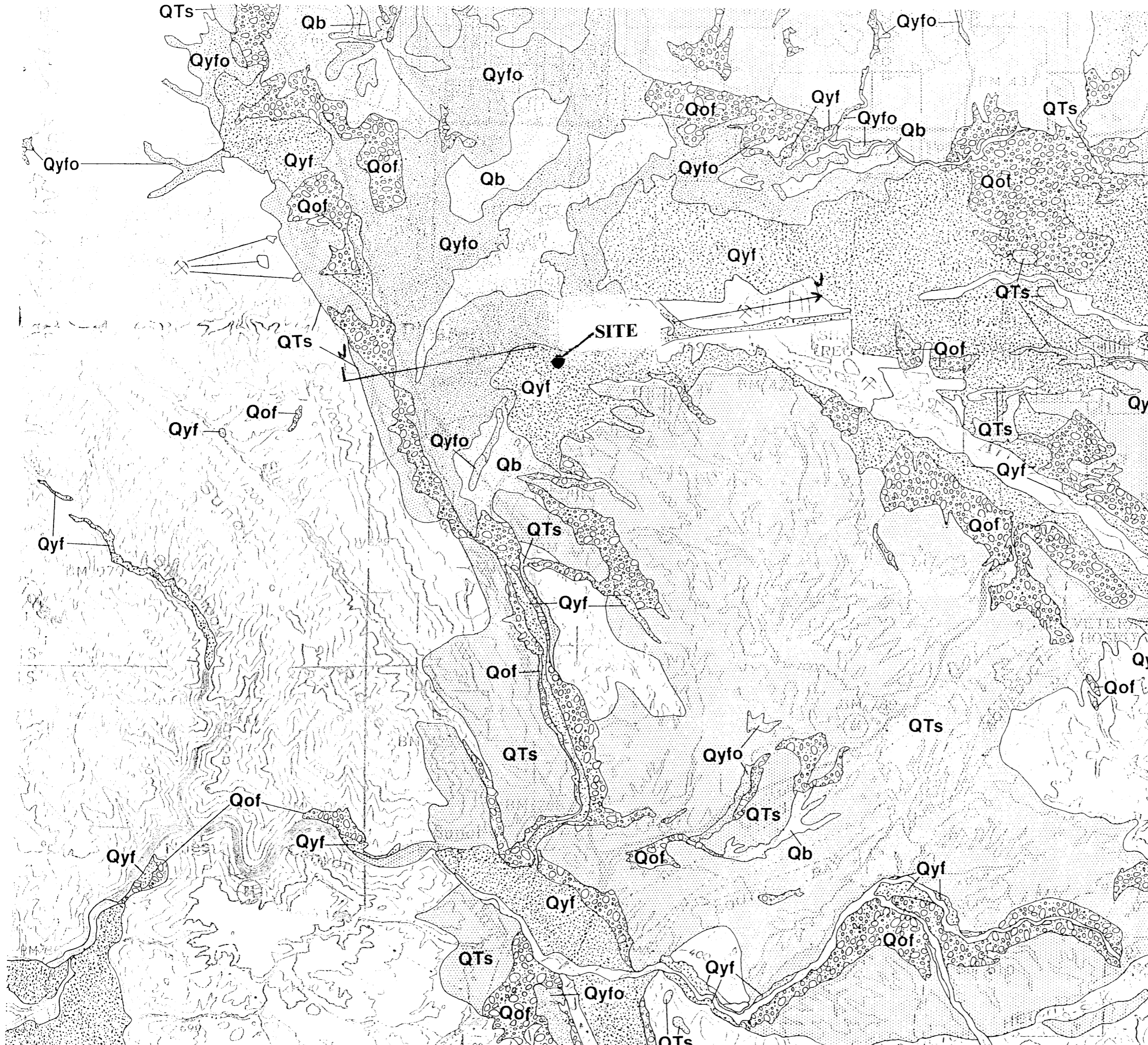
Applied GeoSystems
41255 PROJECT Blvd. Suite B, Fremont, CA 94538-1611-1006

PROJECT NO. AGS 87065-1



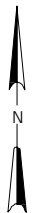
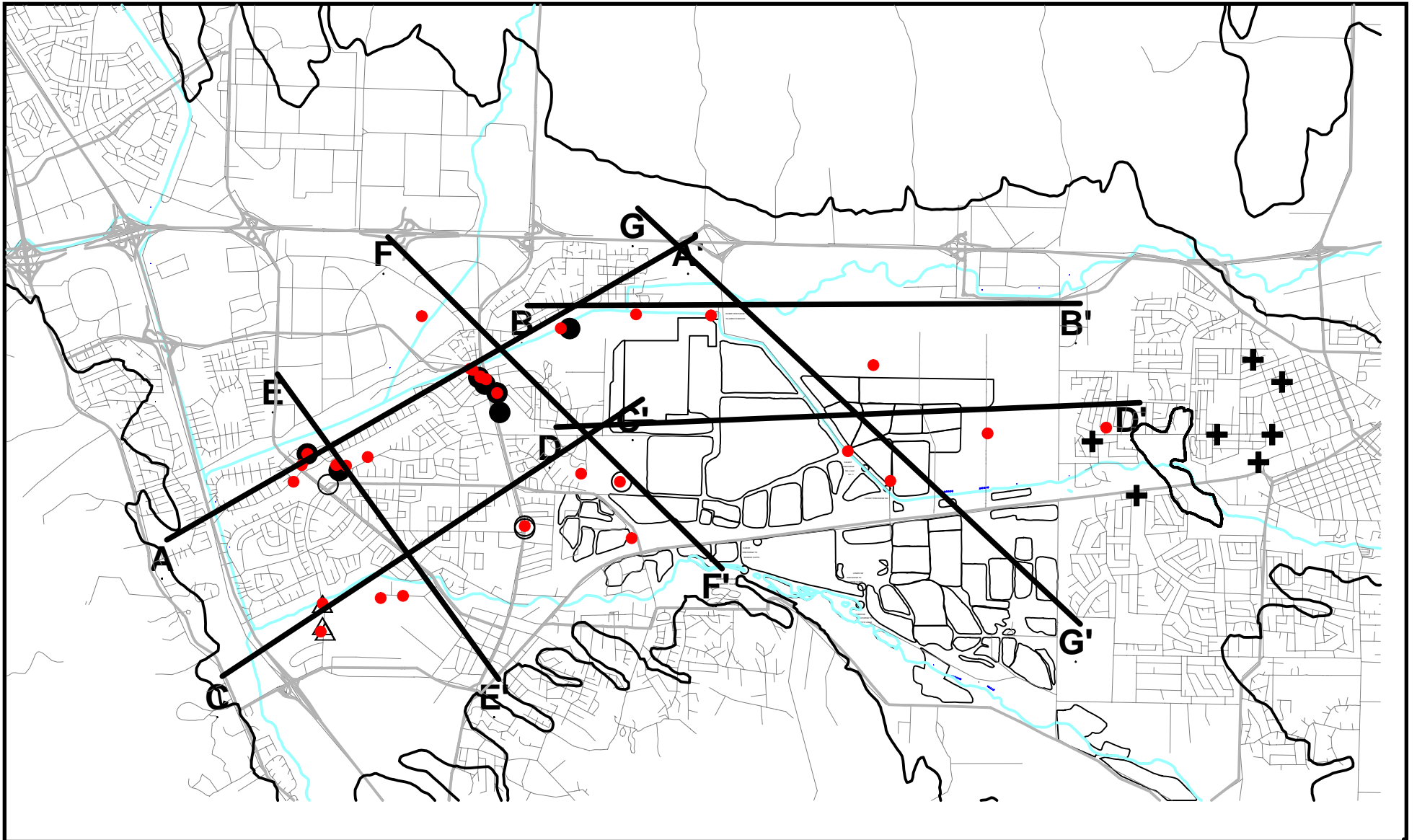
For location of sections, see Fig. 4, Shts. 1, 2 & 3
 For legend, see Fig. 5, Sheet 6

GEOLOGIC SECTIONS



DESCRIPTION OF UNITS

- X GRAVEL PITS
- Qsc STREAM CHANNEL MATERIAL -- Mainly loose, well-sorted sand and gravel. This material is presently being transported during periods of normal runoff.
- Qyf YOUNGER ALLUVIAL FAN DEPOSITS -- Includes colluvial fill in narrow canyons. Unconsolidated, moderately sorted, permeable fine sand and silt, with gravel becoming more abundant toward fan heads and within canyons. Forms well-drained levees which grade headward to stream deposits on terraces cut in Qof. Thickness varies from as much as 50 feet at fan heads and in canyons to about 20 feet where Qyf inter-fingers with Qyfo and Qb at the outer margins of fans. Locally contains aboriginal artifacts and skeletal remains.
- Qyfo YOUNGER FLUVIAL DEPOSITS -- Unconsolidated deposits of fine, but variable grain size--mainly fine sand, silt, and silty clay; intermediate in character and lateral extent between Qb and Qyf. Forms levees and overbank deposits along the San Francisco Bay margin and in Livermore Valley, as well as valley fill in some open canyons. May be in part windblown in the southwestern part of the county. Generally less than 15 feet thick. Overbank deposits locally contain minor amounts of organic matter including fresh-water gastropods and pelecypods.
- Qb INTERFLUVIAL BASIN DEPOSITS -- Plastic, poorly sorted, organic-rich clay and silty clay in poorly drained areas marginal to the bay and in Livermore Valley. Interfingers with Qyf, Qyfo, and recent mud of San Francisco Bay. Generally less than 10 feet thick. Locally contains fresh-water gastropods and pelecypods.
- Qm MERRITT SAND -- Loose, fine-grained, very well sorted beach and wind-blown sand at Alameda Island and adjacent bay margin near Oakland (Lawson, 1914).
- Qof OLDER ALLUVIAL FAN DEPOSITS -- Includes stream terrace deposits in some narrow canyons and on the margins of Livermore Valley. Weathered, weakly consolidated, poorly sorted silt, sand, and gravel (generally fine grained in northeastern Livermore Valley owing to derivation from friable sandstone bedrock). Less permeable and more poorly drained than younger alluvial fan deposits. Maximum thickness unknown but at least several hundred feet thick near bay margin. Headward portions overlapped by younger deposits on southern bay margin and incised by channels that are partially filled with younger deposits on northern bay margin and in Livermore Valley. Locally contains concentrations of continental vertebrate and invertebrate fossils. Includes the San Antonio Formation of Lawson (1914).
- Qom OLDER MUD -- Dark, plastic, semiconsolidated, organic-rich clay and silty clay. Interfingers with Qof. Maximum thickness is unknown but greater than 50 feet near bay margin. Underlies recent mud of San Francisco Bay and locally underlies younger alluvial deposits on bay margin. Locally contains continental vertebrate fossils, fresh-water invertebrate fossils, and plant remains.
- QTs DEFORMED OLDER SEDIMENTARY DEPOSITS -- Poorly consolidated to semiconsolidated alluvial deposits of gravel, sand, silt and clay with subordinate fine-grained lacustrine deposits; locally tuffaceous; locally contains abundant lacustrine deposits; locally tuffaceous; locally contains abundant remains of continental vertebrate and invertebrate fossils. Maximum thickness unknown but over 5,000 feet in the hills south of Livermore Valley. Includes the Irvington Gravels of Savage (1951) in the Warm Springs and Mission San Jose districts of Fremont, the Livermore Gravels of Clark (1930) south of Livermore Valley, and the Tassajara Formation of Oestereich (1958) north of Livermore Valley.



LEGEND

- Zone 7 wells
- City of Pleasanton wells
- △ City of San Francisco wells
- ✚ Cal-Water wells
- Well used in construction

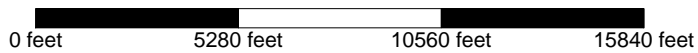


FIGURE 1.1-1
CROSS-SECTION LOCATION AND WELLS
 ZONE 7 WATER AGENCY
 WELL WATER PLAN

CH2MHILL

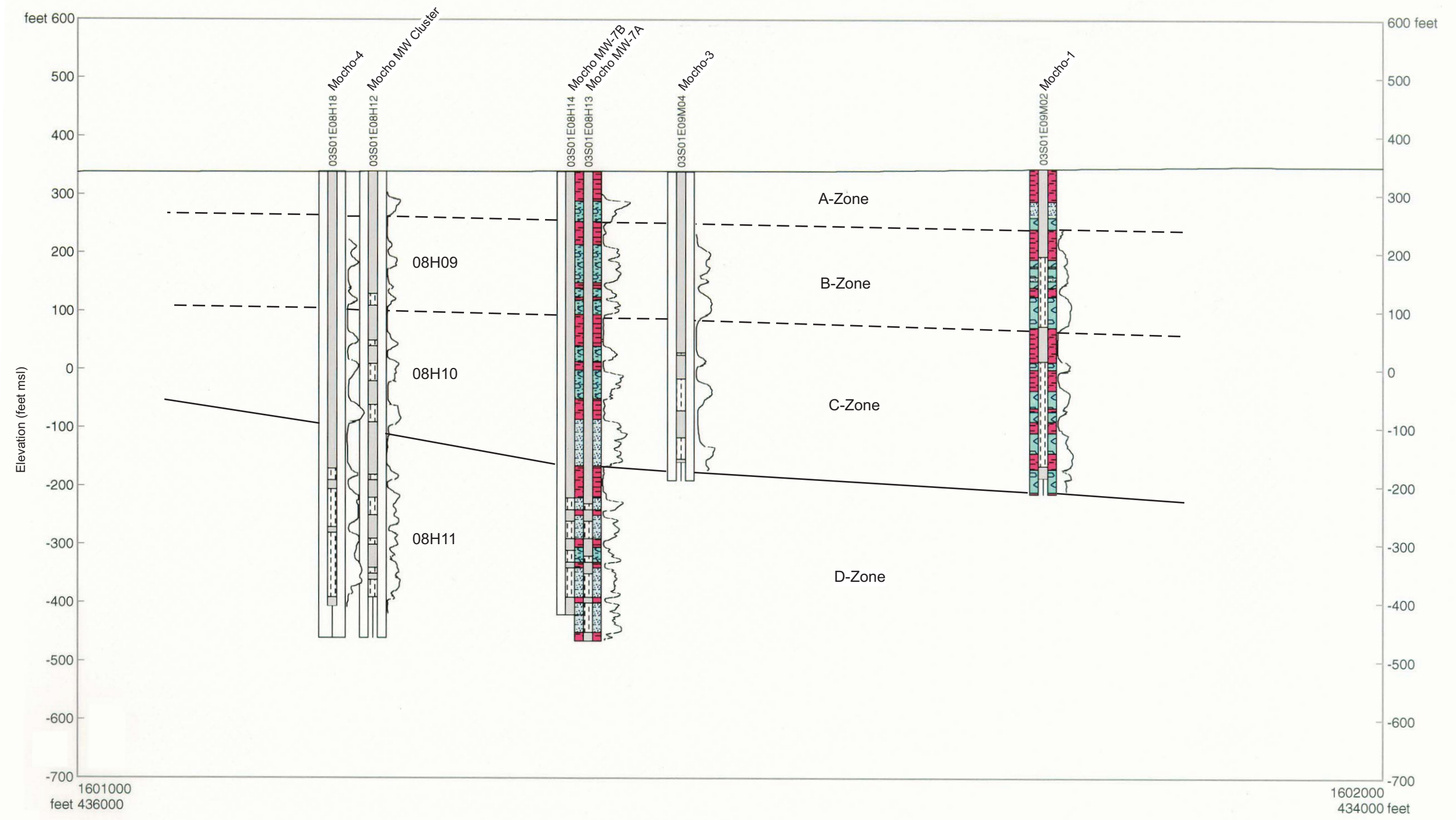


FIGURE 1.1-2
CROSS-SECTION MOCHO WELLFIELD
WELL MASTER PLAN
 ZONE 7 WATER AGENCY
 WELL WATER PLAN

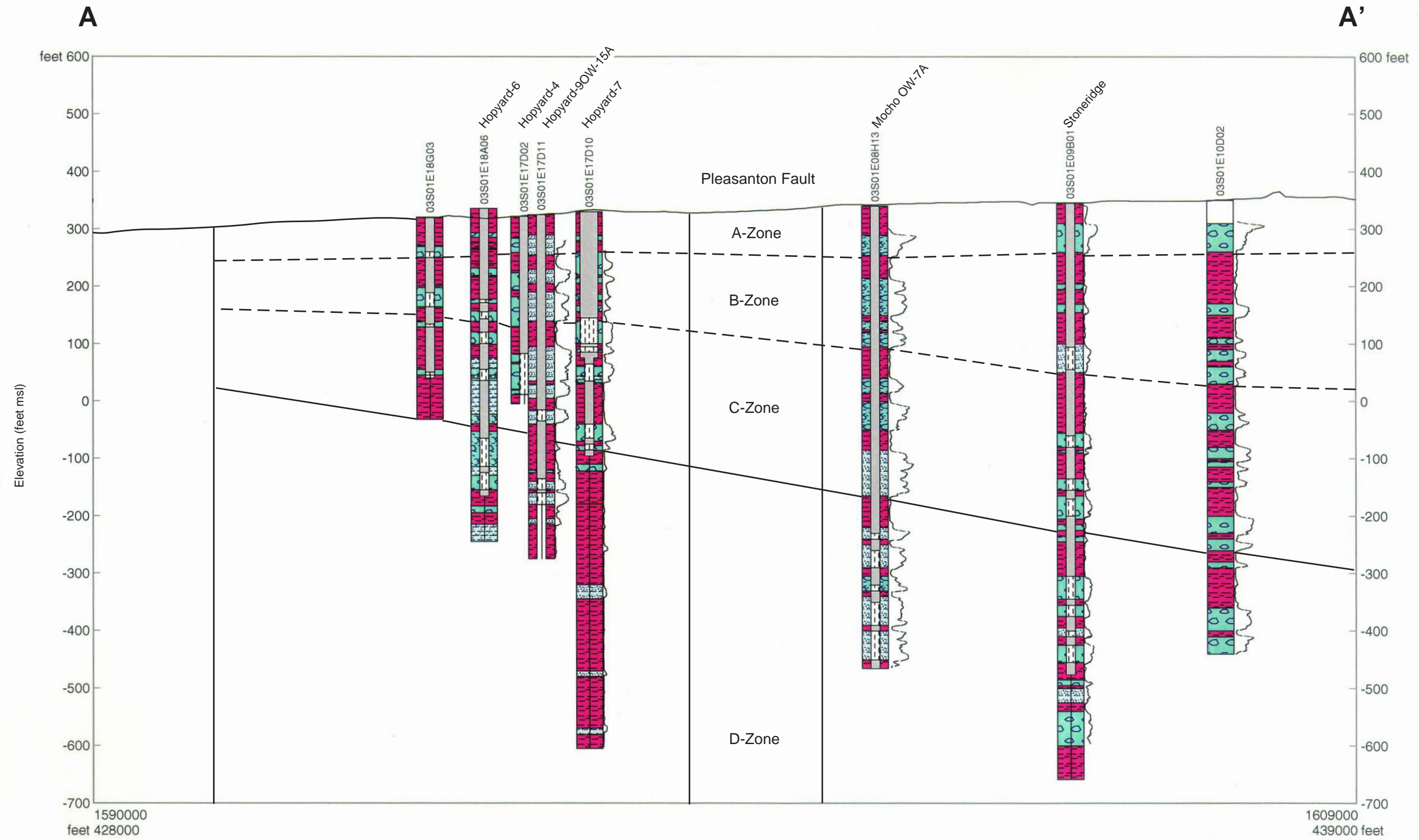


FIGURE 1.1-3
CROSS-SECTION A-A'
WELL MASTER PLAN
 ZONE 7 WATER AGENCY
 WELL WATER PLAN

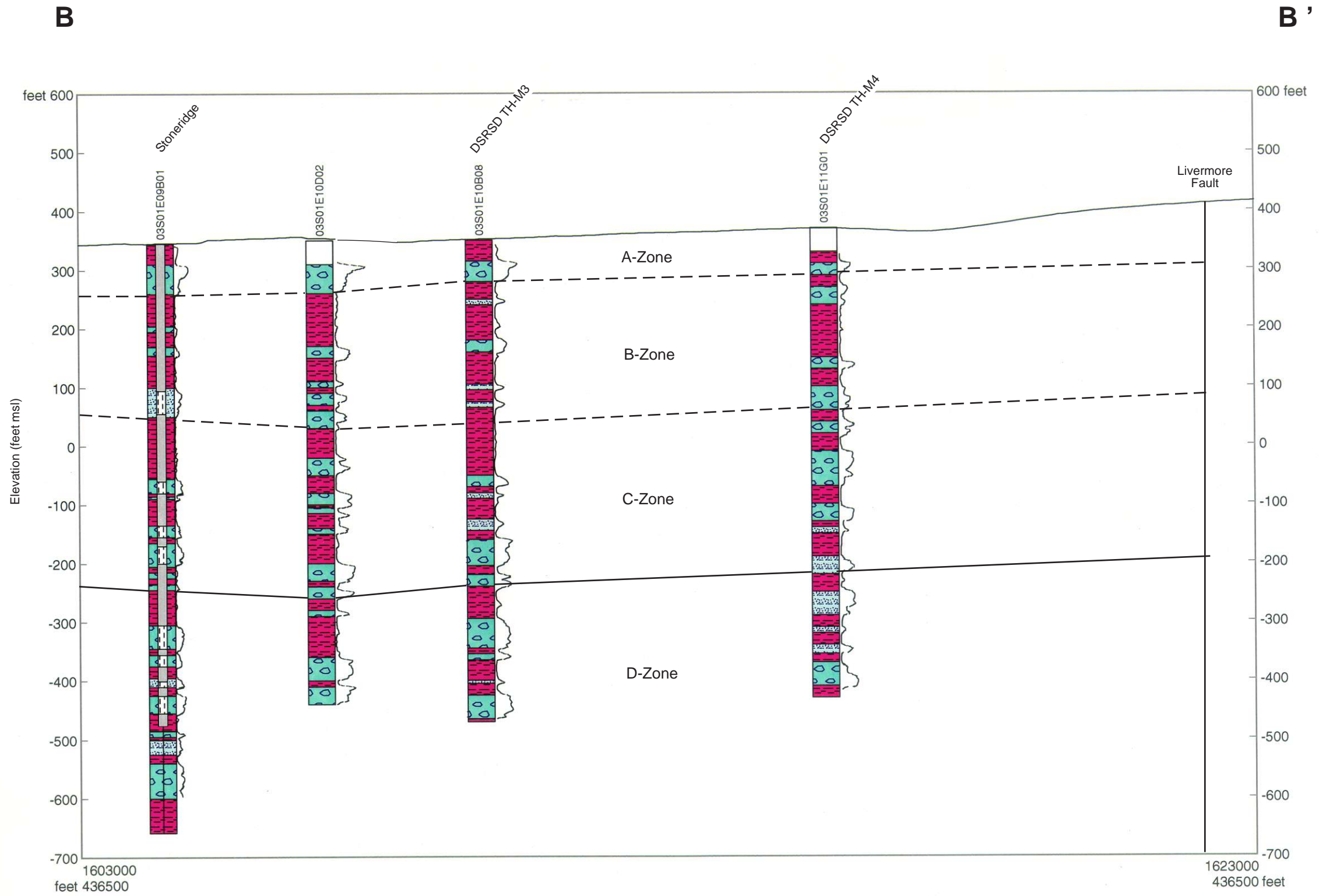


FIGURE 1.1-4
CROSS-SECTION B-B'
WELL MASTER PLAN
 ZONE 7 WATER AGENCY
 WELL WATER PLAN

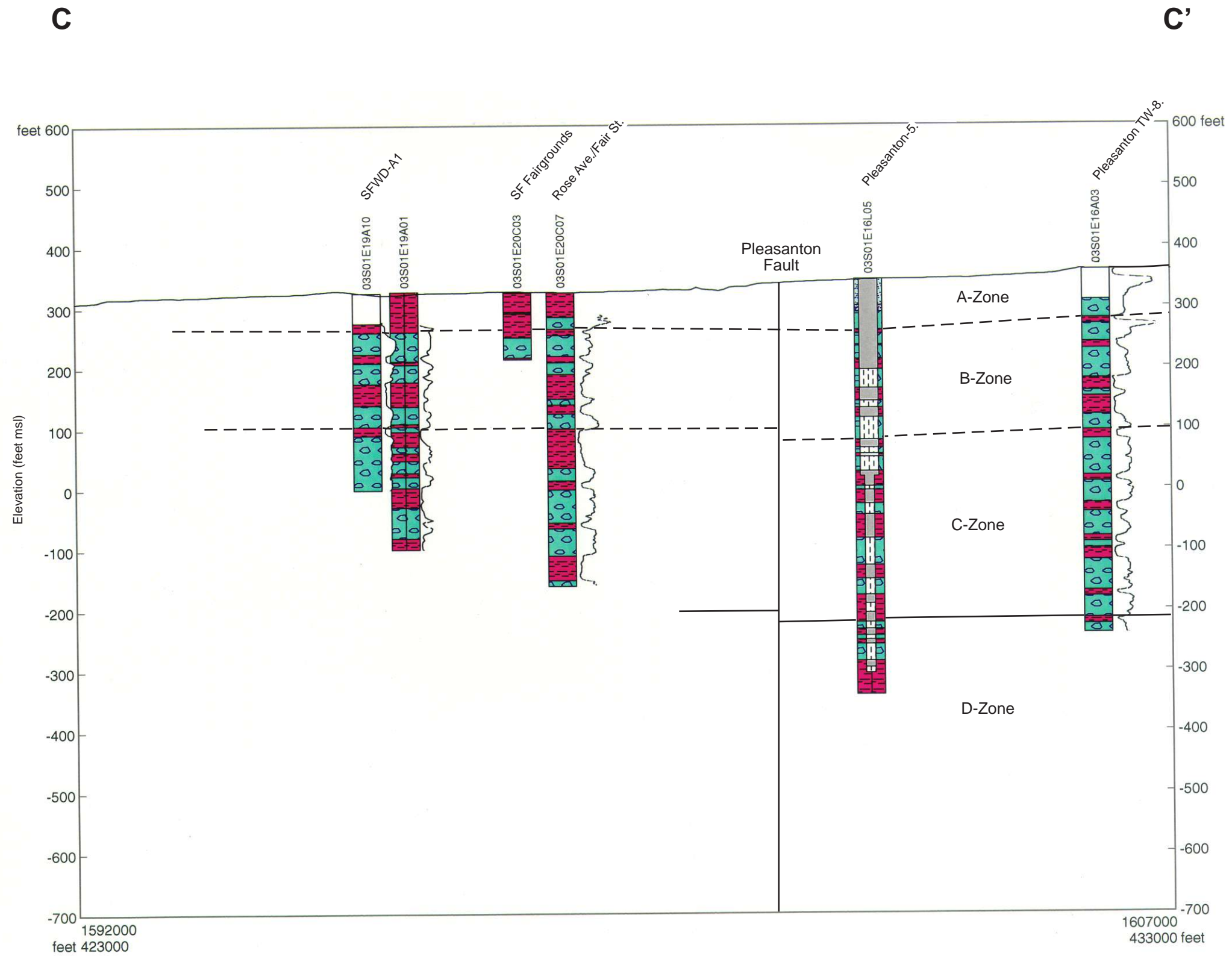


FIGURE 1.1-5
CROSS-SECTION C-C'
WELL MASTER PLAN
 ZONE 7 WATER AGENCY
 WELL WATER PLAN

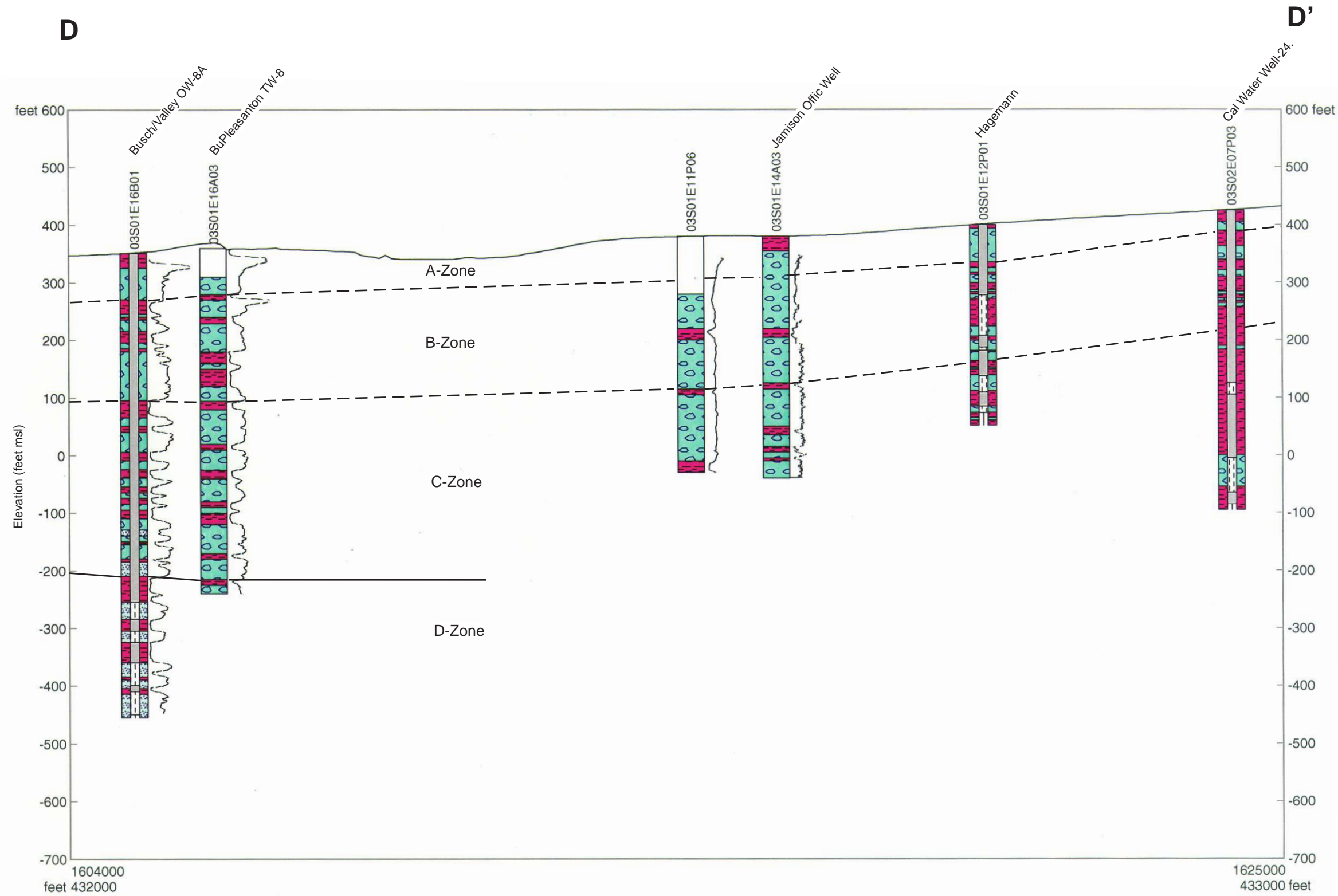


FIGURE 1.1-6
CROSS-SECTION D-D'
WELL MASTER PLAN
 ZONE 7 WATER AGENCY
 WELL WATER PLAN

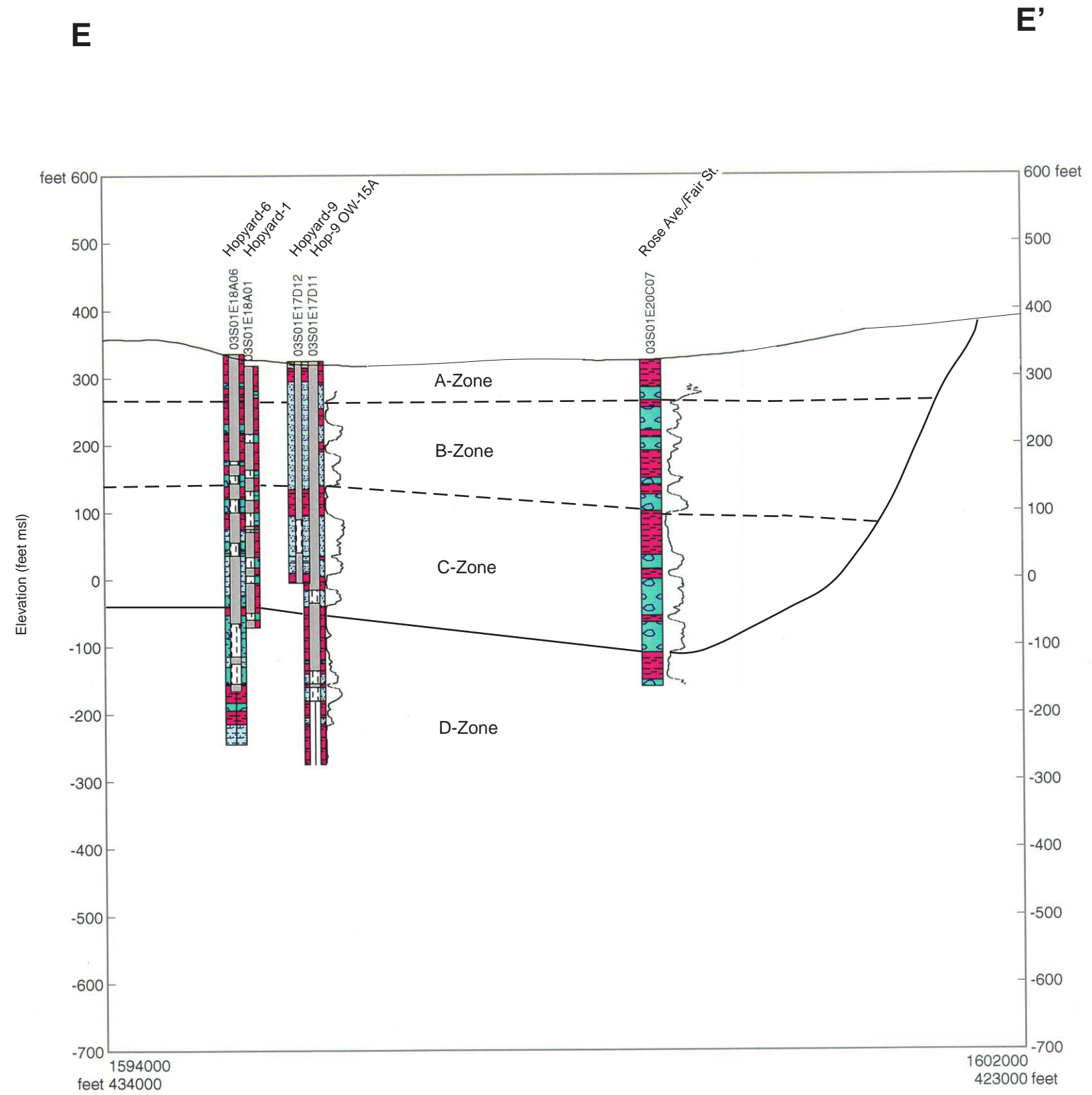


FIGURE 1.1-7
CROSS-SECTION E-E'
WELL MASTER PLAN
 ZONE 7 WATER AGENCY
 WELL WATER PLAN

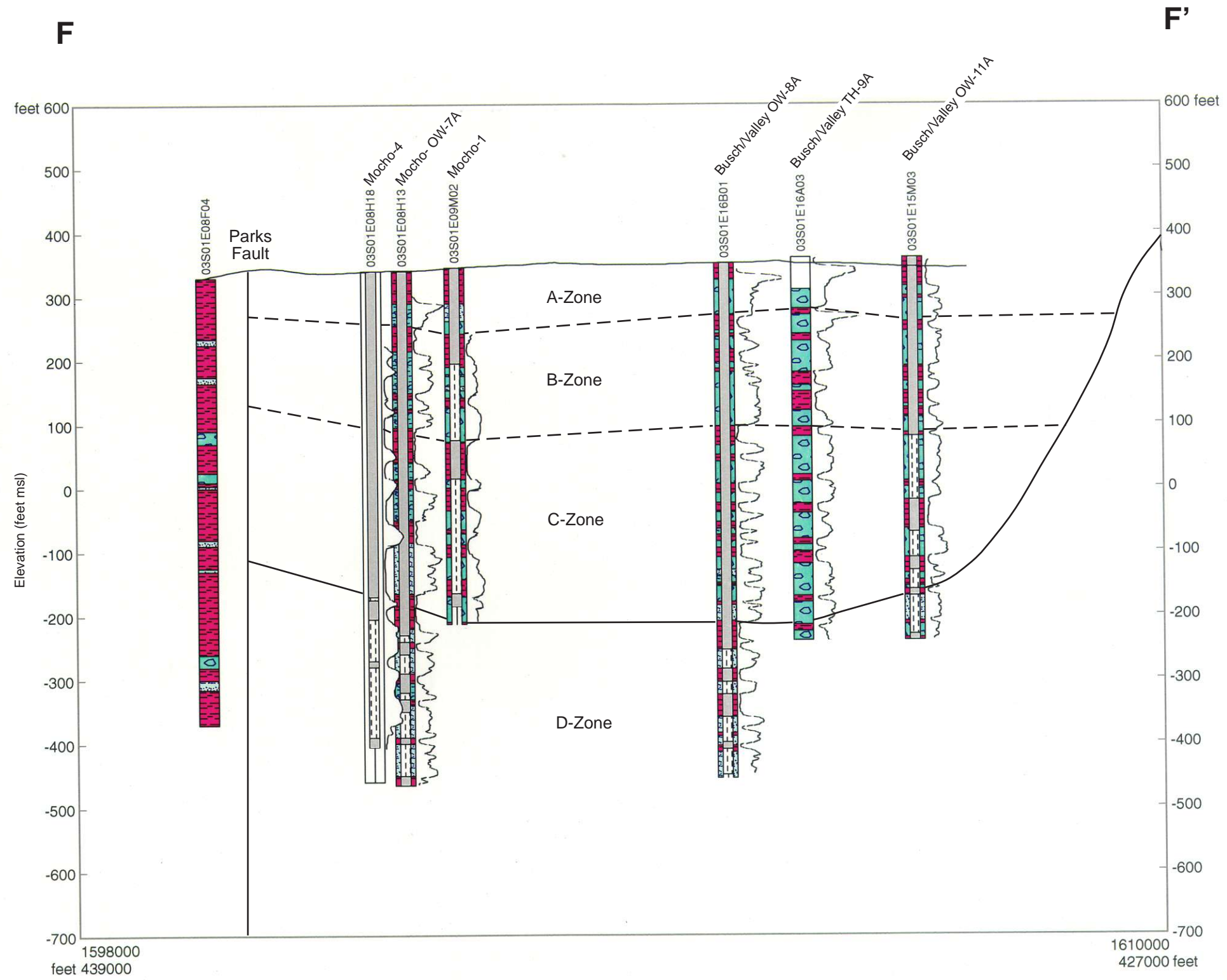


FIGURE 1.1-8
CROSS-SECTION F-F'
WELL MASTER PLAN
 ZONE 7 WATER AGENCY
 WELL WATER PLAN

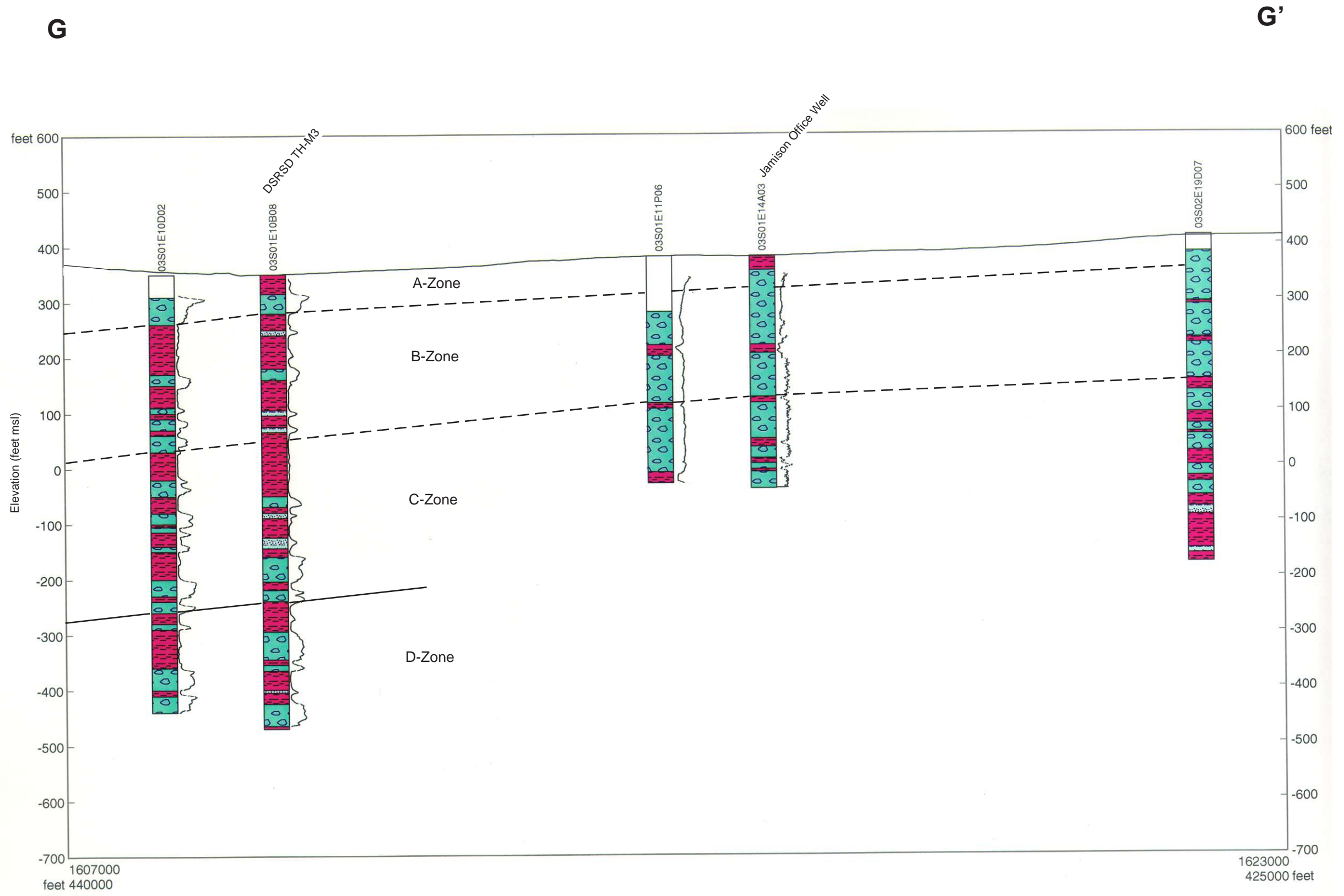
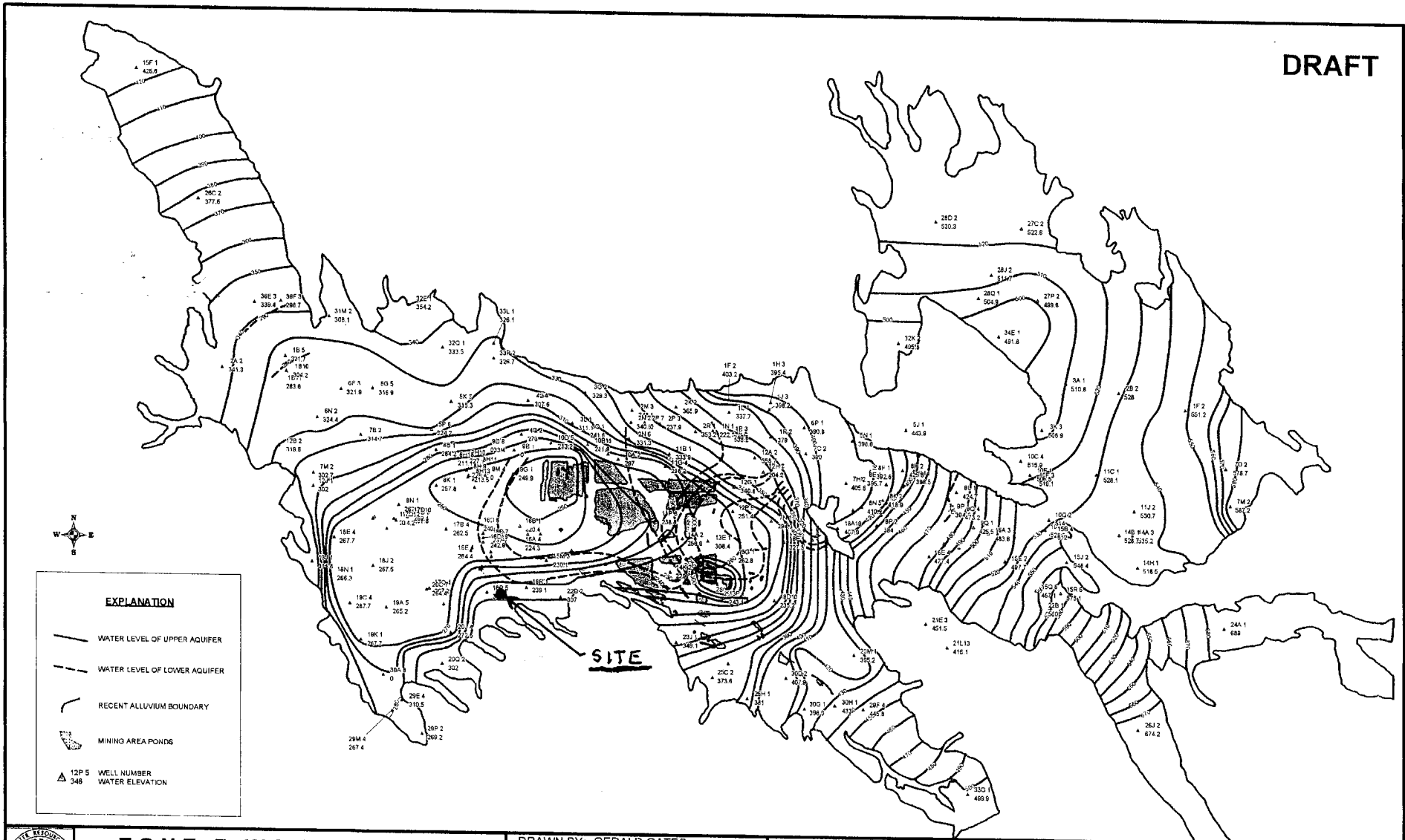


FIGURE 1.1-9
CROSS-SECTION G-G'
WELL MASTER PLAN
 ZONE 7 WATER AGENCY
 WELL WATER PLAN

DRAFT



ZONE 7 WATER AGENCY

5997 PARKSIDE DRIVE, PLEASANTON CA 94588

DRAWN BY: GERALD GATES
 DESIGNED BY: G.GATES/D.LUNN
 CHECKED BY:
 APPROVED BY:

WATER RESOURCES ENGINEERING
FALL GROUNDWATER CONTOUR MAP
 2001 WATER YEAR

SCALE: 1" = 6000'
 DATE: 5 February 2002
 FILE NO.: E:\MONITOR\GM2001\WY5AF01.WOR

ATTACHMENT C
Historic Soil Data and Sample Locations

TABLE 1
SUMMARY OF SOIL SAMPLE CHEMICAL ANALYSIS RESULTS
78 Service Station No. 7376
4191 First Street, Pleasanton, California

Sample Location	Date	Sample Depth (ft)	TPH-G (mg/kg)	TPH-D (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	TVH (mg/kg)	TEH (mg/kg)	TPH-o (mg/kg)
B1	06/30/87	20.0	--	--	17.1	73.6	17.0	92.3	--	281.9	--	--
B1	06/30/87	35.0	--	--	2.06	1.02	0.84	6.69	--	126.13	1,325	--
B1	06/30/87	45.0	--	--	0.64	1.06	0.26	1.47	--	9.36	--	--
B2	06/30/87	25.0	--	--	13.1	6.3	6.1	66.2	--	188.8	--	--
B2	06/30/87	35.0	--	--	1.47	1.58	1.81	18.09	--	56.81	--	--
B2	06/30/87	45.0	--	--	0.07	0.26	0.18	1.30	--	9.09	--	--
B3	06/30/87	10.0	--	--	ND	ND	ND	ND	--	ND	--	--
B3	06/30/87	30.0	--	--	3.95	0.61	0.13	0.85	--	7.72	--	--
B3	06/30/87	40.0	--	--	12.4	47.8	9.4	46.1	--	180.7	--	--
B4	08/21/87	35.0	--	--	1.4	0.6	0.6	4.4	--	100.5	1,835	--
B4	08/21/87	65.0	--	--	ND	ND	ND	ND	--	0.45	ND	--
B8	06/08/98	61.5	ND	ND	ND	ND	ND	ND	ND	--	--	ND
B8	06/08/98	72.5	ND	ND	ND	ND	ND	ND	ND	--	--	ND
B9	06/08/98	61.5	ND	ND	ND	ND	ND	ND	ND	--	--	ND
B9	06/08/98	80.5	5	280	0.32	0.026	0.032	0.43	ND	--	--	ND
B9	06/08/98	81.0	4	ND	0.29	0.59	0.039	0.31	ND	--	--	ND
B10	06/11/98	12.0	1	1.8	0.013	0.013	0.021	0.13	0.23	--	--	ND
B10	06/11/98	24.5	760	1,900	5.1	0.9	22	25	ND	--	--	ND
B10	06/11/98	31.0	720	970	7.3	31	11	68	ND	--	--	ND
B10	06/11/98	38.0	4	90	0.033	0.006	0.010	0.032	0.08	--	--	ND
B10	06/11/98	49.0	ND	ND	ND	ND	ND	ND	ND	--	--	ND
B10	06/11/98	57.0	ND	ND	0.012	0.012	0.006	0.048	ND	--	--	ND
B10	06/11/98	75.5	ND	ND	ND	ND	ND	ND	ND	--	--	ND
B11	06/09/98	5.5	54	23	0.28	0.2	0.3	3.6	0.72	--	--	590
B11	06/09/98	10.5	560	66	16	8.0	5.2	25	ND	--	--	6,200
B11	06/09/98	18.0	16	3,500	0.17	0.031	0.21	0.62	ND	--	--	ND
B11	06/09/98	23.0	580	6,500	12	1.3	6.0	17	ND	--	--	ND
B11	06/09/98	31.0	290	2,200	4.1	0.89	4.7	11	2	--	--	ND
B11	06/09/98	41.0	ND	84	0.02	ND	ND	ND	0.25	--	--	ND
B11	06/09/98	45.5	2	7,300	0.036	0.15	0.022	0.15	ND	--	--	ND
B11	06/09/98	53.0	14	700	0.008	0.008	0.02	0.025	ND	--	--	ND
B11	06/09/98	61.0	370	4,000	2.8	16	5.2	24	2.5	--	--	ND
B11	06/09/98	66.5	ND	140	ND	ND	ND	ND	0.12	--	--	ND
B11	06/09/98	73.5	ND	ND	ND	ND	ND	ND	ND	--	--	ND
B12	06/10/98	10.0	5	ND	0.16	0.073	0.02	0.22	1.1	--	--	ND
B12	06/10/98	18.5	ND	ND	ND	ND	ND	ND	0.64	--	--	ND
B12	06/10/98	28.5	430	14,000	5.1	3.2	6.6	15	2.6	--	--	ND
B12	06/10/98	37.5	1,700	4,700	21	3.8	8.7	7.6	ND	--	--	ND
B12	06/10/98	47.0	98	2,600	1.5	1.2	2.0	4.4	1.5	--	--	ND
B12	06/10/98	55.0	ND	ND	ND	ND	ND	0.01	ND	--	--	ND
B12	06/10/98	72.0	ND	ND	ND	ND	ND	ND	ND	--	--	ND
B13	11/22/99	7.5	93	--	ND	2.3	ND	1.1	ND	--	--	--
B13	11/22/99	15.5	ND	--	ND	ND	ND	ND	ND	--	--	--
B13	11/22/99	28.0	14,000	--	100	92	240	1,200	ND	--	--	--
B13	11/22/99	38.5	65	--	0.40	0.088	0.092	0.31	ND	--	--	--
B13	11/22/99	46.0	330	--	6.7	ND	7.0	21	2	--	--	--
B13	11/22/99	51.0	72	--	0.58	0.32	0.97	3.8	ND	--	--	--
B13	11/22/99	57.0	6.2	--	0.67	0.30	0.068	0.24	0.18	--	--	--
B13	11/22/99	63.0	2.0	--	0.38	0.22	0.013	0.16	ND	--	--	--
B13	11/22/99	73.5	ND	--	0.0052	0.0075	ND	0.024	0.058	--	--	--
B13	11/22/99	85.5	ND	--	ND	ND	ND	ND	ND	--	--	--
B13	11/22/99	101.5	ND	--	ND	ND	ND	ND	ND	--	--	--
B13	11/22/99	106.0	ND	--	ND	ND	ND	ND	ND	--	--	--
B13	11/22/99	123.5	ND	--	ND	ND	ND	ND	ND	--	--	--
B13	11/22/99	126.0	ND	--	ND	ND	ND	ND	ND	--	--	--
P1	09/09/94	3.0	ND	--	ND	ND	ND	ND	--	--	--	--
P2	09/09/94	3.0	1,300	--	3.3	57	26	130	--	--	--	--
P2	09/15/94	9.0	13	--	0.020	0.016	0.013	1.1	--	--	--	--
P3	09/09/94	3.0	4.9	--	0.071	0.028	0.065	0.70	--	--	--	--
P4	09/09/94	3.0	11	--	0.26	0.014	0.23	1.3	--	--	--	--
P5	09/09/94	3.0	8,900	--	65	570	160	800	--	--	--	--
P5	09/15/94	9.0	17	--	0.029	0.031	0.047	1.4	--	--	--	--
P6	09/09/94	3.0	ND	--	0.0093	0.015	ND	0.028	--	--	--	--
P7	09/09/94	3.0	8.7	--	0.21	0.028	0.081	0.73	--	--	--	--

TABLE 1
SUMMARY OF SOIL SAMPLE CHEMICAL ANALYSIS RESULTS
 76 Service Station No. 7376
 4191 First Street, Pleasanton, California

Sample Location	Date	Sample Depth (ft/g)	TPH-G (mg/kg)	TPH-D (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	TVH (mg/kg)	TEH (mg/kg)	TPH-o (mg/kg)
P8	09/09/94	3.0	10	--	0.074	0.27	0.043	0.38	--	--	--	--
P9	09/09/94	3.0	86*	--	0.69	0.15	0.71	3.9	--	--	--	--
P10	09/09/94	3.0	ND	--	ND	ND	ND	0.015	--	--	--	--
P11	09/09/94	3.0	ND	--	ND	ND	ND	ND	--	--	--	--
P12	09/09/94	3.0	4.7*	--	0.011	0.17	0.091	0.64	--	--	--	--
P13	09/23/94	9.0	4,400.0	--	29	390	150	790	--	--	--	--
EB-1	02/06/95	5.0	15,000	3,600**	340	1,700	390	2,100	--	--	--	--
EB-1	02/06/95	10.0	3,200	690**	32	280	73	400	--	--	--	--
EB-1	02/06/95	15.0	1,800	800**	15	140	41	240	--	--	--	--
EB-1	02/06/95	20.0	1,700	240**	4.9	76	39	220	--	--	--	--
EB-1	02/06/95	25.0	2,000	840**	3.9	78	44	260	--	--	--	--
EB-1	02/06/95	30.0	1,500	530***	ND	40	30	170	--	--	--	--
EB-1	02/06/95	35.0	1,800	200***	1.4	52	44	260	--	--	--	--
EB-1	02/06/95	40.0	1,200	98**	1.3	50	25	140	--	--	--	--
EB-1	02/06/95	45.0	27	2.6***	1.4	5.7	0.59	3.2	--	--	--	--
EB-1	02/06/95	50.0	430	65**	0.29	11	7.5	42	--	--	--	--
EB-1	02/06/95	55.0	6.4	ND	0.89	0.097	0.20	1.0	--	--	--	--
EB-1	02/06/95	60.0	1.6	ND	0.0090	0.061	0.021	0.098	--	--	--	--
EB-1	02/06/95	65.0	ND	ND	ND	0.034	0.011	0.066	--	--	--	--
MW-1 (B5)	12/02/87	35.0	--	--	ND	ND	ND	ND	--	ND	ND	--
MW-1	12/02/87	75.0	--	--	ND	ND	ND	ND	--	ND	ND	--
MW-2 (B6)	12/05/87	35.0	--	--	ND	ND	ND	ND	--	5.0	ND	--
MW-2	12/05/87	70.0	--	--	ND	ND	ND	ND	--	ND	ND	--
WELL ABANDONED 02/07/95												
MW-2B	02/06/95	5.0	7.3	ND	0.13	0.048	0.090	0.63	--	--	--	--
MW-2B	02/06/95	10.0	2.1	ND	0.062	0.020	0.0078	0.11	--	--	--	--
MW-2B	02/06/95	15.0	2.0	ND	0.12	0.0076	0.0074	0.02	--	--	--	--
MW-2B	02/06/95	20.0	16*	110**	0.50	0.042	0.12	0.18	--	--	--	--
MW-2B	02/06/95	25.0	660	550**	9.5	2.6	4.1	11	--	--	--	--
MW-2B	02/06/95	30.0	880	1,100**	8.2	1.1	6.1	11	--	--	--	--
MW-2B	02/06/95	35.0	720	2,400**	3.2	1.1	4.6	15	--	--	--	--
MW-2B	02/06/95	40.0	130*	430**	1.4	0.45	1.6	5.0	--	--	--	--
MW-2B	02/06/95	45.0	110*	1,000**	0.31	0.083	0.63	1.7	--	--	--	--
MW-2B	02/06/95	50.0	190*	1,800**	ND	0.68	0.33	2.2	--	--	--	--
MW-2B	02/06/95	55.0	4.3****	320**	ND	ND	0.013	0.056	--	--	--	--
MW-2B	02/06/95	60.0	2.2****	33**	0.013	0.0088	ND	0.036	--	--	--	--
MW-2B	02/06/95	65.0	1.0	4.7**	ND	0.0099	ND	0.0097	--	--	--	--
MW-2B	02/06/95	70.0	ND	ND	ND	ND	ND	ND	--	--	--	--
MW-2B	02/06/95	75.0	ND	ND	ND	ND	ND	ND	--	--	--	--
MW-2B	02/06/95	80.0	ND	ND	ND	ND	ND	ND	--	--	--	--
MW-3 (B7)	12/07/87	55.0	--	--	1.3	6.2	14.0	34.0	--	390.0	220.0	--
MW-3	12/07/87	75.0	--	--	ND	ND	ND	ND	--	5.0	30.0	--
MW-4	07/24/96	5.0	14****	10	ND	ND	ND	0.068	--	--	--	--
MW-4	07/24/96	10.0	ND	ND	0.080	0.039	0.0069	0.096	--	--	--	--
MW-4	07/24/96	15.0	ND	ND	0.011	ND	ND	ND	--	--	--	--
MW-4	07/24/96	20.0	ND	ND	ND	ND	ND	ND	--	--	--	--
MW-4	07/24/96	25.0	47*	15	ND	ND	ND	0.77	--	--	--	--
MW-4	07/24/96	30.0	ND	ND	ND	0.014	ND	0.029	--	--	--	--
MW-4	07/24/96	35.0	ND	ND	0.0954	0.015	ND	0.021	--	--	--	--
MW-4	07/24/96	40.0	ND	ND	0.031	0.039	0.0083	0.040	--	--	--	--
MW-4	07/24/96	45.0	ND	ND	0.015	0.0078	ND	0.0089	--	--	--	--
MW-4	07/24/96	50.0	ND	ND	0.015	ND	ND	0.0074	--	--	--	--
MW-4	07/24/96	55.0	ND	ND	ND	ND	ND	ND	--	--	--	--
MW-4	07/24/96	60.0	ND	ND	ND	ND	ND	ND	--	--	--	--
MW-4	07/24/96	65.0	27	ND	0.026	0.081	0.27	0.35	--	--	--	--
MW-4	07/24/96	70.0	ND	ND	0.27	0.0053	ND	0.081	--	--	--	--
MW-4	07/24/96	75.0	ND	ND	ND	ND	ND	ND	--	--	--	--
MW-4	07/24/96	79.5	ND	ND	ND	ND	ND	ND	--	--	--	--
MW-5	07/23/96	5.0	ND	ND	ND	ND	ND	ND	--	--	--	--
MW-5	07/23/96	10.0	ND	ND	ND	ND	ND	ND	--	--	--	--
MW-5	07/23/96	15.0	ND	ND	ND	ND	ND	ND	--	--	--	--
MW-5	07/23/96	20.0	ND	ND	ND	ND	ND	ND	--	--	--	--
MW-5	07/23/96	25.0	ND	ND	ND	ND	ND	ND	--	--	--	--
MW-5	07/23/96	30.0	ND	ND	0.013	ND	ND	ND	--	--	--	--
MW-5	07/23/96	35.0	ND	ND	0.034	ND	ND	0.0055	--	--	--	--
MW-5	07/23/96	40.0	ND	ND	ND	ND	ND	ND	--	--	--	--
MW-5	07/23/96	45.0	ND	ND	ND	ND	ND	ND	--	--	--	--

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SUMMARY OF SOIL SAMPLE CHEMICAL ANALYSIS RESULTS
 76 Service Station No. 7376
 4191 First Street, Pleasanton, California

Sample Location	Date	Sample Depth (fbg)	TPH-G (mg/kg)	TPH-D (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	TVH (mg/kg)	TEH (mg/kg)	TPH-o (mg/kg)
MW-5	07/23/96	50.0	ND	ND	0.038	ND	ND	ND	--	--	--	--
MW-5	07/23/96	55.0	32	ND	0.28	ND	0.098	0.048	--	--	--	--
MW-5	07/23/96	60.0	560	110	2.4	2.6	2.3	6.5	--	--	--	--
MW-5	07/23/96	65.0	400	450	3.9	4.1	5.5	58	--	--	--	--
MW-6	07/24/96	5.0	ND	ND	0.054	0.055	0.052	0.17	--	--	--	--
MW-6	07/24/96	10.0	ND	ND	0.011	0.0085	0.014	0.043	--	--	--	--
MW-6	07/24/96	15.0	ND	ND	ND	ND	ND	ND	--	--	--	--
MW-6	07/24/96	20.0	ND	ND	ND	ND	ND	ND	--	--	--	--
MW-6	07/24/96	25.0	ND	ND	ND	ND	ND	ND	--	--	--	--
MW-6	07/24/96	35.0	4.8	ND	0.69	0.67	0.073	0.71	--	--	--	--
MW-6	07/24/96	40.0	1.2	ND	0.27	0.15	0.010	0.053	--	--	--	--
MW-6	07/24/96	45.0	4.8	ND	1.2	1.2	0.049	0.50	--	--	--	--
MW-6	07/24/96	50.0	ND	ND	0.026	ND	0.014	0.0095	--	--	--	--
MW-6	07/24/96	55.0	5.0	200	0.034	0.043	0.049	0.11	--	--	--	--
MW-6	07/24/96	60.0	ND	ND	0.0050	ND	ND	ND	--	--	--	--
MW-6	07/24/96	65.0	ND	ND	0.011	ND	ND	ND	--	--	--	--
MW-6	07/24/96	70.0	ND	ND	0.17	0.018	ND	0.039	--	--	--	--
MW-6	07/24/96	75.0	ND	ND	ND	ND	ND	ND	--	--	--	--
MW-6	07/24/96	77.5	ND	ND	ND	ND	ND	ND	--	--	--	--
MW-7	08/14/98	11	ND	ND	ND	ND	ND	ND	ND	--	--	ND
MW-7	08/14/98	28	ND	ND	ND	ND	ND	ND	ND	--	--	ND
MW-7	08/14/98	30.5	ND	ND	ND	ND	ND	ND	ND	--	--	ND
MW-7	08/14/98	42.0	ND	ND	ND	ND	ND	ND	ND	--	--	ND
MW-7	08/14/98	60.5	ND	ND	ND	ND	ND	ND	ND	--	--	ND
MW-8	06/12/98	11	ND	ND	NO	0.007	ND	0.010	ND	--	--	ND
MW-8	06/12/98	37.0	ND	ND	ND	0.006	ND	ND	ND	--	--	ND
MW-8	06/12/98	45.5	60	79	ND	0.068	0.27	0.58	ND	--	--	ND
MW-8	06/12/98	51.5	ND	ND	NO	ND	ND	ND	ND	--	--	ND
MW-8	06/12/98	67.0	ND	ND	NO	ND	ND	ND	ND	--	--	ND
MW-9	10/07/99	16	ND	--	NO	ND	ND	ND	ND	--	--	--
MW-9	10/07/99	30.5	ND	--	NO	ND	ND	ND	ND	--	--	--
MW-9	10/07/99	41.0	ND	--	NO	ND	ND	ND	ND	--	--	--
MW-9	10/07/99	46.5	ND	--	NO	ND	ND	ND	ND	--	--	--
MW-9	10/07/99	60.5	ND	--	NO	ND	ND	ND	ND	--	--	--
MW-10	11/21/99	5.5	ND	--	NO	ND	ND	ND	ND	--	--	--
MW-10	11/21/99	16.5	ND	--	NO	ND	ND	ND	ND	--	--	--
MW-10	11/21/99	25.5	ND	--	NO	ND	ND	ND	ND	--	--	--
MW-10	11/21/99	38.0	9.7	--	0.035	0.034	0.062	0.11	ND	--	--	--
MW-10	11/21/99	44.0	ND	--	NO	ND	ND	ND	ND	--	--	--
MW-10	11/21/99	56.0	240	--	0.71	0.76	2.2	0.65	1.2	--	--	--
MW-10	11/21/99	71.0	ND	--	NO	ND	ND	ND	ND	--	--	--
MW-10	11/21/99	82.0	ND	--	NO	ND	ND	ND	ND	--	--	--
MW-10	11/21/99	90.5	ND	--	NO	ND	ND	ND	ND	--	--	--
MW-11	09/17/01	41.0	ND<1.0	ND<2.5	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.050	--	--	--
MW-11	09/17/01	72.5	ND<1.0	ND<2.5	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.050	--	--	--
MW-11	09/17/01	80.5	ND<1.0	ND<2.5	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.050	--	--	--
MW-11	09/17/01	84.0	ND<1.0	ND<2.5	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.050	--	--	--
MW-12	09/19/01	52.0	ND<1.0	ND<2.5	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.050	--	--	--
MW-12	09/19/01	68.5	ND<1.0	ND<2.5	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.050	--	--	--
MW-12	09/19/01	80.5	ND<1.0	ND<2.5	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.050	--	--	--
MW-12	09/19/01	82.5	ND<1.0	ND<2.5	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.050	--	--	--

Notes:

- | | |
|--|--------------------------------------|
| TPH-G = total petroleum hydrocarbons as gasoline | MTBE = methyl tert butyl ether |
| TPH-D = total petroleum hydrocarbons as diesel | DIPE = Di-isopropyl ether |
| mg/kg = milligrams per kilogram | ETBE = Ethyl tert-butyl ether |
| ND = not detected at or above laboratory detection limits | 1,2-DCA = 1,2-Dichloroethane |
| -- = not analyzed | TAME = tert-amyl methyl ether |
| TBA = tert-Butyl alcohol | EDB = Ethylene Dibromide |
| fbg = feet below grade | TOG = Total oil and grease |
| TVH = total volatile hydrocarbons | TEH = total extractable hydrocarbons |
| * = Laboratory reported that the hydrocarbons detected appeared to be a TPH-G and non-gasoline mixture | |
| ** = Laboratory reported that the hydrocarbons detected appeared to be a TPH-D and non-diesel mixture | |
| *** = Laboratory reported that the hydrocarbons detected do not appear to be diesel | |
| **** = Laboratory reported that the hydrocarbons detected do not appear to be gasoline | |

Table 2

GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Station No. 7376
 4191 First Street, Pleasanton, California

Sample ID	Date	Sample Depth (feet)	TPPH (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	ETBE (µg/L)	TAME (µg/L)	DIPE (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TPH-D (µg/L)
CPT Water Samples																
CP-1D ^a	2/18/2008	75-77	1500	250	2.6	33	15	530	490	ND<0.50	ND<0.50	ND<0.50	28	ND<0.50	ND<250	660
CP-2D ^a	2/20/2008	95-100	ND<50	0.67	ND<0.50	ND<0.50	ND<1.0	1.4	ND<10	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<250	150
CP-3D ^a	2/20/2008	88-93	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<10	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<250	140
CP-4S ^b	2/21/2008	63-68	99	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<10	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<250	83
CP-4D ^a	2/21/2008	79-82	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	4.8	ND<10	ND<0.50	ND<0.50	ND<0.50	0.68	ND<0.50	ND<250	69
CP-6D ^a	2/25/2008	75-88	160	4.7	ND<0.50	1.0	ND<1.0	110	170	ND<0.50	ND<0.50	7.0	1.4	ND<0.50	ND<250	ND<77
CP-7M ^c	2/26/2008	72-77	200	ND<0.50	ND<0.50	ND<0.50	ND<1.0	260	120	ND<0.50	ND<0.50	2.6	1.8	ND<0.50	ND<250	ND<72
Composite																
Comp Water	2/26/2008	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<10	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<250	190

TPPH = Total purgeable petroleum hydrocarbons by EPA Method 8260B
 BTEX = Benzene, toluene, ethylbenzene, total xylenes by EPA Method 8260B
 MTBE = Methyl tertiary butyl ether by EPA Method 8260B
 TBA = Tertiary butyl alcohol by EPA Method 8260B
 ETBE = Ethyl tertiary butyl ether by EPA Method 8260B
 DIPE = Di-isopropyl ether by EPA Method 8260B
 TAME = Tertiary amyl methyl ether by EPA Method 8260B
 1,2-DCA = 1,2-dichloroethane (also known as ethylene dichloride) by EPA Method 8260B
 EDB = Ethylene dibromide (also known as 1,2-dibromoethane) by EPA Method 8260B

TPH-D = Total petroleum hydrocarbons as diesel by EPA Method 8015 M
 Ethanol analyzed by EPA Method 8260B
 µg/L = micrograms per liter
 ND = not detected above the laboratory detection limit
 -- = not applicable / not analyzed
Bold = detected compound concentration
 EPA = US Environmental Protection Agency

^a = "deep" water sample
^b = "shallow" water sample
^c = "mixed" water sample collected after drilling past a shallower zone of saturation into a deeper zone of saturation

TABLE 1

SOIL ANALYTICAL RESULTS
 ConocoPhillips Station No. 7376
 4191 First Street, Pleasanton, California

Sample ID	Date	Sample Depth (feet)	TPPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	TBA (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	DIPE (mg/kg)	1,2-DCA (mg/kg)	EDB (mg/kg)	Ethanol (mg/kg)	TPH-D (mg/kg)	Total Lead (mg/kg)
CPT Soil Samples																	
CP-1@ 14.5-15'	2/18/2008	14.5-15	0.64	0.18	ND<0.0050	ND<0.0050	ND<0.010	0.29	0.36	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	3100	--
CP-1@ 19.5-20'	2/18/2008	19.5-20	48	2.7	0.066	0.77	0.36	0.51	ND<0.50	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<10	140	--
CP-1@ 24.5-25'	2/18/2008	24.5-25	640	4.5	ND<0.50	16	1.2	ND<0.50	ND<5.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	220	--
CP-1@ 29.5-30'	2/18/2008	29.5-30	470	14	ND<1.0	14	6.6	1.3	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<200	5000	--
CP-1@ 34.5-35'	2/18/2008	34.5-35	370	3.8	ND<0.25	8.1	4.2	ND<0.25	ND<2.5	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<250	300	--
CP-1@ 39.5-40'	2/18/2008	39.5-40	360	9.7	ND<0.25	5.5	7.4	0.76	ND<2.5	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<50	570	--
CP-1@ 44.5-45'	2/18/2008	44.5-45	61	ND<0.010	ND<0.010	ND<0.010	ND<0.020	0.075	0.26	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<2.0	920	--
CP-1@ 49.5-50'	2/18/2008	49.5-50	1.6	0.066	ND<0.0050	ND<0.0050	ND<0.010	0.29	0.43	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	130	--
CP-1@ 54.5-55'	2/18/2008	54.5-55	1.4	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	0.28	0.40	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	9.9	--
CP-1@ 59.5-60'	2/18/2008	59.5-60	0.27	0.033	ND<0.0050	0.0058	ND<0.010	0.063	0.19	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	ND<2.0	--
CP-1@ 64.5-65'	2/18/2008	64.5-65	0.21	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	0.11	0.24	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	ND<2.0	--
CP-1@ 69.5-70'	2/18/2008	69.5-70	0.35	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	0.32	0.22	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	ND<2.0	--
CP-2@ 9.5-10'	2/19/2008	9.5-10	ND<0.20	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	ND<0.0050	ND<0.050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	ND<2.0	--
CP-2@ 14.5-15'	2/19/2008	14.5-15	ND<0.20	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	ND<0.0050	ND<0.050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	ND<2.0	--
CP-2@ 19.5-20'	2/19/2008	19.5-20	ND<0.20	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	ND<0.0050	ND<0.050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	ND<2.0	--
CP-2@ 24.5-25'	2/19/2008	24.5-25	ND<0.20	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	ND<0.0050	ND<0.050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	ND<2.0	--
CP-2@ 29.5-30'	2/19/2008	29.5-30	ND<0.20	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	ND<0.0050	ND<0.050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	ND<2.0	--
CP-2@ 34.5-35'	2/19/2008	34.5-35	ND<0.20	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	ND<0.0050	ND<0.050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	ND<2.0	--
CP-2@ 39.5-40'	2/19/2008	39.5-40	ND<0.20	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	ND<0.0050	ND<0.050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	ND<2.0	--
CP-2@ 44.5-45'	2/19/2008	44.5-45	ND<0.20	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	ND<0.0050	ND<0.050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	ND<2.0	--
CP-2@ 49.5-50'	2/19/2008	49.5-50	ND<0.20	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	ND<0.0050	ND<0.050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	ND<2.0	--
CP-3@ 29.5-30'	2/20/2008	29.5-30	ND<0.20	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	ND<0.0050	ND<0.050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	ND<2.0	--
CP-3@ 84.5-85'	2/20/2008	84.5-85	ND<0.20	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	ND<0.0050	ND<0.050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	ND<2.0	--
CP-4@ 54.5-55'	2/21/2008	54.5-55	ND<0.20	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	ND<0.0050	ND<0.050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	ND<2.0	--
CP-4@ 64.5-65'	2/21/2008	64.5-65	ND<0.20	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	ND<0.0050	ND<0.050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	ND<2.0	--
CP-4@ 74.5-75'	2/21/2008	74.5-75	ND<0.20	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	ND<0.0050	ND<0.050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	ND<2.0	--
CP-5@ 44.5-45'	2/22/2008	44.5-45	ND<0.20	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	0.022	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.0050	ND<0.0050	ND<1.0	ND<2.0	--
CP-6@ 34.5-35'	2/25/2008	34.5-35	ND<0.20	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	ND<0.0050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.0050	ND<0.0050	ND<1.0	ND<2.0	--
CP-6@ 69.5-70'	2/25/2008	69.5-70	ND<0.20	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	0.022	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.0050	ND<0.0050	ND<1.0	ND<2.0	--
CP-7@ 39.5-40'	2/26/2008	39.5-40	ND<0.20	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	ND<0.0050	ND<0.050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	ND<2.0	--
CP-7@ 54.5-55'	2/26/2008	54.5-55	ND<0.20	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	0.020	ND<0.050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	ND<2.0	--
Composite																	
Comp Soil	2/25/2008	--	ND<0.20	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	0.0055	ND<0.050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	2.4	15

TPPH = Total purgeable petroleum hydrocarbons by EPA Method 8260B
 BTEX = Benzene, toluene, ethylbenzene, total xylenes by EPA Method 8260B
 MTBE = Methyl tertiary butyl ether by EPA Method 8260B
 TBA = Tertiary butyl alcohol by EPA Method 8260B
 ETBE = Ethyl tertiary-butyl ether by EPA Method 8260B
 DIPE = Di-isopropyl ether by EPA Method 8260B
 TAME = Tertiary amyl methyl ether by EPA Method 8260B
 1,2-DCA = 1,2-dichloroethane (also known as ethylene dichloride) by EPA Method 8260B
 EDB = Ethylene dibromide (also known as 1,2-dibromoethane) by EPA Method 8260B

TPH-D = Total petroleum hydrocarbons as diesel by EPA Method 8015 M
 Ethanol analyzed by EPA Method 8260B
 Total lead analyzed by EPA Method 6010B
 mg/kg = milligrams per kilogram
 ND = not detected above the laboratory detection limit
 -- = not applicable / not analyzed
 Bold = detected compound concentration
 EPA = US Environmental Protection Agency

TABLE II
 Summary of Soil Analytical Results
 MW-2C
 76 Service Station No. 7376
 4191 1st St
 Pleasanton, CA

Contaminant	Sample Depth						Reporting Limit	Units
	20 fbg	25 fbg	30 fbg	35 fbg	40 fbg	45 fbg		
Benzene	0.39	ND	28	19	0.056	0.05	0.25	mg/Kg
Bromobenzene	ND	ND	ND	ND	ND	ND	0.25	mg/Kg
Bromochloromethane	ND	ND	ND	ND	ND	ND	0.25	mg/Kg
Bromodichloromethane	ND	ND	ND	ND	ND	ND	0.25	mg/Kg
Bromoform	ND	ND	ND	ND	ND	ND	0.25	mg/Kg
Bromomethane	ND	ND	ND	ND	ND	ND	0.25	mg/Kg
n-Butylbenzene	1	5.3	3.7	1.4	0.01	0.032	0.25	mg/Kg
sec-Butylbenzene	ND	ND	ND	0.34	ND	ND	0.25	mg/Kg
tert-Butylbenzene	ND	ND	ND	ND	ND	ND	0.25	mg/Kg
Carbon tetrachloride	ND	ND	ND	ND	ND	ND	0.25	mg/Kg
Chlorobenzene	ND	ND	ND	ND	ND	ND	0.25	mg/Kg
Chloroethane	ND	ND	ND	ND	ND	ND	0.25	mg/Kg
Chloroform	ND	ND	ND	ND	ND	ND	0.25	mg/Kg
Chloromethane	ND	ND	ND	ND	ND	ND	0.25	mg/Kg
2-Chlorotoluene	ND	ND	ND	ND	ND	ND	0.25	mg/Kg
4-Chlorotoluene	ND	ND	ND	ND	ND	ND	0.25	mg/Kg
Dibromochloromethane	ND	ND	ND	ND	ND	ND	0.25	mg/Kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	ND	0.25	mg/Kg
1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	0.25	mg/Kg
Dibromomethane	ND	ND	ND	ND	ND	ND	0.25	mg/Kg
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	0.25	mg/Kg
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	0.25	mg/Kg
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	0.25	mg/Kg
Dichlorodifluoromethane	ND	ND	ND	ND	ND	ND	0.25	mg/Kg
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	0.25	mg/Kg
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	0.25	mg/Kg

TABLE II
 Summary of Soil Analytical Results
 MW-2C
 76 Service Station No. 7376
 4191 1st St
 Pleasanton, CA

Contaminant	Sample Depth						Reporting Limit	Units
	20 fbg	25 fbg	30 fbg	35 fbg	40 fbg	45 fbg		
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	0.25	mg/Kg
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	0.25	mg/Kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	0.25	mg/Kg
Total 1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	0.5	mg/Kg
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	0.25	mg/Kg
1,3-Dichloropropane	ND	ND	ND	ND	ND	ND	0.25	mg/Kg
2,2-Dichloropropane	ND	ND	ND	ND	ND	ND	0.25	mg/Kg
1,1-Dichloropropene	ND	ND	ND	ND	ND	ND	0.25	mg/Kg
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	0.25	mg/Kg
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	0.25	mg/Kg
Total 1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	0.5	mg/Kg
Ethylbenzene	4.7	14	9.9	3.9	0.021	0.22	0.25	mg/Kg
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	0.25	mg/Kg
Isopropylbenzene	ND	0.52	ND	ND	ND	0.011	0.25	mg/Kg
p-Isopropyltoluene	ND	1.4	ND	0.57	ND	ND	0.25	mg/Kg
Methylene chloride	ND	ND	ND	ND	ND	ND	0.5	mg/Kg
Methyl t-butyl ether	0.48	ND	8.7	6.6	0.39	0.075	0.25	mg/Kg
Naphthalene	2.3	10	5.9	0.6	0.0074	0.026	0.25	mg/Kg
n-Propylbenzene	1.2	6.8	ND	ND	ND	0.064	0.25	mg/Kg
Styrene	ND	ND	ND	ND	ND	ND	0.25	mg/Kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	0.25	mg/Kg
1,1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	0.25	mg/Kg
Tetrachloroethene	ND	ND	ND	ND	ND	ND	0.25	mg/Kg
Toluene	ND	ND	1.5	2.9	ND	0.017	0.25	mg/Kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	0.25	mg/Kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	0.25	mg/Kg

TABLE II
 Summary of Soil Analytical Results
 MW-2C
 76 Service Station No. 7376
 4191 1st St
 Pleasanton, CA

Contaminant	Sample Depth						Reporting Limit	Units
	20 fbg	25 fbg	30 fbg	35 fbg	40 fbg	45 fbg		
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	0.25	mg/Kg
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	0.25	mg/Kg
Trichloroethene	ND	ND	ND	ND	ND	ND	0.25	mg/Kg
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	0.25	mg/Kg
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	0.25	mg/Kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ND	ND	ND	ND	ND	0.25	mg/Kg
1,2,4-Trimethylbenzene	11	39	ND	4.6	ND	0.072	0.25	mg/Kg
1,3,5-Trimethylbenzene	ND	ND	ND	0.65	ND	ND	0.25	mg/Kg
Vinyl chloride	ND	ND	ND	ND	ND	ND	0.25	mg/Kg
Total Xylenes	3.4	6.4	12	15	ND	0.082	0.5	mg/Kg
t-Amyl Methyl ether	ND	ND	ND	ND	ND	ND	0.25	mg/Kg
t-Butyl alcohol	ND	ND	ND	ND	0.45	0.55	2.5	mg/Kg
Diisopropyl ether	ND	ND	ND	ND	ND	ND	0.25	mg/Kg
Ethanol	ND	ND	ND	ND	ND	ND	50	mg/Kg
Ethyl t-butyl ether	ND	ND	ND	ND	ND	ND	0.25	mg/Kg
Total Purgeable Petroleum Hydrocarbons	370	850	650	540	1.2	37	50	mg/Kg
Acenaphthene	ND	ND	ND	ND	ND	ND	0.1	mg/Kg
Acenaphthylene	ND	ND	ND	ND	ND	ND	0.1	mg/Kg
Aldrin	ND	ND	ND	ND	ND	ND	0.1	mg/Kg
Aniline	ND	ND	ND	ND	ND	ND	0.2	mg/Kg
Anthracene	ND	ND	ND	ND	ND	ND	0.1	mg/Kg
Benzdine	ND	ND	ND	ND	ND	ND	3	mg/Kg
Benzo[a]anthracene	ND	ND	ND	ND	ND	ND	0.1	mg/Kg
Benzo[b]fluoranthene	ND	ND	ND	ND	ND	ND	0.1	mg/Kg
Benzo[k]fluoranthene	ND	ND	ND	ND	ND	ND	0.1	mg/Kg
Benzo[a]pyrene	ND	ND	ND	ND	ND	ND	0.1	mg/Kg

TABLE II
 Summary of Soil Analytical Results
 MW-2C
 76 Service Station No. 7376
 4191 1st St
 Pleasanton, CA

Contaminant	Sample Depth						Reporting Limit	Units
	20 fbg	25 fbg	30 fbg	35 fbg	40 fbg	45 fbg		
Benzo[g,h,i]perylene	ND	ND	ND	ND	ND	ND	0.1	mg/Kg
Benzoic acid	ND	ND	ND	ND	ND	ND	0.5	mg/Kg
Benzyl alcohol	ND	ND	ND	ND	ND	ND	0.1	mg/Kg
Benzyl butyl phthalate	ND	ND	ND	ND	ND	ND	0.1	mg/Kg
alpha-BHC	ND	ND	ND	ND	ND	ND	0.1	mg/Kg
beta-BHC	ND	ND	ND	ND	ND	ND	0.1	mg/Kg
delta-BHC	ND	ND	ND	ND	ND	ND	0.1	mg/Kg
gamma-BHC (Lindane)	ND	ND	ND	ND	ND	ND	0.1	mg/Kg
bis(2-Chloroethoxy)methane	ND	ND	ND	ND	ND	ND	0.1	mg/Kg
bis(2-Chloroethyl) ether	ND	ND	ND	ND	ND	ND	0.1	mg/Kg
bis(2-Chloroisopropyl)ether	ND	ND	ND	ND	ND	ND	0.1	mg/Kg
bis(2-Ethylhexyl)phthalate	ND	ND	ND	ND	ND	ND	0.2	mg/Kg
4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	0.1	mg/Kg
4-Chloroaniline	ND	ND	ND	ND	ND	ND	0.1	mg/Kg
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	0.1	mg/Kg
4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	0.1	mg/Kg
Chrysene	ND	ND	ND	ND	ND	ND	0.1	mg/Kg
4,4'-DDD	ND	ND	ND	ND	ND	ND	0.1	mg/Kg
4,4'-DDE	ND	ND	ND	ND	ND	ND	0.1	mg/Kg
4,4'-DDT	ND	ND	ND	ND	ND	ND	0.1	mg/Kg
Dibenzo[a,h]anthracene	ND	ND	ND	ND	ND	ND	0.1	mg/Kg
Dibenzofuran	ND	ND	ND	ND	ND	ND	0.1	mg/Kg
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	0.1	mg/Kg
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	0.1	mg/Kg
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	0.1	mg/Kg
3,3-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	0.2	mg/Kg

TABLE II
 Summary of Soil Analytical Results
 MW-2C
 76 Service Station No. 7376
 4191 1st St
 Pleasanton, CA

Contaminant	Sample Depth						Reporting Limit	Units
	20 fbg	25 fbg	30 fbg	35 fbg	40 fbg	45 fbg		
2-Nitroaniline	ND	ND	ND	ND	ND	ND	0.1	mg/Kg
3-Nitroaniline	ND	ND	ND	ND	ND	ND	0.2	mg/Kg
4-Nitroaniline	ND	ND	ND	ND	ND	ND	0.2	mg/Kg
Nitrobenzene	ND	ND	ND	ND	ND	ND	0.1	mg/Kg
N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	0.1	mg/Kg
N-Nitrosodi-N-propylamine	ND	ND	ND	ND	ND	ND	0.1	mg/Kg
N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	0.1	mg/Kg
Phenanthrene	ND	ND	ND	ND	ND	ND	0.1	mg/Kg
Pyrene	ND	ND	ND	ND	ND	ND	0.1	mg/Kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	0.1	mg/Kg
4-Chloro-3-methylphenol	ND	ND	ND	ND	ND	ND	0.2	mg/Kg
2-Chlorophenol	ND	ND	ND	ND	ND	ND	0.1	mg/Kg
2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	0.1	mg/Kg
2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	0.1	mg/Kg
4,6-Dinitro-2-methylphenol	ND	ND	ND	ND	ND	ND	0.5	mg/Kg
2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	0.5	mg/Kg
2-Methylphenol	ND	ND	ND	ND	ND	ND	0.1	mg/Kg
3- & 4-Methylphenol	ND	ND	ND	ND	ND	ND	0.2	mg/Kg
2-Nitrophenol	ND	ND	ND	ND	ND	ND	0.1	mg/Kg
4-Nitrophenol	ND	ND	ND	ND	ND	ND	0.2	mg/Kg
Pentachlorophenol	ND	ND	ND	ND	ND	ND	0.2	mg/Kg
Phenol	ND	ND	ND	ND	ND	ND	0.1	mg/Kg
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	0.2	mg/Kg
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	0.2	mg/Kg
TPH - Light Naptha	ND	ND	ND	ND	ND	ND	50	mg/Kg
TPH - Aviation Gas	ND	ND	ND	ND	ND	ND	50	mg/Kg

TABLE II
 Summary of Soil Analytical Results
 MW-2C
 76 Service Station No. 7376
 4191 1st St
 Pleasanton, CA

Contaminant	Sample Depth						Reporting Limit	Units
	20 fbg	25 fbg	30 fbg	35 fbg	40 fbg	45 fbg		
TPH - Stoddard Solvent	ND	ND	ND	ND	ND	ND	20	mg/Kg
TPH - Heavy Naptha	ND	ND	ND	ND	ND	ND	10	mg/Kg
TPH - Gasoline	ND	ND	ND	ND	ND	ND	20	mg/Kg
TPH - Jet Fuel (JP4)	ND	ND	ND	ND	ND	ND	10	mg/Kg
TPH - Jet Fuel (JP5)	ND	ND	ND	ND	ND	ND	10	mg/Kg
TPH - Jet Fuel (JP8)	ND	ND	ND	ND	ND	ND	10	mg/Kg
TPH - Kerosene	93	1800	ND	ND	ND	ND	10	mg/Kg
TPH - Diesel (FFP)	26	4500	1500	15000	53	1300	10	mg/Kg
TPH - Fuel Oil #6	ND	ND	ND	ND	ND	ND	10	mg/Kg
TPH - Crude Oil	ND	ND	ND	ND	ND	ND	20	mg/Kg
TPH - Hydraulic Oil / Motor Oil	30	4000	1100	11000	44	970	20	mg/Kg
TPH - WD-40	ND	ND	ND	ND	ND	ND	10	mg/Kg

Table Notes:

fbg = feet below grade
 mg/Kg = milligrams per kilograms

bold = concentration at or above reporting limit
 ND = non-detect (below reporting limit)

TABLE III
 Summary of Soil Analytical Results
 SB-1
 76 Service Station No. 7376
 4191 1st St
 Pleasanton, CA

Contaminant	Sample Depth									Reporting Limit	Units
	5fbg	10 fbg	15 fbg	20 fbg	25 fbg	30 fbg	35 fbg	40 fbg	45 fbg		
Benzene	ND	ND	ND	0.26	1.6	3.6	0.64	1.1	3.2	0.005	mg/kg
Ethylbenzene	ND	ND	0.021	3	23	8.4	1.9	4.3	5.6	0.005	mg/kg
Methyl t-butyl ether	ND	ND	0.05	ND	ND	ND	ND	ND	ND	0.005	mg/kg
Toluene	ND	ND	ND	ND	0.48	0.44	ND	0.12	0.83	0.005	mg/kg
Total Xylenes	ND	ND	0.05	4.1	100	9.6	1.6	2.7	21	0.01	mg/kg
t-Amyl Methyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005	mg/kg
t-Butyl alcohol	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.05	mg/kg
Diisopropyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005	mg/kg
Ethanol	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	mg/kg
Ethyl t-butyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005	mg/kg
TPH - Aviation Gas	ND	ND	ND	ND	ND	ND	ND	ND	ND	50	mg/kg
TPH - Jet Fuel (JP4)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	mg/kg
TPH - Jet Fuel (JP5)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	mg/kg
TPH - Jet Fuel (JP6)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	mg/kg
TPH - Jet Fuel (JP8)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	mg/kg
Gasoline Range Organics (C4 - C12)	ND	6.5	ND	1400	230	1100	310	400	570	1	mg/kg
TPH - Diesel (FFP)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	mg/kg
TPH - Fuel Oil #6	ND	96	ND	200	880	9700	1400	9800	2800	10	mg/kg

Table Notes:

fbg = feet below grade

mg/Kg = milligrams per kilograms

bold = concentration at or above reporting limit
 ND = non-detect (below reporting limit)

LEGEND

- Approximate property line
- - - - - Fence
- - - - - Approximate location of underground petroleum pipeline (KinderMorgan)
- - - - - Approximate location of fiber optic utility line
- █ Former railroad right-of-way
- MW-12 ⊕ Groundwater monitoring well
- MW-2 ∅ Abandoned well
- CP-1 ⊙ CPT boring (Delta, February 2008)
- B-8 ⊙ Soil Boring (Gettler-Ryan, 1998-1999)
- B-1 ⊙ Soil Boring (ENGE0, 1997)
- EB-1 ⊙ Soil Boring (KEI, 1995)

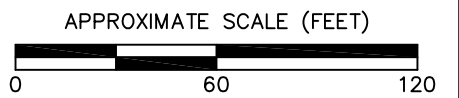
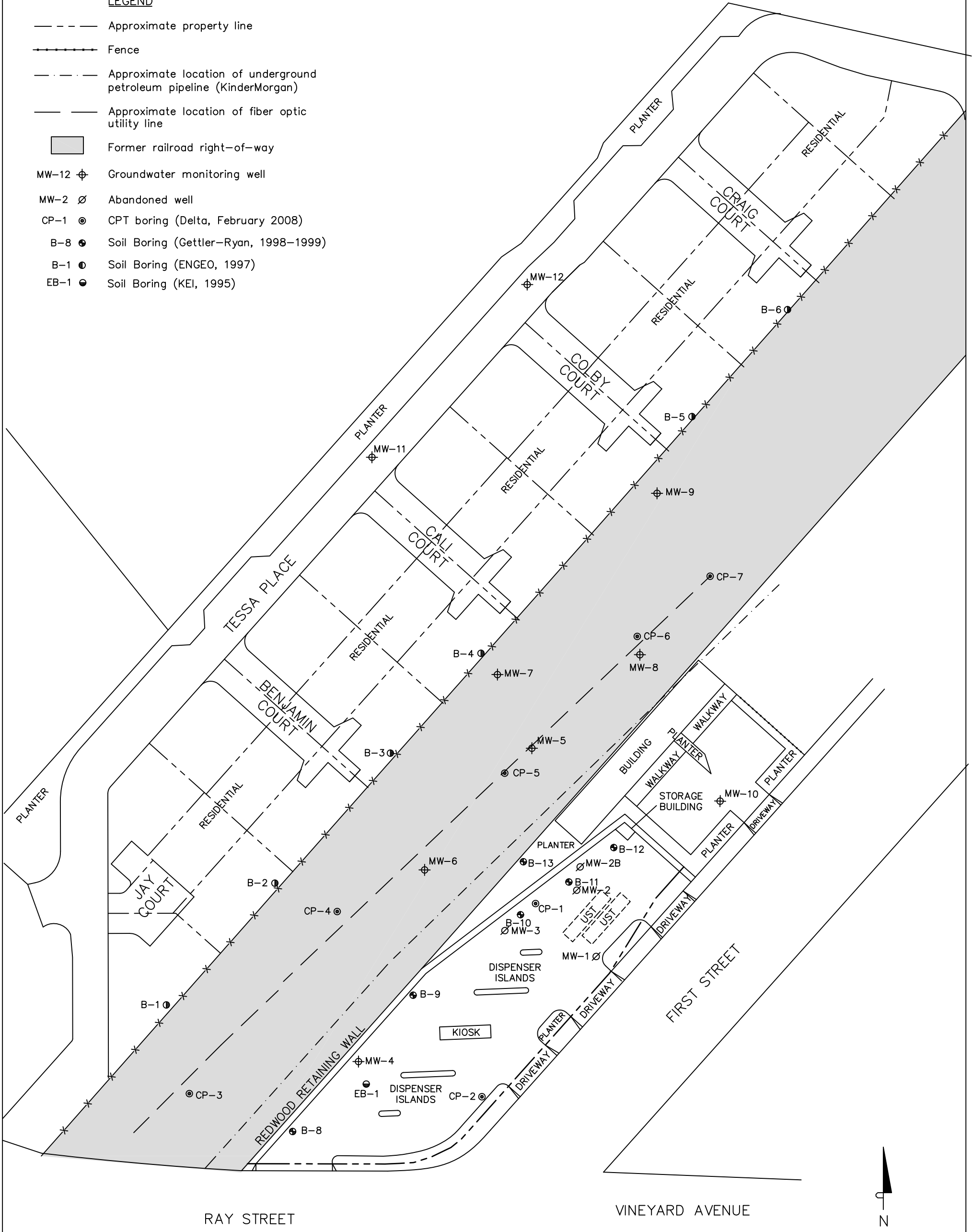


FIGURE 3
SITE PLAN WITH HISTORIC BORING LOCATIONS

76 SERVICE STATION #7376
4191 FIRST STREET
PLEASANTON, CALIFORNIA

PROJECT NO. C107376	PREPARED BY AB	DRAWN BY JH
DATE 06/30/09	REVIEWED BY JR	FILE NAME 76-7376



SOURCE: Site plan by TRC, 2008 and Gettler-Ryan, August 2000.

TABLE 1
SURFACE SOIL SAMPLE ANALYTICAL RESULTS
 Alameda County Transportation Corridor
 Pleasanton, California

Sample Location	Sample Depth (inches)	Date	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Total Chromium* (mg/kg)	Lead (mg/kg)	Mercury (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	2,4,5-T (mg/kg)	2,4,5-TP (Silvex) (mg/kg)	2,4-D (mg/kg)	2,4-DB (mg/kg)	Dichloroprop (mg/kg)	Dinoseb (mg/kg)
RR-1	6-8	11/5/2007	18	130	<1.0	28	79	0.1	<1.0	<2.0	NA	NA	NA	NA	NA	NA
LS-1	6-12	11/5/2007	9.5	170	<1.0	36	160	0.24	<1.0	<2.0	<0.020	<0.010	<0.040	<0.10	<0.10	<0.010
BG-1	6-12	11/5/2007	4.9	200	<1.0	32	190	0.1	<1.0	<2.0	<0.020	<0.010	<0.040	<0.10	<0.10	<0.010
RR-2	6-12	11/5/2007	32	120	<1.0	28	83	<0.10	<1.0	<2.0	NA	NA	NA	NA	NA	NA
LS-2	6-12	11/5/2007	62	95	<1.0	28	120	0.26	<1.0	<2.0	<0.020	<0.010	<0.040	<0.10	<0.10	<0.010
RR-3	6-12	11/5/2007	68	97	<1.0	26	130	0.14	<1.0	<2.0	NA	NA	NA	NA	NA	NA
LS-3	6-12	11/5/2007	2.6	110	<1.0	25	25	<0.10	<1.0	<2.0	<0.020	<0.010	<0.040	<0.10	<0.10	<0.010
BG-3	6-12	11/5/2007	3.2	120	<1.0	31	58	0.13	1.1	<2.0	<0.020	<0.010	<0.040	<0.10	<0.10	<0.010
RR-4	6-12	11/5/2007	18	110	<1.0	26	35	<0.10	<1.0	<2.0	NA	NA	NA	NA	NA	NA
LS-4	6-12	11/5/2007	3.9	130	<1.0	27	49	0.14	<1.0	<2.0	<0.020	<0.010	<0.040	<0.10	<0.10	<0.010
BG-4	6-12	11/5/2007	2.3	120	<1.0	25	39	<0.10	<1.0	<2.0	<0.020	<0.010	<0.040	<0.10	<0.10	<0.010
RR-5	6-12	11/5/2007	37	140	<1.0	30	70	<0.10	<1.0	<2.0	NA	NA	NA	NA	NA	NA
LS-5	6-12	11/5/2007	19	100	<1.0	30	47	<0.10	<1.0	<2.0	<0.020	<0.010	<0.040	<0.10	<0.10	<0.010
RR-6	1-3	11/5/2007	14	100	<1.0	26	30	<0.10	<1.0	<2.0	NA	NA	NA	NA	NA	NA
LS-6	6-12	11/5/2007	5.3	130	<1.0	36	25	<0.10	<1.0	<2.0	<0.020	<0.010	<0.040	<0.10	<0.10	<0.010
RR-7	6-12	11/5/2007	52	100	<1.0	30	74	<0.10	<1.0	<2.0	NA	NA	NA	NA	NA	NA
LS-7	6-12	11/5/2007	3.1	110	<1.0	33	12	<0.10	<1.0	<2.0	<0.020	<0.010	<0.040	<0.10	<0.10	<0.010
BG-7	6-12	11/5/2007	6	120	<1.0	36	18	<0.10	<1.0	<2.0	<0.020	<0.010	<0.040	<0.10	<0.10	<0.010
CHHSL (Residential)			0.07	5,200	1.7	17x6=102	150	18	380	380	550	NE	690	NE	NE	NE
CHHSL (Commerical/Ind)			0.24	63,000	7.5	37x6=222	3,500	180	4,800	4,800	6,100	NE	770	NE	NE	NE

mg/kg - milligrams per kilogram
 2,4,5-T - Trichlorophenoxyacetic acid
 2,4,5-TP (Silvex) -
 2,4-D - Dichlorophenoxyacetic acid
 2,4-DB -
 Dichloroprop -
 Dinoseb (DNBP) -
 ND - None Detected
 NA - Not Analyzed
 NE - Not Established

* Assume 1/6 of Total Chroma is Chromium VI CHHSL Reported for Chromium VI

TABLE 2
SUBSURFACE SOIL SAMPLE ANALYTICAL RESULTS - PID/FID RESULTS
 Alameda County Transportation Corridor
 Pleasanton, California

Sample Location	Sample Depth	Date	PID Reading (ppm)	FID Reading (ppm)	TPH-d (mg/kg)	TPH-g		TPH-j** (mg/kg)	Benzene (mg/kg)	Ethylbenzene (mg/kg)	Toluene (mg/kg)	Total Xylenes (mg/kg)	Hydrocarbon Oil & Grease	Tert-Butyl Alcohol (mg/kg)	MTBE (mg/kg)
						Aviation Fuel (mg/kg)	TPH-g (mg/kg)								
SB-1	10	11/6/2007	19.5	0	<4.0	<1.0	<1.0	<4.0	<0.0050	<0.0050	<0.0050	<0.0050	<20	<50	<5.0
	30	11/6/2007	21.5	0	<2.0	<1.0	<1.0	<2.0	<0.0050	<0.0050	<0.0050	<0.0050	<20	<50	<5.0
	60	11/6/2007	23.5	0	<4.0	<1.0	<1.0	<4.0	<0.0050	<0.0050	<0.0050	<0.0050	<20	<50	<5.0
SB-2	10	11/6/2007	24	0	<4.0	<1.0	<1.0	<4.0	<0.0050	<0.0050	<0.0050	<0.0050	<20	<50	<5.0
	30	11/6/2007	19.5	0	<2.0	<1.0	<1.0	<2.0	<0.0050	<0.0050	<0.0050	<0.0050	<20	<50	6.1
	40	11/6/2007	19	0	<2.0	<1.0	<1.0	<2.0	<0.0050	<0.0050	<0.0050	<0.0050	<20	<50	<5.0
	50	11/6/2007	24	16	<4.0	<1.0	<1.0	<4.0	<0.0050	<0.0050	<0.0050	<0.0050	<20	<50	<5.0
SB-3	10	11/6/2007	7	0	<4.0	<1.0	<1.0	<4.0	<0.0050	<0.0050	<0.0050	<0.0050	<20	<50	<5.0
	30	11/6/2007	7	6	<2.0	<1.0	<1.0	<2.0	<0.0050	<0.0050	<0.0050	<0.0050	<20	<50	<5.0
	50	11/6/2007	20	2	<2.0	<1.0	<1.0	<2.0	<0.0050	<0.0050	<0.0050	<0.0050	<20	<50	<5.0
SB-4	10	11/6/2007	7	0	<2.0	<1.0	<1.0	2.7	<0.0050	<0.0050	<0.0050	<0.0050	93	<50	<5.0
	30	11/6/2007	16	2	<2.0	<1.0	<1.0	<2.0	<0.0050	<0.0050	<0.0050	<0.0050	<20	<50	<5.0
	40	11/6/2007	17	1	<2.0	<1.0	<1.0	<2.0	<0.0050	<0.0050	<0.0050	<0.0050	<20	<50	<5.0
	50	11/6/2007	17	1	<4.0	<1.0	<1.0	<4.0	<0.0050	<0.0050	<0.0050	<0.0050	<20	<50	<5.0
SB-5	10	11/7/2007	2	0	<4.0	<1.0	<1.0	<4.0	<0.0050	<0.0050	<0.0050	<0.0050	<20	<50	<5.0
	20	11/7/2007	67	360	140	1.5	8.5	150	0.39	0.028	0.059	0.084	290	69	21
	30	11/7/2007	500	41,700	8,100	860	170	9,600	37	0.38	1.2	1.2	11,000	<310	260
	40	11/7/2007	400	5200	1300	8.9	28	1,400	0.69	0.5	0.11	0.46	2,400	69	52
	50	11/7/2007	300	3,500	1,700	9	52	1,800	2.4	1.2	0.55	1	3,400	130	81
	60	11/7/2007	95	360	<2.0	<1.0	<1.0	<2.0	<0.0050	<0.0050	<0.0050	<0.0050	<20	120	7.1
SB-6	10	11/7/2007	200	350	<2.0	<1.0	<1.0	2.1	<0.0050	<0.0050	<0.0050	<0.0050	<20	<50	<5.0
	20	11/7/2007	35	20	<2.0	<1.0	<1.0	<2.0	<0.0050	<0.0050	<0.0050	<0.0050	<20	<50	6.6
	30	11/7/2007	1,500	22,000	1,100	67	380	1,400	1.4	4.8	1.2	21	2,400	<2500	<250
SB-7	10	11/7/2007	22	0	82	<1.0	<1.0	73	<0.0050	<0.0050	<0.0050	<0.0050	<20	<50	<5.0
	20	11/7/2007	23	8	<2.0	<1.0	<1.0	2.1	<0.0050	<0.0050	<0.0050	<0.0050	<20	<50	<5.0
	30	11/7/2007	25	60	<2.0	<1.0	<1.0	<2.0	<0.0050	<0.0050	<0.0050	<0.0050	<20	<50	<5.0
	40	11/7/2007	300	2,300	58	3	4.7	66	0.21	0.015	0.057	<0.0050	250	<50	<5.0
	50	11/7/2007	11	20	<2.0	<1.0	<1.0	<2.0	<0.0050	<0.0050	<0.0050	<0.0050	<20	130	170

TABLE 2
SUBSURFACE SOIL SAMPLE ANALYTICAL RESULTS - PID/FID RESULTS
 Alameda County Transportation Corridor
 Pleasanton, California

Sample Location	Sample Depth	Date	PID Reading (ppm)	FID Reading (ppm)	TPH-d (mg/kg)	TPH-g Aviation Fuel (mg/kg)	TPH-g Jet Fuel (mg/kg)	Benzene (mg/kg)	Ethylbenzene (mg/kg)	Toluene (mg/kg)	Total Xylenes (mg/kg)	Hydrocarbon Oil & Grease	Tert-Butyl Alcohol (mg/kg)	MTBE (mg/kg)
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ppm - parts per million

mg/kg - milligrams per kilogram

PID - Photo Ionization Detector

FID - Flame Ionization Detector

TPH-d - Total Petroleum Hydrocarbons as diesel

TPH-g Total Petroleum Hydrocarbons - Aviation Fuel

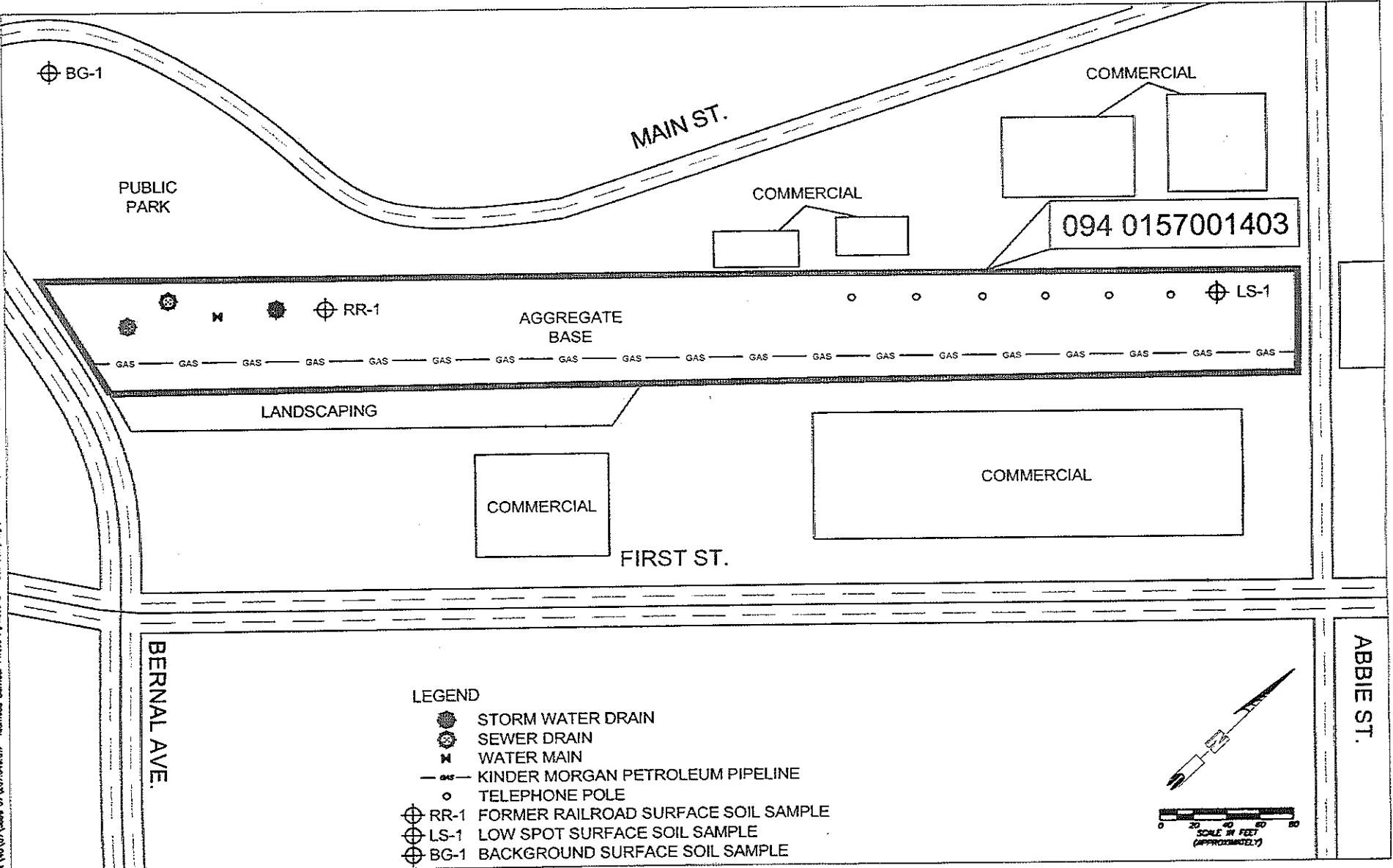
TPH-g - Total Petroleum Hydrocarbons as gasoline

TPH-g - Total Petroleum Hydrocarbons - Jet Fuel** (Hydrocarbons reported within diesel range)

MTBE - Methyl tert-butyl ether

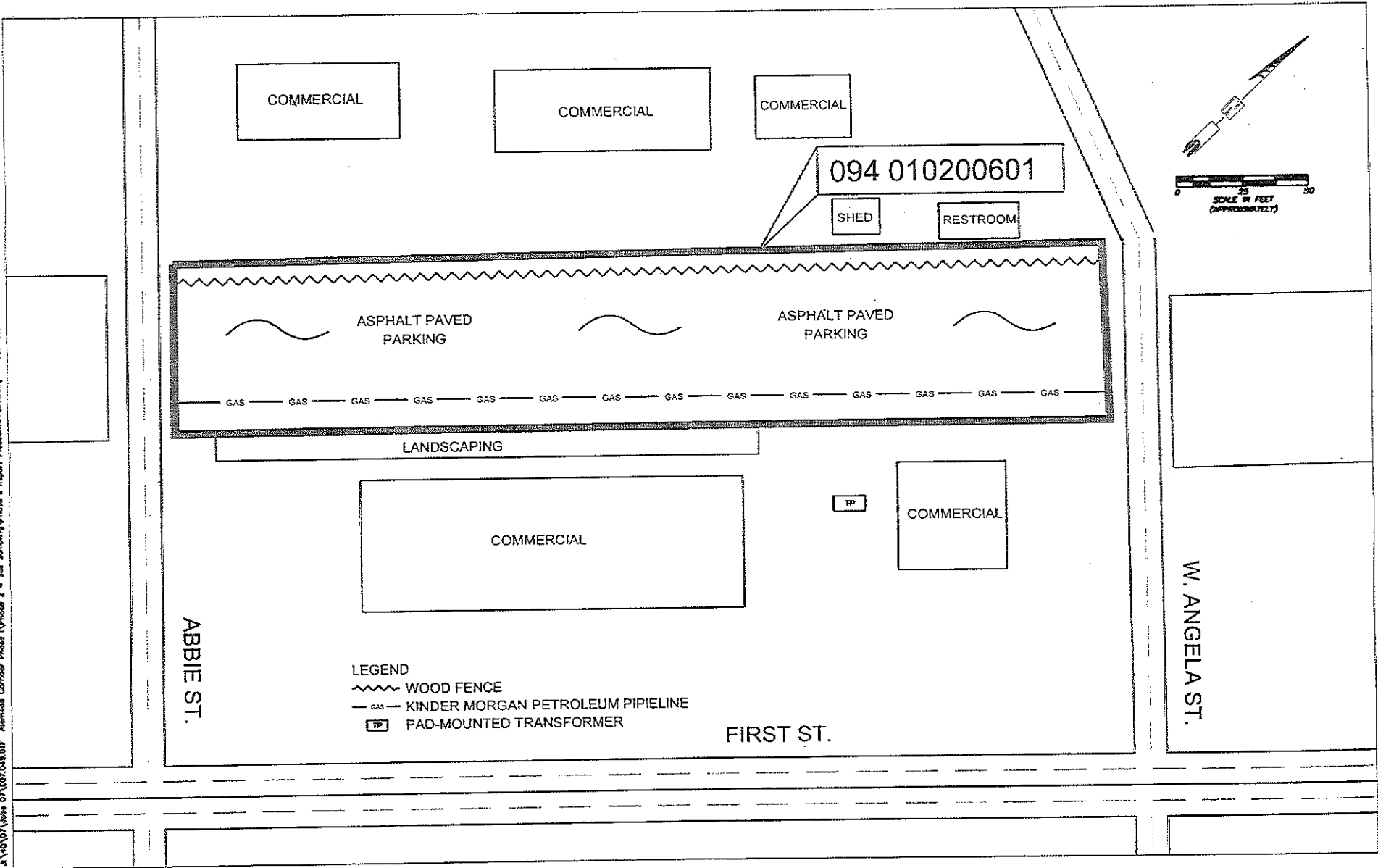
ND - None Detected

J:\V07\area 07\07.049.01F Alameda Corridor Phase II Report Presentation\fig2.dwg User: dcazar Printed: Jan 15, 2008 - 4:07pm East Sector 28, 2007 - 1:14pm



SITE PLAN
 Alameda County Transportation Corridor Phase II
 County of Alameda APN: 094 0157001403
 Pleasanton, California

J:\V07\Site 07\07.049.01F Alameda Corridor Phase II Report Preparation\Phase II Report Preparation\Site.dwg User: dwardr Date: Jan 15, 2008 Time: 4:07pm Plot Date: Nov 28, 2007 Time: 11:49am

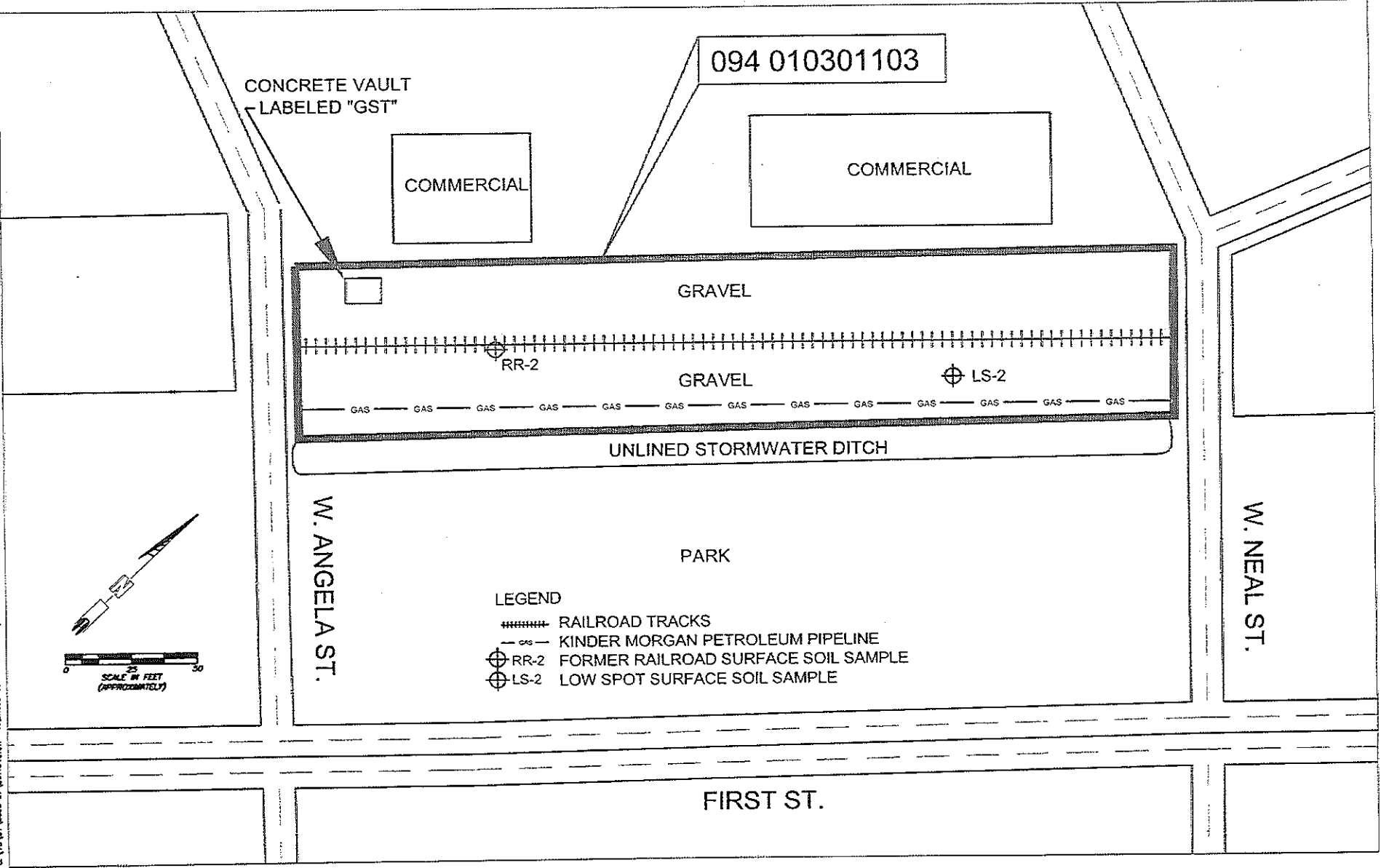


LEGEND
 ~~~~~ WOOD FENCE  
 — KM — KINDER MORGAN PETROLEUM PIPELINE  
 [PT] PAD-MOUNTED TRANSFORMER



**SITE PLAN**  
 Alameda County Transportation Corridor Phase II  
 County of Alameda APN: 094 010200601  
 Pleasanton, California

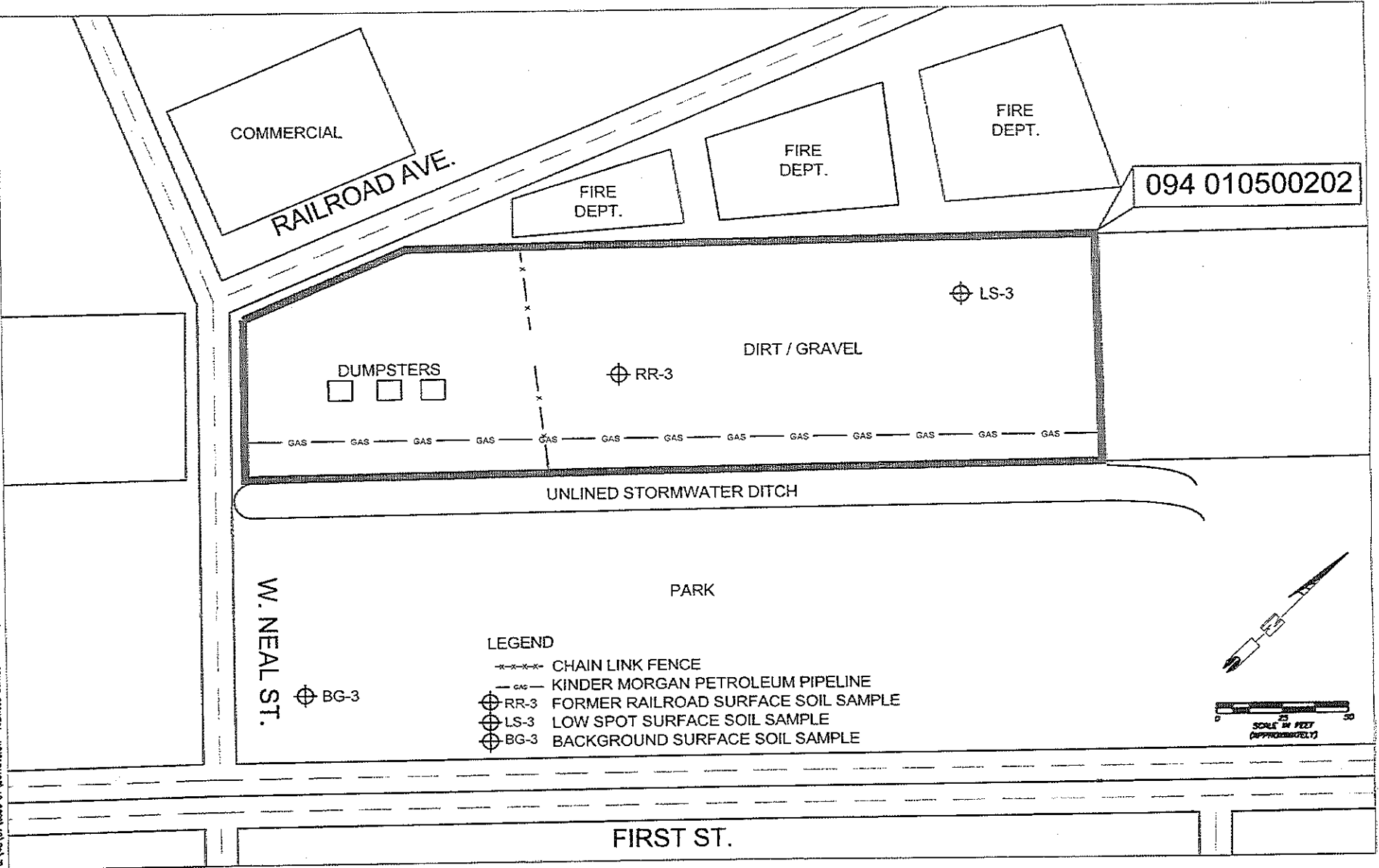
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**SITE PLAN**

Alameda County Transportation Corridor Phase II  
 County of Alameda APN: 094 010301103  
 Pleasanton, California

J:\07\07\Jobs\07\07\_049.01F Alameda Corridor Phase II Phase 2 - Soil Sampling\Phase 2 Report\Proposition\Site.dwg User: drcabrer Last Saved: Nov 28, 2007 - 11:16am Plot Date: Nov 15, 2008 - 4:06pm

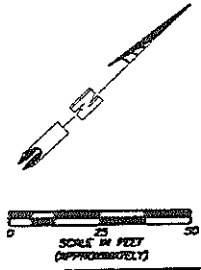


W. NEAL ST.

⊕ BG-3

LEGEND

- CHAIN LINK FENCE
- GAS - KINDER MORGAN PETROLEUM PIPELINE
- ⊕ RR-3 FORMER RAILROAD SURFACE SOIL SAMPLE
- ⊕ LS-3 LOW SPOT SURFACE SOIL SAMPLE
- ⊕ BG-3 BACKGROUND SURFACE SOIL SAMPLE

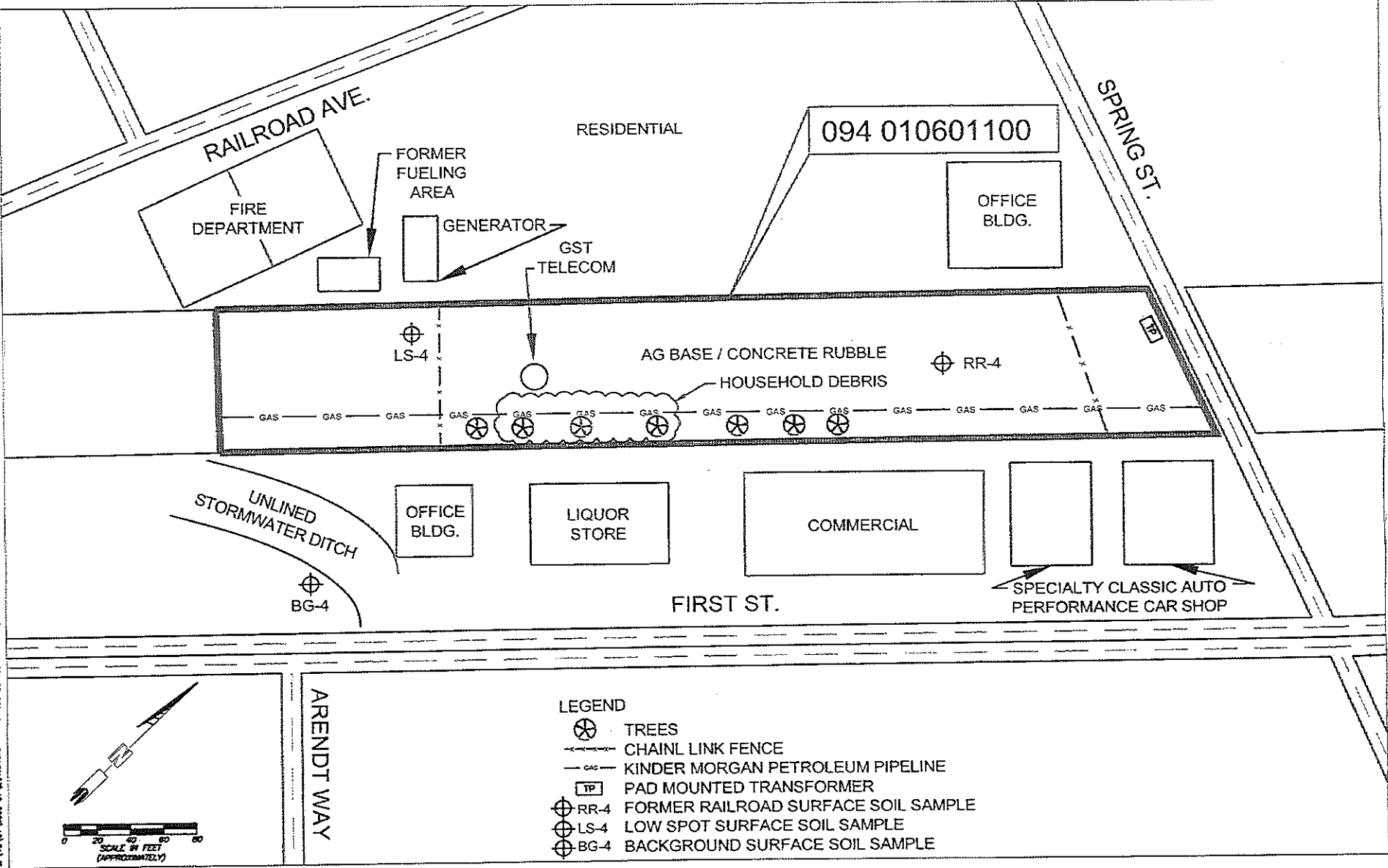


FIRST ST.



**SITE PLAN**  
 Alameda County Transportation Corridor Phase II  
 County of Alameda APN: 094 010500202  
 Pleasanton, California

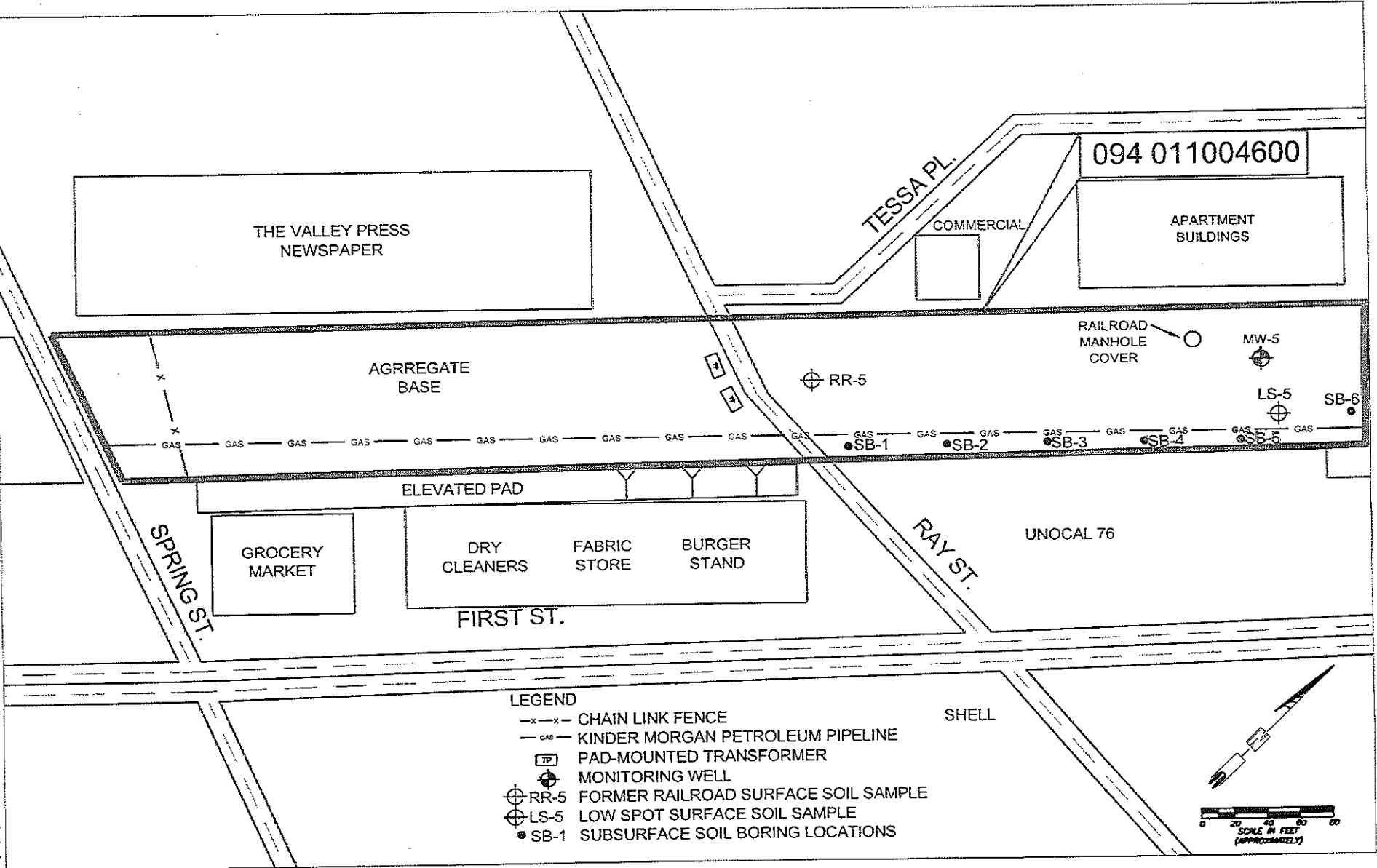
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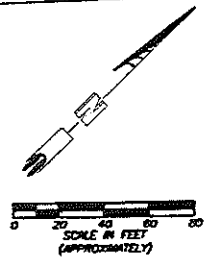
**SITE PLAN**

Alameda County Transportation Corridor Phase II  
 County of Alameda APN: 094 010601100  
 Pleasanton, California

J:\10\07\user 01\07\049.01F Alameda Corridor Phase II\Phase 2 - Soil Sampling\Phase II Report Presentation\figs.dwg User: daniel Posted: Jan 23, 2008 - 2:55pm Last Saved: Jan 15, 2008 - 4:09pm



- LEGEND**
- x-x- CHAIN LINK FENCE
  - GAS- KINDER MORGAN PETROLEUM PIPELINE
  - TP PAD-MOUNTED TRANSFORMER
  - ⊕ MONITORING WELL
  - ⊕ RR-5 FORMER RAILROAD SURFACE SOIL SAMPLE
  - ⊕ LS-5 LOW SPOT SURFACE SOIL SAMPLE
  - SB-1 SUBSURFACE SOIL BORING LOCATIONS



**BSK**

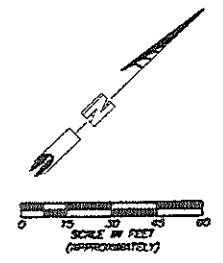
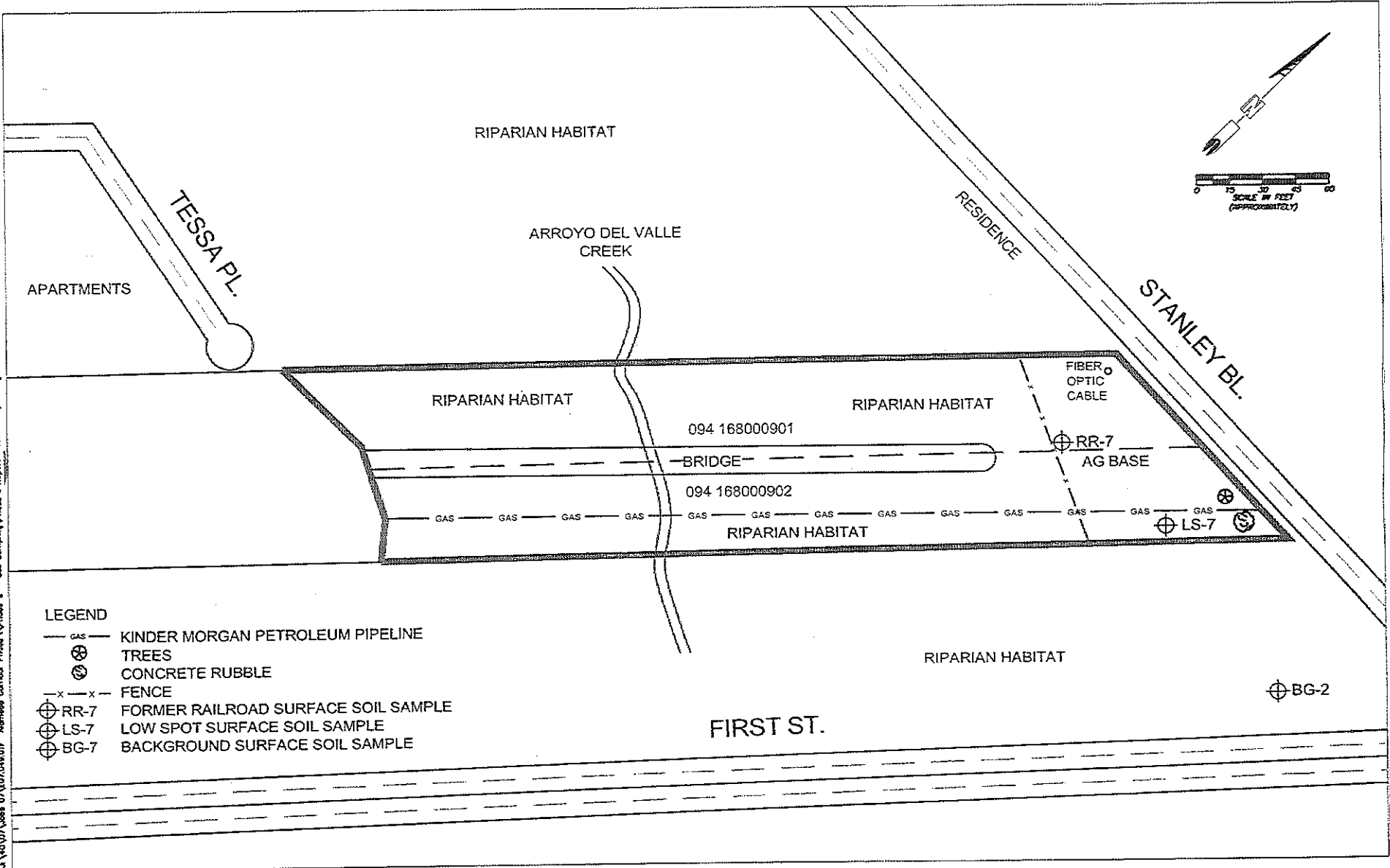
**SITE PLAN**

Alameda County Transportation Corridor Phase II  
 County of Alameda APN: 094 011004600  
 Pleasanton, California



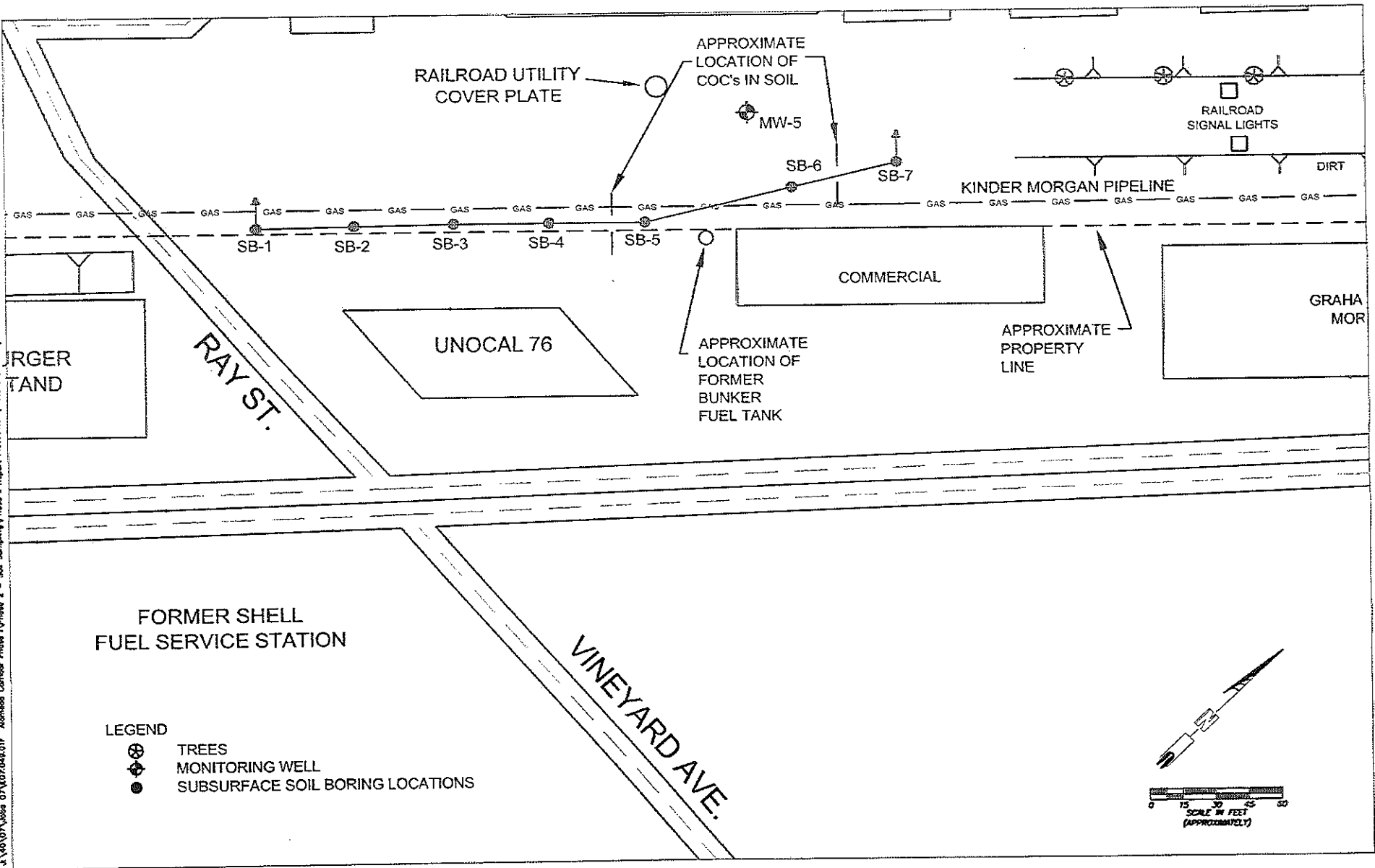


J:\4007\Less 07\070408.01F Alameda Corridor Phase II\Phase 2 - Sub Sampling\Phase 2 - Riparian\Proposition\Site.dwg  
 User: dcaulder Plot: Tue Jun 23, 2009 - 2:43pm  
 Last Screen: Jun 15, 2009 - 4:00pm



**SITE PLAN**  
 Alameda County Transportation Corridor Phase II  
 County of Alameda APN: 946 168000901 & 946 168000902  
 Pleasanton, California

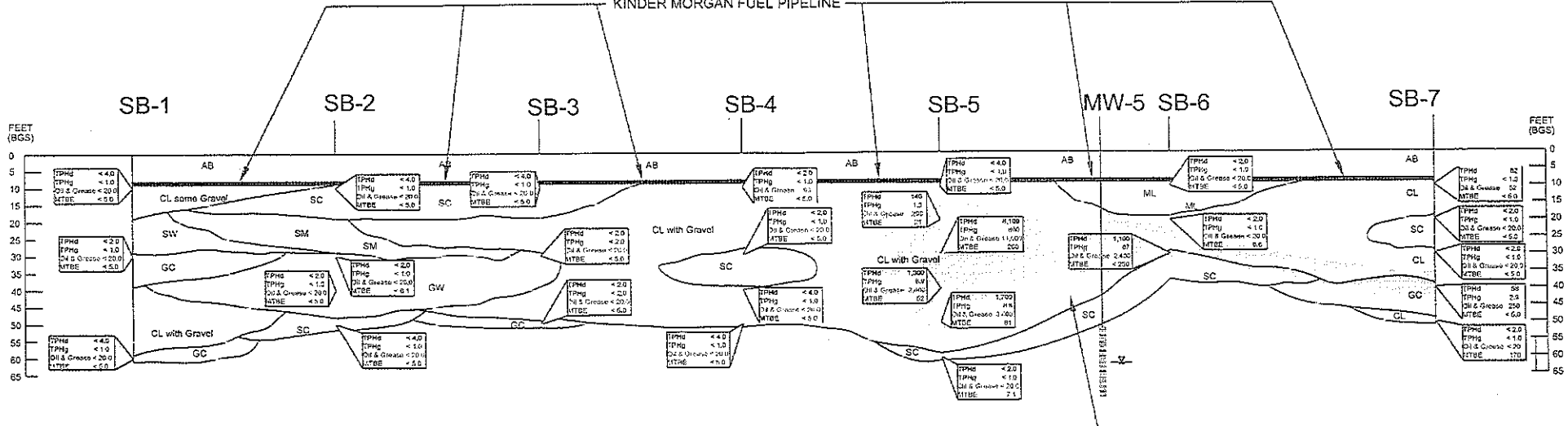
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**SITE PLAN**  
 Alameda County Transportation Corridor Phase II  
 County of Alameda APN: 946 168000901 & 946 168000902  
 Pleasanton, California

4:10:07\Jobs\_01\01\018\_01F Alameda Corridor Phase II\Phase 2 - 508 Sampling\Phase 1 Report Presentation\Cross section.dwg User: dswanier Plot Date: 01/16/2008 5:03:30pm Last Save: 01/16/2008 5:03:30pm

APPROXIMATE LOCATION OF KINDER MORGAN FUEL PIPELINE



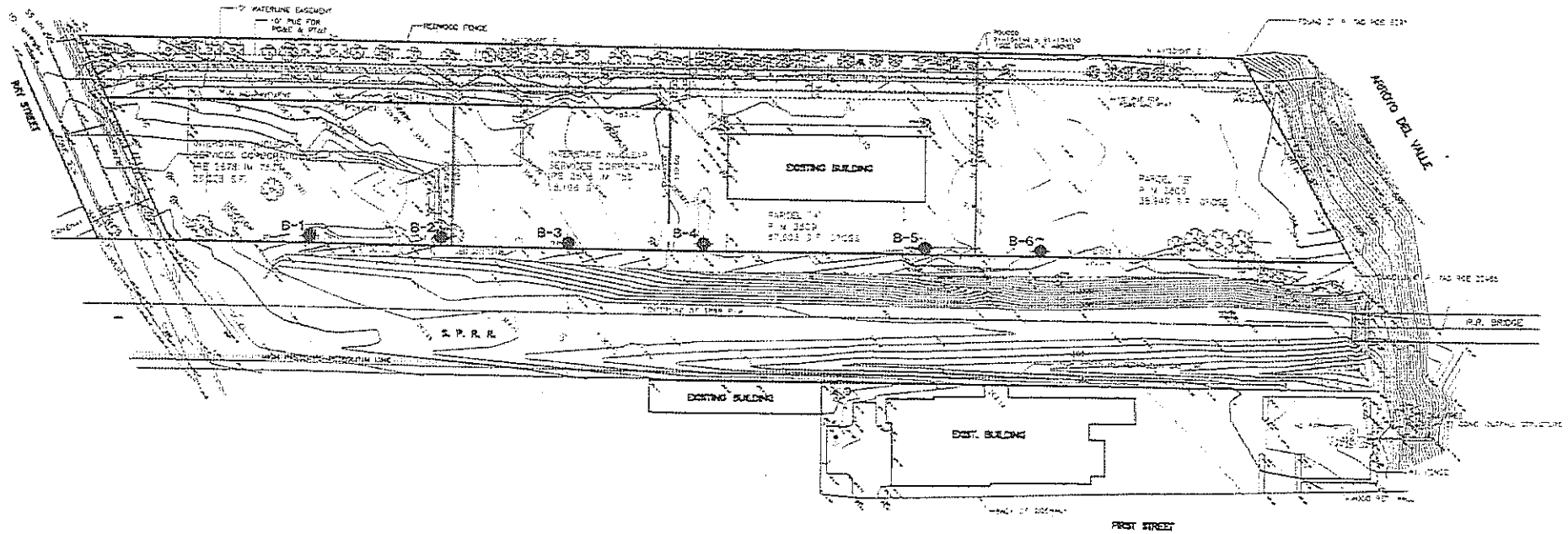
|              |       |
|--------------|-------|
| TPHd         | mg/kg |
| TPHg         | mg/kg |
| Oil & Grease | mg/kg |
| MTBE         | ug/kg |

DEPTHS BELOW GROUND SURFACE ARE APPROXIMATE.  
 GROUND SURFACE ELEVATION DATA WAS NOT COLLECTED.



**CROSS SECTION**  
 Alameda County Transportation Corridor Phase II  
 County of Alameda APN: 946 168000901 & 946 168000902  
 Pleasanton, California

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**EXPLANATION**

B-6 APPROXIMATE LOCATION OF SOIL BORING



BASE: AL PASCUAL & ASSOCIATES, DATED 11/96

**ENGEO**  
INCORPORATED

**SITE PLAN**  
RAY STREET PROPERTY  
PLEASANTON, CALIFORNIA

|                        |            |
|------------------------|------------|
| PROJECT NO. 4391-F3    | FIGURE NO. |
| DATE: OCTOBER 1997     | <b>2</b>   |
| DRAWN BY:  CHECKED BY: |            |

RAY STREET PROPERTY  
SOIL/GROUND-WATER SAMPLE  
LABORATORY ANALYSIS SUMMARY  
(Concentrations reported in parts per million)

| SAMPLE | DEPTH (ft)      | TPH -G | BENZ   | TOL    | E.BENZ | XYL    | MIBK  |
|--------|-----------------|--------|--------|--------|--------|--------|-------|
| 1-1    | 5½              | <1.0   | <.005  | <.005  | <.005  | <.005  | ---   |
| 1-2    | 15              | <1.0   | <.005  | <.005  | <.005  | <.005  | ---   |
| 1-3    | 25½             | <1.0   | <.005  | <.005  | <.005  | <.005  | ---   |
| 1-4    | 35½             | <1.0   | <.005  | <.005  | <.005  | <.005  | ---   |
| 2-1    | 5½              | <1.0   | <.005  | <.005  | <.005  | <.005  | ---   |
| 2-2    | 15½             | <1.0   | <.005  | <.005  | <.005  | <.005  | ---   |
| 2-3    | 25½             | <1.0   | <.005  | <.005  | <.005  | <.005  | ---   |
| 2-4    | 35½             | <1.0   | <.005  | <.005  | <.005  | <.005  | ---   |
| 3-1    | 5½              | <1.0   | <.005  | <.005  | <.005  | <.005  | ---   |
| 3-2    | 15½             | <1.0   | <.005  | <.005  | <.005  | <.005  | ---   |
| 3-3    | 25½             | <1.0   | <.005  | <.005  | <.005  | <.005  | ---   |
| 3-4    | 35½             | <1.0   | <.005  | <.005  | <.005  | <.005  | ---   |
| 4-1    | 5½              | <1.0   | <.005  | <.005  | <.005  | <.005  | ---   |
| 4-2    | 15½             | <1.0   | <.005  | <.005  | <.005  | <.005  | ---   |
| 4-3    | 25½             | <1.0   | <.005  | <.005  | <.005  | <.005  | ---   |
| 4-4    | 36              | <1.0   | <.005  | <.005  | <.005  | <.005  | ---   |
| 4-6    | 50½             | <1.0   | <.005  | <.005  | <.005  | <.005  | ---   |
| 4-7    | 58½             | <1.0   | <.005  | <.005  | <.005  | <.005  | ---   |
| 4-8    | 66½             | <1.0   | <.005  | <.005  | <.005  | <.005  | ---   |
| 5-1    | 7               | <1.0   | <.005  | <.005  | <.005  | <.005  | ---   |
| 5-2    | 15½             | <1.0   | <.005  | <.005  | <.005  | <.005  | ---   |
| 5-3    | 25½             | <1.0   | <.005  | <.005  | <.005  | <.005  | ---   |
| 5-4    | 35½             | <1.0   | <.005  | <.005  | <.005  | <.005  | ---   |
| 5-5    | 40              | <1.0   | <.005  | <.005  | <.005  | <.005  | ---   |
| 6-1    | 5½              | <1.0   | <.005  | <.005  | <.005  | <.005  | ---   |
| 6-2    | 15½             | <1.0   | <.005  | <.005  | <.005  | <.005  | ---   |
| 6-3    | 25½             | <1.0   | <.005  | <.005  | <.005  | <.005  | ---   |
| 6-5    | 36              | <1.0   | <.005  | <.005  | <.005  | <.005  | ---   |
| 6-6    | 40              | <1.0   | <.005  | <.005  | <.005  | <.005  | ---   |
| W-4    | B4 Water Sample | .630   | .023   | .0015  | .0009  | .0008  | .498  |
| W-5    | B5 Water Sample | <.050  | <.0005 | <.0005 | <.0005 | <.0005 | .007  |
| W-6    | B6 Water Sample | .120   | <.0005 | <.0005 | <.0005 | .0011  | <.005 |

2 75'  
2 35'  
2 35'

11/97

**ATTACHMENT D**  
Historic Groundwater Data

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2009**  
**76 Station 7376**

| Date Sampled                                | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G 8015 (Luft) (µg/l) | TPH-G (GC/MS) (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE (8021B) (µg/l) | MTBE (8260B) (µg/l) | Comments |
|---------------------------------------------|----------------------|-----------------------|----------------------|-------------------------------|----------------------------|--------------------------|----------------------|----------------|----------------|----------------------|----------------------|---------------------|---------------------|----------|
| <b>MW-1</b>                                 |                      |                       |                      |                               |                            |                          |                      |                |                |                      |                      |                     |                     |          |
| <b>(Screen Interval in feet: 65.0-95.0)</b> |                      |                       |                      |                               |                            |                          |                      |                |                |                      |                      |                     |                     |          |
| 12/08/87                                    | --                   | --                    | --                   | --                            | --                         | 50                       | --                   | 58             | 8.0            | ND                   | 10                   | --                  | --                  |          |
| 12/07/94                                    | 366.99               | 81.04                 | 0.00                 | 285.95                        | --                         | ND                       | --                   | ND             | ND             | ND                   | ND                   | --                  | --                  |          |
| 03/01/95                                    | 366.99               | 80.09                 | 0.00                 | 286.90                        | 0.95                       | ND                       | --                   | ND             | 1.1            | ND                   | 1.3                  | --                  | --                  |          |
| 06/01/95                                    | 366.99               | 77.53                 | 0.00                 | 289.46                        | 2.56                       | 130                      | --                   | 1.0            | 2.9            | 0.79                 | 4.5                  | --                  | --                  |          |
| 09/06/95                                    | 366.99               | 79.00                 | 0.00                 | 287.99                        | -1.47                      | ND                       | --                   | ND             | ND             | ND                   | ND                   | --                  | --                  |          |
| 12/12/95                                    | 366.99               | 77.55                 | 0.00                 | 289.44                        | 1.45                       | ND                       | --                   | ND             | ND             | ND                   | ND                   | --                  | --                  |          |
| 03/01/96                                    | 366.99               | 75.09                 | 0.00                 | 291.90                        | 2.46                       | ND                       | --                   | ND             | ND             | ND                   | ND                   | 370                 | --                  |          |
| 06/15/96                                    | 366.99               | 75.07                 | 0.00                 | 291.92                        | 0.02                       | ND                       | --                   | ND             | ND             | ND                   | ND                   | 270                 | --                  |          |
| 09/18/96                                    | 366.99               | 79.90                 | 0.00                 | 287.09                        | -4.83                      | ND                       | --                   | ND             | ND             | ND                   | ND                   | 590                 | --                  |          |
| 12/21/96                                    | 366.99               | 78.96                 | 0.00                 | 288.03                        | 0.94                       | ND                       | --                   | ND             | ND             | ND                   | ND                   | 150                 | --                  |          |
| 03/07/97                                    | 366.99               | 71.49                 | 0.00                 | 295.50                        | 7.47                       | ND                       | --                   | ND             | ND             | ND                   | ND                   | 220                 | --                  |          |
| 06/27/97                                    | 366.99               | 80.05                 | 0.00                 | 286.94                        | -8.56                      | ND                       | --                   | ND             | ND             | ND                   | ND                   | 17                  | --                  |          |
| 09/29/97                                    | 366.99               | 80.04                 | 0.00                 | 286.95                        | 0.01                       | ND                       | --                   | ND             | ND             | ND                   | ND                   | 24                  | --                  |          |
| 12/15/97                                    | 366.99               | 80.07                 | 0.00                 | 286.92                        | -0.03                      | ND                       | --                   | ND             | ND             | ND                   | ND                   | 25                  | --                  |          |
| 03/16/98                                    | 366.99               | 71.00                 | 0.00                 | 295.99                        | 9.07                       | ND                       | --                   | ND             | 0.52           | ND                   | 0.71                 | 190                 | --                  |          |
| 06/26/98                                    | 366.98               | 79.29                 | 0.00                 | 287.69                        | -8.30                      | 59                       | --                   | 0.90           | ND             | ND                   | ND                   | 570                 | --                  |          |
| 08/18/98                                    | 366.98               | 79.93                 | 0.00                 | 287.05                        | -0.64                      | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  |          |
| 09/22/98                                    | 366.98               | 79.99                 | 0.00                 | 286.99                        | -0.06                      | ND                       | --                   | ND             | ND             | ND                   | ND                   | 170                 | --                  |          |
| 12/15/98                                    | 366.98               | 80.02                 | 0.00                 | 286.96                        | -0.03                      | ND                       | --                   | ND             | ND             | ND                   | ND                   | 63                  | --                  |          |
| 12/23/98                                    | 366.98               | 80.02                 | 0.00                 | 286.96                        | 0.00                       | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  |          |
| 03/15/99                                    | 366.98               | 78.95                 | 0.00                 | 288.03                        | 1.07                       | ND                       | --                   | ND             | ND             | ND                   | ND                   | 520                 | --                  |          |
| 03/23/99                                    | 366.98               | 78.69                 | 0.00                 | 288.29                        | 0.26                       | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  |          |



**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2009**  
**76 Station 7376**

| Date Sampled          | TOC Elevation<br>(feet) | Depth to Water<br>(feet) | LPH Thickness<br>(feet) | Ground-water Elevation<br>(feet) | Change in Elevation<br>(feet) | TPH-G 8015<br>(Luft)<br>(µg/l) | TPH-G<br>(GC/MS)<br>(µg/l) | Benzene<br>(µg/l) | Toluene<br>(µg/l) | Ethyl-benzene<br>(µg/l) | Total Xylenes<br>(µg/l) | MTBE (8021B)<br>(µg/l) | MTBE (8260B)<br>(µg/l) | Comments |
|-----------------------|-------------------------|--------------------------|-------------------------|----------------------------------|-------------------------------|--------------------------------|----------------------------|-------------------|-------------------|-------------------------|-------------------------|------------------------|------------------------|----------|
| <b>MW-1 continued</b> |                         |                          |                         |                                  |                               |                                |                            |                   |                   |                         |                         |                        |                        |          |
| 06/07/99              | 366.98                  | 79.82                    | 0.00                    | 287.16                           | -1.13                         | ND                             | --                         | ND                | ND                | ND                      | ND                      | 310                    | --                     |          |
| 09/03/99              | 366.98                  | 79.74                    | 0.00                    | 287.24                           | 0.08                          | ND                             | --                         | ND                | ND                | ND                      | ND                      | 67                     | 55.2                   |          |
| 12/06/99              | 366.98                  | 79.74                    | 0.00                    | 287.24                           | 0.00                          | ND                             | --                         | ND                | ND                | ND                      | ND                      | 120                    | --                     |          |
| 03/10/00              | 366.98                  | 79.66                    | 0.00                    | 287.32                           | 0.08                          | ND                             | --                         | ND                | ND                | ND                      | ND                      | 100                    | --                     |          |
| 06/08/00              | 366.98                  | 79.57                    | 0.00                    | 287.41                           | 0.09                          | ND                             | --                         | ND                | ND                | ND                      | ND                      | 98.9                   | --                     |          |
| 09/25/00              | 366.98                  | 79.48                    | 0.00                    | 287.50                           | 0.09                          | ND                             | --                         | ND                | ND                | ND                      | ND                      | 145                    | --                     |          |
| 12/19/00              | 366.98                  | 79.64                    | 0.00                    | 287.34                           | -0.16                         | ND                             | --                         | ND                | ND                | ND                      | ND                      | 330                    | --                     |          |
| 03/05/01              | 366.98                  | 80.03                    | 0.00                    | 286.95                           | -0.39                         | ND                             | --                         | ND                | ND                | ND                      | ND                      | 711                    | --                     |          |
| 06/14/01              | 366.98                  | 79.52                    | 0.00                    | 287.46                           | 0.51                          | ND                             | --                         | ND                | ND                | ND                      | ND                      | 680                    | --                     |          |
| 09/17/01              | 366.98                  | 79.76                    | 0.00                    | 287.22                           | -0.24                         | ND<50                          | --                         | ND<0.50           | ND<0.50           | ND<0.50                 | ND<0.50                 | 11                     | --                     |          |
| 09/25/01              | 366.98                  | 79.71                    | 0.00                    | 287.27                           | 0.05                          | --                             | --                         | --                | --                | --                      | --                      | --                     | --                     |          |
| 12/17/01              | 366.98                  | 80.73                    | 0.00                    | 286.25                           | -1.02                         | ND<50                          | --                         | ND<0.50           | ND<0.50           | ND<0.50                 | ND<0.50                 | 210                    | 240                    |          |
| 03/15/02              | 366.98                  | 79.51                    | 0.00                    | 287.47                           | 1.22                          | ND<500                         | --                         | ND<5.0            | ND<5.0            | ND<5.0                  | ND<5.0                  | 1200                   | --                     |          |
| 06/20/02              | 366.98                  | 79.60                    | 0.00                    | 287.38                           | -0.09                         | --                             | 580                        | ND<5.0            | ND<5.0            | ND<5.0                  | ND<10                   | --                     | 810                    |          |
| 09/27/02              | 366.98                  | 80.76                    | 0.00                    | 286.22                           | -1.16                         | --                             | 67                         | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | 71                     |          |
| 12/30/02              | 366.98                  | 81.28                    | 0.00                    | 285.70                           | -0.52                         | --                             | ND<200                     | ND<2.0            | ND<2.0            | ND<2.0                  | ND<4.0                  | --                     | 360                    |          |
| 03/26/03              | 366.98                  | 79.48                    | 0.00                    | 287.50                           | 1.80                          | --                             | 1300                       | ND<10             | ND<10             | ND<10                   | ND<20                   | --                     | 2000                   |          |
| 06/10/03              | 366.98                  | 80.29                    | 0.00                    | 286.69                           | -0.81                         | --                             | ND<2000                    | ND<20             | ND<20             | ND<20                   | ND<40                   | --                     | 2800                   |          |
| 09/09/03              | 366.98                  | 84.54                    | 0.00                    | 282.44                           | -4.25                         | --                             | 1000                       | ND<10             | ND<10             | ND<10                   | ND<20                   | --                     | 1900                   |          |
| 12/10/03              | 366.98                  | 80.01                    | 0.00                    | 286.97                           | 4.53                          | --                             | ND<2000                    | ND<20             | ND<20             | ND<20                   | ND<40                   | --                     | 2700                   |          |
| 03/09/04              | 366.98                  | 79.48                    | 0.00                    | 287.50                           | 0.53                          | --                             | 540                        | ND<5.0            | ND<5.0            | ND<5.0                  | ND<10                   | --                     | 840                    |          |
| 06/21/04              | 366.98                  | 79.49                    | 0.00                    | 287.49                           | -0.01                         | --                             | 650                        | ND<5.0            | ND<5.0            | ND<5.0                  | ND<10                   | --                     | 620                    |          |
| 09/08/04              | 366.98                  | 79.43                    | 0.00                    | 287.55                           | 0.06                          | --                             | 93                         | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | 120                    |          |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2009**  
**76 Station 7376**

| Date Sampled                                      | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G 8015 (Luft) (µg/l) | TPH-G (GC/MS) (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethylbenzene (µg/l) | Total Xylenes (µg/l) | MTBE (8021B) (µg/l) | MTBE (8260B) (µg/l) | Comments  |
|---------------------------------------------------|----------------------|-----------------------|----------------------|-------------------------------|----------------------------|--------------------------|----------------------|----------------|----------------|---------------------|----------------------|---------------------|---------------------|-----------|
| <b>MW-1 continued</b>                             |                      |                       |                      |                               |                            |                          |                      |                |                |                     |                      |                     |                     |           |
| 12/14/04                                          | 366.98               | 79.45                 | 0.00                 | 287.53                        | -0.02                      | --                       | ND<50                | ND<0.50        | ND<0.50        | ND<0.50             | ND<1.0               | --                  | 150                 |           |
| 03/17/05                                          | 366.98               | 79.36                 | 0.00                 | 287.62                        | 0.09                       | --                       | ND<500               | ND<0.50        | ND<0.50        | ND<0.50             | ND<10                | --                  | 830                 |           |
| 06/15/05                                          | 366.98               | 78.21                 | 0.00                 | 288.77                        | 1.15                       | --                       | ND<1300              | ND<0.50        | ND<0.50        | ND<0.50             | ND<1.0               | --                  | 2800                |           |
| 09/20/05                                          | 366.98               | 79.18                 | 0.00                 | 287.80                        | -0.97                      | --                       | 540                  | ND<0.50        | ND<0.50        | ND<0.50             | ND<1.0               | --                  | 1400                |           |
| 12/29/05                                          | 366.98               | 70.69                 | 0.00                 | 296.29                        | 8.49                       | --                       | 460                  | ND<0.50        | ND<0.50        | ND<0.50             | ND<1.0               | --                  | 1400                |           |
| 03/15/06                                          | 366.98               | 65.59                 | 0.00                 | 301.39                        | 5.10                       | --                       | 540                  | ND<0.50        | ND<0.50        | ND<0.50             | ND<1.0               | --                  | 2500                |           |
| 06/28/06                                          | 366.98               | 66.15                 | 0.00                 | 300.83                        | -0.56                      | --                       | 630                  | ND<0.50        | ND<0.50        | ND<0.50             | ND<1.0               | --                  | 3900                |           |
| 09/28/06                                          | 366.98               | 70.13                 | 0.00                 | 296.85                        | -3.98                      | --                       | 730                  | 3.1            | ND<2.5         | ND<2.5              | ND<2.5               | --                  | 2100                |           |
| 12/11/06                                          | 366.98               | 63.29                 | 0.00                 | 303.69                        | 6.84                       | --                       | 180                  | ND<0.50        | ND<0.50        | ND<0.50             | ND<0.50              | --                  | 1400                |           |
| 03/19/07                                          | 366.98               | 57.52                 | 0.00                 | 309.46                        | 5.77                       | --                       | 740                  | ND<2.5         | ND<2.5         | ND<2.5              | ND<2.5               | --                  | 990                 |           |
| 06/15/07                                          | 366.98               | 66.79                 | 0.00                 | 300.19                        | -9.27                      | --                       | 1400                 | ND<5.0         | ND<5.0         | ND<5.0              | ND<5.0               | --                  | 1900                |           |
| 09/24/07                                          | 366.98               | 69.64                 | 0.00                 | 297.34                        | -2.85                      | --                       | 1100                 | ND<10          | ND<10          | ND<10               | ND<10                | --                  | 900                 |           |
| 12/27/07                                          | 366.98               | 60.34                 | 0.00                 | 306.64                        | 9.30                       | --                       | 240                  | ND<0.50        | 0.63           | ND<0.50             | ND<1.0               | --                  | 560                 |           |
| 03/25/08                                          | 366.98               | 60.85                 | 0.00                 | 306.13                        | -0.51                      | --                       | 620                  | ND<5.0         | ND<5.0         | ND<5.0              | ND<10                | --                  | 910                 |           |
| 06/06/08                                          | 366.98               | 61.10                 | 0.00                 | 305.88                        | -0.25                      | --                       | 830                  | ND<5.0         | ND<5.0         | ND<5.0              | ND<10                | --                  | 1000                |           |
| 09/05/08                                          | 366.98               | 73.10                 | 0.00                 | 293.88                        | -12.00                     | --                       | 200                  | ND<0.50        | ND<0.50        | ND<0.50             | ND<1.0               | --                  | 590                 |           |
| 12/08/08                                          | 366.98               | 71.60                 | 0.00                 | 295.38                        | 1.50                       | --                       | 180                  | ND<0.50        | ND<0.50        | ND<0.50             | ND<1.0               | --                  | 300                 |           |
| 03/26/09                                          | 366.98               | 64.10                 | 0.00                 | 302.88                        | 7.50                       | --                       | 180                  | ND<0.50        | ND<0.50        | ND<0.50             | ND<1.0               | --                  | 330                 |           |
| <b>MW-2 (Screen Interval in feet: --)</b>         |                      |                       |                      |                               |                            |                          |                      |                |                |                     |                      |                     |                     |           |
| 12/08/87                                          | --                   | --                    | --                   | --                            | --                         | 1800                     | --                   | 910            | 800            | 260                 | 1200                 | --                  | --                  | Damaged   |
| 12/07/94                                          | --                   | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                  | --                   | --                  | --                  |           |
| 03/01/95                                          | --                   | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                  | --                   | --                  | --                  | Destroyed |
| <b>MW-2B (Screen Interval in feet: 65.0-85.0)</b> |                      |                       |                      |                               |                            |                          |                      |                |                |                     |                      |                     |                     |           |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2009**  
**76 Station 7376**

| Date Sampled           | TOC Elevation<br>(feet) | Depth to Water<br>(feet) | LPH Thickness<br>(feet) | Ground-water Elevation<br>(feet) | Change in Elevation<br>(feet) | TPH-G 8015<br>(Luft)<br>(µg/l) | TPH-G<br>(GC/MS)<br>(µg/l) | Benzene<br>(µg/l) | Toluene<br>(µg/l) | Ethyl-benzene<br>(µg/l) | Total Xylenes<br>(µg/l) | MTBE (8021B)<br>(µg/l) | MTBE (8260B)<br>(µg/l) | Comments |
|------------------------|-------------------------|--------------------------|-------------------------|----------------------------------|-------------------------------|--------------------------------|----------------------------|-------------------|-------------------|-------------------------|-------------------------|------------------------|------------------------|----------|
| <b>MW-2B continued</b> |                         |                          |                         |                                  |                               |                                |                            |                   |                   |                         |                         |                        |                        |          |
| 03/01/95               | 365.05                  | 80.80                    | 0.00                    | 284.25                           | --                            | ND                             | --                         | ND                | ND                | ND                      | ND                      | --                     | --                     |          |
| 06/01/95               | 365.05                  | 75.69                    | 0.00                    | 289.36                           | 5.11                          | 350                            | --                         | 19                | 5.8               | ND                      | 7.7                     | --                     | --                     |          |
| 09/06/95               | 365.05                  | 77.54                    | 0.00                    | 287.51                           | -1.85                         | ND                             | --                         | 90                | ND                | ND                      | ND                      | --                     | --                     |          |
| 12/12/95               | 365.05                  | 75.96                    | 0.00                    | 289.09                           | 1.58                          | 1200                           | --                         | 630               | ND                | 15                      | 57                      | --                     | --                     |          |
| 03/01/96               | 365.05                  | 73.27                    | 0.00                    | 291.78                           | 2.69                          | 1000                           | --                         | 620               | ND                | ND                      | 5.3                     | 4300                   | --                     |          |
| 06/15/96               | 365.05                  | 73.21                    | 0.00                    | 291.84                           | 0.06                          | 910                            | --                         | 350               | ND                | ND                      | ND                      | 3700                   | --                     |          |
| 09/18/96               | 365.05                  | 81.08                    | 0.00                    | 283.97                           | -7.87                         | 1200                           | --                         | 95                | ND                | ND                      | ND                      | 5200                   | --                     |          |
| 12/21/96               | 365.05                  | 77.35                    | 0.00                    | 287.70                           | 3.73                          | 330                            | --                         | 57                | ND                | ND                      | ND                      | 2900                   | --                     |          |
| 03/07/97               | 365.05                  | 69.67                    | 0.00                    | 295.38                           | 7.68                          | 190                            | --                         | 28                | 0.64              | ND                      | 1.5                     | 4300                   | --                     |          |
| 06/27/97               | 365.05                  | 82.40                    | 0.00                    | 282.65                           | -12.73                        | 98                             | --                         | 3.4               | 1.0               | 0.53                    | ND                      | 3100                   | --                     |          |
| 09/29/97               | 365.05                  | 82.72                    | 0.00                    | 282.33                           | -0.32                         | ND                             | --                         | ND                | ND                | ND                      | ND                      | 3000                   | --                     |          |
| 12/15/97               | 365.05                  | 82.57                    | 0.00                    | 282.48                           | 0.15                          | 54                             | --                         | ND                | ND                | ND                      | ND                      | 4100                   | --                     |          |
| 03/16/98               | 365.05                  | 69.13                    | 0.00                    | 295.92                           | 13.44                         | ND                             | --                         | 17                | ND                | ND                      | ND                      | 4400                   | --                     |          |
| 06/26/98               | 365.05                  | 77.78                    | 0.00                    | 287.27                           | -8.65                         | ND                             | --                         | ND                | ND                | ND                      | ND                      | 4000                   | --                     |          |
| 08/18/98               | 365.05                  | 83.99                    | 0.00                    | 281.06                           | -6.21                         | --                             | --                         | --                | --                | --                      | --                      | --                     | --                     |          |
| 09/22/98               | 365.05                  | 83.89                    | 0.00                    | 281.16                           | 0.10                          | ND                             | --                         | ND                | ND                | ND                      | 21                      | 4600                   | --                     |          |
| 12/15/98               | 365.05                  | 82.84                    | 0.00                    | 282.21                           | 1.05                          | ND                             | --                         | ND                | ND                | ND                      | ND                      | 5100                   | --                     |          |
| 12/23/98               | 365.05                  | 82.55                    | 0.00                    | 282.50                           | 0.29                          | --                             | --                         | --                | --                | --                      | --                      | --                     | --                     |          |
| 03/15/99               | 365.05                  | 77.31                    | 0.00                    | 287.74                           | 5.24                          | ND                             | --                         | ND                | ND                | ND                      | ND                      | 4300                   | 4800                   |          |
| 03/23/99               | 365.05                  | 77.06                    | 0.00                    | 287.99                           | 0.25                          | --                             | --                         | --                | --                | --                      | --                      | --                     | --                     |          |
| 06/07/99               | 365.05                  | 82.96                    | 0.00                    | 282.09                           | -5.90                         | ND                             | --                         | ND                | ND                | ND                      | ND                      | 5100                   | --                     |          |
| 09/03/99               | 365.05                  | 84.16                    | 0.00                    | 280.89                           | -1.20                         | ND                             | --                         | ND                | ND                | ND                      | ND                      | 6300                   | 4400                   |          |
| 12/06/99               | 365.05                  | 84.41                    | 0.00                    | 280.64                           | -0.25                         | ND                             | --                         | ND                | ND                | ND                      | ND                      | 4400                   | --                     |          |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2009**  
**76 Station 7376**

| Date Sampled           | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G 8015 (Luft) (µg/l) | TPH-G (GC/MS) (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE (8021B) (µg/l) | MTBE (8260B) (µg/l) | Comments           |
|------------------------|----------------------|-----------------------|----------------------|-------------------------------|----------------------------|--------------------------|----------------------|----------------|----------------|----------------------|----------------------|---------------------|---------------------|--------------------|
| <b>MW-2B continued</b> |                      |                       |                      |                               |                            |                          |                      |                |                |                      |                      |                     |                     |                    |
| 03/10/00               | 365.05               | 82.42                 | 0.00                 | 282.63                        | 1.99                       | ND                       | --                   | ND             | ND             | ND                   | ND                   | 6900                | --                  |                    |
| 06/08/00               | 365.05               | 82.73                 | 0.00                 | 282.32                        | -0.31                      | ND                       | --                   | ND             | ND             | ND                   | ND                   | 7780                | --                  |                    |
| 09/25/00               | 365.05               | 84.24                 | 0.00                 | 280.81                        | -1.51                      | 52.9                     | --                   | 8.83           | 6.58           | 0.932                | 5.60                 | 12200               | --                  |                    |
| 12/19/00               | 365.05               | 84.39                 | 0.00                 | 280.66                        | -0.15                      | ND                       | --                   | ND             | ND             | ND                   | ND                   | 6000                | --                  |                    |
| 03/05/01               | 365.05               | 84.61                 | 0.00                 | 280.44                        | -0.22                      | ND                       | --                   | ND             | ND             | ND                   | ND                   | 5890                | --                  |                    |
| 06/14/01               | 365.05               | 83.53                 | 0.00                 | 281.52                        | 1.08                       | ND                       | --                   | ND             | ND             | ND                   | ND                   | 6600                | --                  |                    |
| 09/17/01               | 365.05               | 84.55                 | 0.00                 | 280.50                        | -1.02                      | ND<200                   | --                   | ND<2.0         | ND<2.0         | ND<2.0               | ND<2.0               | 5100                | --                  |                    |
| 09/25/01               | 365.05               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Inaccessible       |
| 12/17/01               | 365.05               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well           |
| 03/15/02               | 365.05               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Inaccessible       |
| 06/20/02               | 365.05               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well           |
| 09/27/02               | 365.05               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well           |
| 12/30/02               | 365.05               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well           |
| 03/26/03               | 365.05               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well           |
| 06/10/03               | 365.05               | 83.17                 | 0.00                 | 281.88                        | --                         | --                       | ND<5000              | ND<50          | ND<50          | ND<50                | ND<100               | 6400                | --                  |                    |
| 09/09/03               | 365.05               | 84.56                 | 0.00                 | 280.49                        | -1.39                      | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | car parked on well |
| 12/10/03               | 365.05               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well           |
| 03/09/04               | 365.05               | 84.13                 | 0.00                 | 280.92                        | --                         | --                       | ND<5000              | ND<50          | ND<50          | ND<50                | ND<100               | --                  | 5200                |                    |
| 06/21/04               | 365.05               | 83.71                 | 0.00                 | 281.34                        | 0.42                       | --                       | 3400                 | ND<25          | ND<25          | ND<25                | ND<50                | --                  | 4600                |                    |
| 09/08/04               | 365.05               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well           |
| 12/14/04               | 365.05               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well           |
| 03/17/05               | 365.05               | 79.55                 | 0.00                 | 285.50                        | --                         | --                       | ND<5000              | ND<0.50        | ND<0.50        | 0.83                 | ND<1.0               | --                  | 7800                |                    |
| 06/15/05               | 365.05               | 76.89                 | 0.00                 | 288.16                        | 2.66                       | --                       | ND<5000              | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 6400                |                    |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2009**  
**76 Station 7376**

| Date Sampled                                     | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G 8015 (Luft) (µg/l) | TPH-G (GC/MS) (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE (8021B) (µg/l) | MTBE (8260B) (µg/l) | Comments                             |
|--------------------------------------------------|----------------------|-----------------------|----------------------|-------------------------------|----------------------------|--------------------------|----------------------|----------------|----------------|----------------------|----------------------|---------------------|---------------------|--------------------------------------|
| <b>MW-2B continued</b>                           |                      |                       |                      |                               |                            |                          |                      |                |                |                      |                      |                     |                     |                                      |
| 09/20/05                                         | --                   | 83.24                 | 0.00                 | --                            | --                         | --                       | 3200                 | ND<12          | ND<12          | ND<12                | ND<25                | --                  | 6000                | Casing elevation modified on 6/22/05 |
| 12/29/05                                         | --                   | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Car parked over well                 |
| 03/15/06                                         | --                   | 64.03                 | 0.00                 | --                            | --                         | --                       | ND<5000              | ND<50          | ND<50          | ND<50                | ND<100               | --                  | 5700                |                                      |
| 06/28/06                                         | --                   | 61.22                 | 0.00                 | --                            | --                         | --                       | 3000                 | ND<5.0         | ND<5.0         | ND<5.0               | ND<10                | --                  | 11000               |                                      |
| 09/28/06                                         | --                   | 66.35                 | 0.00                 | --                            | --                         | --                       | 3100                 | ND<10          | ND<10          | ND<10                | ND<10                | --                  | 9800                |                                      |
| 12/11/06                                         | --                   | 61.20                 | 0.00                 | --                            | --                         | --                       | 330                  | 1.3            | ND<0.50        | 1.9                  | 1.6                  | --                  | 10000               |                                      |
| 03/19/07                                         | --                   | 55.75                 | 0.00                 | --                            | --                         | --                       | 8600                 | ND<25          | ND<25          | ND<25                | ND<25                | --                  | 11000               |                                      |
| 06/15/07                                         | --                   | 65.21                 | 0.00                 | --                            | --                         | --                       | 4700                 | ND<10          | ND<10          | ND<10                | ND<10                | --                  | 9300                |                                      |
| 09/24/07                                         | --                   | 63.41                 | 0.00                 | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | LPH in casing well                   |
| 12/27/07                                         | --                   | 58.75                 | 0.00                 | --                            | --                         | --                       | 1500                 | 0.66           | 1.2            | 0.64                 | 1.5                  | --                  | 7900                |                                      |
| 03/25/08                                         | --                   | 59.27                 | 0.00                 | --                            | --                         | --                       | ND<5000              | ND<50          | ND<50          | ND<50                | ND<100               | --                  | 5700                |                                      |
| 06/06/08                                         | --                   | 59.50                 | 0.00                 | --                            | --                         | --                       | 6400                 | ND<50          | ND<50          | ND<50                | ND<100               | --                  | 7400                |                                      |
| 09/05/08                                         | --                   | 73.50                 | 0.00                 | --                            | --                         | --                       | 2200                 | ND<10          | ND<10          | ND<10                | ND<20                | --                  | 4000                |                                      |
| 12/08/08                                         | --                   | 69.99                 | 0.01                 | --                            | --                         | --                       | 3100                 | ND<25          | ND<25          | ND<25                | ND<50                | --                  | 4200                | LPH in well                          |
| 03/26/09                                         | --                   | 62.48                 | 0.00                 | --                            | --                         | --                       | 630                  | 18             | ND<6.2         | 6.5                  | 19                   | --                  | 5200                |                                      |
| <b>MW-3 (Screen Interval in feet: 76.5-96.5)</b> |                      |                       |                      |                               |                            |                          |                      |                |                |                      |                      |                     |                     |                                      |
| 12/08/87                                         | --                   | --                    | --                   | --                            | --                         | 24000                    | --                   | 2600           | 1300           | 160                  | 660                  | --                  | --                  |                                      |
| 12/07/94                                         | 367.01               | 85.54                 | 0.00                 | 281.47                        | --                         | ND                       | --                   | ND             | ND             | ND                   | ND                   | --                  | --                  |                                      |
| 03/01/95                                         | 367.01               | 83.20                 | 0.00                 | 283.81                        | 2.34                       | ND                       | --                   | ND             | 1.1            | ND                   | 1.1                  | --                  | --                  |                                      |
| 06/01/95                                         | 367.01               | 77.60                 | 0.00                 | 289.41                        | 5.60                       | 62                       | --                   | 7.8            | 0.90           | ND                   | 1.6                  | --                  | --                  |                                      |
| 09/06/95                                         | 367.01               | 79.28                 | 0.00                 | 287.73                        | -1.68                      | 4100                     | --                   | 380            | 490            | 130                  | 710                  | --                  | --                  |                                      |
| 12/12/95                                         | 367.01               | 77.73                 | 0.00                 | 289.28                        | 1.55                       | 19000                    | --                   | 600            | 380            | 2100                 | 5300                 | --                  | --                  |                                      |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2009**  
**76 Station 7376**

| Date Sampled          | TOC Elevation<br>(feet) | Depth to Water<br>(feet) | LPH Thickness<br>(feet) | Ground-water Elevation<br>(feet) | Change in Elevation<br>(feet) | TPH-G 8015<br>(Luft)<br>(µg/l) | TPH-G<br>(GC/MS)<br>(µg/l) | Benzene<br>(µg/l) | Toluene<br>(µg/l) | Ethyl-benzene<br>(µg/l) | Total Xylenes<br>(µg/l) | MTBE (8021B)<br>(µg/l) | MTBE (8260B)<br>(µg/l) | Comments |
|-----------------------|-------------------------|--------------------------|-------------------------|----------------------------------|-------------------------------|--------------------------------|----------------------------|-------------------|-------------------|-------------------------|-------------------------|------------------------|------------------------|----------|
| <b>MW-3 continued</b> |                         |                          |                         |                                  |                               |                                |                            |                   |                   |                         |                         |                        |                        |          |
| 03/01/96              | 367.01                  | 75.18                    | 0.00                    | 291.83                           | 2.55                          | 3400                           | --                         | 950               | 3.2               | 1900                    | 290                     | 59                     | --                     |          |
| 06/15/96              | 367.01                  | 75.13                    | 0.00                    | 291.88                           | 0.05                          | 780                            | --                         | 190               | 8.8               | 3.8                     | 4.0                     | 630                    | --                     |          |
| 09/18/96              | 367.01                  | 82.84                    | 0.00                    | 284.17                           | -7.71                         | 2800                           | --                         | 340               | 12                | 11                      | 110                     | 2500                   | --                     |          |
| 12/21/96              | 367.01                  | 79.29                    | 0.00                    | 287.72                           | 3.55                          | 51                             | --                         | 1.3               | ND                | ND                      | 0.53                    | 20                     | --                     |          |
| 03/07/97              | 367.01                  | 71.58                    | 0.00                    | 295.43                           | 7.71                          | 1400                           | --                         | 53                | 14                | 29                      | 68                      | 220                    | --                     |          |
| 06/27/97              | 367.01                  | 83.27                    | 0.00                    | 283.74                           | -11.69                        | ND                             | --                         | ND                | ND                | ND                      | ND                      | 27                     | --                     |          |
| 09/29/97              | 367.01                  | 83.33                    | 0.00                    | 283.68                           | -0.06                         | ND                             | --                         | ND                | ND                | ND                      | ND                      | 11                     | --                     |          |
| 12/15/97              | 367.01                  | 83.35                    | 0.00                    | 283.66                           | -0.02                         | ND                             | --                         | ND                | ND                | ND                      | ND                      | 19                     | --                     |          |
| 03/16/98              | 367.01                  | 71.07                    | 0.00                    | 295.94                           | 12.28                         | 130                            | --                         | 6.5               | 1.9               | 1.5                     | 1.6                     | 210                    | --                     |          |
| 06/26/98              | 367.03                  | 79.65                    | 0.00                    | 287.38                           | -8.56                         | 400                            | --                         | 15                | ND                | ND                      | 1.9                     | 490                    | --                     |          |
| 08/18/98              | 367.03                  | 83.29                    | 0.00                    | 283.74                           | -3.64                         | --                             | --                         | --                | --                | --                      | --                      | --                     | --                     |          |
| 09/22/98              | 367.03                  | 83.33                    | 0.00                    | 283.70                           | -0.04                         | ND                             | --                         | ND                | ND                | ND                      | ND                      | 24                     | --                     |          |
| 12/15/98              | 367.03                  | 83.29                    | 0.00                    | 283.74                           | 0.04                          | ND                             | --                         | ND                | ND                | ND                      | ND                      | 18                     | --                     |          |
| 12/23/98              | 367.03                  | 83.28                    | 0.00                    | 283.75                           | 0.01                          | --                             | --                         | --                | --                | --                      | --                      | --                     | --                     |          |
| 03/15/99              | 367.03                  | 79.19                    | 0.00                    | 287.84                           | 4.09                          | 26000                          | --                         | 3100              | 270               | 2200                    | 3100                    | 1300                   | --                     |          |
| 03/23/99              | 367.03                  | 78.92                    | 0.00                    | 288.11                           | 0.27                          | --                             | --                         | --                | --                | --                      | --                      | --                     | --                     |          |
| 06/07/99              | 367.03                  | 83.22                    | 0.00                    | 283.81                           | -4.30                         | ND                             | --                         | ND                | ND                | 0.63                    | ND                      | 29                     | --                     |          |
| 09/03/99              | 367.03                  | 83.31                    | 0.00                    | 283.72                           | -0.09                         | 23000                          | --                         | 770               | ND                | 980                     | 6400                    | 280                    | 82.4                   |          |
| 12/06/99              | 367.03                  | 83.41                    | 0.00                    | 283.62                           | -0.10                         | 41000                          | --                         | 3200              | 3500              | 1300                    | 8300                    | ND                     | --                     |          |
| 03/10/00              | 367.03                  | 83.23                    | 0.00                    | 283.80                           | 0.18                          | 5100                           | --                         | 340               | ND                | 97                      | 450                     | 200                    | --                     |          |
| 06/08/00              | 367.03                  | 83.22                    | 0.00                    | 283.81                           | 0.01                          | 1200                           | --                         | 52.0              | ND                | 41.7                    | 356                     | 55.8                   | --                     |          |
| 09/25/00              | 367.03                  | 83.37                    | 0.00                    | 283.66                           | -0.15                         | 3400                           | --                         | 305               | ND                | 25.4                    | 512                     | 137                    | --                     |          |
| 12/19/00              | 367.03                  | 83.27                    | 0.00                    | 283.76                           | 0.10                          | 6800                           | --                         | 260               | ND                | 120                     | 950                     | 130                    | --                     |          |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2009**  
**76 Station 7376**

| Date Sampled          | TOC Elevation<br>(feet) | Depth to Water<br>(feet) | LPH Thickness<br>(feet) | Ground-water Elevation<br>(feet) | Change in Elevation<br>(feet) | TPH-G 8015<br>(Luft)<br>(µg/l) | TPH-G<br>(GC/MS)<br>(µg/l) | Benzene<br>(µg/l) | Toluene<br>(µg/l) | Ethyl-<br>benzene<br>(µg/l) | Total<br>Xylenes<br>(µg/l) | MTBE<br>(8021B)<br>(µg/l) | MTBE<br>(8260B)<br>(µg/l) | Comments |
|-----------------------|-------------------------|--------------------------|-------------------------|----------------------------------|-------------------------------|--------------------------------|----------------------------|-------------------|-------------------|-----------------------------|----------------------------|---------------------------|---------------------------|----------|
| <b>MW-3 continued</b> |                         |                          |                         |                                  |                               |                                |                            |                   |                   |                             |                            |                           |                           |          |
| 03/05/01              | 367.03                  | 83.34                    | 0.00                    | 283.69                           | -0.07                         | 16800                          | --                         | 1100              | 48.6              | 637                         | 4260                       | 224                       | --                        |          |
| 06/14/01              | 367.03                  | 83.39                    | 0.00                    | 283.64                           | -0.05                         | 1800                           | --                         | 260               | ND                | 5.5                         | 25                         | 83                        | --                        |          |
| 09/17/01              | 367.03                  | 84.10                    | 0.00                    | 282.93                           | -0.71                         | ND<50                          | --                         | 0.50              | ND<0.50           | ND<0.50                     | ND<0.50                    | 71                        | --                        |          |
| 09/25/01              | 367.03                  | 84.23                    | 0.00                    | 282.80                           | -0.13                         | --                             | --                         | --                | --                | --                          | --                         | --                        | --                        |          |
| 12/17/01              | 367.03                  | 83.32                    | 0.00                    | 283.71                           | 0.91                          | 1800                           | --                         | 120               | ND<5.0            | 45                          | 270                        | 80                        | 91                        |          |
| 03/15/02              | 367.03                  | 83.27                    | 0.00                    | 283.76                           | 0.05                          | 15000                          | --                         | 160               | ND<50             | 140                         | 4400                       | ND<250                    | --                        |          |
| 06/20/02              | 367.03                  | 83.74                    | 0.00                    | 283.29                           | -0.47                         | --                             | 3700                       | 98                | 0.69              | 4.0                         | 2.3                        | --                        | 92                        |          |
| 09/27/02              | 367.03                  | 84.20                    | 0.00                    | 282.83                           | -0.46                         | --                             | 210                        | ND<0.50           | ND<0.50           | ND<0.50                     | ND<1.0                     | --                        | 67                        |          |
| 12/30/02              | 367.03                  | 83.24                    | 0.00                    | 283.79                           | 0.96                          | --                             | 5900                       | 320               | ND<5.0            | 80                          | 1500                       | --                        | 160                       |          |
| 03/26/03              | 367.03                  | 83.27                    | 0.00                    | 283.76                           | -0.03                         | --                             | 7200                       | 95                | 6.3               | 140                         | 1500                       | --                        | 130                       |          |
| 06/10/03              | 367.03                  | 83.59                    | 0.00                    | 283.44                           | -0.32                         | --                             | 360                        | 2.1               | ND<0.50           | 1.1                         | 1.0                        | --                        | 54                        |          |
| 09/09/03              | 367.01                  | 83.75                    | 0.00                    | 283.26                           | -0.18                         | --                             | 220                        | ND<0.50           | ND<0.50           | ND<0.50                     | ND<1.0                     | --                        | 63                        |          |
| 12/10/03              | 367.01                  | 83.21                    | 0.00                    | 283.80                           | 0.54                          | --                             | 980                        | 32                | ND<1.0            | 7.0                         | 160                        | --                        | 90                        |          |
| 03/09/04              | 367.01                  | 83.23                    | 0.00                    | 283.78                           | -0.02                         | --                             | 1300                       | 4.2               | 0.67              | 6.4                         | 91                         | --                        | 83                        |          |
| 06/21/04              | 367.01                  | 83.31                    | 0.00                    | 283.70                           | -0.08                         | --                             | 96                         | ND<0.50           | 0.62              | ND<0.50                     | ND<1.0                     | --                        | 59                        |          |
| 09/08/04              | 367.01                  | 83.81                    | 0.00                    | 283.20                           | -0.50                         | --                             | 170                        | ND<0.50           | ND<0.50           | ND<0.50                     | ND<1.0                     | --                        | 82                        |          |
| 12/14/04              | 367.01                  | 83.20                    | 0.00                    | 283.81                           | 0.61                          | --                             | 1800                       | 44                | 0.83              | 22                          | 310                        | --                        | 120                       |          |
| 03/17/05              | 367.01                  | 81.33                    | 0.00                    | 285.68                           | 1.87                          | --                             | 11000                      | 110               | 1.3               | 38                          | 1100                       | --                        | 57                        |          |
| 06/15/05              | 367.01                  | 78.31                    | 0.00                    | 288.70                           | 3.02                          | --                             | 910                        | 0.92              | ND<0.50           | 1.0                         | ND<1.0                     | --                        | 59                        |          |
| 09/20/05              | 367.01                  | 83.28                    | 0.00                    | 283.73                           | -4.97                         | --                             | 94                         | ND<0.50           | ND<0.50           | ND<0.50                     | ND<1.0                     | --                        | 150                       |          |
| 12/29/05              | 367.01                  | 70.73                    | 0.00                    | 296.28                           | 12.55                         | --                             | 2100                       | 27                | ND<0.50           | 91                          | 260                        | --                        | 64                        |          |
| 03/15/06              | 367.01                  | 65.91                    | 0.00                    | 301.10                           | 4.82                          | --                             | 860                        | 7.5               | ND<0.50           | 3.3                         | ND<1.0                     | --                        | 98                        |          |
| 06/28/06              | 367.01                  | 66.16                    | 0.00                    | 300.85                           | -0.25                         | --                             | 2200                       | 430               | 14                | 25                          | 17                         | --                        | 380                       |          |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2009**  
**76 Station 7376**

| Date Sampled                                     | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G 8015 (Luft) (µg/l) | TPH-G (GC/MS) (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE (8021B) (µg/l) | MTBE (8260B) (µg/l) | Comments |
|--------------------------------------------------|----------------------|-----------------------|----------------------|-------------------------------|----------------------------|--------------------------|----------------------|----------------|----------------|----------------------|----------------------|---------------------|---------------------|----------|
| <b>MW-3 continued</b>                            |                      |                       |                      |                               |                            |                          |                      |                |                |                      |                      |                     |                     |          |
| 09/28/06                                         | 367.01               | 70.15                 | 0.00                 | 296.86                        | -3.99                      | --                       | 410                  | 110            | ND<0.50        | 0.52                 | ND<0.50              | --                  | 79                  |          |
| 12/11/06                                         | 367.01               | 63.33                 | 0.00                 | 303.68                        | 6.82                       | --                       | 370                  | 14             | ND<0.50        | ND<0.50              | ND<0.50              | --                  | 70                  |          |
| 03/19/07                                         | 367.01               | 57.35                 | 0.00                 | 309.66                        | 5.98                       | --                       | 820                  | 4.2            | ND<0.50        | ND<0.50              | 0.88                 | --                  | 69                  |          |
| 06/15/07                                         | 367.01               | 66.79                 | 0.00                 | 300.22                        | -9.44                      | --                       | 1500                 | 130            | 1.3            | 7.8                  | 8.8                  | --                  | 400                 |          |
| 09/24/07                                         | 367.01               | 69.70                 | 0.00                 | 297.31                        | -2.91                      | --                       | 330                  | 1.1            | ND<0.50        | ND<0.50              | ND<0.50              | --                  | 51                  |          |
| 12/27/07                                         | 367.01               | 60.35                 | 0.00                 | 306.66                        | 9.35                       | --                       | 210                  | 0.54           | 0.98           | ND<0.50              | 1.4                  | --                  | 52                  |          |
| 03/25/08                                         | 367.01               | 60.87                 | 0.00                 | 306.14                        | -0.52                      | --                       | 1500                 | 69             | ND<0.50        | 41                   | 55                   | --                  | 840                 |          |
| 06/06/08                                         | 367.01               | 61.14                 | 0.00                 | 305.87                        | -0.27                      | --                       | 1300                 | 58             | ND<5.0         | ND<5.0               | ND<10                | --                  | 840                 |          |
| 09/05/08                                         | 367.01               | 73.10                 | 0.00                 | 293.91                        | -11.96                     | --                       | 380                  | 74             | 1.2            | 1.3                  | 3.8                  | --                  | 170                 |          |
| 12/08/08                                         | 367.01               | 71.65                 | 0.00                 | 295.36                        | 1.45                       | --                       | 120                  | 1.8            | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 31                  |          |
| 03/26/09                                         | 367.01               | 64.12                 | 0.00                 | 302.89                        | 7.53                       | --                       | 490                  | 0.84           | 0.53           | ND<0.50              | ND<1.0               | --                  | 33                  |          |
| <b>MW-4 (Screen Interval in feet: 73.0-93.0)</b> |                      |                       |                      |                               |                            |                          |                      |                |                |                      |                      |                     |                     |          |
| 09/18/96                                         | 369.03               | 73.67                 | 0.00                 | 295.36                        | --                         | 160                      | --                   | 14             | ND             | ND                   | 1.6                  | ND                  | --                  |          |
| 12/21/96                                         | 369.03               | 77.69                 | 0.00                 | 291.34                        | -4.02                      | ND                       | --                   | ND             | ND             | ND                   | ND                   | ND                  | --                  |          |
| 03/07/97                                         | 369.03               | 68.04                 | 0.00                 | 300.99                        | 9.65                       | ND                       | --                   | 1.9            | 0.99           | ND                   | 1.5                  | ND                  | --                  |          |
| 06/27/97                                         | 369.03               | 79.06                 | 0.00                 | 289.97                        | -11.02                     | ND                       | --                   | ND             | ND             | ND                   | ND                   | ND                  | --                  |          |
| 09/29/97                                         | 369.03               | 85.83                 | 0.00                 | 283.20                        | -6.77                      | ND                       | --                   | ND             | ND             | ND                   | ND                   | ND                  | --                  |          |
| 12/15/97                                         | 369.03               | 87.26                 | 0.00                 | 281.77                        | -1.43                      | ND                       | --                   | ND             | ND             | ND                   | ND                   | ND                  | --                  |          |
| 03/16/98                                         | 369.03               | 75.09                 | 0.00                 | 293.94                        | 12.17                      | ND                       | --                   | ND             | 0.69           | ND                   | 0.82                 | ND                  | --                  |          |
| 06/26/98                                         | 368.81               | 73.81                 | 0.00                 | 295.00                        | 1.06                       | 100                      | --                   | 62             | ND             | ND                   | ND                   | ND                  | --                  |          |
| 08/18/98                                         | 368.81               | 78.75                 | 0.00                 | 290.06                        | -4.94                      | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  |          |
| 09/22/98                                         | 368.81               | 83.95                 | 0.00                 | 284.86                        | -5.20                      | ND                       | --                   | ND             | ND             | ND                   | ND                   | 2.8                 | --                  |          |
| 12/15/98                                         | 368.81               | 85.41                 | 0.00                 | 283.40                        | -1.46                      | ND                       | --                   | ND             | ND             | ND                   | ND                   | ND                  | --                  |          |



**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2009**  
**76 Station 7376**

| Date Sampled          | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G 8015 (Luft) (µg/l) | TPH-G (GC/MS) (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE (8021B) (µg/l) | MTBE (8260B) (µg/l) | Comments |
|-----------------------|----------------------|-----------------------|----------------------|-------------------------------|----------------------------|--------------------------|----------------------|----------------|----------------|----------------------|----------------------|---------------------|---------------------|----------|
| <b>MW-4 continued</b> |                      |                       |                      |                               |                            |                          |                      |                |                |                      |                      |                     |                     |          |
| 12/23/98              | 368.81               | 84.95                 | 0.00                 | 283.86                        | 0.46                       | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  |          |
| 03/15/99              | 368.81               | 78.47                 | 0.00                 | 290.34                        | 6.48                       | ND                       | --                   | ND             | ND             | ND                   | ND                   | ND                  | --                  |          |
| 03/23/99              | 368.81               | 77.37                 | 0.00                 | 291.44                        | 1.10                       | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  |          |
| 06/07/99              | 368.81               | 76.60                 | 0.00                 | 292.21                        | 0.77                       | ND                       | --                   | ND             | ND             | ND                   | ND                   | ND                  | --                  |          |
| 09/03/99              | 368.81               | 87.23                 | 0.00                 | 281.58                        | -10.63                     | ND                       | --                   | ND             | ND             | ND                   | ND                   | ND                  | ND                  |          |
| 12/06/99              | 368.81               | 92.23                 | 0.00                 | 276.58                        | -5.00                      | ND                       | --                   | ND             | ND             | ND                   | ND                   | ND                  | --                  |          |
| 03/10/00              | 368.81               | 88.54                 | 0.00                 | 280.27                        | 3.69                       | ND                       | --                   | ND             | ND             | ND                   | ND                   | ND                  | --                  |          |
| 06/08/00              | 368.81               | 86.98                 | 0.00                 | 281.83                        | 1.56                       | ND                       | --                   | ND             | ND             | ND                   | ND                   | ND                  | --                  |          |
| 09/25/00              | 368.81               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well |
| 12/19/00              | 368.81               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well |
| 03/05/01              | 368.81               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well |
| 06/14/01              | 368.81               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well |
| 09/17/01              | 368.81               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well |
| 09/25/01              | 368.81               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well |
| 12/17/01              | 368.81               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well |
| 03/15/02              | 368.81               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well |
| 06/20/02              | 368.81               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well |
| 09/27/02              | 368.81               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well |
| 12/30/02              | 368.81               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well |
| 03/26/03              | 368.81               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well |
| 06/10/03              | 368.81               | 89.76                 | 0.00                 | 279.05                        | --                         | --                       | ND<50                | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | ND<2.0              |          |
| 09/09/03              | 368.81               | 89.47                 | 0.00                 | 279.34                        | 0.29                       | --                       | ND<50                | ND<0.50        | 0.80           | ND<0.50              | ND<1.0               | --                  | ND<2.0              |          |
| 12/10/03              | 368.81               | 90.44                 | 0.00                 | 278.37                        | -0.97                      | --                       | ND<50                | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | ND<2.0              |          |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2009**  
**76 Station 7376**

| Date Sampled                                     | TOC Elevation<br>(feet) | Depth to Water<br>(feet) | LPH Thickness<br>(feet) | Ground-water Elevation<br>(feet) | Change in Elevation<br>(feet) | TPH-G 8015<br>(Luft)<br>(µg/l) | TPH-G   |                   |                   |                         |         | Total Xylenes<br>(µg/l) | MTBE (8021B)<br>(µg/l) | MTBE (8260B)<br>(µg/l) | Comments |
|--------------------------------------------------|-------------------------|--------------------------|-------------------------|----------------------------------|-------------------------------|--------------------------------|---------|-------------------|-------------------|-------------------------|---------|-------------------------|------------------------|------------------------|----------|
|                                                  |                         |                          |                         |                                  |                               |                                | (GC/MS) | Benzene<br>(µg/l) | Toluene<br>(µg/l) | Ethyl-benzene<br>(µg/l) |         |                         |                        |                        |          |
| <b>MW-4 continued</b>                            |                         |                          |                         |                                  |                               |                                |         |                   |                   |                         |         |                         |                        |                        |          |
| 03/09/04                                         | 368.81                  | 84.89                    | 0.00                    | 283.92                           | 5.55                          | --                             | ND<50   | 4.2               | 0.59              | 2.0                     | 1.3     | --                      | ND<2.0                 |                        |          |
| 06/21/04                                         | 368.81                  | 81.90                    | 0.00                    | 286.91                           | 2.99                          | --                             | ND<50   | ND<0.50           | 0.68              | ND<0.50                 | ND<1.0  | --                      | ND<0.50                |                        |          |
| 09/08/04                                         | 368.81                  | 86.45                    | 0.00                    | 282.36                           | -4.55                         | --                             | ND<50   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0  | --                      | ND<0.50                |                        |          |
| 12/14/04                                         | 368.81                  | 89.95                    | 0.00                    | 278.86                           | -3.50                         | --                             | ND<50   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0  | --                      | ND<0.50                |                        |          |
| 03/17/05                                         | 368.81                  | 78.86                    | 0.00                    | 289.95                           | 11.09                         | --                             | ND<50   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0  | --                      | ND<0.50                |                        |          |
| 06/15/05                                         | 368.81                  | 73.07                    | 0.00                    | 295.74                           | 5.79                          | --                             | ND<50   | 0.50              | ND<0.50           | ND<0.50                 | ND<1.0  | --                      | ND<0.50                |                        |          |
| 09/20/05                                         | 368.81                  | 79.83                    | 0.00                    | 288.98                           | -6.76                         | --                             | ND<50   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0  | --                      | ND<0.50                |                        |          |
| 12/29/05                                         | 368.81                  | 74.08                    | 0.00                    | 294.73                           | 5.75                          | --                             | ND<50   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0  | --                      | ND<0.50                |                        |          |
| 03/15/06                                         | 368.81                  | 62.45                    | 0.00                    | 306.36                           | 11.63                         | --                             | ND<50   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0  | --                      | ND<0.50                |                        |          |
| 06/28/06                                         | 368.81                  | 61.87                    | 0.00                    | 306.94                           | 0.58                          | --                             | ND<50   | 2.9               | ND<0.50           | ND<0.50                 | ND<1.0  | --                      | ND<0.50                |                        |          |
| 09/28/06                                         | 368.81                  | 70.81                    | 0.00                    | 298.00                           | -8.94                         | --                             | ND<50   | 0.53              | ND<0.50           | ND<0.50                 | ND<0.50 | --                      | ND<0.50                |                        |          |
| 12/11/06                                         | 368.81                  | 64.10                    | 0.00                    | 304.71                           | 6.71                          | --                             | ND<50   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<0.50 | --                      | ND<0.50                |                        |          |
| 03/19/07                                         | 368.81                  | 60.37                    | 0.00                    | 308.44                           | 3.73                          | --                             | ND<50   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<0.50 | --                      | ND<0.50                |                        |          |
| 06/15/07                                         | 368.81                  | 62.13                    | 0.00                    | 306.68                           | -1.76                         | --                             | ND<50   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<0.50 | --                      | ND<0.50                |                        |          |
| 09/24/07                                         | 368.81                  | 71.59                    | 0.00                    | 297.22                           | -9.46                         | --                             | ND<50   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<0.50 | --                      | ND<0.50                |                        |          |
| 12/27/07                                         | 368.81                  | 62.18                    | 0.00                    | 306.63                           | 9.41                          | --                             | ND<50   | ND<0.50           | 1.1               | ND<0.50                 | 1.5     | --                      | ND<0.50                |                        |          |
| 03/25/08                                         | 368.81                  | 55.19                    | 0.00                    | 313.62                           | 6.99                          | --                             | ND<50   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0  | --                      | ND<0.50                |                        |          |
| 06/06/08                                         | 368.81                  | 58.98                    | 0.00                    | 309.83                           | -3.79                         | --                             | ND<50   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0  | --                      | ND<0.50                |                        |          |
| 09/05/08                                         | 368.81                  | 69.95                    | 0.00                    | 298.86                           | -10.97                        | --                             | ND<50   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0  | --                      | ND<0.50                |                        |          |
| 12/08/08                                         | 368.81                  | 73.10                    | 0.00                    | 295.71                           | -3.15                         | --                             | ND<50   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0  | --                      | ND<0.50                |                        |          |
| 03/26/09                                         | 368.81                  | 62.10                    | 0.00                    | 306.71                           | 11.00                         | --                             | ND<50   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0  | --                      | ND<0.50                |                        |          |
| <b>MW-5 (Screen Interval in feet: 52.0-72.0)</b> |                         |                          |                         |                                  |                               |                                |         |                   |                   |                         |         |                         |                        |                        |          |
| 09/18/96                                         | 363.23                  | 64.20                    | 0.00                    | 299.03                           | --                            | 36000                          | --      | 6700              | 410               | 730                     | 6500    | 4100                    | --                     |                        |          |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2009**  
**76 Station 7376**

| Date Sampled          | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G 8015 (Luft) (µg/l) | TPH-G (GC/MS) (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE (8021B) (µg/l) | MTBE (8260B) (µg/l) | Comments                |
|-----------------------|----------------------|-----------------------|----------------------|-------------------------------|----------------------------|--------------------------|----------------------|----------------|----------------|----------------------|----------------------|---------------------|---------------------|-------------------------|
| <b>MW-5 continued</b> |                      |                       |                      |                               |                            |                          |                      |                |                |                      |                      |                     |                     |                         |
| 12/21/96              | 363.23               | 61.77                 | --                   | 301.46                        | 2.43                       | 25000                    | --                   | 3200           | 300            | 780                  | 3600                 | 2600                | --                  |                         |
| 03/07/97              | 363.23               | 56.30                 | --                   | 306.93                        | 5.47                       | 14000                    | --                   | 1300           | 120            | 410                  | 1200                 | 1700                | --                  |                         |
| 06/27/97              | 363.23               | 68.88                 | 0.90                 | 295.02                        | -11.91                     | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Not sampled-LPH in well |
| 09/29/97              | 363.23               | 69.47                 | 0.35                 | 294.02                        | -1.00                      | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Not sampled-LPH in well |
| 12/15/97              | 363.23               | 64.92                 | 0.30                 | 298.54                        | 4.51                       | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Not sampled-LPH in well |
| 03/16/98              | 363.23               | 49.63                 | 0.09                 | 313.67                        | 15.13                      | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Not sampled-LPH in well |
| 06/26/98              | 363.21               | 64.13                 | --                   | 299.08                        | -14.59                     | 490                      | --                   | 6.3            | 2.8            | 4.2                  | 5.1                  | 10                  | --                  |                         |
| 08/18/98              | 363.21               | 70.40                 | 0.01                 | 292.81                        | -6.27                      | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  |                         |
| 09/22/98              | 363.21               | 69.10                 | 0.06                 | 294.15                        | 1.34                       | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Not sampled-LPH in well |
| 12/15/98              | 363.21               | 68.84                 | 0.17                 | 294.50                        | 0.34                       | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Not sampled-LPH in well |
| 12/23/98              | 363.21               | 68.42                 | 0.50                 | 295.16                        | 0.67                       | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  |                         |
| 03/15/99              | 363.21               | 63.81                 | 0.25                 | 299.59                        | 4.42                       | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  |                         |
| 03/23/99              | 363.21               | 63.59                 | 0.13                 | 299.72                        | 0.13                       | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  |                         |
| 06/07/99              | 363.21               | 68.25                 | 0.82                 | 295.57                        | -4.14                      | 210000                   | --                   | 6700           | 3700           | 5000                 | 20000                | 11000               | 4000                |                         |
| 09/03/99              | 363.21               | 69.38                 | 0.70                 | 294.35                        | -1.22                      | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Not sampled-LPH in well |
| 12/06/99              | 363.21               | 70.02                 | 0.82                 | 293.80                        | -0.55                      | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Not sampled-LPH in well |
| 03/10/00              | 363.21               | 64.56                 | 0.64                 | 299.13                        | 5.33                       | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Not sampled-LPH in well |
| 06/08/00              | 363.21               | 66.47                 | 0.51                 | 297.12                        | -2.01                      | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Not sampled-LPH in well |
| 09/25/00              | 363.21               | 69.02                 | 0.60                 | 294.64                        | -2.48                      | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Not sampled-LPH in well |
| 12/19/00              | 363.21               | 68.31                 | 0.14                 | 295.01                        | 0.36                       | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Not sampled-LPH in well |
| 03/05/01              | 363.21               | 64.19                 | 0.08                 | 299.08                        | 4.07                       | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Not sampled-LPH in well |
| 06/14/01              | 363.21               | 64.02                 | 0.11                 | 299.27                        | 0.19                       | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Not sampled-LPH in well |
| 09/17/01              | 363.21               | 72.07                 | 0.04                 | 291.17                        | -8.10                      | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Not sampled-LPH in well |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2009**  
**76 Station 7376**

| Date Sampled          | TOC Elevation<br>(feet) | Depth to Water<br>(feet) | LPH Thickness<br>(feet) | Ground-water Elevation<br>(feet) | Change in Elevation<br>(feet) | TPH-G 8015<br>(Luft)<br>(µg/l) | TPH-G<br>(GC/MS)<br>(µg/l) | Benzene<br>(µg/l) | Toluene<br>(µg/l) | Ethyl-benzene<br>(µg/l) | Total Xylenes<br>(µg/l) | MTBE (8021B)<br>(µg/l) | MTBE (8260B)<br>(µg/l) | Comments                   |
|-----------------------|-------------------------|--------------------------|-------------------------|----------------------------------|-------------------------------|--------------------------------|----------------------------|-------------------|-------------------|-------------------------|-------------------------|------------------------|------------------------|----------------------------|
| <b>MW-5 continued</b> |                         |                          |                         |                                  |                               |                                |                            |                   |                   |                         |                         |                        |                        |                            |
| 09/25/01              | 363.21                  | 72.17                    | 0.03                    | 291.06                           | -0.11                         | --                             | --                         | --                | --                | --                      | --                      | --                     | --                     | Not sampled-LPH in well    |
| 12/17/01              | 363.21                  | 72.11                    | 0.03                    | 291.12                           | 0.06                          | --                             | --                         | --                | --                | --                      | --                      | --                     | --                     | Not sampled-LPH in well    |
| 03/15/02              | 363.21                  | 66.93                    | 0.22                    | 296.45                           | 5.32                          | --                             | --                         | --                | --                | --                      | --                      | --                     | --                     | Not sampled-LPH in well    |
| 06/20/02              | 363.21                  | 69.71                    | 0.42                    | 293.82                           | -2.63                         | --                             | --                         | --                | --                | --                      | --                      | --                     | --                     | Not sampled-LPH in well    |
| 09/27/02              | 363.21                  | 72.07                    | 0.00                    | 291.14                           | -2.68                         | --                             | --                         | --                | --                | --                      | --                      | --                     | --                     | Not enough water to sample |
| 12/30/02              | 363.21                  | 71.91                    | 0.00                    | 291.30                           | 0.16                          | --                             | --                         | --                | --                | --                      | --                      | --                     | --                     | Not enough water to sample |
| 03/26/03              | 363.21                  | 67.55                    | 0.15                    | 295.77                           | 4.47                          | --                             | --                         | --                | --                | --                      | --                      | --                     | --                     | Not sampled-LPH in well    |
| 06/10/03              | 363.21                  | 69.34                    | 0.12                    | 293.96                           | -1.81                         | --                             | --                         | --                | --                | --                      | --                      | --                     | --                     | Not sampled-LPH in well    |
| 09/09/03              | 363.21                  | 68.97                    | 0.00                    | 294.24                           | 0.28                          | --                             | --                         | --                | --                | --                      | --                      | --                     | --                     | LPH in well                |
| 12/10/03              | 363.21                  | --                       | --                      | --                               | --                            | --                             | --                         | --                | --                | --                      | --                      | --                     | --                     | Dry well                   |
| 03/09/04              | 363.21                  | 66.03                    | 0.00                    | 297.18                           | --                            | --                             | 19000                      | 7300              | 370               | 910                     | 890                     | --                     | 1400                   |                            |
| 06/21/04              | 363.21                  | 67.50                    | 0.00                    | 295.71                           | -1.47                         | --                             | 13000                      | 3700              | 220               | 710                     | 660                     | --                     | 1900                   |                            |
| 09/08/04              | 363.21                  | 70.62                    | 0.02                    | 292.61                           | -3.10                         | --                             | --                         | --                | --                | --                      | --                      | --                     | --                     | LPH in well                |
| 12/14/04              | 363.21                  | --                       | --                      | --                               | --                            | --                             | --                         | --                | --                | --                      | --                      | --                     | --                     | Dry well                   |
| 03/17/05              | 363.21                  | 65.88                    | 0.02                    | 297.35                           | --                            | --                             | --                         | --                | --                | --                      | --                      | --                     | --                     | LPH in well                |
| 06/15/05              | 363.21                  | 63.20                    | 0.02                    | 300.02                           | 2.68                          | --                             | --                         | --                | --                | --                      | --                      | --                     | --                     | LPH in well                |
| 09/20/05              | 363.21                  | 66.74                    | 0.01                    | 296.48                           | -3.55                         | --                             | --                         | --                | --                | --                      | --                      | --                     | --                     | LPH in well                |
| 12/29/05              | 363.21                  | 64.04                    | 0.01                    | 299.18                           | 2.70                          | --                             | --                         | --                | --                | --                      | --                      | --                     | --                     | LPH in well                |
| 03/15/06              | 363.21                  | 57.95                    | 0.01                    | 305.27                           | 6.09                          | --                             | --                         | --                | --                | --                      | --                      | --                     | --                     | LPH in well                |
| 06/28/06              | 363.21                  | 57.33                    | 0.02                    | 305.90                           | 0.63                          | --                             | --                         | --                | --                | --                      | --                      | --                     | --                     | LPH in well                |
| 09/28/06              | 363.21                  | 60.65                    | 0.01                    | 302.57                           | -3.33                         | --                             | --                         | --                | --                | --                      | --                      | --                     | --                     | LPH in well                |
| 12/11/06              | 363.21                  | 56.92                    | 0.02                    | 306.30                           | 3.74                          | --                             | --                         | --                | --                | --                      | --                      | --                     | --                     | LPH in well                |
| 03/19/07              | 363.21                  | 52.37                    | 0.00                    | 310.84                           | 4.54                          | --                             | 16000                      | 620               | 31                | 330                     | 320                     | --                     | 1600                   |                            |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2009**  
**76 Station 7376**

| Date Sampled                                     | TOC Elevation<br>(feet) | Depth to Water<br>(feet) | LPH Thickness<br>(feet) | Ground-water Elevation<br>(feet) | Change in Elevation<br>(feet) | TPH-G 8015<br>(Luft)<br>(µg/l) | TPH-G<br>(GC/MS)<br>(µg/l) | Benzene<br>(µg/l) | Toluene<br>(µg/l) | Ethyl-<br>benzene<br>(µg/l) | Total<br>Xylenes<br>(µg/l) | MTBE<br>(8021B)<br>(µg/l) | MTBE<br>(8260B)<br>(µg/l) | Comments         |
|--------------------------------------------------|-------------------------|--------------------------|-------------------------|----------------------------------|-------------------------------|--------------------------------|----------------------------|-------------------|-------------------|-----------------------------|----------------------------|---------------------------|---------------------------|------------------|
| <b>MW-5 continued</b>                            |                         |                          |                         |                                  |                               |                                |                            |                   |                   |                             |                            |                           |                           |                  |
| 06/15/07                                         | 363.21                  | 55.70                    | 0.00                    | 307.51                           | -3.33                         | --                             | 13000                      | 1400              | 37                | 430                         | 180                        | --                        | 4400                      |                  |
| 09/24/07                                         | 363.21                  | 61.14                    | 0.00                    | 302.07                           | -5.44                         | --                             | 17000                      | 1500              | 34                | 490                         | 130                        | --                        | 4000                      |                  |
| 12/27/07                                         | 363.21                  | 54.95                    | 0.00                    | 308.26                           | 6.19                          | --                             | 6500                       | 1100              | 31                | 300                         | 110                        | --                        | 1400                      |                  |
| 03/25/08                                         | 363.21                  | 52.33                    | 0.00                    | 310.88                           | 2.62                          | --                             | 14000                      | 950               | 20                | 310                         | 76                         | --                        | 2600                      |                  |
| 06/06/08                                         | 363.21                  | 54.12                    | 0.00                    | 309.09                           | -1.79                         | --                             | 14000                      | 1800              | 27                | 380                         | 92                         | --                        | 4900                      |                  |
| 09/05/08                                         | 363.21                  | 62.72                    | 0.00                    | 300.49                           | -8.60                         | --                             | 13000                      | 1800              | 40                | 470                         | 130                        | --                        | 3700                      |                  |
| 12/08/08                                         | 363.21                  | 64.14                    | 0.00                    | 299.07                           | -1.42                         | --                             | 14000                      | 3000              | 70                | 560                         | 160                        | --                        | 3800                      |                  |
| 03/26/09                                         | 363.21                  | 58.55                    | 0.00                    | 304.66                           | 5.59                          | --                             | 19000                      | 2700              | 57                | 630                         | 170                        | --                        | 2700                      |                  |
| <b>MW-6 (Screen Interval in feet: 68.0-88.0)</b> |                         |                          |                         |                                  |                               |                                |                            |                   |                   |                             |                            |                           |                           |                  |
| 09/18/96                                         | 363.12                  | 79.07                    | 0.00                    | 284.05                           | --                            | 160                            | --                         | 5.4               | ND                | ND                          | ND                         | ND                        | --                        |                  |
| 12/21/96                                         | 363.12                  | 75.40                    | 0.00                    | 287.72                           | 3.67                          | 300                            | --                         | 96                | 1.3               | ND                          | 1.7                        | 21                        | --                        |                  |
| 03/07/97                                         | 363.12                  | 67.61                    | 0.00                    | 295.51                           | 7.79                          | 1800                           | --                         | 920               | 18                | ND                          | 31                         | 290                       | --                        |                  |
| 06/27/97                                         | 363.12                  | 80.45                    | 0.00                    | 282.67                           | -12.84                        | ND                             | --                         | 0.73              | ND                | ND                          | 38                         | 38                        | --                        |                  |
| 09/29/97                                         | 363.12                  | 86.02                    | 0.00                    | 277.10                           | -5.57                         | 62                             | --                         | ND                | ND                | ND                          | ND                         | 43                        | --                        |                  |
| 12/15/97                                         | 363.12                  | 84.03                    | 0.00                    | 279.09                           | 1.99                          | 78                             | --                         | ND                | ND                | ND                          | ND                         | 39                        | --                        |                  |
| 03/16/98                                         | 363.12                  | 67.15                    | 0.00                    | 295.97                           | 16.88                         | 210                            | --                         | 36                | 2.5               | ND                          | 3.0                        | 64                        | --                        |                  |
| 06/26/98                                         | 363.13                  | 75.71                    | 0.00                    | 287.42                           | -8.55                         | 530                            | --                         | 300               | 8.3               | 2.8                         | 8.7                        | 81                        | --                        |                  |
| 08/18/98                                         | 363.13                  | 74.86                    | 0.00                    | 288.27                           | 0.85                          | --                             | --                         | --                | --                | --                          | --                         | --                        | --                        |                  |
| 09/22/98                                         | 363.13                  | --                       | --                      | --                               | --                            | --                             | --                         | --                | --                | --                          | --                         | --                        | --                        | Unable to locate |
| 12/15/98                                         | 363.13                  | --                       | --                      | --                               | --                            | --                             | --                         | --                | --                | --                          | --                         | --                        | --                        | Unable to locate |
| 12/23/98                                         | 363.13                  | 80.80                    | 0.00                    | 282.33                           | --                            | 120                            | --                         | 1.1               | ND                | ND                          | 0.78                       | 25                        | --                        |                  |
| 01/23/99                                         | 363.13                  | 80.68                    | 0.00                    | 282.45                           | 0.12                          | ND                             | --                         | --                | --                | --                          | --                         | --                        | --                        |                  |
| 03/15/99                                         | 363.13                  | 75.29                    | 0.00                    | 287.84                           | 5.39                          | 62                             | --                         | 1.4               | ND                | ND                          | ND                         | 23                        | --                        |                  |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2009**  
**76 Station 7376**

| Date Sampled          | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G 8015 (Luft) (µg/l) | TPH-G (GC/MS) (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE (8021B) (µg/l) | MTBE (8260B) (µg/l) | Comments                   |
|-----------------------|----------------------|-----------------------|----------------------|-------------------------------|----------------------------|--------------------------|----------------------|----------------|----------------|----------------------|----------------------|---------------------|---------------------|----------------------------|
| <b>MW-6 continued</b> |                      |                       |                      |                               |                            |                          |                      |                |                |                      |                      |                     |                     |                            |
| 03/23/99              | 363.13               | 75.03                 | 0.00                 | 288.10                        | 0.26                       | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  |                            |
| 06/07/99              | 363.13               | 82.27                 | 0.00                 | 280.86                        | -7.24                      | ND                       | --                   | ND             | ND             | ND                   | ND                   | 18                  | --                  |                            |
| 09/03/99              | 363.13               | 87.49                 | 0.00                 | 275.64                        | -5.22                      | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well                   |
| 12/06/99              | 363.13               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well                   |
| 03/10/00              | 363.13               | 85.61                 | 0.00                 | 277.52                        | --                         | ND                       | --                   | ND             | ND             | ND                   | ND                   | 64                  | --                  |                            |
| 06/08/00              | 363.13               | 87.36                 | 0.00                 | 275.77                        | -1.75                      | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well                   |
| 09/25/00              | 363.13               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well                   |
| 12/19/00              | 363.13               | 87.73                 | --                   | 275.40                        | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well                   |
| 03/05/01              | 363.13               | 87.82                 | --                   | 275.31                        | -0.09                      | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well                   |
| 06/14/01              | 363.13               | 87.69                 | 0.00                 | 275.44                        | 0.13                       | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well                   |
| 09/17/01              | 363.13               | 87.70                 | 0.00                 | 275.43                        | -0.01                      | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well                   |
| 09/25/01              | 363.13               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well                   |
| 12/17/01              | 363.13               | 87.74                 | 0.00                 | 275.39                        | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well                   |
| 03/15/02              | 363.13               | 87.72                 | 0.00                 | 275.41                        | 0.02                       | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well                   |
| 06/20/02              | 363.13               | 87.79                 | 0.00                 | 275.34                        | -0.07                      | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well                   |
| 09/27/02              | 363.13               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well                   |
| 12/30/02              | 363.13               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well                   |
| 03/26/03              | 363.13               | 87.67                 | 0.00                 | 275.46                        | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well                   |
| 06/10/03              | 363.13               | 87.13                 | 0.00                 | 276.00                        | 0.54                       | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well                   |
| 09/09/03              | 363.13               | 87.29                 | 0.00                 | 275.84                        | -0.16                      | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Not enough water to sample |
| 12/10/03              | 363.13               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well                   |
| 03/09/04              | 363.13               | 83.53                 | 0.00                 | 279.60                        | --                         | --                       | ND<50                | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 37                  |                            |
| 06/21/04              | 363.13               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well                   |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2009**  
**76 Station 7376**

| Date Sampled                                     | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G 8015 (Luft) (µg/l) | TPH-G (GC/MS) (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE (8021B) (µg/l) | MTBE (8260B) (µg/l) | Comments                             |
|--------------------------------------------------|----------------------|-----------------------|----------------------|-------------------------------|----------------------------|--------------------------|----------------------|----------------|----------------|----------------------|----------------------|---------------------|---------------------|--------------------------------------|
| <b>MW-6 continued</b>                            |                      |                       |                      |                               |                            |                          |                      |                |                |                      |                      |                     |                     |                                      |
| 09/08/04                                         | 363.13               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well                             |
| 12/14/04                                         | 363.13               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well                             |
| 03/17/05                                         | 363.13               | 77.58                 | 0.00                 | 285.55                        | --                         | --                       | 79                   | 0.67           | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 23                  |                                      |
| 06/15/05                                         | 363.13               | 74.44                 | 0.00                 | 288.69                        | 3.14                       | --                       | ND<50                | 0.51           | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 18                  |                                      |
| 09/20/05                                         | --                   | 81.92                 | 0.00                 | --                            | --                         | --                       | ND<50                | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 13                  | Casing elevation modified on 6/22/05 |
| 12/29/05                                         | --                   | 67.19                 | 0.00                 | --                            | --                         | --                       | 53                   | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 29                  |                                      |
| 03/15/06                                         | --                   | 61.88                 | 0.00                 | --                            | --                         | --                       | ND<50                | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 27                  |                                      |
| 06/28/06                                         | --                   | 62.52                 | 0.00                 | --                            | --                         | --                       | ND<50                | 2.0            | 0.74           | 0.73                 | 1.4                  | --                  | 12                  |                                      |
| 09/28/06                                         | --                   | 66.54                 | 0.00                 | --                            | --                         | --                       | 82                   | 0.58           | ND<0.50        | ND<0.50              | ND<0.50              | --                  | 9.7                 |                                      |
| 12/11/06                                         | --                   | 59.64                 | 0.00                 | --                            | --                         | --                       | 59                   | ND<0.50        | ND<0.50        | ND<0.50              | ND<0.50              | --                  | 11                  |                                      |
| 03/19/07                                         | --                   | 53.75                 | 0.00                 | --                            | --                         | --                       | ND<50                | 1.1            | ND<0.50        | ND<0.50              | ND<0.50              | --                  | 22                  |                                      |
| 06/15/07                                         | --                   | 63.00                 | 0.00                 | --                            | --                         | --                       | 82                   | ND<0.50        | ND<0.50        | ND<0.50              | ND<0.50              | --                  | 13                  |                                      |
| 09/24/07                                         | --                   | 66.10                 | 0.00                 | --                            | --                         | --                       | 110                  | ND<0.50        | 1.2            | ND<0.50              | 0.85                 | --                  | 8.8                 |                                      |
| 12/27/07                                         | --                   | 56.75                 | 0.00                 | --                            | --                         | --                       | ND<50                | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 8.4                 |                                      |
| 03/25/08                                         | --                   | 57.16                 | 0.00                 | --                            | --                         | --                       | ND<50                | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 3.6                 |                                      |
| 06/06/08                                         | --                   | 57.50                 | 0.00                 | --                            | --                         | --                       | ND<50                | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 6.3                 |                                      |
| 09/05/08                                         | --                   | 69.45                 | 0.00                 | --                            | --                         | --                       | 230                  | 0.92           | ND<0.50        | ND<0.50              | 1.2                  | --                  | 13                  |                                      |
| 12/08/08                                         | --                   | 67.95                 | 0.00                 | --                            | --                         | --                       | ND<50                | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 9.2                 |                                      |
| 03/26/09                                         | --                   | 60.20                 | 0.00                 | --                            | --                         | --                       | ND<50                | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 3.2                 |                                      |
| <b>MW-7 (Screen Interval in feet: 55.0-75.0)</b> |                      |                       |                      |                               |                            |                          |                      |                |                |                      |                      |                     |                     |                                      |
| 06/26/98                                         | 355.97               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  |                                      |
| 08/18/98                                         | 355.97               | 68.75                 | 0.00                 | 287.22                        | --                         | 4000                     | --                   | 1900           | 48             | 160                  | ND                   | 1700                | --                  |                                      |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2009**  
**76 Station 7376**

| Date Sampled          | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G 8015 (Luft) (µg/l) | TPH-G (GC/MS) (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE (8021B) (µg/l) | MTBE (8260B) (µg/l) | Comments |
|-----------------------|----------------------|-----------------------|----------------------|-------------------------------|----------------------------|--------------------------|----------------------|----------------|----------------|----------------------|----------------------|---------------------|---------------------|----------|
| <b>MW-7 continued</b> |                      |                       |                      |                               |                            |                          |                      |                |                |                      |                      |                     |                     |          |
| 09/22/98              | 355.97               | 66.35                 | 0.00                 | 289.62                        | 2.40                       | 3200                     | --                   | 1100           | ND             | 22                   | ND                   | 1500                | --                  |          |
| 12/15/98              | 355.97               | 65.03                 | 0.00                 | 290.94                        | 1.32                       | 1900                     | --                   | 180            | 2.7            | 2.9                  | 3.8                  | 1400                | --                  |          |
| 12/23/98              | 355.97               | 64.82                 | 0.00                 | 291.15                        | 0.21                       | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  |          |
| 03/15/99              | 355.97               | 60.44                 | 0.00                 | 295.53                        | 4.38                       | 2700                     | --                   | 1100           | ND             | 30                   | 16                   | 1400                | 970                 |          |
| 03/23/99              | 355.97               | 60.43                 | 0.00                 | 295.54                        | 0.01                       | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  |          |
| 06/07/99              | 355.97               | 64.48                 | 0.00                 | 291.49                        | -4.05                      | 2600                     | --                   | 180            | 21             | ND                   | 13                   | 1200                | --                  |          |
| 09/03/99              | 355.97               | 69.98                 | 0.00                 | 285.99                        | -5.50                      | 870                      | --                   | 69             | ND             | ND                   | ND                   | 1100                | 872                 |          |
| 12/06/99              | 355.97               | 70.18                 | 0.00                 | 285.79                        | -0.20                      | 1900                     | --                   | 350            | ND             | ND                   | ND                   | 1100                | --                  |          |
| 03/10/00              | 355.97               | 67.36                 | 0.00                 | 288.61                        | 2.82                       | 2900                     | --                   | 1600           | ND             | 40                   | 54                   | 1100                | --                  |          |
| 06/08/00              | 355.97               | 69.81                 | 0.00                 | 286.16                        | -2.45                      | 625                      | --                   | 30.8           | ND             | 0.761                | 0.940                | 1290                | --                  |          |
| 09/25/00              | 355.97               | 70.15                 | 0.00                 | 285.82                        | -0.34                      | 2180                     | --                   | 423            | ND             | ND                   | ND                   | 1510                | --                  |          |
| 12/19/00              | 355.97               | 70.11                 | 0.00                 | 285.86                        | 0.04                       | 5900                     | --                   | 1000           | ND             | ND                   | ND                   | 1300                | --                  |          |
| 03/05/01              | 355.97               | 68.72                 | 0.00                 | 287.25                        | 1.39                       | 13200                    | --                   | 5070           | 195            | 306                  | 385                  | 1530                | --                  |          |
| 06/14/01              | 355.97               | 70.00                 | 0.00                 | 285.97                        | -1.28                      | 6400                     | --                   | 3300           | 85             | 96                   | 170                  | 1000                | --                  |          |
| 09/17/01              | 355.97               | 70.28                 | 0.00                 | 285.69                        | -0.28                      | 11000                    | --                   | 3000           | ND<50          | ND<50                | ND<50                | 750                 | --                  |          |
| 09/25/01              | 355.97               | 70.49                 | 0.00                 | 285.48                        | -0.21                      | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  |          |
| 12/17/01              | 355.97               | 71.35                 | 0.00                 | 284.62                        | -0.86                      | 5800                     | --                   | 1100           | ND<10          | ND<10                | ND<10                | 760                 | 670                 |          |
| 03/15/02              | 355.97               | 68.56                 | 0.00                 | 287.41                        | 2.79                       | 2800                     | --                   | 850            | 22             | 74                   | 39                   | 360                 | 540                 |          |
| 06/20/02              | 355.97               | 70.01                 | 0.00                 | 285.96                        | -1.45                      | --                       | 9900                 | 3200           | 23             | 41                   | ND<40                | --                  | 390                 |          |
| 09/27/02              | 355.97               | 71.50                 | 0.00                 | 284.47                        | -1.49                      | --                       | 4200                 | 710            | ND<10          | ND<10                | ND<20                | --                  | 610                 |          |
| 12/30/02              | 355.97               | 71.25                 | 0.00                 | 284.72                        | 0.25                       | --                       | 2400                 | 620            | ND<2.5         | 20                   | 53                   | --                  | 500                 |          |
| 03/26/03              | 355.97               | 68.79                 | 0.00                 | 287.18                        | 2.46                       | --                       | 5300                 | 1800           | ND<10          | 13                   | ND<20                | --                  | 270                 |          |
| 06/10/03              | 355.97               | 69.10                 | 0.00                 | 286.87                        | -0.31                      | --                       | 1300                 | 380            | ND<5.0         | ND<5.0               | ND<10                | --                  | --                  |          |



**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2009**  
**76 Station 7376**

| Date Sampled          | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G 8015 (Luft) (µg/l) | TPH-G (GC/MS) (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE (8021B) (µg/l) | MTBE (8260B) (µg/l) | Comments |
|-----------------------|----------------------|-----------------------|----------------------|-------------------------------|----------------------------|--------------------------|----------------------|----------------|----------------|----------------------|----------------------|---------------------|---------------------|----------|
| <b>MW-7 continued</b> |                      |                       |                      |                               |                            |                          |                      |                |                |                      |                      |                     |                     |          |
| 09/09/03              | 355.97               | 70.04                 | 0.00                 | 285.93                        | -0.94                      | --                       | 1900                 | 240            | ND<2.5         | ND<2.5               | ND<5.0               | --                  | 380                 |          |
| 12/10/03              | 355.97               | 69.98                 | 0.00                 | 285.99                        | 0.06                       | --                       | 4500                 | 500            | ND<5.0         | ND<5.0               | ND<10                | --                  | 340                 |          |
| 03/09/04              | 355.97               | 66.66                 | 0.00                 | 289.31                        | 3.32                       | --                       | 5600                 | 1700           | 11             | 34                   | ND<20                | --                  | 280                 |          |
| 06/21/04              | 355.97               | 67.82                 | 0.00                 | 288.15                        | -1.16                      | --                       | 2300                 | 260            | ND<2.5         | 3.0                  | ND<5.0               | --                  | 300                 |          |
| 09/08/04              | 355.97               | 70.05                 | 0.00                 | 285.92                        | -2.23                      | --                       | 1400                 | 72             | ND<2.5         | ND<2.5               | ND<5.0               | --                  | 440                 |          |
| 12/14/04              | 355.97               | 70.87                 | --                   | 285.10                        | -0.82                      | --                       | 2200                 | 180            | ND<1.0         | 1.8                  | ND<2.0               | --                  | 320                 |          |
| 03/17/05              | 355.97               | 63.69                 | 0.00                 | 292.28                        | 7.18                       | --                       | 5700                 | 1800           | 7.8            | 24                   | 16                   | --                  | 190                 |          |
| 06/15/05              | 355.97               | 59.29                 | 0.00                 | 296.68                        | 4.40                       | --                       | 3900                 | 230            | ND<2.5         | 3.7                  | 8.0                  | --                  | 280                 |          |
| 09/20/05              | 355.97               | 64.38                 | 0.00                 | 291.59                        | -5.09                      | --                       | 1200                 | 5.8            | ND<5.0         | ND<5.0               | ND<10                | --                  | 260                 |          |
| 12/29/05              | 355.97               | 57.43                 | 0.00                 | 298.54                        | 6.95                       | --                       | 450                  | 1.6            | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 140                 |          |
| 03/15/06              | 355.97               | 51.92                 | 0.00                 | 304.05                        | 5.51                       | --                       | 300                  | 1.4            | 0.86           | ND<0.50              | ND<1.0               | --                  | 94                  |          |
| 06/28/06              | 355.97               | 49.47                 | 0.00                 | 306.50                        | 2.45                       | --                       | 770                  | 47             | 2.4            | 2.2                  | 1.3                  | --                  | 510                 |          |
| 09/28/06              | 355.97               | 53.93                 | 0.00                 | 302.04                        | -4.46                      | --                       | 610                  | 13             | 1.1            | 0.82                 | 0.66                 | --                  | 370                 |          |
| 12/11/06              | 355.97               | 49.87                 | 0.00                 | 306.10                        | 4.06                       | --                       | 180                  | 1.2            | ND<0.50        | ND<0.50              | ND<0.50              | --                  | 180                 |          |
| 03/19/07              | 355.97               | 45.28                 | 0.00                 | 310.69                        | 4.59                       | --                       | 200                  | 0.92           | ND<0.50        | ND<0.50              | ND<0.50              | --                  | 98                  |          |
| 06/15/07              | 355.97               | 49.48                 | 0.00                 | 306.49                        | -4.20                      | --                       | 170                  | 1.0            | ND<0.50        | ND<0.50              | 0.60                 | --                  | 72                  |          |
| 09/24/07              | 355.97               | 54.05                 | 0.00                 | 301.92                        | -4.57                      | --                       | 590                  | 1.4            | ND<0.50        | ND<0.50              | ND<0.50              | --                  | 330                 |          |
| 12/27/07              | 355.97               | 47.98                 | 0.00                 | 307.99                        | 6.07                       | --                       | 120                  | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 84                  |          |
| 03/25/08              | 355.97               | 46.00                 | 0.00                 | 309.97                        | 1.98                       | --                       | 92                   | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 74                  |          |
| 06/06/08              | 355.97               | 47.38                 | 0.00                 | 308.59                        | -1.38                      | --                       | 130                  | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 68                  |          |
| 09/05/08              | 355.97               | 57.79                 | 0.00                 | 298.18                        | -10.41                     | --                       | 320                  | 3.4            | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 240                 |          |
| 12/08/08              | 355.97               | 56.98                 | 0.00                 | 298.99                        | 0.81                       | --                       | 270                  | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 100                 |          |
| 03/26/09              | 355.97               | 51.35                 | 0.00                 | 304.62                        | 5.63                       | --                       | 150                  | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 94                  |          |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2009**  
**76 Station 7376**

| Date Sampled                                | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G 8015 (Luft) (µg/l) | TPH-G (GC/MS) (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE (8021B) (µg/l) | MTBE (8260B) (µg/l) | Comments         |
|---------------------------------------------|----------------------|-----------------------|----------------------|-------------------------------|----------------------------|--------------------------|----------------------|----------------|----------------|----------------------|----------------------|---------------------|---------------------|------------------|
| <b>MW-8</b>                                 |                      |                       |                      |                               |                            |                          |                      |                |                |                      |                      |                     |                     |                  |
| <b>(Screen Interval in feet: 66.0-86.0)</b> |                      |                       |                      |                               |                            |                          |                      |                |                |                      |                      |                     |                     |                  |
| 06/26/98                                    | 362.37               | 63.00                 | 0.00                 | 299.37                        | --                         | ND                       | --                   | 6.0            | ND             | ND                   | ND                   | 150                 | --                  |                  |
| 08/18/98                                    | 362.37               | 73.38                 | 0.00                 | 288.99                        | -10.38                     | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  |                  |
| 09/22/98                                    | 362.37               | 70.89                 | 0.00                 | 291.48                        | 2.49                       | ND                       | --                   | ND             | ND             | ND                   | ND                   | 9.5                 | --                  |                  |
| 12/15/98                                    | 362.37               | 70.29                 | 0.00                 | 292.08                        | 0.60                       | ND                       | --                   | ND             | ND             | ND                   | ND                   | 3.0                 | --                  |                  |
| 12/23/98                                    | 362.37               | 70.03                 | 0.00                 | 292.34                        | 0.26                       | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  |                  |
| 03/15/99                                    | 362.37               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Unable to locate |
| 03/23/99                                    | 361.83               | 64.86                 | 0.00                 | 296.97                        | --                         | ND                       | --                   | ND             | 0.77           | ND                   | 0.96                 | 190                 | --                  |                  |
| 06/07/99                                    | 361.83               | 68.30                 | 0.00                 | 293.53                        | -3.44                      | ND                       | --                   | ND             | ND             | ND                   | ND                   | ND                  | --                  |                  |
| 09/03/99                                    | 361.83               | 73.92                 | 0.00                 | 287.91                        | -5.62                      | ND                       | --                   | ND             | 0.57           | ND                   | ND                   | 170                 | 146                 |                  |
| 12/06/99                                    | 361.83               | 74.98                 | 0.00                 | 286.85                        | -1.06                      | ND                       | --                   | ND             | ND             | ND                   | ND                   | 150                 | --                  |                  |
| 03/10/00                                    | 361.83               | 71.54                 | 0.00                 | 290.29                        | 3.44                       | ND                       | --                   | ND             | ND             | ND                   | ND                   | 150                 | --                  |                  |
| 06/08/00                                    | 361.83               | 72.60                 | 0.00                 | 289.23                        | -1.06                      | ND                       | --                   | ND             | ND             | ND                   | ND                   | 42.8                | --                  |                  |
| 09/25/00                                    | 361.83               | 75.31                 | 0.00                 | 286.52                        | -2.71                      | ND                       | --                   | ND             | ND             | ND                   | ND                   | 227                 | --                  |                  |
| 12/19/00                                    | 361.83               | 75.54                 | 0.00                 | 286.29                        | -0.23                      | ND                       | --                   | ND             | ND             | ND                   | ND                   | 160                 | --                  |                  |
| 03/05/01                                    | 361.83               | 75.91                 | 0.00                 | 285.92                        | -0.37                      | ND                       | --                   | ND             | ND             | ND                   | ND                   | 125                 | --                  |                  |
| 06/14/01                                    | 361.83               | 75.51                 | 0.00                 | 286.32                        | 0.40                       | ND                       | --                   | ND             | ND             | ND                   | ND                   | 140                 | --                  |                  |
| 09/17/01                                    | 361.83               | 77.19                 | 0.00                 | 284.64                        | -1.68                      | ND<50                    | --                   | ND<0.50        | ND<0.50        | ND<0.50              | ND<0.50              | 110                 | --                  |                  |
| 09/25/01                                    | 361.83               | 77.17                 | 0.00                 | 284.66                        | 0.02                       | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  |                  |
| 12/17/01                                    | 361.83               | 79.94                 | 0.00                 | 281.89                        | -2.77                      | ND<50                    | --                   | ND<0.50        | ND<0.50        | ND<0.50              | ND<0.50              | 140                 | 170                 |                  |
| 03/15/02                                    | 361.83               | 76.82                 | 0.00                 | 285.01                        | 3.12                       | ND<50                    | --                   | ND<0.50        | ND<0.50        | ND<0.50              | ND<0.50              | 72                  | --                  |                  |
| 06/20/02                                    | 361.83               | 77.73                 | 0.00                 | 284.10                        | -0.91                      | --                       | 83                   | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 80                  |                  |
| 09/27/02                                    | 361.83               | 78.94                 | 0.00                 | 282.89                        | -1.21                      | --                       | 160                  | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 94                  |                  |
| 12/30/02                                    | 361.83               | 78.21                 | 0.00                 | 283.62                        | 0.73                       | --                       | 75                   | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 120                 |                  |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2009**  
**76 Station 7376**

| Date Sampled          | TOC Elevation<br>(feet) | Depth to Water<br>(feet) | LPH Thickness<br>(feet) | Ground-water Elevation<br>(feet) | Change in Elevation<br>(feet) | TPH-G 8015<br>(Luft)<br>(µg/l) | TPH-G<br>(GC/MS)<br>(µg/l) | Benzene<br>(µg/l) | Toluene<br>(µg/l) | Ethyl-benzene<br>(µg/l) | Total Xylenes<br>(µg/l) | MTBE<br>(8021B)<br>(µg/l) | MTBE<br>(8260B)<br>(µg/l) | Comments                             |
|-----------------------|-------------------------|--------------------------|-------------------------|----------------------------------|-------------------------------|--------------------------------|----------------------------|-------------------|-------------------|-------------------------|-------------------------|---------------------------|---------------------------|--------------------------------------|
| <b>MW-8 continued</b> |                         |                          |                         |                                  |                               |                                |                            |                   |                   |                         |                         |                           |                           |                                      |
| 03/26/03              | 361.83                  | 74.34                    | 0.00                    | 287.49                           | 3.87                          | --                             | 110                        | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                        | 110                       |                                      |
| 06/10/03              | 361.83                  | 75.17                    | 0.00                    | 286.66                           | -0.83                         | --                             | ND<50                      | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                        | 31                        |                                      |
| 09/09/03              | 361.83                  | 74.11                    | 0.00                    | 287.72                           | 1.06                          | --                             | ND<50                      | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                        | 150                       |                                      |
| 12/10/03              | 361.83                  | 73.59                    | 0.00                    | 288.24                           | 0.52                          | --                             | 150                        | ND<1.0            | ND<1.0            | ND<1.0                  | ND<2.0                  | --                        | 180                       |                                      |
| 03/09/04              | 361.83                  | 70.32                    | 0.00                    | 291.51                           | 3.27                          | --                             | 130                        | ND<1.0            | ND<1.0            | ND<1.0                  | ND<2.0                  | --                        | 180                       |                                      |
| 06/21/04              | 361.83                  | 70.30                    | 0.00                    | 291.53                           | 0.02                          | --                             | 150                        | ND<1.0            | ND<1.0            | ND<1.0                  | ND<2.0                  | --                        | 200                       |                                      |
| 09/08/04              | 361.83                  | 73.83                    | 0.00                    | 288.00                           | -3.53                         | --                             | 300                        | ND<1.0            | ND<1.0            | ND<1.0                  | ND<2.0                  | --                        | 350                       |                                      |
| 12/14/04              | 361.83                  | 75.45                    | 0.00                    | 286.38                           | -1.62                         | --                             | ND<100                     | ND<1.0            | ND<1.0            | ND<1.0                  | ND<2.0                  | --                        | 210                       |                                      |
| 03/17/05              | 361.83                  | 67.85                    | 0.00                    | 293.98                           | 7.60                          | --                             | ND<50                      | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                        | 290                       |                                      |
| 06/15/05              | 361.83                  | 62.74                    | 0.00                    | 299.09                           | 5.11                          | --                             | ND<200                     | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                        | 290                       |                                      |
| 09/20/05              | --                      | 68.11                    | 0.00                    | --                               | --                            | --                             | 180                        | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                        | 310                       | Casing elevation modified on 6/22/05 |
| 12/29/05              | --                      | 62.32                    | 0.00                    | --                               | --                            | --                             | 210                        | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                        | 390                       |                                      |
| 03/15/06              | --                      | 56.89                    | 0.00                    | --                               | --                            | --                             | 140                        | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                        | 310                       |                                      |
| 06/28/06              | --                      | 54.53                    | 0.00                    | --                               | --                            | --                             | 190                        | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                        | 550                       |                                      |
| 09/28/06              | --                      | 59.02                    | 0.00                    | --                               | --                            | --                             | 210                        | ND<0.50           | ND<0.50           | ND<0.50                 | ND<0.50                 | --                        | 460                       |                                      |
| 12/11/06              | --                      | 55.02                    | 0.00                    | --                               | --                            | --                             | 260                        | ND<0.50           | ND<0.50           | ND<0.50                 | ND<0.50                 | --                        | 580                       |                                      |
| 03/19/07              | --                      | 51.00                    | 0.00                    | --                               | --                            | --                             | 340                        | ND<0.50           | ND<0.50           | ND<0.50                 | ND<0.50                 | --                        | 480                       |                                      |
| 06/15/07              | --                      | 54.60                    | 0.00                    | --                               | --                            | --                             | 350                        | ND<0.50           | ND<0.50           | ND<0.50                 | ND<0.50                 | --                        | 540                       |                                      |
| 09/24/07              | --                      | 58.59                    | 0.00                    | --                               | --                            | --                             | 420                        | ND<0.50           | ND<0.50           | ND<0.50                 | ND<0.50                 | --                        | 590                       |                                      |
| 12/27/07              | --                      | 53.40                    | 0.00                    | --                               | --                            | --                             | 240                        | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                        | 510                       |                                      |
| 03/25/08              | --                      | 50.96                    | 0.00                    | --                               | --                            | --                             | 65                         | ND<0.50           | 0.58              | ND<0.50                 | 1.1                     | --                        | 82                        |                                      |
| 06/06/08              | --                      | 52.66                    | 0.00                    | --                               | --                            | --                             | 400                        | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                        | 550                       |                                      |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2009**  
**76 Station 7376**

| Date Sampled                              | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G 8015 (Luft) (µg/l) | TPH-G (GC/MS) (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE (8021B) (µg/l) | MTBE (8260B) (µg/l) | Comments |
|-------------------------------------------|----------------------|-----------------------|----------------------|-------------------------------|----------------------------|--------------------------|----------------------|----------------|----------------|----------------------|----------------------|---------------------|---------------------|----------|
| <b>MW-8 continued</b>                     |                      |                       |                      |                               |                            |                          |                      |                |                |                      |                      |                     |                     |          |
| 09/05/08                                  | --                   | 60.90                 | 0.00                 | --                            | --                         | --                       | 240                  | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 590                 |          |
| 12/08/08                                  | --                   | 62.46                 | 0.00                 | --                            | --                         | --                       | 330                  | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 640                 |          |
| 03/26/09                                  | --                   | 56.72                 | 0.00                 | --                            | --                         | --                       | 120                  | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 510                 |          |
| <b>MW-9 (Screen Interval in feet: --)</b> |                      |                       |                      |                               |                            |                          |                      |                |                |                      |                      |                     |                     |          |
| 11/29/99                                  | 354.85               | 74.50                 | 0.00                 | 280.35                        | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | --       |
| 12/06/99                                  | 354.85               | 74.35                 | 0.00                 | 280.50                        | 0.15                       | ND                       | --                   | ND             | ND             | ND                   | ND                   | 3.0                 | 2.7                 |          |
| 03/10/00                                  | 354.85               | 65.94                 | 0.00                 | 288.91                        | 8.41                       | ND                       | --                   | ND             | ND             | ND                   | ND                   | 2.5                 | --                  |          |
| 06/08/00                                  | 354.85               | 70.77                 | 0.00                 | 284.08                        | -4.83                      | ND                       | --                   | ND             | ND             | ND                   | ND                   | ND                  | --                  |          |
| 09/25/00                                  | 354.85               | 74.75                 | 0.00                 | 280.10                        | -3.98                      | ND                       | --                   | ND             | 0.516          | ND                   | ND                   | 10.5                | --                  |          |
| 12/19/00                                  | 354.85               | 74.43                 | 0.00                 | 280.42                        | 0.32                       | ND                       | --                   | ND             | ND             | ND                   | ND                   | ND                  | --                  |          |
| 03/05/01                                  | 354.85               | 74.63                 | 0.00                 | 280.22                        | -0.20                      | ND                       | --                   | ND             | ND             | ND                   | ND                   | ND                  | --                  |          |
| 06/14/01                                  | 354.85               | 74.75                 | 0.00                 | 280.10                        | -0.12                      | ND                       | --                   | ND             | ND             | ND                   | ND                   | ND                  | --                  |          |
| 09/17/01                                  | 354.85               | 74.78                 | 0.00                 | 280.07                        | -0.03                      | ND<50                    | --                   | ND<0.50        | ND<0.50        | ND<0.50              | ND<0.50              | ND<2.5              | --                  |          |
| 09/25/01                                  | 354.85               | 74.83                 | 0.00                 | 280.02                        | -0.05                      | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  |          |
| 12/17/01                                  | 354.85               | 74.80                 | 0.00                 | 280.05                        | 0.03                       | ND<50                    | --                   | ND<0.50        | ND<0.50        | ND<0.50              | ND<0.50              | ND<5.0              | ND<1.0              |          |
| 03/15/02                                  | 354.85               | 74.83                 | 0.00                 | 280.02                        | -0.03                      | ND<50                    | --                   | ND<0.50        | ND<0.50        | ND<0.50              | ND<0.50              | ND<2.5              | --                  |          |
| 06/20/02                                  | 354.85               | 74.88                 | 0.00                 | 279.97                        | -0.05                      | --                       | ND<50                | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 0.75                |          |
| 09/27/02                                  | 354.85               | 75.38                 | 0.00                 | 279.47                        | -0.50                      | --                       | ND<50                | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 3.6                 |          |
| 12/30/02                                  | 354.85               | 73.33                 | 0.00                 | 281.52                        | 2.05                       | --                       | ND<50                | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 3.2                 |          |
| 03/26/03                                  | 354.85               | 71.21                 | 0.00                 | 283.64                        | 2.12                       | --                       | ND<50                | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 3.1                 |          |
| 06/10/03                                  | 354.85               | 71.83                 | 0.00                 | 283.02                        | -0.62                      | --                       | ND<50                | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | ND<2.0              |          |
| 09/09/03                                  | 362.62               | 71.85                 | 0.00                 | 290.77                        | 7.75                       | --                       | ND<50                | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | ND<2.0              |          |
| 12/10/03                                  | 362.62               | 69.50                 | 0.00                 | 293.12                        | 2.35                       | --                       | ND<50                | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | ND<2.0              |          |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2009**  
**76 Station 7376**

| Date Sampled                               | TOC Elevation<br>(feet) | Depth to Water<br>(feet) | LPH Thickness<br>(feet) | Ground-water Elevation<br>(feet) | Change in Elevation<br>(feet) | TPH-G 8015<br>(Luft)<br>(µg/l) | TPH-G   |                   |                   |                         |         | Total Xylenes<br>(µg/l) | MTBE (8021B)<br>(µg/l) | MTBE (8260B)<br>(µg/l) | Comments |  |
|--------------------------------------------|-------------------------|--------------------------|-------------------------|----------------------------------|-------------------------------|--------------------------------|---------|-------------------|-------------------|-------------------------|---------|-------------------------|------------------------|------------------------|----------|--|
|                                            |                         |                          |                         |                                  |                               |                                | (GC/MS) | Benzene<br>(µg/l) | Toluene<br>(µg/l) | Ethyl-benzene<br>(µg/l) |         |                         |                        |                        |          |  |
| <b>MW-9 continued</b>                      |                         |                          |                         |                                  |                               |                                |         |                   |                   |                         |         |                         |                        |                        |          |  |
| 03/09/04                                   | 362.62                  | 65.24                    | 0.00                    | 297.38                           | 4.26                          | --                             | ND<50   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0  | --                      | ND<2.0                 |                        |          |  |
| 06/21/04                                   | 362.62                  | 66.52                    | 0.00                    | 296.10                           | -1.28                         | --                             | ND<50   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0  | --                      | ND<0.50                |                        |          |  |
| 09/08/04                                   | 362.62                  | 71.36                    | 0.00                    | 291.26                           | -4.84                         | --                             | ND<50   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0  | --                      | ND<0.50                |                        |          |  |
| 12/14/04                                   | 362.62                  | 71.73                    | 0.00                    | 290.89                           | -0.37                         | --                             | ND<50   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0  | --                      | ND<0.50                |                        |          |  |
| 03/17/05                                   | 362.62                  | 60.42                    | 0.00                    | 302.20                           | 11.31                         | --                             | ND<50   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0  | --                      | ND<0.50                |                        |          |  |
| 06/15/05                                   | 362.62                  | 57.63                    | 0.00                    | 304.99                           | 2.79                          | --                             | ND<50   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0  | --                      | ND<0.50                |                        |          |  |
| 09/20/05                                   | 362.62                  | 62.99                    | 0.00                    | 299.63                           | -5.36                         | --                             | ND<50   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0  | --                      | 0.55                   |                        |          |  |
| 12/29/05                                   | 362.62                  | 55.38                    | 0.00                    | 307.24                           | 7.61                          | --                             | ND<50   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0  | --                      | ND<0.50                |                        |          |  |
| 03/15/06                                   | 362.62                  | 50.12                    | 0.00                    | 312.50                           | 5.26                          | --                             | ND<50   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0  | --                      | 0.68                   |                        |          |  |
| 06/28/06                                   | 362.62                  | 47.93                    | 0.00                    | 314.69                           | 2.19                          | --                             | ND<50   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0  | --                      | ND<0.50                |                        |          |  |
| 09/28/06                                   | 362.62                  | 52.33                    | 0.00                    | 310.29                           | -4.40                         | --                             | ND<50   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<0.50 | --                      | 1.1                    |                        |          |  |
| 12/11/06                                   | 362.62                  | 48.26                    | 0.00                    | 314.36                           | 4.07                          | --                             | ND<50   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<0.50 | --                      | 0.61                   |                        |          |  |
| 03/19/07                                   | 362.62                  | 43.68                    | 0.00                    | 318.94                           | 4.58                          | --                             | ND<50   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<0.50 | --                      | ND<0.50                |                        |          |  |
| 06/15/07                                   | 362.62                  | 48.35                    | 0.00                    | 314.27                           | -4.67                         | --                             | ND<50   | ND<0.50           | 0.50              | ND<0.50                 | 0.74    | --                      | 0.59                   |                        |          |  |
| 09/24/07                                   | 362.62                  | 52.52                    | 0.00                    | 310.10                           | -4.17                         | --                             | ND<50   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<0.50 | --                      | ND<0.50                |                        |          |  |
| 12/27/07                                   | 362.62                  | 46.26                    | 0.00                    | 316.36                           | 6.26                          | --                             | ND<50   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0  | --                      | 0.56                   |                        |          |  |
| 03/25/08                                   | 362.62                  | 44.83                    | 0.00                    | 317.79                           | 1.43                          | --                             | ND<50   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0  | --                      | 0.99                   |                        |          |  |
| 06/06/08                                   | 362.62                  | 45.88                    | 0.00                    | 316.74                           | -1.05                         | --                             | ND<50   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0  | --                      | ND<0.50                |                        |          |  |
| 09/05/08                                   | 362.62                  | 54.63                    | 0.00                    | 307.99                           | -8.75                         | --                             | ND<50   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0  | --                      | ND<0.50                |                        |          |  |
| 12/08/08                                   | 362.62                  | 55.44                    | 0.00                    | 307.18                           | -0.81                         | --                             | ND<50   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0  | --                      | ND<0.50                |                        |          |  |
| 03/26/09                                   | 362.62                  | 49.68                    | 0.00                    | 312.94                           | 5.76                          | --                             | ND<50   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0  | --                      | ND<0.50                |                        |          |  |
| <b>MW-10 (Screen Interval in feet: --)</b> |                         |                          |                         |                                  |                               |                                |         |                   |                   |                         |         |                         |                        |                        |          |  |
| 11/29/99                                   | 362.62                  | --                       | --                      | --                               | --                            | --                             | --      | --                | --                | --                      | --      | --                      | --                     | --                     |          |  |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2009**  
**76 Station 7376**

| Date Sampled           | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G 8015 (Luft) (µg/l) | TPH-G (GC/MS) (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE (8021B) (µg/l) | MTBE (8260B) (µg/l) | Comments              |
|------------------------|----------------------|-----------------------|----------------------|-------------------------------|----------------------------|--------------------------|----------------------|----------------|----------------|----------------------|----------------------|---------------------|---------------------|-----------------------|
| <b>MW-10 continued</b> |                      |                       |                      |                               |                            |                          |                      |                |                |                      |                      |                     |                     |                       |
| 12/06/99               | 362.62               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well              |
| 03/10/00               | 362.62               | 85.04                 | 0.00                 | 277.58                        | --                         | ND                       | --                   | ND             | ND             | ND                   | ND                   | 130                 | 150                 |                       |
| 06/08/00               | 362.62               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well              |
| 09/25/00               | 362.62               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well              |
| 12/19/00               | 362.62               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well              |
| 03/05/01               | 362.62               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well              |
| 06/14/01               | 362.62               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well              |
| 09/17/01               | 362.62               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well              |
| 09/25/01               | 362.62               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well              |
| 12/17/01               | 362.62               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well              |
| 03/15/02               | 362.62               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well              |
| 06/20/02               | 362.62               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well              |
| 09/27/02               | 362.62               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well              |
| 12/30/02               | 362.62               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well              |
| 03/26/03               | 362.62               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well              |
| 06/10/03               | 362.62               | 89.70                 | 0.00                 | 272.92                        | --                         | --                       | ND<50                | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 24                  |                       |
| 09/09/03               | 362.62               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well              |
| 12/10/03               | 362.62               | 92.09                 | 0.00                 | 270.53                        | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Insufficient recharge |
| 03/09/04               | 362.62               | 83.15                 | 0.00                 | 279.47                        | 8.94                       | --                       | 130                  | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 130                 |                       |
| 06/21/04               | 362.62               | 86.86                 | 0.00                 | 275.76                        | -3.71                      | --                       | 420                  | ND<2.5         | ND<2.5         | ND<2.5               | ND<5.0               | --                  | 490                 |                       |
| 09/08/04               | 362.62               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well              |
| 12/14/04               | 362.62               | --                    | --                   | --                            | --                         | --                       | --                   | --             | --             | --                   | --                   | --                  | --                  | Dry well              |
| 03/17/05               | 362.62               | 77.07                 | 0.00                 | 285.55                        | --                         | --                       | ND<50                | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 65                  |                       |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2009**  
**76 Station 7376**

| Date Sampled                               | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G 8015 (Luft) (µg/l) | TPH-G (GC/MS) (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE (8021B) (µg/l) | MTBE (8260B) (µg/l) | Comments |
|--------------------------------------------|----------------------|-----------------------|----------------------|-------------------------------|----------------------------|--------------------------|----------------------|----------------|----------------|----------------------|----------------------|---------------------|---------------------|----------|
| <b>MW-10 continued</b>                     |                      |                       |                      |                               |                            |                          |                      |                |                |                      |                      |                     |                     |          |
| 06/15/05                                   | 362.62               | 74.04                 | 0.00                 | 288.58                        | 3.03                       | --                       | ND<50                | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 77                  |          |
| 09/20/05                                   | 362.62               | 81.08                 | 0.00                 | 281.54                        | -7.04                      | --                       | 120                  | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 210                 |          |
| 12/29/05                                   | 362.62               | 66.31                 | 0.00                 | 296.31                        | 14.77                      | --                       | 51                   | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 84                  |          |
| 03/15/06                                   | 362.62               | 61.26                 | 0.00                 | 301.36                        | 5.05                       | --                       | ND<50                | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 91                  |          |
| 06/28/06                                   | 362.62               | 61.88                 | 0.00                 | 300.74                        | -0.62                      | --                       | 60                   | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 140                 |          |
| 09/28/06                                   | 362.62               | 65.76                 | 0.00                 | 296.86                        | -3.88                      | --                       | ND<50                | ND<0.50        | ND<0.50        | ND<0.50              | 0.77                 | --                  | 53                  |          |
| 12/11/06                                   | 362.62               | 58.96                 | 0.00                 | 303.66                        | 6.80                       | --                       | 85                   | ND<0.50        | ND<0.50        | ND<0.50              | ND<0.50              | --                  | 83                  |          |
| 03/19/07                                   | 362.62               | 53.02                 | 0.00                 | 309.60                        | 5.94                       | --                       | 78                   | ND<0.50        | ND<0.50        | ND<0.50              | ND<0.50              | --                  | 100                 |          |
| 06/15/07                                   | 362.62               | 62.50                 | 0.00                 | 300.12                        | -9.48                      | --                       | 68                   | ND<0.50        | ND<0.50        | ND<0.50              | ND<0.50              | --                  | 96                  |          |
| 09/24/07                                   | 362.62               | 65.30                 | 0.00                 | 297.32                        | -2.80                      | --                       | 86                   | ND<0.50        | ND<0.50        | ND<0.50              | ND<0.50              | --                  | 76                  |          |
| 12/27/07                                   | 362.62               | 55.95                 | 0.00                 | 306.67                        | 9.35                       | --                       | 63                   | ND<0.50        | 1.3            | ND<0.50              | 1.6                  | --                  | 81                  |          |
| 03/25/08                                   | 362.62               | 56.59                 | 0.00                 | 306.03                        | -0.64                      | --                       | 61                   | 0.75           | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 78                  |          |
| 06/06/08                                   | 362.62               | 56.76                 | 0.00                 | 305.86                        | -0.17                      | --                       | ND<50                | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 24                  |          |
| 09/05/08                                   | 362.62               | 68.75                 | 0.00                 | 293.87                        | -11.99                     | --                       | ND<50                | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 43                  |          |
| 12/08/08                                   | 362.62               | 67.25                 | 0.00                 | 295.37                        | 1.50                       | --                       | ND<50                | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 20                  |          |
| 03/26/09                                   | 362.62               | 59.73                 | 0.00                 | 302.89                        | 7.52                       | --                       | ND<50                | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 27                  |          |
| <b>MW-11 (Screen Interval in feet: --)</b> |                      |                       |                      |                               |                            |                          |                      |                |                |                      |                      |                     |                     |          |
| 09/25/01                                   | 354.66               | 81.24                 | 0.00                 | 273.42                        | --                         | ND<50                    | --                   | ND<0.50        | ND<0.50        | ND<0.50              | ND<0.50              | 9.0                 | --                  |          |
| 12/17/01                                   | 354.66               | 80.47                 | 0.00                 | 274.19                        | 0.77                       | ND<50                    | --                   | ND<0.50        | ND<0.50        | ND<0.50              | ND<0.50              | 10                  | 14                  |          |
| 03/15/02                                   | 354.66               | 79.42                 | 0.00                 | 275.24                        | 1.05                       | ND<50                    | --                   | ND<0.50        | ND<0.50        | ND<0.50              | ND<0.50              | 7.6                 | --                  |          |
| 06/20/02                                   | 354.66               | 80.69                 | 0.00                 | 273.97                        | -1.27                      | --                       | ND<50                | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 7.7                 |          |
| 09/27/02                                   | 354.66               | 81.58                 | 0.00                 | 273.08                        | -0.89                      | --                       | ND<50                | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 5.6                 |          |
| 12/30/02                                   | 354.66               | 79.12                 | 0.00                 | 275.54                        | 2.46                       | --                       | ND<50                | ND<0.50        | ND<0.50        | 2.0                  | 6.1                  | --                  | 6.9                 |          |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2009**  
**76 Station 7376**

| Date<br>Sampled        | TOC<br>Elevation<br>(feet) | Depth to<br>Water<br>(feet) | LPH<br>Thickness<br>(feet) | Ground-<br>water<br>Elevation<br>(feet) | Change<br>in<br>Elevation<br>(feet) | TPH-G<br>8015<br>(Luft)<br>(µg/l) | TPH-G             |                   |                   |                             |         | Total<br>Xylenes<br>(µg/l) | MTBE<br>(8021B)<br>(µg/l) | MTBE<br>(8260B)<br>(µg/l) | Comments |
|------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------------------|-------------------------------------|-----------------------------------|-------------------|-------------------|-------------------|-----------------------------|---------|----------------------------|---------------------------|---------------------------|----------|
|                        |                            |                             |                            |                                         |                                     |                                   | (GC/MS)<br>(µg/l) | Benzene<br>(µg/l) | Toluene<br>(µg/l) | Ethyl-<br>benzene<br>(µg/l) |         |                            |                           |                           |          |
| <b>MW-11 continued</b> |                            |                             |                            |                                         |                                     |                                   |                   |                   |                   |                             |         |                            |                           |                           |          |
| 03/26/03               | 354.66                     | 73.70                       | 0.00                       | 280.96                                  | 5.42                                | --                                | ND<50             | 0.62              | 1.7               | 0.5                         | 2.6     | --                         | 9.8                       |                           |          |
| 06/10/03               | 354.66                     | 73.06                       | 0.00                       | 281.60                                  | 0.64                                | --                                | ND<50             | ND<0.50           | ND<0.50           | ND<0.50                     | ND<1.0  | --                         | 3.8                       |                           |          |
| 09/09/03               | 354.66                     | 74.19                       | 0.00                       | 280.47                                  | -1.13                               | --                                | ND<50             | ND<0.50           | 0.66              | ND<0.50                     | ND<1.0  | --                         | 4.4                       |                           |          |
| 12/10/03               | 354.66                     | 70.99                       | 0.00                       | 283.67                                  | 3.20                                | --                                | ND<50             | ND<0.50           | ND<0.50           | ND<0.50                     | ND<1.0  | --                         | 3.4                       |                           |          |
| 03/09/04               | 354.66                     | 66.61                       | 0.00                       | 288.05                                  | 4.38                                | --                                | ND<50             | ND<0.50           | ND<0.50           | ND<0.50                     | ND<1.0  | --                         | ND<2.0                    |                           |          |
| 06/21/04               | 354.66                     | 67.63                       | 0.00                       | 287.03                                  | -1.02                               | --                                | ND<50             | ND<0.50           | ND<0.50           | ND<0.50                     | ND<1.0  | --                         | 0.89                      |                           |          |
| 09/08/04               | 354.66                     | 72.69                       | 0.00                       | 281.97                                  | -5.06                               | --                                | ND<50             | ND<0.50           | ND<0.50           | ND<0.50                     | ND<1.0  | --                         | 8.0                       |                           |          |
| 12/14/04               | 354.66                     | 72.69                       | 0.00                       | 281.97                                  | 0.00                                | --                                | ND<50             | ND<0.50           | ND<0.50           | ND<0.50                     | ND<1.0  | --                         | 15                        |                           |          |
| 03/17/05               | 354.66                     | 61.62                       | 0.00                       | 293.04                                  | 11.07                               | --                                | ND<50             | ND<0.50           | ND<0.50           | ND<0.50                     | ND<1.0  | --                         | 1.1                       |                           |          |
| 06/15/05               | 354.66                     | 58.68                       | 0.00                       | 295.98                                  | 2.94                                | --                                | ND<50             | ND<0.50           | ND<0.50           | ND<0.50                     | ND<1.0  | --                         | ND<0.50                   |                           |          |
| 09/20/05               | 354.66                     | 63.81                       | 0.00                       | 290.85                                  | -5.13                               | --                                | ND<50             | ND<0.50           | ND<0.50           | ND<0.50                     | ND<1.0  | --                         | ND<0.50                   |                           |          |
| 12/29/05               | 354.66                     | 55.96                       | 0.00                       | 298.70                                  | 7.85                                | --                                | ND<50             | ND<0.50           | ND<0.50           | ND<0.50                     | ND<1.0  | --                         | 0.64                      |                           |          |
| 03/15/06               | 354.66                     | 50.73                       | 0.00                       | 303.93                                  | 5.23                                | --                                | ND<50             | ND<0.50           | ND<0.50           | ND<0.50                     | ND<1.0  | --                         | ND<0.50                   |                           |          |
| 06/28/06               | 354.66                     | 48.54                       | 0.00                       | 306.12                                  | 2.19                                | --                                | ND<50             | ND<0.50           | ND<0.50           | ND<0.50                     | ND<1.0  | --                         | ND<0.50                   |                           |          |
| 09/28/06               | 354.66                     | 52.78                       | 0.00                       | 301.88                                  | -4.24                               | --                                | ND<50             | ND<0.50           | ND<0.50           | ND<0.50                     | 0.55    | --                         | ND<0.50                   |                           |          |
| 12/11/06               | 354.66                     | 48.64                       | 0.00                       | 306.02                                  | 4.14                                | --                                | ND<50             | ND<0.50           | ND<0.50           | ND<0.50                     | ND<0.50 | --                         | ND<0.50                   |                           |          |
| 03/19/07               | 354.66                     | 44.06                       | 0.00                       | 310.60                                  | 4.58                                | --                                | ND<50             | ND<0.50           | ND<0.50           | ND<0.50                     | ND<0.50 | --                         | ND<0.50                   |                           |          |
| 06/15/07               | 354.66                     | 48.70                       | 0.00                       | 305.96                                  | -4.64                               | --                                | ND<50             | ND<0.50           | ND<0.50           | ND<0.50                     | 0.63    | --                         | ND<0.50                   |                           |          |
| 09/24/07               | 354.66                     | 52.77                       | 0.00                       | 301.89                                  | -4.07                               | --                                | ND<50             | ND<0.50           | ND<0.50           | ND<0.50                     | ND<0.50 | --                         | ND<0.50                   |                           |          |
| 12/27/07               | 354.66                     | 46.51                       | 0.00                       | 308.15                                  | 6.26                                | --                                | ND<50             | ND<0.50           | ND<0.50           | ND<0.50                     | ND<1.0  | --                         | ND<0.50                   |                           |          |
| 03/25/08               | 354.66                     | 45.09                       | 0.00                       | 309.57                                  | 1.42                                | --                                | ND<50             | ND<0.50           | ND<0.50           | ND<0.50                     | ND<1.0  | --                         | ND<0.50                   |                           |          |
| 06/06/08               | 354.66                     | 46.21                       | 0.00                       | 308.45                                  | -1.12                               | --                                | ND<50             | ND<0.50           | ND<0.50           | ND<0.50                     | ND<1.0  | --                         | ND<0.50                   |                           |          |
| 09/05/08               | 354.66                     | 54.97                       | 0.00                       | 299.69                                  | -8.76                               | --                                | ND<50             | ND<0.50           | ND<0.50           | ND<0.50                     | ND<1.0  | --                         | ND<0.50                   |                           |          |



**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2009**  
**76 Station 7376**

| Date Sampled                               | TOC Elevation<br>(feet) | Depth to Water<br>(feet) | LPH Thickness<br>(feet) | Ground-water Elevation<br>(feet) | Change in Elevation<br>(feet) | TPH-G 8015<br>(Luft)<br>(µg/l) | TPH-G<br>(GC/MS)<br>(µg/l) | Benzene<br>(µg/l) | Toluene<br>(µg/l) | Ethyl-<br>benzene<br>(µg/l) | Total<br>Xylenes<br>(µg/l) | MTBE<br>(8021B)<br>(µg/l) | MTBE<br>(8260B)<br>(µg/l) | Comments |
|--------------------------------------------|-------------------------|--------------------------|-------------------------|----------------------------------|-------------------------------|--------------------------------|----------------------------|-------------------|-------------------|-----------------------------|----------------------------|---------------------------|---------------------------|----------|
| <b>MW-11 continued</b>                     |                         |                          |                         |                                  |                               |                                |                            |                   |                   |                             |                            |                           |                           |          |
| 12/08/08                                   | 354.66                  | 55.63                    | 0.00                    | 299.03                           | -0.66                         | --                             | ND<50                      | ND<0.50           | ND<0.50           | ND<0.50                     | ND<1.0                     | --                        | ND<0.50                   |          |
| 03/26/09                                   | 354.66                  | 49.90                    | 0.00                    | 304.76                           | 5.73                          | --                             | ND<50                      | ND<0.50           | ND<0.50           | ND<0.50                     | ND<1.0                     | --                        | ND<0.50                   |          |
| <b>MW-12 (Screen Interval in feet: --)</b> |                         |                          |                         |                                  |                               |                                |                            |                   |                   |                             |                            |                           |                           |          |
| 09/25/01                                   | 354.08                  | 80.78                    | 0.00                    | 273.30                           | --                            | ND<50                          | --                         | ND<0.50           | ND<0.50           | ND<0.50                     | ND<0.50                    | ND<2.5                    | --                        |          |
| 12/17/01                                   | 354.08                  | 80.02                    | 0.00                    | 274.06                           | 0.76                          | ND<50                          | --                         | ND<0.50           | ND<0.50           | ND<0.50                     | ND<0.50                    | ND<5.0                    | ND<1.0                    |          |
| 03/15/02                                   | 354.08                  | 78.88                    | 0.00                    | 275.20                           | 1.14                          | ND<50                          | --                         | ND<0.50           | ND<0.50           | ND<0.50                     | ND<0.50                    | ND<2.5                    | --                        |          |
| 06/20/02                                   | 354.08                  | 80.34                    | 0.00                    | 273.74                           | -1.46                         | --                             | ND<50                      | ND<0.50           | ND<0.50           | ND<0.50                     | ND<1.0                     | --                        | 0.83                      |          |
| 09/27/02                                   | 354.08                  | 81.50                    | 0.00                    | 272.58                           | -1.16                         | --                             | ND<50                      | ND<0.50           | ND<0.50           | ND<0.50                     | ND<1.0                     | --                        | ND<2.0                    |          |
| 12/30/02                                   | 354.08                  | 78.20                    | 0.00                    | 275.88                           | 3.30                          | --                             | ND<50                      | ND<0.50           | ND<0.50           | ND<0.50                     | ND<1.0                     | --                        | ND<2.0                    |          |
| 03/26/03                                   | 354.08                  | 72.80                    | 0.00                    | 281.28                           | 5.40                          | --                             | ND<50                      | 0.57              | 1.6               | ND<0.50                     | 2.2                        | --                        | ND<2.0                    |          |
| 06/10/03                                   | 354.08                  | 72.31                    | 0.00                    | 281.77                           | 0.49                          | ND<50                          | ND<50                      | ND<0.50           | ND<0.50           | ND<0.50                     | ND<1.0                     | --                        | ND<2.0                    |          |
| 09/09/03                                   | 354.08                  | 73.38                    | 0.00                    | 280.70                           | -1.07                         | --                             | ND<50                      | ND<0.50           | ND<0.50           | ND<0.50                     | ND<1.0                     | --                        | ND<2.0                    |          |
| 12/10/03                                   | 354.08                  | 70.28                    | 0.00                    | 283.80                           | 3.10                          | --                             | ND<50                      | ND<0.50           | 0.51              | ND<0.50                     | 1.1                        | --                        | ND<2.0                    |          |
| 03/09/04                                   | 354.08                  | 65.69                    | 0.00                    | 288.39                           | 4.59                          | --                             | ND<50                      | ND<0.50           | 0.54              | ND<0.50                     | 1.4                        | --                        | ND<2.0                    |          |
| 06/21/04                                   | 354.08                  | 66.90                    | 0.00                    | 287.18                           | -1.21                         | --                             | ND<50                      | ND<0.50           | ND<0.50           | ND<0.50                     | ND<1.0                     | --                        | ND<0.50                   |          |
| 09/08/04                                   | 354.08                  | 71.96                    | 0.00                    | 282.12                           | -5.06                         | --                             | ND<50                      | ND<0.50           | ND<0.50           | ND<0.50                     | ND<1.0                     | --                        | ND<0.50                   |          |
| 12/14/04                                   | 354.08                  | 71.92                    | 0.00                    | 282.16                           | 0.04                          | --                             | ND<50                      | ND<0.50           | ND<0.50           | ND<0.50                     | ND<1.0                     | --                        | ND<0.50                   |          |
| 03/17/05                                   | 354.08                  | 60.49                    | 0.00                    | 293.59                           | 11.43                         | --                             | ND<50                      | ND<0.50           | ND<0.50           | ND<0.50                     | ND<1.0                     | --                        | ND<0.50                   |          |
| 06/15/05                                   | 354.08                  | 57.82                    | 0.00                    | 296.26                           | 2.67                          | --                             | ND<50                      | ND<0.50           | ND<0.50           | ND<0.50                     | 1.1                        | --                        | ND<0.50                   |          |
| 09/20/05                                   | 354.08                  | 63.02                    | 0.00                    | 291.06                           | -5.20                         | --                             | ND<50                      | ND<0.50           | ND<0.50           | ND<0.50                     | ND<1.0                     | --                        | ND<0.50                   |          |
| 12/29/05                                   | 354.08                  | 55.01                    | 0.00                    | 299.07                           | 8.01                          | --                             | ND<50                      | ND<0.50           | ND<0.50           | ND<0.50                     | ND<1.0                     | --                        | ND<0.50                   |          |
| 03/15/06                                   | 354.08                  | 49.92                    | 0.00                    | 304.16                           | 5.09                          | --                             | ND<50                      | ND<0.50           | ND<0.50           | ND<0.50                     | ND<1.0                     | --                        | ND<0.50                   |          |
| 06/28/06                                   | 354.08                  | 47.91                    | 0.00                    | 306.17                           | 2.01                          | --                             | ND<50                      | ND<0.50           | ND<0.50           | ND<0.50                     | ND<1.0                     | --                        | 0.56                      |          |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**December 1987 Through March 2009**  
**76 Station 7376**

| Date<br>Sampled        | TOC<br>Elevation<br>(feet) | Depth to<br>Water<br>(feet) | LPH<br>Thickness<br>(feet) | Ground-<br>water<br>Elevation<br>(feet) | Change<br>in<br>Elevation<br>(feet) | TPH-G<br>8015<br>(Luft)<br>(µg/l) | TPH-G             |                   |                   |                             |         | Total<br>Xylenes<br>(µg/l) | MTBE<br>(8021B)<br>(µg/l) | MTBE<br>(8260B)<br>(µg/l) | Comments |
|------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------------------|-------------------------------------|-----------------------------------|-------------------|-------------------|-------------------|-----------------------------|---------|----------------------------|---------------------------|---------------------------|----------|
|                        |                            |                             |                            |                                         |                                     |                                   | (GC/MS)<br>(µg/l) | Benzene<br>(µg/l) | Toluene<br>(µg/l) | Ethyl-<br>benzene<br>(µg/l) |         |                            |                           |                           |          |
| <b>MW-12 continued</b> |                            |                             |                            |                                         |                                     |                                   |                   |                   |                   |                             |         |                            |                           |                           |          |
| 09/28/06               | 354.08                     | 52.05                       | 0.00                       | 302.03                                  | -4.14                               | --                                | ND<50             | ND<0.50           | ND<0.50           | ND<0.50                     | ND<0.50 | --                         | ND<0.50                   |                           |          |
| 12/11/06               | 354.08                     | 47.83                       | 0.00                       | 306.25                                  | 4.22                                | --                                | ND<50             | ND<0.50           | ND<0.50           | ND<0.50                     | ND<0.50 | --                         | ND<0.50                   |                           |          |
| 03/19/07               | 354.08                     | 43.32                       | 0.00                       | 310.76                                  | 4.51                                | --                                | ND<50             | ND<0.50           | ND<0.50           | ND<0.50                     | ND<0.50 | --                         | ND<0.50                   |                           |          |
| 06/15/07               | 354.08                     | 48.26                       | 0.00                       | 305.82                                  | -4.94                               | --                                | ND<50             | ND<0.50           | ND<0.50           | ND<0.50                     | 0.60    | --                         | ND<0.50                   |                           |          |
| 09/24/07               | 354.08                     | 52.60                       | 0.00                       | 301.48                                  | -4.34                               | --                                | ND<50             | ND<0.50           | ND<0.50           | ND<0.50                     | ND<0.50 | --                         | ND<0.50                   |                           |          |
| 12/27/07               | 354.08                     | 45.83                       | 0.00                       | 308.25                                  | 6.77                                | --                                | ND<50             | ND<0.50           | ND<0.50           | ND<0.50                     | ND<1.0  | --                         | ND<0.50                   |                           |          |
| 03/25/08               | 354.08                     | 44.63                       | 0.00                       | 309.45                                  | 1.20                                | --                                | ND<50             | ND<0.50           | ND<0.50           | ND<0.50                     | ND<1.0  | --                         | ND<0.50                   |                           |          |
| 06/06/08               | 354.08                     | 45.51                       | 0.00                       | 308.57                                  | -0.88                               | --                                | ND<50             | ND<0.50           | ND<0.50           | ND<0.50                     | ND<1.0  | --                         | ND<0.50                   |                           |          |
| 09/05/08               | 354.08                     | 54.27                       | 0.00                       | 299.81                                  | -8.76                               | --                                | ND<50             | ND<0.50           | ND<0.50           | ND<0.50                     | ND<1.0  | --                         | ND<0.50                   |                           |          |
| 12/08/08               | 354.08                     | 54.92                       | 0.00                       | 299.16                                  | -0.65                               | --                                | ND<50             | ND<0.50           | ND<0.50           | ND<0.50                     | ND<1.0  | --                         | ND<0.50                   |                           |          |
| 03/26/09               | 354.08                     | 49.25                       | 0.00                       | 304.83                                  | 5.67                                | --                                | ND<50             | ND<0.50           | ND<0.50           | ND<0.50                     | ND<1.0  | --                         | ND<0.50                   |                           |          |

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 7376**

| Date Sampled | TPH-D<br>(µg/l) | TBA<br>(µg/l) | Ethanol<br>(8260B)<br>(µg/l) | Ethylene-<br>dibromide<br>(EDB)<br>(µg/l) | 1,2-DCA<br>(EDC)<br>(µg/l) | DIPE<br>(µg/l) | ETBE<br>(µg/l) | TAME<br>(µg/l) |
|--------------|-----------------|---------------|------------------------------|-------------------------------------------|----------------------------|----------------|----------------|----------------|
| <b>MW-1</b>  |                 |               |                              |                                           |                            |                |                |                |
| 12/08/87     | 2100            | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/01/95     | 120             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/01/95     | 54              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/06/95     | 690             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/12/95     | 190             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/01/96     | 56              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/15/96     | ND              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/18/96     | 130             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/21/96     | ND              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/07/97     | ND              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/27/97     | ND              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/29/97     | ND              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/15/97     | ND              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/16/98     | ND              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/26/98     | ND              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/22/98     | 240             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/15/98     | ND              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/15/99     | 67              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/07/99     | ND              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/03/99     | 76              | ND            | ND                           | ND<2.0                                    | --                         | ND             | ND             | ND             |
| 12/06/99     | ND              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/10/00     | 51              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/08/00     | 68.2            | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/25/00     | ND              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/19/00     | ND              | --            | --                           | --                                        | --                         | --             | --             | --             |

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 7376**

| Date Sampled          | TPH-D<br>(µg/l) | TBA<br>(µg/l) | Ethanol<br>(8260B)<br>(µg/l) | Ethylene-<br>dibromide<br>(EDB)<br>(µg/l) | 1,2-DCA<br>(EDC)<br>(µg/l) | DIPE<br>(µg/l) | ETBE<br>(µg/l) | TAME<br>(µg/l) |
|-----------------------|-----------------|---------------|------------------------------|-------------------------------------------|----------------------------|----------------|----------------|----------------|
| <b>MW-1 continued</b> |                 |               |                              |                                           |                            |                |                |                |
| 03/05/01              | 505             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/14/01              | 71              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/17/01              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/17/01              | ND<53           | ND<40         | ND<1000                      | --                                        | ND<2.0                     | ND<2.0         | ND<2.0         | ND<2.0         |
| 03/15/02              | ND<52           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/20/02              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/27/02              | ND<100          | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/30/02              | 52              | ND<400        | ND<2000                      | ND<8.0                                    | ND<8.0                     | ND<8.0         | ND<8.0         | ND<8.0         |
| 03/26/03              | 120             | ND<2000       | ND<10000                     | ND<40                                     | ND<40                      | ND<40          | ND<40          | ND<40          |
| 06/10/03              | ND<50           | ND<4000       | ND<20000                     | ND<80                                     | ND<80                      | ND<80          | ND<80          | ND<80          |
| 09/09/03              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/10/03              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/09/04              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/21/04              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/08/04              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/14/04              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/17/05              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/15/05              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/20/05              | ND<200          | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/29/05              | ND<200          | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/15/06              | ND<200          | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/28/06              | ND<200          | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/28/06              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/11/06              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/19/07              | 170             | --            | --                           | --                                        | --                         | --             | --             | --             |

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 7376**

| Date Sampled          | TPH-D<br>(µg/l) | TBA<br>(µg/l) | Ethanol<br>(8260B)<br>(µg/l) | Ethylene-<br>dibromide<br>(EDB)<br>(µg/l) | 1,2-DCA<br>(EDC)<br>(µg/l) | DIPE<br>(µg/l) | ETBE<br>(µg/l) | TAME<br>(µg/l) |
|-----------------------|-----------------|---------------|------------------------------|-------------------------------------------|----------------------------|----------------|----------------|----------------|
| <b>MW-1 continued</b> |                 |               |                              |                                           |                            |                |                |                |
| 06/15/07              | 53              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/24/07              | 76              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/27/07              | 53              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/25/08              | 59              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/06/08              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/05/08              | ND<56           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/08/08              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/26/09              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| <b>MW-2</b>           |                 |               |                              |                                           |                            |                |                |                |
| 12/08/87              | 620             | --            | --                           | --                                        | --                         | --             | --             | --             |
| <b>MW-2B</b>          |                 |               |                              |                                           |                            |                |                |                |
| 03/01/95              | 320             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/01/95              | 280             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/06/95              | ND              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/12/95              | 850             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/01/96              | 870             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/15/96              | 420             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/18/96              | 600             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/21/96              | 470             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/07/97              | 870             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/27/97              | 680             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/29/97              | 430             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/15/97              | 490             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/16/98              | 4000            | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/26/98              | 790             | --            | --                           | --                                        | --                         | --             | --             | --             |

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 7376**

| Date Sampled           | TPH-D<br>(µg/l) | TBA<br>(µg/l) | Ethanol<br>(8260B)<br>(µg/l) | Ethylene-<br>dibromide<br>(EDB)<br>(µg/l) | 1,2-DCA<br>(EDC)<br>(µg/l) | DIPE<br>(µg/l) | ETBE<br>(µg/l) | TAME<br>(µg/l) |
|------------------------|-----------------|---------------|------------------------------|-------------------------------------------|----------------------------|----------------|----------------|----------------|
| <b>MW-2B continued</b> |                 |               |                              |                                           |                            |                |                |                |
| 09/22/98               | 930             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/15/98               | 600             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/15/99               | 390             | 3800          | ND                           | --                                        | --                         | 13             | ND             | ND             |
| 06/07/99               | 770             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/03/99               | 870             | 3480          | ND                           | --                                        | --                         | ND             | ND             | ND             |
| 12/06/99               | 850             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/10/00               | 1500            | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/25/00               | 2900            | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/19/00               | 700             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/14/01               | 570             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/10/03               | 280             | ND<10000      | ND<50000                     | ND<200                                    | ND<200                     | ND<200         | ND<200         | ND<200         |
| 06/21/04               | 260             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/17/05               | 280             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/15/05               | 560             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/20/05               | 340             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/15/06               | 7200            | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/28/06               | 32000           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/28/06               | 2300            | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/11/06               | 61000           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/19/07               | 30000           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/15/07               | 21000           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/27/07               | 18000           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/25/08               | 1200            | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/06/08               | 15000           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/05/08               | 710             | --            | --                           | --                                        | --                         | --             | --             | --             |

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 7376**

| Date Sampled           | TPH-D<br>(µg/l) | TBA<br>(µg/l) | Ethanol<br>(8260B)<br>(µg/l) | Ethylene-<br>dibromide<br>(EDB)<br>(µg/l) | 1,2-DCA<br>(EDC)<br>(µg/l) | DIPE<br>(µg/l) | ETBE<br>(µg/l) | TAME<br>(µg/l) |
|------------------------|-----------------|---------------|------------------------------|-------------------------------------------|----------------------------|----------------|----------------|----------------|
| <b>MW-2B continued</b> |                 |               |                              |                                           |                            |                |                |                |
| 12/08/08               | 7000            | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/26/09               | 11000           | --            | --                           | --                                        | --                         | --             | --             | --             |
| <b>MW-3</b>            |                 |               |                              |                                           |                            |                |                |                |
| 12/08/87               | 2300            | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/01/95               | 140             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/01/95               | 140             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/06/95               | 880             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/12/95               | 3100            | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/01/96               | 1500            | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/15/96               | 400             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/18/96               | 170             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/21/96               | 64              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/07/97               | 570             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/27/97               | ND              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/29/97               | ND              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/15/97               | ND              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/16/98               | 670             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/26/98               | 63              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/22/98               | 95              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/15/98               | ND              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/15/99               | 3500            | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/07/99               | ND              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/03/99               | 2900            | ND            | ND                           | --                                        | --                         | ND             | ND             | ND             |
| 12/06/99               | 4200            | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/10/00               | 2500            | --            | --                           | --                                        | --                         | --             | --             | --             |

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 7376**

| Date Sampled          | TPH-D<br>(µg/l) | TBA<br>(µg/l) | Ethanol<br>(8260B)<br>(µg/l) | Ethylene-<br>dibromide<br>(EDB)<br>(µg/l) | 1,2-DCA<br>(EDC)<br>(µg/l) | DIPE<br>(µg/l) | ETBE<br>(µg/l) | TAME<br>(µg/l) |
|-----------------------|-----------------|---------------|------------------------------|-------------------------------------------|----------------------------|----------------|----------------|----------------|
| <b>MW-3 continued</b> |                 |               |                              |                                           |                            |                |                |                |
| 06/08/00              | 489             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/25/00              | 4380            | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/19/00              | 5600            | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/05/01              | 3790            | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/14/01              | 1300            | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/17/01              | 290             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/17/01              | 700             | 26            | ND<500                       | ND<1.0                                    | ND<1.0                     | ND<1.0         | ND<1.0         | ND<1.0         |
| 03/15/02              | 3600            | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/20/02              | 1300            | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/27/02              | ND<100          | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/30/02              | 1800            | ND<1000       | ND<5000                      | ND<20                                     | ND<20                      | ND<20          | ND<20          | ND<20          |
| 03/26/03              | 2600            | ND<1000       | ND<5000                      | ND<20                                     | ND<20                      | ND<20          | ND<20          | ND<20          |
| 06/10/03              | 350             | ND<100        | ND<500                       | ND<2.0                                    | 5.3                        | ND<2.0         | ND<2.0         | ND<2.0         |
| 09/09/03              | 270             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/10/03              | 800             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/09/04              | 1100            | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/21/04              | 210             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/08/04              | 130             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/14/04              | 800             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/17/05              | 2400            | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/15/05              | 410             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/20/05              | ND<200          | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/29/05              | 1400            | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/15/06              | 520             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/28/06              | 920             | --            | --                           | --                                        | --                         | --             | --             | --             |



**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 7376**

| Date Sampled          | TPH-D<br>(µg/l) | TBA<br>(µg/l) | Ethanol<br>(8260B)<br>(µg/l) | Ethylene-<br>dibromide<br>(EDB)<br>(µg/l) | 1,2-DCA<br>(EDC)<br>(µg/l) | DIPE<br>(µg/l) | ETBE<br>(µg/l) | TAME<br>(µg/l) |
|-----------------------|-----------------|---------------|------------------------------|-------------------------------------------|----------------------------|----------------|----------------|----------------|
| <b>MW-3 continued</b> |                 |               |                              |                                           |                            |                |                |                |
| 09/28/06              | 190             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/11/06              | 520             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/19/07              | 660             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/15/07              | 1100            | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/24/07              | 770             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/27/07              | 340             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/25/08              | 940             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/06/08              | 380             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/05/08              | 240             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/08/08              | 250             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/26/09              | 210             | --            | --                           | --                                        | --                         | --             | --             | --             |
| <b>MW-4</b>           |                 |               |                              |                                           |                            |                |                |                |
| 09/18/96              | 200             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/21/96              | ND              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/07/97              | ND              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/27/97              | ND              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/29/97              | ND              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/15/97              | ND              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/16/98              | ND              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/26/98              | 630             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/22/98              | 74              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/15/98              | ND              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/15/99              | ND              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/07/99              | ND              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/03/99              | 66              | ND            | ND                           | --                                        | --                         | ND             | ND             | ND             |

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 7376**

| Date Sampled          | TPH-D<br>(µg/l) | TBA<br>(µg/l) | Ethanol<br>(8260B)<br>(µg/l) | Ethylene-<br>dibromide<br>(EDB)<br>(µg/l) | 1,2-DCA<br>(EDC)<br>(µg/l) | DIPE<br>(µg/l) | ETBE<br>(µg/l) | TAME<br>(µg/l) |
|-----------------------|-----------------|---------------|------------------------------|-------------------------------------------|----------------------------|----------------|----------------|----------------|
| <b>MW-4 continued</b> |                 |               |                              |                                           |                            |                |                |                |
| 12/06/99              | 95              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/10/00              | ND              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/08/00              | 72.8            | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/10/03              | ND<50           | ND<100        | ND<500                       | ND<2.0                                    | ND<2.0                     | ND<2.0         | ND<2.0         | ND<2.0         |
| 09/09/03              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/10/03              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/09/04              | 56              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/21/04              | 59              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/08/04              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/14/04              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/17/05              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/15/05              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/20/05              | ND<200          | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/29/05              | ND<200          | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/15/06              | ND<200          | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/28/06              | ND<200          | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/28/06              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/11/06              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/19/07              | 66              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/15/07              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/24/07              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/27/07              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/25/08              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/06/08              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/05/08              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 7376**

| Date Sampled          | TPH-D<br>(µg/l) | TBA<br>(µg/l) | Ethanol<br>(8260B)<br>(µg/l) | Ethylene-<br>dibromide<br>(EDB)<br>(µg/l) | 1,2-DCA<br>(EDC)<br>(µg/l) | DIPE<br>(µg/l) | ETBE<br>(µg/l) | TAME<br>(µg/l) |
|-----------------------|-----------------|---------------|------------------------------|-------------------------------------------|----------------------------|----------------|----------------|----------------|
| <b>MW-4 continued</b> |                 |               |                              |                                           |                            |                |                |                |
| 12/08/08              | ND<56           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/26/09              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| <b>MW-5</b>           |                 |               |                              |                                           |                            |                |                |                |
| 09/18/96              | 4700            | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/21/96              | 4700            | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/07/97              | 2100            | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/26/98              | 230000          | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/07/99              | 4700000         | ND            | ND                           | --                                        | --                         | ND             | ND             | ND             |
| 03/09/04              | 110000          | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/21/04              | 190000          | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/19/07              | 84000           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/15/07              | 29000           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/24/07              | 33000           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/27/07              | 23000           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/25/08              | 44000           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/06/08              | 5100            | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/05/08              | 9000            | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/08/08              | 7500            | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/26/09              | 5400            | --            | --                           | --                                        | --                         | --             | --             | --             |
| <b>MW-6</b>           |                 |               |                              |                                           |                            |                |                |                |
| 09/18/96              | ND              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/21/96              | ND              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/07/97              | 190             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/27/97              | 73              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/29/97              | ND              | --            | --                           | --                                        | --                         | --             | --             | --             |

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 7376**

| Date Sampled          | TPH-D<br>(µg/l) | TBA<br>(µg/l) | Ethanol<br>(8260B)<br>(µg/l) | Ethylene-<br>dibromide<br>(EDB)<br>(µg/l) | 1,2-DCA<br>(EDC)<br>(µg/l) | DIPE<br>(µg/l) | ETBE<br>(µg/l) | TAME<br>(µg/l) |
|-----------------------|-----------------|---------------|------------------------------|-------------------------------------------|----------------------------|----------------|----------------|----------------|
| <b>MW-6 continued</b> |                 |               |                              |                                           |                            |                |                |                |
| 12/15/97              | ND              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/16/98              | 100             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/26/98              | 180             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 01/23/99              | ND              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/15/99              | 71              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/07/99              | 160             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/10/00              | ND              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/09/04              | 110             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/17/05              | 150             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/15/05              | 120             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/20/05              | ND<200          | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/29/05              | ND<200          | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/15/06              | ND<200          | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/28/06              | ND<200          | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/28/06              | 85              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/11/06              | 81              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/19/07              | 90              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/15/07              | 310             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/24/07              | 130             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/27/07              | 73              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/25/08              | 77              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/06/08              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/05/08              | 73              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/08/08              | 130             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/26/09              | 55              | --            | --                           | --                                        | --                         | --             | --             | --             |

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 7376**

| Date Sampled | TPH-D<br>(µg/l) | TBA<br>(µg/l) | Ethanol<br>(8260B)<br>(µg/l) | Ethylene-<br>dibromide<br>(EDB)<br>(µg/l) | 1,2-DCA<br>(EDC)<br>(µg/l) | DIPE<br>(µg/l) | ETBE<br>(µg/l) | TAME<br>(µg/l) |
|--------------|-----------------|---------------|------------------------------|-------------------------------------------|----------------------------|----------------|----------------|----------------|
| <b>MW-7</b>  |                 |               |                              |                                           |                            |                |                |                |
| 08/18/98     | 1400            | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/22/98     | 780             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/15/98     | 350             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/15/99     | 460             | 610           | ND                           | --                                        | --                         | 4.3            | ND             | ND             |
| 06/07/99     | 550             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/03/99     | 550             | 460           | ND                           | --                                        | --                         | 4.36           | ND             | ND             |
| 12/06/99     | 220             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/10/00     | 930             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/08/00     | 463             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/25/00     | 1810            | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/19/00     | 930             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/05/01     | 801             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/14/01     | 710             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/17/01     | 860             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/17/01     | 470             | ND<200        | ND<5000                      | ND<10                                     | ND<10                      | ND<10          | ND<10          | ND<10          |
| 03/15/02     | 830             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/20/02     | 710             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/27/02     | 300             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/30/02     | 220             | ND<500        | ND<2500                      | ND<10                                     | ND<10                      | ND<10          | ND<10          | ND<10          |
| 03/26/03     | 560             | ND<2000       | ND<10000                     | ND<40                                     | ND<40                      | ND<40          | ND<40          | ND<40          |
| 06/10/03     | 610             | ND<1000       | ND<5000                      | ND<20                                     | ND<20                      | ND<20          | ND<20          | ND<20          |
| 09/09/03     | 430             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/10/03     | 450             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/09/04     | 640             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/21/04     | 630             | --            | --                           | --                                        | --                         | --             | --             | --             |

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 7376**

| Date Sampled          | TPH-D<br>(µg/l) | TBA<br>(µg/l) | Ethanol<br>(8260B)<br>(µg/l) | Ethylene-<br>dibromide<br>(EDB)<br>(µg/l) | 1,2-DCA<br>(EDC)<br>(µg/l) | DIPE<br>(µg/l) | ETBE<br>(µg/l) | TAME<br>(µg/l) |
|-----------------------|-----------------|---------------|------------------------------|-------------------------------------------|----------------------------|----------------|----------------|----------------|
| <b>MW-7 continued</b> |                 |               |                              |                                           |                            |                |                |                |
| 09/08/04              | 270             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/14/04              | 160             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/17/05              | 380             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/15/05              | 630             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/20/05              | 280             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/29/05              | ND<200          | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/15/06              | ND<200          | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/28/06              | 260             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/28/06              | 140             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/11/06              | 99              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/19/07              | 140             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/15/07              | 78              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/24/07              | 140             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/27/07              | 71              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/25/08              | 630             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/06/08              | ND<56           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/05/08              | 120             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/08/08              | 110             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/26/09              | 69              | --            | --                           | --                                        | --                         | --             | --             | --             |
| <b>MW-8</b>           |                 |               |                              |                                           |                            |                |                |                |
| 06/26/98              | 80              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/22/98              | 120             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/15/98              | ND              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/23/99              | 60              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/07/99              | ND              | --            | --                           | --                                        | --                         | --             | --             | --             |

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 7376**

| Date Sampled          | TPH-D<br>(µg/l) | TBA<br>(µg/l) | Ethanol<br>(8260B)<br>(µg/l) | Ethylene-<br>dibromide<br>(EDB)<br>(µg/l) | 1,2-DCA<br>(EDC)<br>(µg/l) | DIPE<br>(µg/l) | ETBE<br>(µg/l) | TAME<br>(µg/l) |
|-----------------------|-----------------|---------------|------------------------------|-------------------------------------------|----------------------------|----------------|----------------|----------------|
| <b>MW-8 continued</b> |                 |               |                              |                                           |                            |                |                |                |
| 09/03/99              | 130             | ND            | ND                           | --                                        | --                         | 12.4           | ND             | ND             |
| 12/06/99              | 160             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/10/00              | 61              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/08/00              | 135             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/25/00              | 518             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/19/00              | 100             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/05/01              | 161             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/14/01              | 94              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/17/01              | 60              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/17/01              | ND<52           | 77            | ND<500                       | ND<1.0                                    | ND<1.0                     | 9.8            | ND<1.0         | ND<1.0         |
| 03/15/02              | 69              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/20/02              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/27/02              | 130             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/30/02              | 76              | ND<100        | ND<500                       | ND<2.0                                    | ND<2.0                     | 7.1            | ND<2.0         | ND<2.0         |
| 03/26/03              | 120             | ND<100        | ND<500                       | ND<2.0                                    | ND<2.0                     | 7.1            | ND<2.0         | ND<2.0         |
| 06/10/03              | ND<50           | ND<100        | ND<500                       | ND<2.0                                    | ND<2.0                     | ND<2.0         | ND<2.0         | ND<2.0         |
| 09/09/03              | 58              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/10/03              | 86              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/09/04              | 92              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/21/04              | 87              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/08/04              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/14/04              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/17/05              | 56              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/15/05              | 53              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/20/05              | ND<200          | --            | --                           | --                                        | --                         | --             | --             | --             |

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 7376**

| Date Sampled          | TPH-D<br>(µg/l) | TBA<br>(µg/l) | Ethanol<br>(8260B)<br>(µg/l) | Ethylene-<br>dibromide<br>(EDB)<br>(µg/l) | 1,2-DCA<br>(EDC)<br>(µg/l) | DIPE<br>(µg/l) | ETBE<br>(µg/l) | TAME<br>(µg/l) |
|-----------------------|-----------------|---------------|------------------------------|-------------------------------------------|----------------------------|----------------|----------------|----------------|
| <b>MW-8 continued</b> |                 |               |                              |                                           |                            |                |                |                |
| 12/29/05              | ND<200          | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/15/06              | ND<200          | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/28/06              | ND<200          | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/28/06              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/11/06              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/19/07              | 60              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/15/07              | 58              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/24/07              | 53              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/27/07              | 72              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/25/08              | 50              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/06/08              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/05/08              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/08/08              | 62              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/26/09              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| <b>MW-9</b>           |                 |               |                              |                                           |                            |                |                |                |
| 12/06/99              | ND              | ND            | --                           | ND                                        | ND                         | ND             | ND             | ND             |
| 03/10/00              | 150             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/08/00              | 67.8            | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/25/00              | 903             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/19/00              | ND              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/05/01              | 96.5            | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/14/01              | ND              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/17/01              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/17/01              | ND<52           | ND<20         | ND<500                       | ND<1.0                                    | ND<1.0                     | ND<1.0         | ND<1.0         | ND<1.0         |
| 03/15/02              | ND<51           | --            | --                           | --                                        | --                         | --             | --             | --             |



**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 7376**

| Date Sampled          | TPH-D<br>(µg/l) | TBA<br>(µg/l) | Ethanol<br>(8260B)<br>(µg/l) | Ethylene-<br>dibromide<br>(EDB)<br>(µg/l) | 1,2-DCA<br>(EDC)<br>(µg/l) | DIPE<br>(µg/l) | ETBE<br>(µg/l) | TAME<br>(µg/l) |
|-----------------------|-----------------|---------------|------------------------------|-------------------------------------------|----------------------------|----------------|----------------|----------------|
| <b>MW-9 continued</b> |                 |               |                              |                                           |                            |                |                |                |
| 06/20/02              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/27/02              | ND<110          | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/30/02              | 59              | ND<100        | ND<500                       | ND<2.0                                    | ND<2.0                     | ND<2.0         | ND<2.0         | ND<2.0         |
| 03/26/03              | ND<50           | ND<100        | ND<500                       | ND<2.0                                    | ND<2.0                     | ND<2.0         | ND<2.0         | ND<2.0         |
| 06/10/03              | ND<50           | ND<100        | ND<500                       | ND<2.0                                    | ND<2.0                     | ND<2.0         | ND<2.0         | ND<2.0         |
| 09/09/03              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/10/03              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/09/04              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/21/04              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/08/04              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/14/04              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/17/05              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/15/05              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/20/05              | ND<200          | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/29/05              | ND<200          | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/15/06              | ND<200          | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/28/06              | ND<200          | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/28/06              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/11/06              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/19/07              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/15/07              | 52              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/24/07              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/27/07              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/25/08              | 110             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/06/08              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 7376**

| Date Sampled          | TPH-D<br>(µg/l) | TBA<br>(µg/l) | Ethanol<br>(8260B)<br>(µg/l) | Ethylene-<br>dibromide<br>(EDB)<br>(µg/l) | 1,2-DCA<br>(EDC)<br>(µg/l) | DIPE<br>(µg/l) | ETBE<br>(µg/l) | TAME<br>(µg/l) |
|-----------------------|-----------------|---------------|------------------------------|-------------------------------------------|----------------------------|----------------|----------------|----------------|
| <b>MW-9 continued</b> |                 |               |                              |                                           |                            |                |                |                |
| 09/05/08              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/08/08              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/26/09              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| <b>MW-10</b>          |                 |               |                              |                                           |                            |                |                |                |
| 03/10/00              | 78              | ND            | --                           | ND                                        | 22                         | ND             | ND             | ND             |
| 06/10/03              | 65              | ND<100        | ND<500                       | ND<2.0                                    | ND<2.0                     | ND<2.0         | ND<2.0         | ND<2.0         |
| 03/09/04              | 140             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/21/04              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/17/05              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/15/05              | 71              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/20/05              | ND<200          | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/29/05              | ND<200          | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/15/06              | ND<200          | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/28/06              | ND<200          | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/28/06              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/11/06              | 92              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/19/07              | 190             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/15/07              | 120             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/24/07              | 130             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/27/07              | 59              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/25/08              | 74              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/06/08              | 190             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/05/08              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/08/08              | 53              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/26/09              | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 7376**

| Date Sampled | TPH-D<br>(µg/l) | TBA<br>(µg/l) | Ethanol<br>(8260B)<br>(µg/l) | Ethylene-<br>dibromide<br>(EDB)<br>(µg/l) | 1,2-DCA<br>(EDC)<br>(µg/l) | DIPE<br>(µg/l) | ETBE<br>(µg/l) | TAME<br>(µg/l) |
|--------------|-----------------|---------------|------------------------------|-------------------------------------------|----------------------------|----------------|----------------|----------------|
| <b>MW-11</b> |                 |               |                              |                                           |                            |                |                |                |
| 09/25/01     | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/17/01     | 110             | ND<20         | ND<500                       | ND<1.0                                    | ND<1.0                     | ND<1.0         | ND<1.0         | ND<1.0         |
| 03/15/02     | 140             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/20/02     | ND<60           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/27/02     | ND<110          | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/30/02     | ND<50           | ND<100        | ND<500                       | ND<2.0                                    | ND<2.0                     | ND<2.0         | ND<2.0         | ND<2.0         |
| 03/26/03     | 54              | ND<100        | ND<500                       | ND<2.0                                    | ND<2.0                     | ND<2.0         | ND<2.0         | ND<2.0         |
| 06/10/03     | ND<50           | ND<100        | ND<500                       | ND<2.0                                    | ND<2.0                     | ND<2.0         | ND<2.0         | ND<2.0         |
| 09/09/03     | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/10/03     | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/09/04     | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/21/04     | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/08/04     | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/14/04     | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/17/05     | 85              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/15/05     | 170             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/20/05     | 210             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/29/05     | ND<200          | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/15/06     | ND<200          | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/28/06     | ND<200          | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/28/06     | 51              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/11/06     | 74              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/19/07     | 63              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/15/07     | 70              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/24/07     | 78              | --            | --                           | --                                        | --                         | --             | --             | --             |

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 7376**

| Date Sampled           | TPH-D<br>(µg/l) | TBA<br>(µg/l) | Ethanol<br>(8260B)<br>(µg/l) | Ethylene-<br>dibromide<br>(EDB)<br>(µg/l) | i,2-DCA<br>(EDC)<br>(µg/l) | DIPE<br>(µg/l) | ETBE<br>(µg/l) | TAME<br>(µg/l) |
|------------------------|-----------------|---------------|------------------------------|-------------------------------------------|----------------------------|----------------|----------------|----------------|
| <b>MW-11 continued</b> |                 |               |                              |                                           |                            |                |                |                |
| 12/27/07               | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/25/08               | 51              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/06/08               | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/05/08               | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/08/08               | 87              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/26/09               | 90              | --            | --                           | --                                        | --                         | --             | --             | --             |
| <b>MW-12</b>           |                 |               |                              |                                           |                            |                |                |                |
| 09/25/01               | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/17/01               | 77              | ND<20         | ND<500                       | ND<1.0                                    | ND<1.0                     | ND<1.0         | ND<1.0         | ND<1.0         |
| 03/15/02               | ND<51           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/20/02               | ND<58           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/27/02               | ND<100          | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/30/02               | ND<50           | ND<100        | ND<500                       | ND<2.0                                    | ND<2.0                     | ND<2.0         | ND<2.0         | ND<2.0         |
| 03/26/03               | ND<50           | ND<100        | ND<500000                    | ND<2.0                                    | ND<2.0                     | ND<2.0         | ND<2.0         | ND<2.0         |
| 06/10/03               | ND<50           | ND<100        | ND<500                       | ND<2.0                                    | ND<2.0                     | ND<2.0         | ND<2.0         | ND<2.0         |
| 09/09/03               | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/10/03               | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/09/04               | 220             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/21/04               | 180             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/08/04               | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/14/04               | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/17/05               | 350             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/15/05               | 330             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/20/05               | 250             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/29/05               | 320             | --            | --                           | --                                        | --                         | --             | --             | --             |

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 7376**

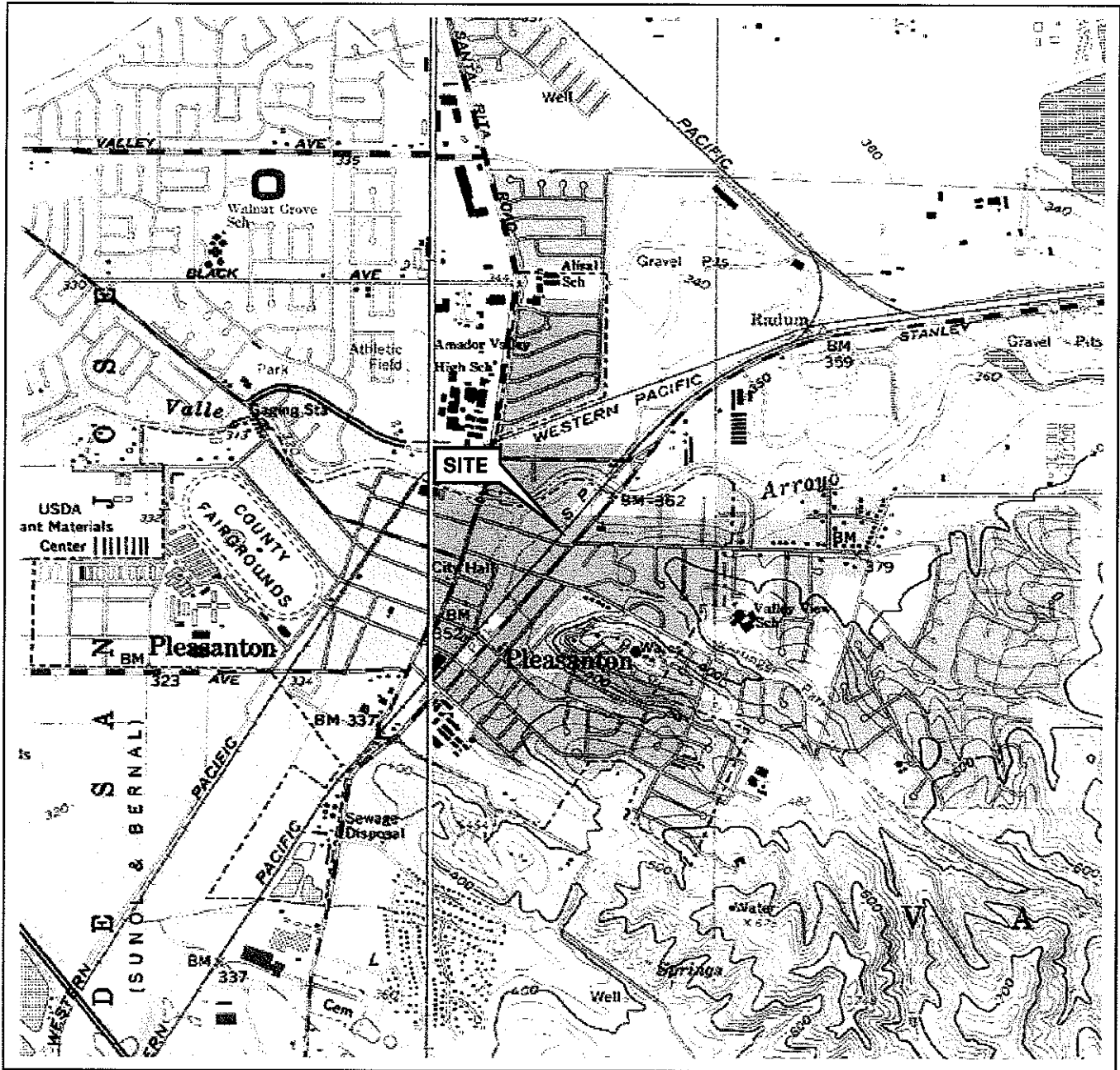
| Date Sampled           | TPH-D<br>(µg/l) | TBA<br>(µg/l) | Ethanol<br>(8260B)<br>(µg/l) | Ethylene-<br>dibromide<br>(EDB)<br>(µg/l) | 1,2-DCA<br>(EDC)<br>(µg/l) | DIPE<br>(µg/l) | ETBE<br>(µg/l) | TAME<br>(µg/l) |
|------------------------|-----------------|---------------|------------------------------|-------------------------------------------|----------------------------|----------------|----------------|----------------|
| <b>MW-12 continued</b> |                 |               |                              |                                           |                            |                |                |                |
| 03/15/06               | 240             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/28/06               | 210             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/28/06               | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/11/06               | 120             | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/19/07               | 99              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/15/07               | 66              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/24/07               | 71              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/27/07               | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/25/08               | 58              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 06/06/08               | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 09/05/08               | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |
| 12/08/08               | 50              | --            | --                           | --                                        | --                         | --             | --             | --             |
| 03/26/09               | ND<50           | --            | --                           | --                                        | --                         | --             | --             | --             |

**TABLE 3**  
**LIQUID PHASE HYDROCARBON RECOVERY DATA**  
**76 STATION 7376**

|      | <u>DATE</u> | <u>LPH Recovered(Gallons)</u> |
|------|-------------|-------------------------------|
| MW-5 | 6/28/06     | 0 02                          |
| MW-5 | 7/12/06     | 0 00                          |
| MW-5 | 8/7/06      | 0 00                          |
| MW-5 | 9/15/06     | 0 00                          |
| MW-5 | 9/28/06     | 0 01                          |
| MW-5 | 10/10/06    | 0 00                          |
| MW-5 | 10/30/06    | 0 00                          |
| MW-5 | 11/10/06    | 0.00                          |
| MW-5 | 11/22/06    | 0.00                          |
| MW-5 | 12/11/06    | 0.02                          |
| MW-5 | 12/21/06    | 0 00                          |
| MW-5 | 1/5/07      | 0 01                          |
| MW-5 | 1/15/07     | 0 00                          |
| MW-5 | 2/5/07      | 0 00                          |
| MW-5 | 2/20/07     | 0 00                          |
| MW-5 | 3/8/07      | 0 00                          |
| MW-5 | 4/12/07     | 0 00                          |
| MW-5 | 4/30/07     | 0 03                          |
| MW-5 | 5/7/07      | 0 00                          |
| MW-5 | 5/23/07     | 0 00                          |
| MW-5 | 6/28/07     | 0 00                          |
| MW-5 | 7/19/07     | 0 00                          |
| MW-5 | 8/1/07      | 0 00                          |
| MW-5 | 8/13/07     | 0.00                          |
| MW-5 | 8/27/07     | 0.00                          |
| MW-5 | 9/14/07     | 0 00                          |
| MW-5 | 10/16/07    | 0 00                          |
| MW-5 | 10/29/07    | 0 00                          |
| MW-5 | 11/16/07    | 0 00                          |
| MW-5 | 12/7/07     | 0 00                          |
| MW-5 | 1/7/08      | 0 00                          |
| MW-5 | 1/28/08     | 0 00                          |
| MW-5 | 2/15/08     | 0 00                          |
| MW-5 | 2/29/08     | 0 00                          |
| MW-5 | 3/25/08     | 0 00                          |
| MW-5 | 4/11/08     | 0 00                          |
| MW-5 | 4/22/08     | 0 00                          |
| MW-5 | 5/5/08      | 0.00                          |
| MW-5 | 5/20/08     | 0 00                          |
| MW-5 | 6/6/08      | 0 00                          |
| MW-5 | 6/23/08     | 0 00                          |
| MW-5 | 7/1/08      | 0 00                          |
| MW-5 | 7/18/08     | 0 00                          |
| MW-5 | 8/7/08      | 0 00                          |
| MW-5 | 8/26/08     | 0 04                          |
| MW-5 | 9/16/08     | 0 00                          |
| MW-5 | 10/3/08     | 0 00                          |
| MW-5 | 10/17/08    | 0 00                          |
| MW-5 | 11/5/08     | 0 00                          |
| MW-5 | 11/26/08    | 0 00                          |
| MW-5 | 12/8/08     | 0 01                          |
| MW-5 | 12/24/08    | 0 00                          |
| MW-5 | 1/15/09     | 0 00                          |
| MW-5 | 1/30/09     | 0 00                          |
| MW-5 | 2/6/09      | 0 00                          |
| MW-5 | 3/6/09      | 0 00                          |
| MW-5 | 3/26/09     | 0 00                          |

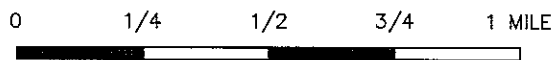
**Total LPH Recovered (gallons):           0.14**

# FIGURES



SOURCE:

United States Geological Survey  
7.5 Minute Topographic Map:  
Livemore Quadrangle



SCALE 1: 24,000



QUADRANGLE  
LOCATION



FACILITY:


76 STATION 7376  
4191 FIRST STREET  
PLEASANTON, CALIFORNIA


VICINITY MAP

FIGURE 1




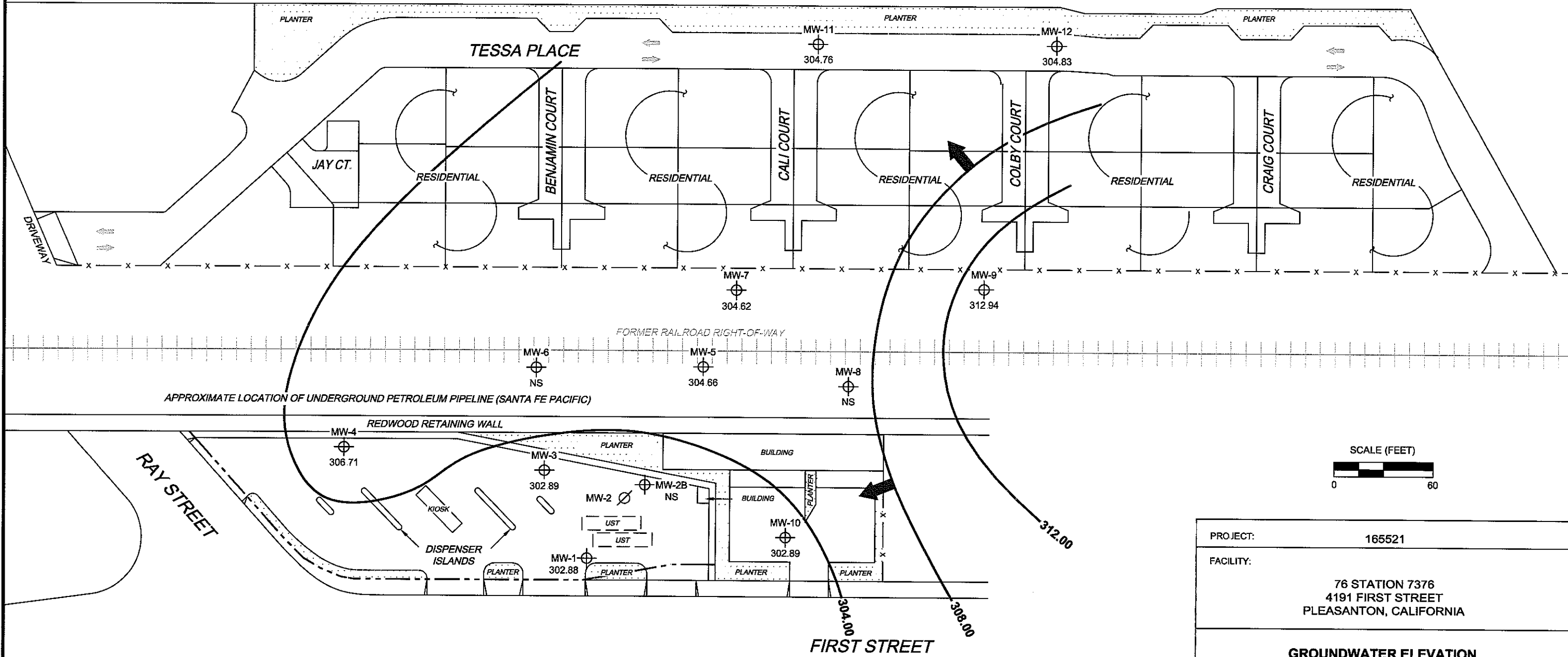
**LEGEND**

MW-12  Monitoring Well with Groundwater Elevation (feet)

MW-2  Abandoned well

312.00  Groundwater Elevation Contour

 General Direction of Groundwater Flow



|                                                                |                                                                |
|----------------------------------------------------------------|----------------------------------------------------------------|
| PROJECT:                                                       | 165521                                                         |
| FACILITY:                                                      | 76 STATION 7376<br>4191 FIRST STREET<br>PLEASANTON, CALIFORNIA |
| <b>GROUNDWATER ELEVATION<br/>CONTOUR MAP</b><br>March 26, 2009 |                                                                |

**NOTES:**

Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. NS = not surveyed. UST = underground storage tank




**FIGURE 2**

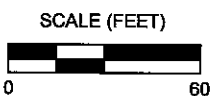
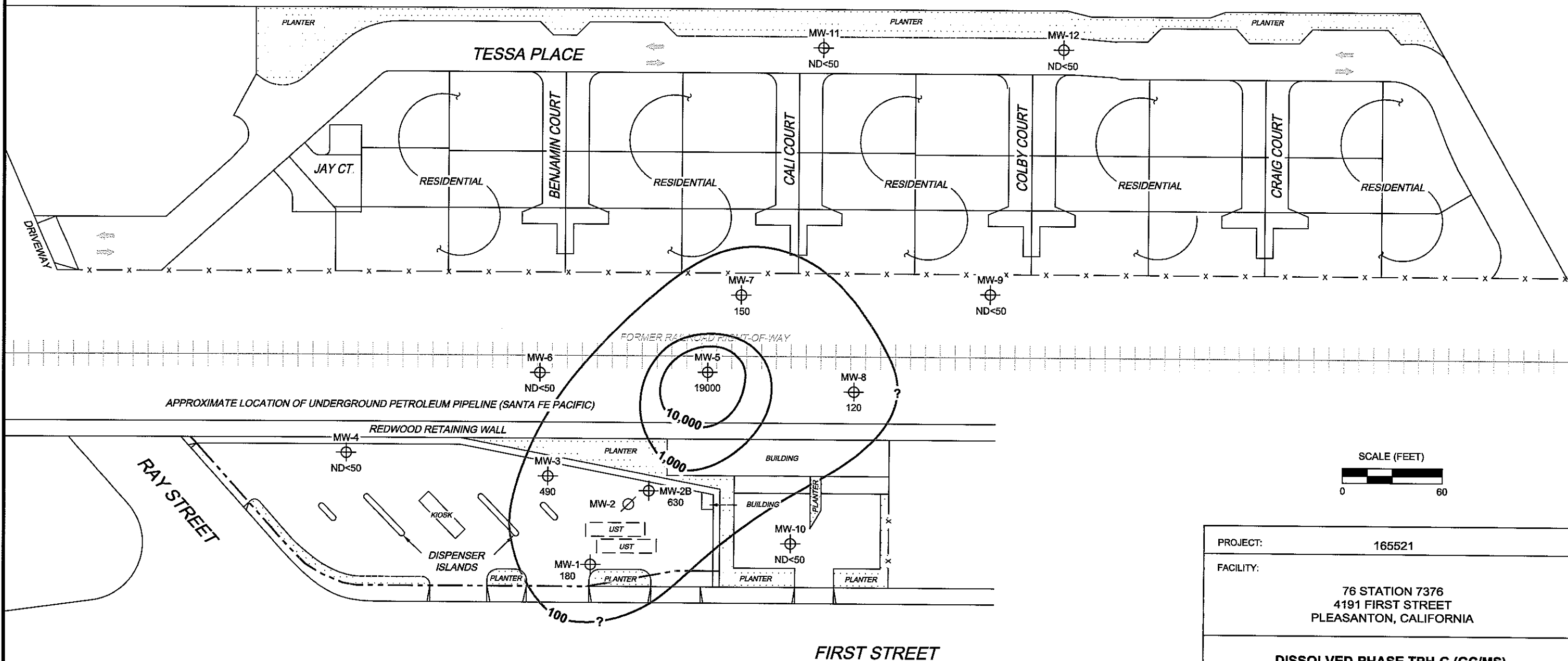
MS-1-60 7376-003 L:\Graphics\CMS NORTH-SOUTH\7376+17376\pns(new).dwg Apr 14, 2009 - 9:53am bschmidt

**LEGEND**

MW-12  Monitoring Well with Dissolved-Phase TPH-G (GC/MS) Concentration (µg/l)

MW-2  Abandoned well

 10,000 Dissolved-Phase TPH-G (GC/MS) Contour (µg/l)



|                                                                              |                                                                |
|------------------------------------------------------------------------------|----------------------------------------------------------------|
| PROJECT:                                                                     | 165521                                                         |
| FACILITY:                                                                    | 76 STATION 7376<br>4191 FIRST STREET<br>PLEASANTON, CALIFORNIA |
| <b>DISSOLVED-PHASE TPH-G (GC/MS)<br/>CONCENTRATION MAP</b><br>March 26, 2009 |                                                                |




**FIGURE 3**

**NOTES:**

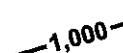
Contour lines are interpretive and based on laboratory analysis results of groundwater samples.  
 TPH-G (GC/MS) = total petroleum hydrocarbons with gasoline distinction utilizing EPA Method 8260B.  
 µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report  
 UST = underground storage tank.

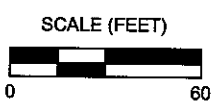
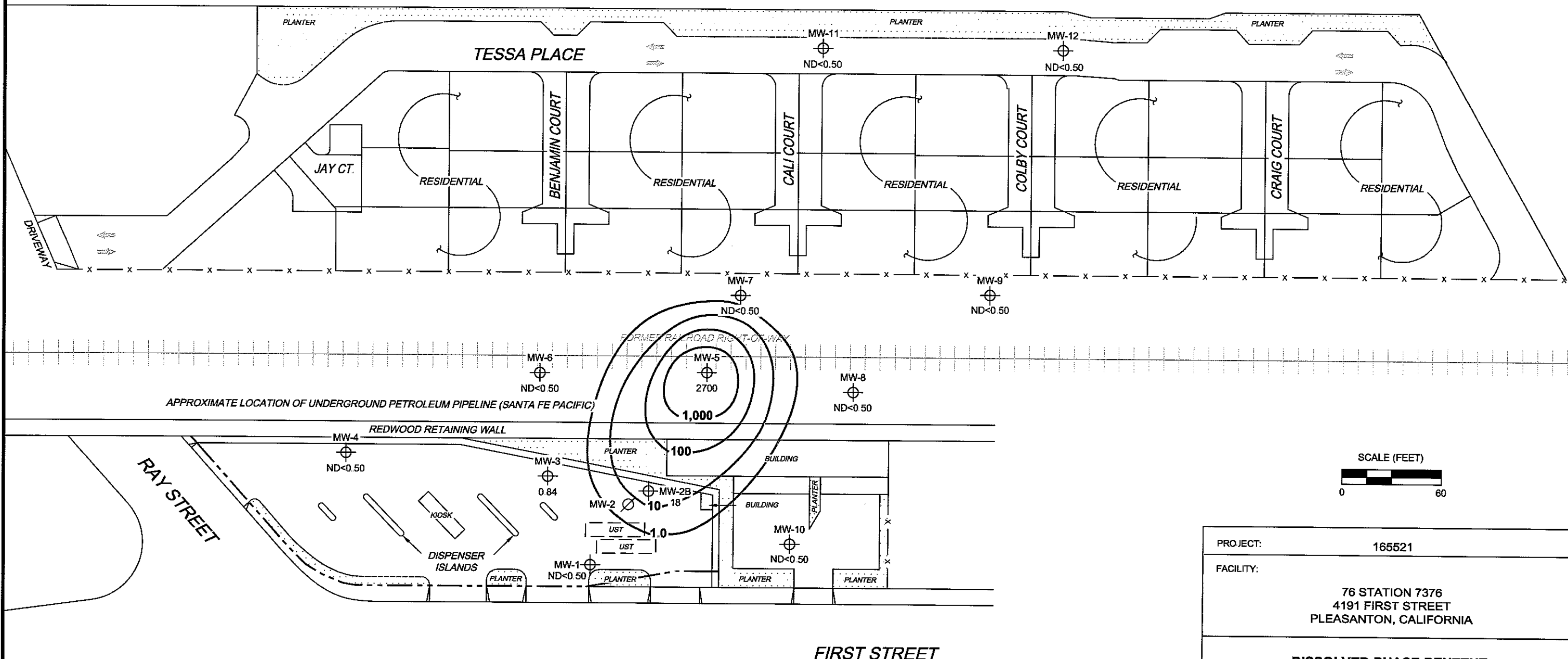
MS=1:60 7376-003 L:\Graphics\QMS NORTH-SOUTH\7376-003\7376gms(new).dwg Apr 14, 2009 - 8:42am bschmidt


**LEGEND**

MW-12  Monitoring Well with Dissolved-Phase Benzene Concentration (µg/l)

MW-2  Abandoned well

 1,000 Dissolved-Phase Benzene Contour (µg/l)




|                                                                                       |                                                                |
|---------------------------------------------------------------------------------------|----------------------------------------------------------------|
| PROJECT:                                                                              | 165521                                                         |
| FACILITY:                                                                             | 76 STATION 7376<br>4191 FIRST STREET<br>PLEASANTON, CALIFORNIA |
| <b>DISSOLVED-PHASE BENZENE<br/>CONCENTRATION MAP</b><br>March 26, 2009                |                                                                |
|  | <b>FIGURE 4</b>                                                |


**NOTES:**

Contour lines are interpretive and based on laboratory analysis results of groundwater samples.  
µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report.  
UST = underground storage tank.

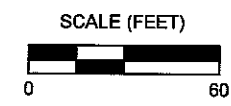
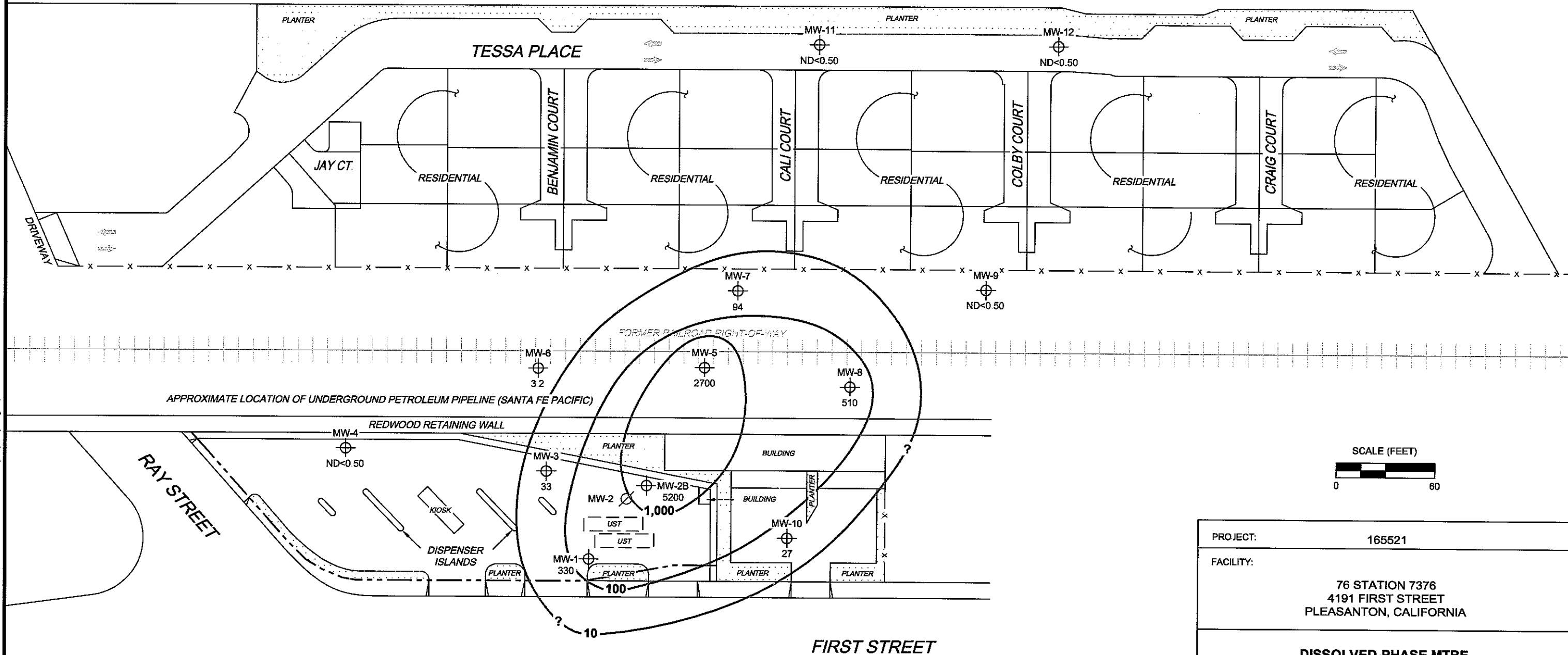
MS-1:60 7376-003 L:\Graphics\QIMS NORTH-SOUTH\7376-17376qms(new).dwg Apr 14, 2009 - 9:54am bschmidt


**LEGEND**

MW-12  Monitoring Well with Dissolved-Phase MTBE Concentration ( $\mu\text{g/l}$ )

MW-2  Abandoned well

 1,000 Dissolved-Phase MTBE Contour ( $\mu\text{g/l}$ )



|                                                                                       |                                                                |
|---------------------------------------------------------------------------------------|----------------------------------------------------------------|
| PROJECT:                                                                              | 165521                                                         |
| FACILITY:                                                                             | 76 STATION 7376<br>4191 FIRST STREET<br>PLEASANTON, CALIFORNIA |
| <b>DISSOLVED-PHASE MTBE<br/>CONCENTRATION MAP</b><br>March 26, 2009                   |                                                                |
|  | <b>FIGURE 5</b>                                                |

**NOTES:**

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. MTBE = methyl tertiary butyl ether.  $\mu\text{g/l}$  = micrograms per liter. ND = not detected at limit indicated on official laboratory report. UST = underground storage tank. Results obtained using EPA Method 8260B.

**ATTACHMENT E**  
Historic Boring Logs

# UNIFIED SOIL CLASSIFICATION SYSTEM

| MAJOR DIVISIONS      |                           | LTR | DESCRIPTION                                                       | MAJOR DIVISIONS    | LTR                     | DESCRIPTION          |                                                                                                                     |
|----------------------|---------------------------|-----|-------------------------------------------------------------------|--------------------|-------------------------|----------------------|---------------------------------------------------------------------------------------------------------------------|
| COARSE GRAINED SOILS | GRAVEL AND GRAVELLY SOILS | GW  | Well-graded gravels or gravel sand mixtures, little or no fines.  | FINE GRAINED SOILS | SILTS AND CLAYS LL < 50 | ML                   | Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity. |
|                      |                           | GP  | Poorly-graded gravels or gravel sand mixture, little or no fines. |                    |                         | CL                   | Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays.                  |
|                      |                           | GM  | Silty gravels, gravel-sand-clay mixtures.                         |                    |                         | OL                   | Organic silts and organic silt-clays of low plasticity.                                                             |
|                      |                           | GC  | Clayey gravels, gravel-sand-clay mixtures.                        |                    |                         | MH                   | Inorganic silts, micaceous or distonaceous fine sandy or silty soils, elastic silts.                                |
|                      | SAND AND SANDY SOILS      | SW  | Well-graded sands or gravelly sands, little or no fines.          |                    | SILTS AND CLAYS LL < 50 | CH                   | Inorganic clays of high plasticity, fat clays.                                                                      |
|                      |                           | SP  | Poorly-graded sands or gravelly sands, little or no fines.        |                    |                         | OH                   | Organic clays of medium to high plasticity.                                                                         |
|                      |                           | SM  | Silty sands, sand-silt mixtures.                                  |                    |                         | Pt                   | Peat and other highly organic soils.                                                                                |
|                      |                           | SC  | Clayey sands, sand-clay mixtures.                                 |                    |                         | HIGHLY ORGANIC SOILS |                                                                                                                     |

Depth through which sampler is driven

Relatively undisturbed sample

Missed sample

Ground water level observed in boring

S-10 Sample number



Sand pack



Bentonite annular seal



Neat cement annular seal



Blank PVC



Machine-slotted PVC

BLOW/FT. REPRESENTS THE NUMBER OF BLOWS OF A 140-POUND HAMMER FALLING 30 INCHES TO DRIVE THE SAMPLER THROUGH THE LAST 12 INCHES OF AN 18 INCH PENETRATION.

DASHED LINES SEPARATING UNITS ON THE LOG REPRESENT APPROXIMATE BOUNDARIES ONLY. ACTUAL BOUNDARIES MAY BE GRADUAL. LOGS REPRESENT SUBSURFACE CONDITIONS AT THE BORING LOCATION AT THE TIME OF DRILLING ONLY.



UNIFIED SOIL CLASSIFICATION SYSTEM  
AND SYMBOL KEY  
Arco Station  
First and Ray Street  
Pleasanton, California

PLATE

P-3

PROJECT NO. AGS 87065-1

| DEPTH IN FEET | Blows/<br>Ft. | Sample<br>No. | USCS | DESCRIPTION                                                                          | WELL<br>CONST.                   |
|---------------|---------------|---------------|------|--------------------------------------------------------------------------------------|----------------------------------|
|               | 0             |               |      |                                                                                      | Asphalt (4") over Road base (8") |
| 2             |               |               | CL   | Silty clay, fill, black, dry, hard, high plasticity, slight product odor.            |                                  |
| 4             |               |               | GC   | Gravel, fill, dry, hard.                                                             |                                  |
| 6             |               |               | CL   | Silty clay, green-orange, mottled, fill.                                             |                                  |
| 8             |               |               | CL   | Silty clay, dark brown, damp, medium plasticity, moderate product odor.              |                                  |
| 10            | 11            | S-11          |      | No recovery                                                                          |                                  |
| 12            |               |               |      |                                                                                      |                                  |
| 14            |               |               |      |                                                                                      |                                  |
| 16            | 100+          | S-16          |      | With green mottling, hard.                                                           |                                  |
| 18            |               |               |      |                                                                                      |                                  |
| 20            | 66            | S-21          |      | Brown-green, strong product odor.                                                    |                                  |
| 22            |               |               | GC   | Gravelly clay, green-brown, damp, very stiff, strong product odor.                   |                                  |
| 24            |               |               |      |                                                                                      |                                  |
| 26            | 19            | S-26          |      |                                                                                      |                                  |
| 28            |               |               |      |                                                                                      |                                  |
| 30            |               |               | CL   | Silty clay, gray-green, damp to moist, hard, medium plasticity, strong product odor. |                                  |

(Section continues downward)



Applied GeoSystems  
4125 Alvarado Blvd. Suite B, Livermore, CA 94551-4115-7706

**LOG OF BORING B-1**

Arco Station  
First and Ray Street  
Pleasanton, California

PLATE  
P-4

PROJECT NO. AGS 87065-1

| DEPTH IN FEET | Blows/<br>Ft. | Sample<br>No. | USCS | DESCRIPTION                                                                                  | WELL<br>CONST.                                                                       |
|---------------|---------------|---------------|------|----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|               | 30            | 46            | S-30 | CL                                                                                           | Silty clay, gray-green, damp to moist, hard, medium plasticity, strong product odor. |
| 32            |               |               |      |                                                                                              |                                                                                      |
| 34            |               |               | GC   | Gravelly clay with sand, gray-green, moist, hard, strong product odor.                       |                                                                                      |
| 36            | 84            | S-36          |      |                                                                                              |                                                                                      |
| 38            |               |               | CL   | Silty clay with some gravel, green-gray, damp, hard, medium plasticity, strong product odor. |                                                                                      |
| 40            | 56            | S-41          |      |                                                                                              |                                                                                      |
| 42            |               |               |      |                                                                                              |                                                                                      |
| 44            |               |               |      |                                                                                              |                                                                                      |
| 46            | 64            | S-46          |      | Brown with green mottling, moderate product odor.                                            |                                                                                      |
| 48            |               |               |      | Total Depth = 46.5 feet<br>No ground water encountered at time of drilling                   |                                                                                      |
| 50            |               |               |      |                                                                                              |                                                                                      |



**LOG OF BORING B-1**

Arco Station  
First and Ray Street  
Pleasanton, California

PLATE

P-5

PROJECT NO. AGS 87065-1



| DEPTH IN FEET | Blows/<br>Ft. | Sample<br>No. | USCS | DESCRIPTION                                                                                   | WELL<br>CONST. |
|---------------|---------------|---------------|------|-----------------------------------------------------------------------------------------------|----------------|
|               |               |               |      |                                                                                               |                |
| 0             |               |               |      | Asphalt (4") over road base (8")                                                              |                |
| 2             |               |               | CL   | Silty clay, fill, black, dry, hard, high plasticity, slight product odor.                     |                |
| 4             |               |               | GC   | Gravel, fill, dry, hard,                                                                      |                |
| 6             | 74            | S-6           | CL   | Silty clay with gravel, fill, black, dry, hard, medium plasticity, slight product odor.       |                |
| 8             |               |               | CL   | Silty clay, black, slightly damp, stiff, medium plasticity, slight product odor.              |                |
| 10            |               |               |      |                                                                                               |                |
| 12            | 9             | S-11          |      |                                                                                               |                |
| 14            |               |               |      |                                                                                               |                |
| 16            | 44            | S-16          |      | Damp, hard.                                                                                   |                |
| 18            |               |               |      |                                                                                               |                |
| 20            |               |               |      |                                                                                               |                |
| 22            | 61            | S-21          |      | Orange-brown.                                                                                 |                |
| 24            |               |               | GC   | Gravelly clay, green-brown to dark brown, damp, hard, medium plasticity, strong product odor. |                |
| 26            | 49            | S-26          |      |                                                                                               |                |
| 28            |               |               |      |                                                                                               |                |
| 30            |               |               | CL   | Silty clay, gray-green, damp, medium plasticity, very stiff, strong product odor.             |                |

(Section continues downward)



## LOG OF BORING B-2

Arco Station  
 First and Ray Street  
 Pleasanton, California

PLATE

P-6

PROJECT NO. AGS 87065-1

| DEPTH IN FEET | Blows/<br>Ft.                                                                | Sample<br>No. | USCS | DESCRIPTION                                                                          | WELL<br>CONST.                                                                    |
|---------------|------------------------------------------------------------------------------|---------------|------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
|               | 30                                                                           | 32            | S-30 | CL                                                                                   | Silty clay, gray-green, damp, medium plasticity, very stiff, strong product odor. |
| 32            |                                                                              |               |      |                                                                                      |                                                                                   |
| 34            |                                                                              |               | GC   | Gravelly clay, gray-green, moist, hard, medium plasticity, very strong product odor. |                                                                                   |
| 36            | 90                                                                           | S-36          |      |                                                                                      |                                                                                   |
| 38            |                                                                              |               | CL   | Silty clay, green-gray, very strong product odor.                                    |                                                                                   |
| 40            |                                                                              |               |      |                                                                                      |                                                                                   |
| 42            | 47                                                                           | S-41          | CL   | Silty clay, orange-brown, damp, hard, medium plasticity, strong product odor.        |                                                                                   |
| 44            |                                                                              |               |      |                                                                                      |                                                                                   |
| 46            | 70                                                                           | S-46          |      | With green-gray mottling.                                                            |                                                                                   |
| 48            | Total Depth = 46.5 feet.<br>No ground water encountered at time of drilling. |               |      |                                                                                      |                                                                                   |
| 50            |                                                                              |               |      |                                                                                      |                                                                                   |



**LOG OF BORING B-2**  
 Arco Station  
 First and Ray Street  
 Pleasanton, California

**PLATE**  
 P-7

**PROJECT NO. AGS 87065-1**

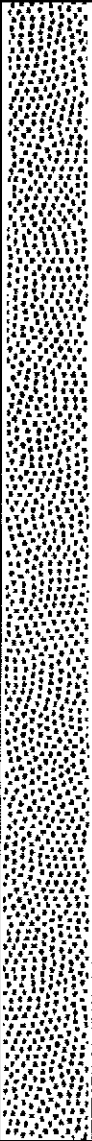
| DEPTH IN FEET | Blows/<br>Fl. | Sample<br>No. | USCS | DESCRIPTION                                                                                      | WELL<br>CONST.                   |
|---------------|---------------|---------------|------|--------------------------------------------------------------------------------------------------|----------------------------------|
|               | 0             |               |      |                                                                                                  | Asphalt (4") over road base (8") |
| 2             |               |               | CL   | Silty clay, black, slightly damp, medium stiff, medium plasticity, slight product odor.          |                                  |
| 4             |               |               |      |                                                                                                  |                                  |
| 6             | 15            | S-6           |      |                                                                                                  |                                  |
| 8             |               |               |      |                                                                                                  |                                  |
| 10            | 33            | S-11          | CL   | Silty clay, green-gray, damp, stiff to hard, medium plasticity, moderate to strong product odor. |                                  |
| 12            |               |               |      |                                                                                                  |                                  |
| 14            |               |               |      |                                                                                                  |                                  |
| 16            | 56            | S-16          |      |                                                                                                  |                                  |
| 18            |               |               |      |                                                                                                  |                                  |
| 20            | 61            | S-21          |      | Orange-brown, hard.                                                                              |                                  |
| 22            |               |               |      |                                                                                                  |                                  |
| 24            |               |               |      |                                                                                                  |                                  |
| 26            | 38            | S-26          |      |                                                                                                  |                                  |
| 28            |               |               |      |                                                                                                  |                                  |
| 30            |               |               |      |                                                                                                  |                                  |



**LOG OF BORING B-3**  
 Arco Station  
 First and Ray Street  
 Pleasanton, California

PLATE  
 P-8

PROJECT NO. AGS 87065-1

| DEPTH IN FEET | Blows/<br>Ft. | Sample<br>No. | USCS | DESCRIPTION                                                                                              | WELL<br>CONST.                                                                       |
|---------------|---------------|---------------|------|----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| 30            | 80            | S-31          | GC   | Gravelly clay, brown, green-brown, damp, hard,<br>medium plasticity, moderate to strong product<br>odor. |  |
| 32            |               |               |      |                                                                                                          |                                                                                      |
| 34            |               |               |      | Strong product odor.                                                                                     |                                                                                      |
| 36            | 67            | S-36          |      |                                                                                                          |                                                                                      |
| 38            |               |               |      | No recovery.                                                                                             |                                                                                      |
| 40            | 43            | S-41          |      |                                                                                                          |                                                                                      |
| 42            |               |               |      |                                                                                                          |                                                                                      |
| 44            |               |               |      |                                                                                                          |                                                                                      |
| 46            | 63            | S-45          |      |                                                                                                          |                                                                                      |
| 48            |               |               |      |                                                                                                          |                                                                                      |
| 50            |               |               |      | Total Depth = 55 feet<br>No ground water encountered at time of<br>drilling.                             |                                                                                      |
| 52            |               |               |      |                                                                                                          |                                                                                      |
| 54            |               |               |      |                                                                                                          |                                                                                      |
| 56            |               |               |      |                                                                                                          |                                                                                      |
| 58            |               |               |      |                                                                                                          |                                                                                      |



# LOG OF BORING B-3

Arco Station  
First and Ray Street  
Pleasanton, California

PLATE

P-9

PROJECT NO. AGS 87065-1

| Blows/<br>Ft. | Sample<br>No. | USCS | DESCRIPTION                                                                                                                             | WELL<br>CONST. |
|---------------|---------------|------|-----------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 0             |               |      | Asphalt (4") over road fill (6").                                                                                                       | WELL<br>CONST. |
| 2             |               | ML   | Clayey silt, black, slightly damp, slight plasticity, medium stiff, very slight product odor.                                           |                |
| 4             |               | CL   | Silty clay with gravelly and sandy lenses, brown black, slightly damp, slight plasticity, very stiff, slight product odor.              |                |
| 6             | 25            | S-5  |                                                                                                                                         |                |
| 8             |               | CL   | Silty clay with trace sand and some gravel, lenses of silty clay, brown and black, damp, slight plasticity, stiff, slight product odor. |                |
| 10            | 11            | S-10 |                                                                                                                                         |                |
| 12            |               |      |                                                                                                                                         |                |
| 14            |               |      |                                                                                                                                         |                |
| 16            | 69            | S-15 | With trace sand, brown and green, hard, moderate product odor.                                                                          |                |
| 18            |               |      |                                                                                                                                         |                |
| 20            | 28            | S-20 | Clay with trace silt, green, damp, medium plasticity, very stiff, moderate to strong product odor.                                      |                |
| 22            |               | GC   | Gravelly clay with some silt and sand, green, damp, no plasticity, dense, moderate to strong product odor.                              |                |
| 24            |               |      |                                                                                                                                         |                |
| 26            | 36            | S-25 |                                                                                                                                         |                |
| 28            |               | CL   | Clay with some silt, trace gravel and sand, and lenses of silt, damp, medium plasticity, hard, moderate to strong product odor.         |                |
| 30            |               |      |                                                                                                                                         |                |

(Section continues downward)



**LOG OF BORING B-4**  
 Arco Station  
 First and Ray Street  
 Pleasanton, California

**PLATE**  
 P-10

**PROJECT NO.** AGS 87086-1

| Blows/<br>Ft. | Sample<br>No. | USCS | DESCRIPTION                                                                                                                         | WELL<br>CONST. |
|---------------|---------------|------|-------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 30            | S-30          | CL   | Clay with some silt, trace gravel and sand, and lenses of silt, damp, medium plasticity, hard, moderate to strong product odor.     |                |
| 32            |               |      |                                                                                                                                     |                |
| 34            | S-35          | GC   | Gravelly clay with silt and sand, green-brown, very moist, no plasticity, hard, strong product odor.                                |                |
| 36            |               |      |                                                                                                                                     |                |
| 38            | S-40          | CL   | Silty clay with some sand and lenses of gravel, sand and silt, orange, slightly damp, slight plasticity, hard, slight product odor. |                |
| 40            |               |      |                                                                                                                                     |                |
| 42            | S-45          | CL   | Clay with trace silt and gravel, orange, slightly damp, medium plasticity, hard, slight product odor.                               |                |
| 44            |               |      |                                                                                                                                     |                |
| 46            | S-50          |      | With some sand and silt, brown, damp, slight plasticity.                                                                            |                |
| 48            |               |      |                                                                                                                                     |                |
| 50            | S-55          |      | With some sand and trace silt, slightly damp, medium plasticity, very stiff.                                                        |                |
| 52            |               |      |                                                                                                                                     |                |
| 54            |               |      |                                                                                                                                     |                |
| 56            |               |      |                                                                                                                                     |                |
| 58            |               |      |                                                                                                                                     |                |
| 60            |               |      |                                                                                                                                     |                |

(Section continues downward)



**LOG OF BORING B-4**

Arco Station  
 First and Ray Street  
 Pleasanton, California

**PLATE**  
 P-11

**PROJECT NO. 87086-1**

| DEPTH IN FEET | Blows/<br>Ft. | Sample<br>No. | USCS | DESCRIPTION                                                                                                                    | WELL<br>CONST.                                                                         |
|---------------|---------------|---------------|------|--------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
|               | 60            | 72            | S-60 | CL                                                                                                                             | Gravelly clay with some silt, orange, moist, slight plasticity, hard, no product odor. |
| 62            |               |               |      |                                                                                                                                |                                                                                        |
| 64            |               |               |      |                                                                                                                                |                                                                                        |
| 66            | 72            | S-65          |      | Clay with some sand and trace silt. medium plasticity.                                                                         |                                                                                        |
| 68            |               |               |      | Total Depth = 66.5 feet.<br>Boring terminated after 2 consecutive clean samples after 55 feet.<br>No ground water encountered. |                                                                                        |
| 70            |               |               |      |                                                                                                                                |                                                                                        |



**LOG OF BORING B-4**

Arco Station  
First and Ray Street  
Pleasanton, California

PLATE  
P-12

PROJECT NO. 8708601

Gettler-Ryan Inc.

Log of Boring B-8

PROJECT: *Tosco (Unocal) Service Station No. 7376*

LOCATION: *419 First Street, Pleasanton, CA*

PROJECT NO.: *140107.02*

CASING ELEVATION:

DATE STARTED: *06/08/98*

WL (ft. bgs): *65*      DATE:      TIME:

DATE FINISHED: *06/08/98*












WL (ft. bgs):      DATE:      TIME:

DRILLING METHOD: *8" hollow-stem auger*

TOTAL DEPTH: *71.5 Feet*

DRILLING COMPANY: *Woodward Drilling*

GEOLOGIST: *Clyde Galantine*

| DEPTH<br>feet | PTD<br>(ppm) | BLOWS/FT. * | SAMPLE NUMBER | SAMPLE INT.                                                                         | GRAPHIC LOG                                                                         | SOIL CLASS | GEOLOGIC DESCRIPTION                                                                                                                            | REMARKS                                                                              |
|---------------|--------------|-------------|---------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| 0             |              |             |               |                                                                                     |    | CL         | Asphalt.<br>CLAY (CL) - very dark grayish brown (10YR 3/2), damp, stiff, medium plasticity, 70% clay, 30% silt.                                 | Boring backfilled to ground surface with neat cement containing 5% bentonite powder. |
| 5             | 1            | 20          | B-8-6         |    |    | CL         | Color change to dark yellowish brown (10YR 4/6), becomes damp, hard, 60% clay, 30% silt, 10% fine to medium sand, trace gravel.                 |                                                                                      |
| 10            | 2            | 28          | B-8-11.5      |  |  | ML         | SILT (ML) - dark yellowish brown (10YR 4/6), damp, hard, no plasticity, 55% silt, 40% clay, 5% fine sand.                                       |                                                                                      |
| 15            | 2            | 37          | B-8-16        |  |  | ML         | 30% gravel layer from 15 to 15.5 feet.                                                                                                          |                                                                                      |
| 20            | 2            | 50          | B-8-21        |  |  | GW         | GRAVEL WITH SAND (GW) - dark yellowish brown (10YR 4/6), moist, dense, 65% subangular to rounded fine gravel, 30% fine to coarse sand, 5% clay. |                                                                                      |
| 25            | 2            | 66          | B-8-25.5      |  |  | GW         | Color change to brown (10YR 4/3).                                                                                                               |                                                                                      |





Gettler-Ryan Inc.

Log of Boring B-8

PROJECT: *Tosco (Unocal) Service Station No. 7376*

LOCATION: *419 First Street, Pleasanton, CA*

| DEPTH<br>feet | PID<br>(ppm) | BLOKS/FT. * | SAMPLE NUMBER | SAMPLE INT. | GRAPHIC LOG | SOIL CLASS | GEOLOGIC DESCRIPTION                                                                                                                                                            | REMARKS |
|---------------|--------------|-------------|---------------|-------------|-------------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
|               | 1            | 39          | B-8-615       |             |             | ML         | SILT (ML) - strong brown (7.5YR 4/6), damp, hard, no plasticity, 60% silt, 30% clay, 5% fine to coarse sand, 5% fine gravel.                                                    |         |
| 65            | 1            | 48          | B-8-66        |             |             | SW         | SAND (SW) - dark brown (7.5YR 4/4), saturated, very dense, 85% subangular to rounded fine to very coarse sand, 5% clay, trace fine gravel.                                      |         |
| 70            | 1            | 41          | B-8-715       |             |             | CL         | CLAY (CL) - light yellowish brown (2.5Y 6/3) to strong brown (7.5YR 4/6), damp, hard, high plasticity, 100% clay, trace fine gravel in thin layers, iron oxide staining layers. |         |
| 75            |              |             |               |             |             |            |                                                                                                                                                                                 |         |
| 80            |              |             |               |             |             |            |                                                                                                                                                                                 |         |
| 85            |              |             |               |             |             |            |                                                                                                                                                                                 |         |
| 90            |              |             |               |             |             |            |                                                                                                                                                                                 |         |

| Gettler-Ryan Inc.                                       |           |             |               |             |             | Log of Boring B-9                                 |                                                                                                                                                             |                                                                                      |
|---------------------------------------------------------|-----------|-------------|---------------|-------------|-------------|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| PROJECT: <i>Tosco (Unocal) Service Station No. 7376</i> |           |             |               |             |             | LOCATION: <i>419 First Street, Pleasanton, CA</i> |                                                                                                                                                             |                                                                                      |
| PROJECT NO.: <i>140107.02</i>                           |           |             |               |             |             | CASING ELEVATION:                                 |                                                                                                                                                             |                                                                                      |
| DATE STARTED: <i>06/08/98</i>                           |           |             |               |             |             | WL (ft. bgs): <i>05</i>                           | DATE: TIME:                                                                                                                                                 |                                                                                      |
| DATE FINISHED: <i>06/08/98</i>                          |           |             |               |             |             | WL (ft. bgs):                                     | DATE: TIME:                                                                                                                                                 |                                                                                      |
| DRILLING METHOD: <i>8" hollow-stem auger</i>            |           |             |               |             |             | TOTAL DEPTH: <i>81 Feet</i>                       |                                                                                                                                                             |                                                                                      |
| DRILLING COMPANY: <i>Woodward Drilling</i>              |           |             |               |             |             | GEOLOGIST: <i>Clyde Galantine</i>                 |                                                                                                                                                             |                                                                                      |
| DEPTH<br>feet                                           | PTD (ppm) | BLOWS/FT. * | SAMPLE NUMBER | SAMPLE INT. | GRAPHIC LOG | SOIL CLASS                                        | GEOLOGIC DESCRIPTION                                                                                                                                        | REMARKS                                                                              |
| 5                                                       |           | 55          |               |             |             | ML                                                | Asphalt.<br>SILT (ML) - yellowish brown (10YR 5/4), damp, hard, no plasticity, 100% silt, trace fine sand.                                                  | Boring backfilled to ground surface with neat cement containing 5% bentonite powder. |
| 10                                                      | 1         | 35          | B-9-11        |             |             | ML                                                | No recovery.<br><br>Color change to yellowish brown (10YR 5/6), becomes 80% silt, 20% clay, non oxide crenulations.                                         |                                                                                      |
| 15                                                      | 0         | 68          | B-9-15.5      |             |             | GC                                                | CLAYEY GRAVEL WITH SAND (GC) - dark yellowish brown (10YR 4/4), damp, very dense, 80% subangular to rounded fine gravel, 25% fine to coarse sand, 15% clay. |                                                                                      |
| 20                                                      | 1         | 49          | B-9-21.5      |             |             | CL                                                | CLAY WITH SAND (CL) - dark yellowish brown (10YR 4/6), damp, hard, slight plasticity, 80% clay, 20% silt, 20% fine to medium sand, trace fine gravel.       |                                                                                      |
| 25                                                      | 1         | 43          | B-9-26        |             |             | SW                                                | SAND (SW) - yellowish brown (10YR 5/4), damp, very dense, 95% subangular to rounded fine to very coarse sand, 5% silt, trace fine gravel.                   |                                                                                      |

Gettler-Ryan Inc.

Log of Boring B-9

PROJECT: *Tosco (Unocal) Service Station No. 7376*

LOCATION: *419 First Street, Pleasanton, CA*

| DEPTH feet | PID (ppm) | BLOWS/FT. * | SAMPLE NUMBER | SAMPLE INT. | GRAPHIC LOG | SOIL CLASS | GEOLOGIC DESCRIPTION                                                                                                                                                          | REMARKS |
|------------|-----------|-------------|---------------|-------------|-------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 33         |           | 70          |               |             |             | SW<br>GW   | No sample; rock in shoe.<br><br>GRAVEL (GW) - olive brown (2.5Y 4/3), damp, very dense, 65% subangular to rounded fine to coarse gravel, 35% fine to coarse sand, trace silt. |         |
| 38         | 1         | 70          | B-9-36        |             |             | ML         | Becomes 60% gravel, 20% sand, 20% clay at contact.<br><br>SILT (ML) - dark yellowish brown (10YR 4/6), damp, hard, no plasticity, 65% silt, 35% clay, trace sand.             |         |
| 43         | 1         | 44          | B-9-41        |             |             | SC         | Color change to dark brown (10YR 3/3), 65% silt, 25% clay, 10% fine to medium sand.                                                                                           |         |
| 48         | 1         | 38          | B-9-46        |             |             | GC         | CLAYEY SAND (SC) - dark brown (10YR 4/4), damp, dense, 80% subangular to rounded fine to very coarse sand, 20% clay, trace fine gravel.                                       |         |
| 53         | -         | 68          | B-9-50.5      |             |             | GC         | CLAYEY GRAVEL WITH SAND (GC) - strong brown (7.5YR 4/6), damp, very dense, 80% subangular to rounded fine gravel, 25% fine to coarse sand, 15% clay.                          |         |
| 58         | -         | 63          | B-9-55.5      |             |             | ML         |                                                                                                                                                                               |         |

Gettler-Ryan Inc.

Log of Boring B-9

PROJECT: Tosco (Unocal) Service Station No. 7376

LOCATION: 419 First Street, Pleasanton, CA

| DEPTH feet | PTD (ppm) | BLOWS/FT. * | SAMPLE NUMBER      | SAMPLE INT. | GRAPHIC LOG | SOIL CLASS     | GEOLOGIC DESCRIPTION                                                                                                                                                                                                                                                              | REMARKS |
|------------|-----------|-------------|--------------------|-------------|-------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
|            | 1         | 33          | B-9-61.5           |             |             | ML             | SILT (ML) - dark yellowish brown (10YR 4/4), damp, hard, no plasticity, 95% silt, 5% clay, trace fine sand.                                                                                                                                                                       |         |
| 65         | 1         | 41          | B-9-68             |             |             | GW             | GRAVEL WITH SAND (GW) - olive brown (2.5Y 4/3), saturated, dense, 60% subangular to rounded fine gravel, 35% fine to coarse sand, 5% clay.                                                                                                                                        |         |
| 70         | 1         | 64          | B-9-70.5           |             |             |                |                                                                                                                                                                                                                                                                                   |         |
| 75         | 2         | 59          | B-9-78             |             |             | SW<br>GW<br>GC | SAND (SW) - olive gray (5Y 4/2), moist, very dense, 100% subangular to rounded fine to coarse sand.<br>GRAVEL WITH CLAY AND SAND (GW-GC) - dark yellowish brown (10YR 4/4), saturated, very dense, 60% subangular to rounded fine gravel, 30% fine to very coarse sand, 10% clay. |         |
| 80         | 65<br>746 | 11<br>29    | B-9-80.5<br>B-9-81 |             |             | ML             | SILT (ML) - yellowish brown (10YR 5/4), damp, hard, no plasticity, 80% silt, 20% clay, trace fine sand.<br>(* Converted to standard penetration blows/foot.)                                                                                                                      |         |
| 85         |           |             |                    |             |             |                |                                                                                                                                                                                                                                                                                   |         |
| 90         |           |             |                    |             |             |                |                                                                                                                                                                                                                                                                                   |         |

Gettler-Ryan Inc.

Log of Boring B-10

PROJECT: *Tosco (Unocal) Service Station No. 7376*

LOCATION: *419 First Street, Pleasanton, CA*

PROJECT NO.: *140107.02*

CASING ELEVATION:

DATE STARTED: *06/11/98*

WL (ft. bgs): *77* DATE: TIME:

DATE FINISHED: *06/11/98*

WL (ft. bgs): DATE: TIME:

DRILLING METHOD: *8" hollow-stem auger*

TOTAL DEPTH: *88.5 Feet*

DRILLING COMPANY: *Woodward Drilling*

GEOLOGIST: *Clyde Galantine*

| DEPTH feet | PID (ppm) | BLOWS/FT. * | SAMPLE NUMBER | SAMPLE INT. | GRAPHIC LOG | SOIL CLASS | GEOLOGIC DESCRIPTION                                                                                                                                                                                                | REMARKS                                                                              |
|------------|-----------|-------------|---------------|-------------|-------------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|            |           |             |               |             |             |            | Asphalt.                                                                                                                                                                                                            |                                                                                      |
|            |           |             |               |             |             | HL         | GRAVEL WITH SAND - fill material.                                                                                                                                                                                   | Boring backfilled to ground surface with neat cement containing 5% bentonite powder. |
| 5          | 2         | 43          | B-10-6        |             |             |            | SANDY SILT WITH GRAVEL (ML) - very dark gray (10YR 3/1), damp, hard, no plasticity, 65% silt, 15% fine gravel, 15% fine to coarse sand, 5% clay.                                                                    |                                                                                      |
|            |           |             |               |             |             |            | Gravel strata from 7 to 7.25 feet.                                                                                                                                                                                  |                                                                                      |
|            | 132       | 28          | B-10-8        |             |             |            | Color change to dark brown (10YR 3/3).                                                                                                                                                                              |                                                                                      |
|            |           | 8           | B-10-9.5      |             |             |            |                                                                                                                                                                                                                     |                                                                                      |
| 10         |           |             |               |             |             |            |                                                                                                                                                                                                                     |                                                                                      |
|            | 280       | 10          | B-10-12       |             |             | GW         | Color change to very dark grayish brown (2.5Y 3/2), becomes saturated, stiff, no plasticity.                                                                                                                        |                                                                                      |
|            |           |             |               |             |             |            | GRAVEL WITH SAND (GW) - black (7.5YR N2/), saturated, very dense, 70% subangular to rounded fine gravel, 25% fine to coarse sand, 5% clay.                                                                          |                                                                                      |
|            | 313       | 35          | B-10-14       |             |             |            |                                                                                                                                                                                                                     |                                                                                      |
| 15         | 11        | 58          | B-10-15       |             |             | ML         | SILT WITH SAND (ML) - olive brown (2.5Y 4/3) to dark yellowish brown (10YR 4/4), damp, hard, no plasticity, 75% silt, 15% fine to coarse sand, 5% fine gravel, 5% clay, hydrocarbons (?) in cracks.                 |                                                                                      |
|            |           |             |               |             |             | SM         | SILTY SAND (SM) - very dark grayish brown (2.5Y 3/2), damp to moist, very dense, 50% subangular to rounded fine to coarse sand, 40% silt, 10% fine gravel, hydrocarbons (?) in cracks.                              |                                                                                      |
|            | 30        | 78          | B-10-18.5     |             |             |            |                                                                                                                                                                                                                     |                                                                                      |
|            | 24        | 63          | B-10-18       |             |             | ML         | SILT WITH SAND (ML) - dark grayish brown (2.5Y 4/2), damp, hard, no plasticity, 50% silt, 25% clay, 20% fine to coarse sand, 5% fine gravel, hydrocarbons (?) in cracks.                                            |                                                                                      |
| 20         | 14        | 62          | B-10-21       |             |             |            |                                                                                                                                                                                                                     |                                                                                      |
|            | 17        | 43          | B-10-22.5     |             |             | SM         | SILTY SAND (SM) - dark greenish gray (6G 4/1), damp to moist, dense, 70% subangular to rounded fine to coarse sand, 25% silt, 5% fine gravel, hydrocarbons (?) in void space and cracks.                            |                                                                                      |
|            | 578       | 26          | B-10-24.5     |             |             |            |                                                                                                                                                                                                                     |                                                                                      |
| 25         | 587       | 43          | B-10-26       |             |             | GW         | GRAVEL WITH SAND (GW) - dark greenish gray (6G 4/1), moist, very dense, 75% subangular to rounded fine gravel, 20% fine to coarse sand, 5% silt, hydrocarbons (?) in void spaces and cracks. Sand layer at contact. |                                                                                      |
|            |           |             |               |             |             | ML         |                                                                                                                                                                                                                     |                                                                                      |

PROJECT: *Tosco (Unocal) Service Station No. 7376*

LOCATION: *419 First Street, Pleasanton, CA*

| DEPTH<br>feet | PID<br>(ppm) | BLOWS/FT. * | SAMPLE NUMBER | SAMPLE INT. | GRAPHIC LOG | SOIL CLASS | GEOLOGIC DESCRIPTION                                                                                                                                                                           | REMARKS |
|---------------|--------------|-------------|---------------|-------------|-------------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
|               | 470          | 32          | B-10-29       |             |             | ML         | Color change to dark greenish gray (5G4/1) at 29 feet.                                                                                                                                         |         |
|               | 891          | 18          | B-10-30.5     |             |             |            |                                                                                                                                                                                                |         |
|               | 401          | 60          | B-10-32       |             |             | GW         | GRAVEL (GW) - olive gray (5Y 4/2), moist, very dense, 80% subangular to rounded fine gravel, 15% fine to coarse sand, 5% clay, abundant hydrocarbons (?) in void spaces.                       |         |
| 33            | 838          | 44          | B-10-34       |             |             |            | No sample recovery; rock in shoe.                                                                                                                                                              |         |
|               | 4            | 18          | B-10-37.5     |             |             | ML         | Abundant moisture/hydrocarbons (?) at contact.                                                                                                                                                 |         |
| 38            | 462          | 73          | B-10-38       |             |             |            | SILT WITH GRAVEL (ML) - yellowish brown (10YR 5/4), damp, hard, no plasticity, 70% silt, 20% fine gravel, 10% clay, hydrocarbons (?) in cracks and void spaces.                                |         |
|               | 250          | 62          | B-10-40       |             |             |            |                                                                                                                                                                                                |         |
|               | 89           | 82          | B-10-41.5     |             |             |            | Color change to olive brown (2.5Y 4/4) to light yellowish brown (2.5Y 6/4).                                                                                                                    |         |
| 43            | 120          | 50          | B-10-44       |             |             |            | Color change to strong brown (7.5YR 4/6) at 45.25 feet, becomes damp to moist, hard, no plasticity, 70% silt, 15% clay, 10% fine to coarse sand, 5% fine gravel, decrease in hydrocarbons (?). |         |
|               | 31           | 75          | B-10-47       |             |             |            | Becomes 80% silt, 35% clay, 5% fine to coarse sand, trace gravel, no hydrocarbons (?) at 47.5 feet.                                                                                            |         |
| 48            | 3            | 46          | B-10-49       |             |             |            |                                                                                                                                                                                                |         |
|               | 6            | 40          | B-10-51       |             |             |            | Localized fine to coarse sand at 51.25 to 51.75 feet.                                                                                                                                          |         |
|               | 8            | 41          | B-10-53       |             |             |            | Color change to strong brown (7.5YR 4/6) with light brownish gray (10YR 6/3) mottling from 53.25 to 54 feet.                                                                                   |         |
| 53            | 347          | 25          | B-10-54.5     |             |             |            | Localized fine gravel and fine to coarse gravel strata from 55.75 to 56.25 feet.                                                                                                               |         |
|               | 290          | 56          | B-10-57       |             |             | SM         |                                                                                                                                                                                                |         |
| 58            | 24           | 62          | B-10-58       |             |             |            | SILTY SAND WITH GRAVEL (SM) - dark yellowish brown (10YR 4/4), damp, very dense, 85% subangular to rounded sand, 20% silt, 15% fine gravel.                                                    |         |

Gettler-Ryan Inc.

Log of Boring B-10

PROJECT: Tosco (Unocal) Service Station No. 7378

LOCATION: 419 First Street, Pleasanton, CA

| DEPTH<br>feet | PID (ppm) | BLOWS/FT. * | SAMPLE NUMBER | SAMPLE INT. | GRAPHIC LOG | SOIL CLASS | GEOLOGIC DESCRIPTION                                                                                                                                                                                              | REMARKS |
|---------------|-----------|-------------|---------------|-------------|-------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 65            | 50        | 79          | B-10-80.5     |             |             | SH         | SAND WITH GRAVEL (SW) - dark yellowish brown (10YR 4/4), moist, very dense, 75% subangular to rounded fine to coarse sand, 20% fine gravel, 5% silt.                                                              |         |
|               | 11        | 79          | B-10-82       |             |             | SH         |                                                                                                                                                                                                                   |         |
|               | 8         | 82          | B-10-84       |             |             |            |                                                                                                                                                                                                                   |         |
|               | -         | 88          | B-10-85.5     |             |             | ML         | SILT (ML) - dark yellowish brown (10YR 4/6), damp, hard, no plasticity, 75% silt, 20% clay, 5% fine sand.<br><br>Fine gravel strata at 80.75 feet.<br><br>Becomes 85% silt, 15% clay, trace fine sand at 70 feet. |         |
| 70            | 6         | 88          | B-10-89       |             |             |            |                                                                                                                                                                                                                   |         |
|               | 7         | 50          | B-10-71       |             |             |            |                                                                                                                                                                                                                   |         |
|               | 8         | 63          | B-10-72.5     |             |             |            |                                                                                                                                                                                                                   |         |
|               | 8         | 60          | B-10-73.5     |             |             | SW         | SAND (SW) - yellowish brown (10YR 5/4), damp, very dense, 90% subangular to rounded fine to very coarse sand, 5% silt, 5% fine gravel.                                                                            |         |
| 75            | 4         | 70          | B-10-75.5     |             |             | GW         |                                                                                                                                                                                                                   |         |
|               | 5         | 72          | B-10-78       |             |             |            |                                                                                                                                                                                                                   |         |
|               | -         | 72          | B-10-79.5     |             |             | GW         | GRAVEL WITH SAND (GW) - dark grayish brown (10YR 4/2), saturated, very dense, 60% subangular to rounded fine gravel, 35% fine to very coarse sand, 5% clay.                                                       |         |
| 80            |           |             |               |             |             | SW         | SAND (SW) - saturated, very dense, 95% medium to very coarse sand, 5% fine gravel.<br><br>Becomes 80% sand, 20% fine gravel at 84 feet.                                                                           |         |
|               | 5         | 83          | B-10-82.5     |             |             |            |                                                                                                                                                                                                                   |         |
|               | 6         | 19          | B-10-84       |             |             |            |                                                                                                                                                                                                                   |         |
| 85            |           |             |               |             |             | ML         | SILT WITH SAND (ML) - dark yellowish brown (10YR 4/6), moist, hard, no plasticity, 80% silt, 20% fine to medium sand.<br><br>(* Converted to standard penetration blows/foot.)                                    |         |
|               | 6         | 88          | B-10-86.5     |             |             |            |                                                                                                                                                                                                                   |         |
| 90            |           |             |               |             |             |            |                                                                                                                                                                                                                   |         |



Gettler-Ryan Inc.

Log of Boring B-11

|                                                         |                                                   |
|---------------------------------------------------------|---------------------------------------------------|
| PROJECT: <i>Tosco (Unocal) Service Station No. 7378</i> | LOCATION: <i>419 First Street, Pleasanton, CA</i> |
| PROJECT NO.: <i>140107.02</i>                           | CASING ELEVATION:                                 |
| DATE STARTED: <i>06/09/98</i>                           | WL (ft. bgs): <i>68</i> DATE:      TIME:          |
| DATE FINISHED: <i>06/09/98</i>                          | WL (ft. bgs):      DATE:      TIME:               |
| DRILLING METHOD: <i>8" hollow-stem auger</i>            | TOTAL DEPTH: <i>74 Feet</i>                       |
| DRILLING COMPANY: <i>Woodward Drilling</i>              | GEOLOGIST: <i>Clyde Galantine</i>                 |

| DEPTH<br>feet | PID (ppm) | BLOWS/FT. * | SAMPLE NUMBER | SAMPLE INT. | GRAPHIC LOG                                                                                                                                        | SOIL CLASS | GEOLOGIC DESCRIPTION                                                                                                                                                                                        | REMARKS                                                                              |
|---------------|-----------|-------------|---------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|               |           |             |               |             | Asphalt.                                                                                                                                           | GW         |                                                                                                                                                                                                             | Boring backfilled to ground surface with neat cement containing 5% bentonite powder. |
|               |           |             |               |             | GRAVEL WITH SAND (GW) - dark grayish brown (2.5Y 4/2), damp, dense, 85% subangular to rounded fine gravel, 30% fine to coarse sand, 5% clay: FILL. | CL         |                                                                                                                                                                                                             |                                                                                      |
|               |           |             |               |             | CLAY (CL) - very dark gray (5Y 3/1), damp, very stiff, medium plasticity, 90% clay, 10% silt: FILL.                                                | GW         |                                                                                                                                                                                                             |                                                                                      |
| 5             | 202       | 72          | B-11-5.5      |             | GRAVEL (GW) - dark grayish brown (2.5Y 4/2), damp, dense, 85% subangular to rounded fine gravel, 10% fine to coarse sand, 5% clay, asphalt: FILL.  |            |                                                                                                                                                                                                             |                                                                                      |
|               | 316       | 27          | B-11-8        |             |                                                                                                                                                    | ML         | SILT WITH SAND (ML) - black (10YR 2/1), damp, hard, no plasticity, 75% silt, 20% fine to very coarse sand, 5% fine gravel.                                                                                  |                                                                                      |
| 10            | 564       | 26          | B-11-10.5     |             |                                                                                                                                                    |            | Color change to very dark grayish brown (2.5Y 3/2) at 11 feet, trace gravel, sand fining.                                                                                                                   |                                                                                      |
|               | 408       | 40          | B-11-13       |             |                                                                                                                                                    |            |                                                                                                                                                                                                             |                                                                                      |
|               | 476       | 70          | B-11-14       |             |                                                                                                                                                    |            | Asphalt at 14 feet; may still be backfill.                                                                                                                                                                  |                                                                                      |
| 15            | 202       | 81          | B-11-16       |             |                                                                                                                                                    |            | Color change to olive brown (2.5Y 4/3) at 15 feet, becomes 85% silt, 30% clay, 5% fine sand, hydrocarbons (?) in void spaces.                                                                               |                                                                                      |
|               | 513       | 79          | B-11-18       |             |                                                                                                                                                    |            |                                                                                                                                                                                                             |                                                                                      |
|               | 489       | 62          | B-11-19.5     |             |                                                                                                                                                    |            | Localized fine gravel strata from 19.25 to 19.5 feet.                                                                                                                                                       |                                                                                      |
| 20            | 361       | 51          | B-11-21       |             |                                                                                                                                                    |            | Localized fine gravel strata from 20.25 to 20.75 feet.                                                                                                                                                      |                                                                                      |
|               | 552       | 55          | B-11-23       |             |                                                                                                                                                    | GC         | CLAYEY GRAVEL WITH SAND (SC) - olive brown (2.5Y 4/3), damp, very dense, 80% subangular to rounded fine gravel, 25% fine to coarse sand, 15% clay, abundant hydrocarbons (?) in all cracks and void spaces. |                                                                                      |
| 25            | 311       | 32          | B-11-25.5     |             |                                                                                                                                                    | ML         | SILT (ML) - dark olive gray (5Y 3/2), damp, hard, slight plasticity, 70% silt, 25% clay, 5% fine to coarse sand, localized fine gravel.                                                                     |                                                                                      |
|               | 459       | 32          | B-11-27       |             |                                                                                                                                                    |            |                                                                                                                                                                                                             |                                                                                      |

Gettler-Ryan Inc.

Log of Boring B-11

PROJECT: *Tosco (Unocal) Service Station No. 7378*

LOCATION: *419 First Street, Pleasanton, CA*

| DEPTH<br>feet | PTD<br>(ppm) | BLOWS/FT. * | SAMPLE NUMBER | SAMPLE INT. | GRAPHIC LOG | SOIL CLASS | GEOLOGIC DESCRIPTION                                                                                                                                                                                 | REMARKS |
|---------------|--------------|-------------|---------------|-------------|-------------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 359           | 70           |             | B-II-29.5     |             |             | MF         |                                                                                                                                                                                                      |         |
| 372           | 32           |             | B-II-31       |             |             |            | Localized fine gravel and sand from 30.5 to 31.25 feet.                                                                                                                                              |         |
| 292           | 88           |             | B-II-32.5     |             |             |            | Sand strata from 32.4 to 32.6 feet.                                                                                                                                                                  |         |
| 33            |              |             |               |             |             | GW         |                                                                                                                                                                                                      |         |
| 231           | 70           |             | B-II-35       |             |             |            | GRAVEL WITH SAND (GW) - very dark gray (5Y 3/1), damp, very dense, 70% subangular to rounded fine gravel, 25% fine to coarse sand, 5% clay, abundant hydrocarbons (?) in all cracks and void spaces. |         |
| 310           | 63           |             | B-II-37       |             |             |            |                                                                                                                                                                                                      |         |
| 38            |              |             |               |             |             | ML         |                                                                                                                                                                                                      |         |
| 115           | 74           |             | B-II-39.5     |             |             |            | SILT (ML) - greenish gray (5G 5/1) to dark yellowish brown (10YR 4/4), damp, hard, slight plasticity, 65% silt, 35% clay, trace fine sand to fine gravel, hydrocarbons (?) in cracks.                |         |
|               |              |             |               |             |             | CL         |                                                                                                                                                                                                      |         |
| 30            | 77           |             | B-II-41       |             |             |            | CLAY (CL) - dark yellowish brown (10YR 4/4), damp, hard, high plasticity, 80% clay, 20% silt, trace fine to coarse sand, hydrocarbons (?) decreasing with depth.                                     |         |
| 43            |              |             |               |             |             | ML         |                                                                                                                                                                                                      |         |
| 320           | 72           |             | B-II-43.5     |             |             |            | SILT (ML) - olive brown (2.5Y 4/4), damp, hard, no plasticity, 70% silt, 30% clay, trace fine sand, hydrocarbons (?) in cracks.                                                                      |         |
| 360           | 82           |             | B-II-45.5     |             |             |            | Color change to olive gray (5Y 4/2) with dark greenish gray (5BG 4/1) mottling at 44 feet, increase in hydrocarbons (?) in cracks.                                                                   |         |
| 209           | 70           |             | B-II-47       |             |             |            |                                                                                                                                                                                                      |         |
| 48            |              |             |               |             |             |            |                                                                                                                                                                                                      |         |
| 321           | 70           |             | B-II-49       |             |             |            | Sand layer from 48.4 to 48.6 feet, abundant hydrocarbons (?) in cracks, trace fine gravel.                                                                                                           |         |
|               |              |             |               |             |             |            |                                                                                                                                                                                                      |         |
| 97            | 70           |             | B-II-51.5     |             |             |            | Color change to dark grayish brown (2.5Y 4/2) at 50 feet, becomes 60% silt, 30% clay, 10% fine to coarse sand, trace fine gravel.                                                                    |         |
| 53            |              |             |               |             |             |            |                                                                                                                                                                                                      |         |
| 82            | 83           |             | B-II-53       |             |             |            | Decrease in hydrocarbons (?) at 52 feet, iron oxide staining from 52.2 to 52.8 feet.                                                                                                                 |         |
| 141           | 77           |             | B-II-55       |             |             |            |                                                                                                                                                                                                      |         |
| 58            |              |             |               |             |             |            |                                                                                                                                                                                                      |         |
| 148           | 79           |             | B-II-58       |             |             |            | Abundant hydrocarbons (?) in sand at 57 feet.                                                                                                                                                        |         |
| 428           | 78           |             | B-II-59       |             |             | SW-SC      | SAND WITH CLAY (SW-SC) - very dark grayish brown (2.5Y 3/2), damp to moist, very dense, 85% subangular to rounded fine to coarse sand, 10% clay, 5% fine gravel, saturated with hydrocarbons (?).    |         |

Gettler-Ryan Inc.

Log of Boring B-11

PROJECT: Tosco (Unocal) Service Station No. 7376

LOCATION: 419 First Street, Pleasanton, CA

| DEPTH<br>feet | PID (ppm) | BLOWS/FT. * | SAMPLE NUMBER | SAMPLE INT. | GRAPHIC LOG | SOIL CLASS | GEOLOGIC DESCRIPTION                                                                                                                                                                                                               | REMARKS                                            |
|---------------|-----------|-------------|---------------|-------------|-------------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| 455           |           | 62          | B-11-61       |             |             | SW-SC      | SAND WITH CLAY (SW-SC) - very dark grayish brown (2.5Y 3/2) to dark brown (10YR 4/3), damp, very dense, 80% subangular to rounded fine to coarse sand, 10% clay, 10% fine gravel, abundant hydrocarbons (?) from 61 to 62.25 feet. |                                                    |
| 451           |           | 63          | B-11-62.5     |             |             | SW-SC      |                                                                                                                                                                                                                                    |                                                    |
| 65            |           | 74          | B-11-65       |             |             | GW-<br>GC  | GRAVEL WITH CLAY AND SAND (GW-GC) - dark yellowish brown (10YR 4/6), damp, very dense, 60% subangular to rounded fine gravel, 30% fine to coarse sand, 10% clay.                                                                   |                                                    |
| 51            |           | 62          | B-11-66.5     |             |             |            | GW-<br>GC                                                                                                                                                                                                                          | Becomes 50% gravel, 40% sand, 10% clay at 66 feet. |
|               |           | 24          | B-11-69       |             |             | CL         | ↓<br>Saturated above 68 feet, sand strata above 68.2 feet.                                                                                                                                                                         |                                                    |
| 70            |           | 6           | B-11-70.5     |             |             |            | CL                                                                                                                                                                                                                                 | Abundant water.                                    |
|               |           | 6           | B-11-73.5     |             |             | CL         | CLAY (CL) - brownish yellow (10YR 6/6), damp, hard, medium plasticity, 80% clay, 20% silt, trace fine sand.                                                                                                                        |                                                    |
| 75            |           |             |               |             |             |            | (* Converted to standard penetration blows/foot.)                                                                                                                                                                                  |                                                    |
| 80            |           |             |               |             |             |            |                                                                                                                                                                                                                                    |                                                    |
| 85            |           |             |               |             |             |            |                                                                                                                                                                                                                                    |                                                    |
| 90            |           |             |               |             |             |            |                                                                                                                                                                                                                                    |                                                    |

Gettler-Ryan Inc.

Log of Boring B-12

PROJECT: *Tosco (Unocal) Service Station No. 7376*

LOCATION: *419 First Street, Pleasanton, CA*

PROJECT NO.: *140107.02*

CASING ELEVATION:

DATE STARTED: *08/10/98*

WL (ft. bgs): *73* DATE: TIME:

DATE FINISHED: *08/10/98*

WL (ft. bgs): DATE: TIME:

DRILLING METHOD: *8" hollow-stem auger*

TOTAL DEPTH: *79 Feet*

DRILLING COMPANY: *Woodward Drilling*

GEOLOGIST: *Clyde Galantine*

| DEPTH<br>feet | PID<br>(ppm) | BLOWS/FT. * | SAMPLE NUMBER | SAMPLE INT. | GRAPHIC LOG | SOIL CLASS | GEOLOGIC DESCRIPTION                                                                                                                           | REMARKS                                                                              |
|---------------|--------------|-------------|---------------|-------------|-------------|------------|------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|               |              |             |               |             |             |            | Asphalt.                                                                                                                                       |                                                                                      |
|               |              |             |               |             |             | CL         | GRAVEL WITH SILT - fill material.                                                                                                              | Boring backfilled to ground surface with neat cement containing 5% bentonite powder. |
|               |              |             |               |             |             |            | CLAY (CL) - very dark gray (5Y 3/1), damp, very stiff, medium plasticity, 90% clay, 10% silt.                                                  |                                                                                      |
|               |              |             |               |             |             |            | CLAYE WITH GRAVEL (CL) - yellowish brown (10YR 5/6), damp, hard, no plasticity, 60% clay, 20% fine gravel, 20% fine to coarse sand.            |                                                                                      |
| 5             | 19           | 83          | B-12-5.5      |             |             |            | Color change to very dark gray (10YR 3/1) at 5 feet; fill material.                                                                            |                                                                                      |
|               |              |             |               |             |             |            | Asphalt in soil from 7 to 8 feet.                                                                                                              |                                                                                      |
|               |              |             |               |             |             |            | Asphalt, burnt wood, and wood in soil.                                                                                                         |                                                                                      |
| 10            | 144          | 18          | B-12-10       |             |             |            | Brick shards from 13 to 13.25 feet.                                                                                                            |                                                                                      |
|               |              |             |               |             |             |            | Color change to dark grayish brown (2.5Y 4/2) at 13.5 feet, becomes moist.                                                                     |                                                                                      |
| 15            | 39           | 18          | B-12-14.5     |             |             |            |                                                                                                                                                |                                                                                      |
|               |              |             |               |             |             | ML         | SANDY SILT (ML) - dark yellowish brown (10YR 4/6), damp, hard, no plasticity, 55% silt, 35% fine to coarse sand, 10% clay.                     |                                                                                      |
|               |              |             |               |             |             |            | Fine sand layer from 16.4 to 16.5 feet.                                                                                                        |                                                                                      |
|               |              |             |               |             |             |            | Becomes SILT (ML), 60% silt, 40% clay, trace fine sand at 17.5 feet.                                                                           |                                                                                      |
| 20            | 44           | 79          | B-12-20.5     |             |             |            | SILT WITH SAND (ML) - olive gray (5Y 5/2), damp to wet, no plasticity, 75% silt, 15% very fine to medium sand, 10% clay.                       |                                                                                      |
|               |              |             |               |             |             |            | Medium sand layer from 19.25 to 19.5 feet.                                                                                                     |                                                                                      |
|               |              |             |               |             |             | GC         | SANDY SILT (ML) - dark yellowish brown (10YR 4/6), damp, hard, no plasticity, 60% silt, 30% fine to medium sand, 10% clay.                     |                                                                                      |
|               |              |             |               |             |             |            | CLAYEY GRAVEL WITH SAND (GC) - damp, very dense, 55% subangular to rounded fine gravel, 25% fine to coarse sand, 20% clay.                     |                                                                                      |
| 25            | 46           | 42          | B-12-24       |             |             | ML         | CLAYEY SILT strata from 24 to 24.5 feet.                                                                                                       |                                                                                      |
|               |              |             |               |             |             | SW<br>SC   | SAND WITH CLAY (SW-SC) - olive gray (5Y 4/2), damp, very dense, 80% subangular to rounded fine to very coarse sand, 10% clay, 10% fine gravel. |                                                                                      |
|               |              |             |               |             |             | SC         | CLAYEY SAND (SC) - dark greenish gray (5GY 4/1), damp to moist, very dense, 70% subangular to rounded very fine to fine sand, 30% clay.        |                                                                                      |

Gettler-Ryan Inc.

Log of Boring B-12

PROJECT: Tosco (Unocal) Service Station No. 7376

LOCATION: 419 First Street, Pleasanton, CA

| DEPTH<br>feet | PTD<br>(ppm) | BLOWS/FT. * | SAMPLE NUMBER | SAMPLE INT. | GRAPHIC LOG | SOIL CLASS | GEOLOGIC DESCRIPTION                                                                                                                                                                                                                                                                                                 | REMARKS |
|---------------|--------------|-------------|---------------|-------------|-------------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 33            | 415          | 78          | B-12-28.5     |             |             | SC<br>GW   | <p>GRAVEL WITH SAND (GW) - olive gray (5Y 4/2), damp, very dense, 80% subangular to rounded fine gravel, 15% fine to coarse sand, 6% clay.</p> <p>Visible hydrocarbon (?) liquid on surface of gravel.</p> <p>Localized increase in clay content to 70% gravel, 15% sand, 15% clay.</p> <p>Becomes saturated.</p>    |         |
|               | 449          | 70          | B-12-30       |             |             |            |                                                                                                                                                                                                                                                                                                                      |         |
|               | -            | 59          | B-12-31.5     |             |             |            |                                                                                                                                                                                                                                                                                                                      |         |
|               | 447          | 60          | B-12-33.5     |             |             |            |                                                                                                                                                                                                                                                                                                                      |         |
|               | 377          | 77          | B-12-36       |             |             |            |                                                                                                                                                                                                                                                                                                                      |         |
| 38            | 399          | 62          | B-12-37.5     |             |             |            | <p>SILT (ML) - dark olive gray (5Y 3/2) to greenish gray (5G 5/1) with yellowish brown (10YR 5/4) mottling, damp, hard, no plasticity, 70-85% silt, 10-25% clay, 5% fine to coarse sand, trace fine gravel, abundant hydrocarbons (?) in void spaces and cracks.</p> <p>Decrease in hydrocarbons (?) at 41 feet.</p> |         |
|               | 397          | 33          | B-12-41       |             |             | ML         |                                                                                                                                                                                                                                                                                                                      |         |
| 43            | 192          | 68          | B-12-43       |             |             |            | <p>Color change to dark yellowish brown (10YR 4/6) with dark greenish gray (5GY 4/1) mottling at 43 feet, occasional hydrocarbons (?) in cracks.</p>                                                                                                                                                                 |         |
|               | 278          | 68          | B-12-44.5     |             |             |            |                                                                                                                                                                                                                                                                                                                      |         |
| 48            | 245          | 53          | B-12-47       |             |             |            | <p>No hydrocarbons (?) visible below 47 feet.</p>                                                                                                                                                                                                                                                                    |         |
|               | 48           | 62          | B-12-48.5     |             |             |            |                                                                                                                                                                                                                                                                                                                      |         |
|               | 20           | 44          | B-12-50.5     |             |             |            |                                                                                                                                                                                                                                                                                                                      |         |
| 53            | 3            | 53          | B-12-53       |             |             |            | <p>Increase in medium sand from 50.75 to 51.25 feet.</p> <p>Increase in coarse sand from 52.25 to 52.75 feet.</p> <p>Color change to strong brown (7.5YR 5/8) at 53.5 feet, becomes moist to wet.</p>                                                                                                                |         |
|               | 2            | 40          | B-12-55       |             |             |            |                                                                                                                                                                                                                                                                                                                      |         |
|               | 2            | 50          | B-12-58.5     |             |             |            |                                                                                                                                                                                                                                                                                                                      |         |
| 58            | 3            | 48          | B-12-59       |             |             |            | <p>Fine gravel strata from 58 to 58.5 feet.</p> <p>Fine gravel strata from 59 to 59.5 feet.</p>                                                                                                                                                                                                                      |         |

Gettler-Ryan Inc.

Log of Boring B-12

PROJECT: Tosco (Unocal) Service Station No. 7376

LOCATION: 419 First Street, Pleasanton, CA

| DEPTH feet | PID (ppm) | BLOWS/FT. * | SAMPLE NUMBER | SAMPLE INT. | GRAPHIC LOG | SOIL CLASS | GEOLOGIC DESCRIPTION                                                                                                                                                    | REMARKS |
|------------|-----------|-------------|---------------|-------------|-------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
|            |           |             |               |             |             | ML         | Gravel strata from 60 to 60.5 feet.                                                                                                                                     |         |
|            | 3         | 53          | B-12-61       |             |             | SH<br>SC   | SAND WITH CLAY (SH-SC) - strong brown (7.5YR 5/6), damp to moist, very dense, 80% subangular to rounded fine to very coarse sand, 10% fine gravel, 10% clay.            |         |
|            | 3         | 75          | B-12-62.5     |             |             |            |                                                                                                                                                                         |         |
|            | 4         | 63          | B-12-64       |             |             |            | Silt layer from 63.25 to 63.5 feet.                                                                                                                                     |         |
| 65         |           | 5           | B-12-65.5     |             |             |            | Localized gravel at 65.5 feet.                                                                                                                                          |         |
|            |           |             |               |             |             | GH<br>GC   | No sample recovery; rock in shoe.                                                                                                                                       |         |
| 70         | 3         | 79          | B-12-70       |             |             |            | GRAVEL WITH CLAY (GW-GC) - strong brown (7.5YR 4/6), moist, very dense, 75% subangular to rounded fine gravel, 15% fine to coarse sand, 10% clay.                       |         |
|            | 3         | 62          | B-12-72       |             |             |            |                                                                                                                                                                         |         |
|            | 5         | 55          | B-12-73.5     |             |             |            | ↓<br>Becomes wet to saturated.                                                                                                                                          |         |
| 75         | 5         | 53          | B-12-75.5     |             |             |            |                                                                                                                                                                         |         |
|            | 4         | 60          | B-12-79       |             |             | ML         | SILT (ML) - dark yellowish brown (10YR 4/6), damp, hard, no plasticity, 70% silt, 30% clay, trace sand and gravel.<br>(* Converted to standard penetration blows/foot.) |         |
| 80         |           |             |               |             |             |            |                                                                                                                                                                         |         |
|            |           |             |               |             |             |            |                                                                                                                                                                         |         |
| 85         |           |             |               |             |             |            |                                                                                                                                                                         |         |
|            |           |             |               |             |             |            |                                                                                                                                                                         |         |
| 90         |           |             |               |             |             |            |                                                                                                                                                                         |         |

# Gettler-Ryan, Inc.

# Log of Boring B-13

PROJECT: *Tosco (76) Service Station No. 7376*

LOCATION: *419 First Street, Pleasanton, CA*

GR PROJECT NO.: *140107.04*

SURFACE ELEVATION: *364.65 feet MSL*

DATE STARTED: *11/22/99*

WL (ft. bgs): *102* DATE: TIME:

DATE FINISHED: *11/22/99*

WL (ft. bgs): DATE: TIME:

DRILLING METHOD: *8" hollow-stem auger*

TOTAL DEPTH: *135.5 feet*

DRILLING COMPANY: *Woodward Drilling*

GEOLOGIST: *Clyde Galantine*

| DEPTH (feet) | PID (ppm) | BLOWS/FT.* | SAMPLE NUMBER | SAMPLE INT. | GRAPHIC LOG | SOIL CLASS | GEOLOGIC DESCRIPTION                                                                                                                                                                                              | REMARKS                                                               |
|--------------|-----------|------------|---------------|-------------|-------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
|              |           |            |               |             |             |            | Topsoil - planter material with bark.                                                                                                                                                                             |                                                                       |
| 4            |           |            |               |             |             | CL         | CLAY with GRAVEL (CL) - strong brown (7.5YR 5/8), moist, hard; 70% clay, 20% subangular to rounded fine gravel, 10% subangular to rounded fine to coarse sand, bricks, concrete, asphalt. (fill material)         | Boring backfilled with neat cement from the bottom to ground surface. |
|              | 27        | 37         | B-13-6        |             |             | ML         | SILT with GRAVEL (ML) - black (10YR 2/1), moist, hard, non-plastic; 60% silt, 30% subangular to rounded fine gravel, 10% fine to coarse sand. (fill material)                                                     |                                                                       |
| 8            | 139       | 42         | B-13-7.5      |             |             | ML         | Change at 6 - 7 feet to SILT (ML) - dark brown (10YR 3/3), moist, hard, non-plastic; 85% silt, 10% subangular to rounded fine to medium sand, 5% fine gravel. (fill material)                                     |                                                                       |
|              | 11        | 39         | B-13-11       |             |             | ML         | Change at 10 feet to dark gray (10YR 4/1), saturated; (fill material)                                                                                                                                             |                                                                       |
| 12           |           | <100       | B-13-12.5     |             |             | SW         | Change at 11.25 feet to SILT with SAND (ML) - dark yellowish brown (10YR 4/6), moist, hard, non-plastic; 70% silt, 15% subangular to rounded fine sand, trace of fine gravel.                                     |                                                                       |
|              | 2         | <100       | B-13-15.5     |             |             | ML         | SAND (SW) - strong brown (10YR 4/6), moist, very dense; 90-95% very fine to medium sand, 5-10% silt.                                                                                                              |                                                                       |
| 16           |           |            |               |             |             | ML         | SILT (ML) - dark yellowish brown (10YR 4/4), moist, hard, non-plastic; 90% silt, 5% subangular to rounded fine sand, 5% clay.                                                                                     |                                                                       |
|              | 15        | <100       | B-13-18.5     |             |             | ML         | Change at 18 feet to dark grayish brown (2.5Y 4/2).                                                                                                                                                               |                                                                       |
| 20           | 144       | 73         | B-13-21       |             |             | GW-GM      | Change at 20 feet to dark olive brown (2.5Y 2/2); 60% silt, 25% clay, 10% subangular to rounded fine gravel, 5% fine to coarse sand, black hydrocarbon in void spaces.                                            |                                                                       |
|              | 376       | <100       | B-13-23.5     |             |             | GW-GM      | GRAVEL with SILT (GW-GM) - very dark gray (5Y 3/1), moist, very dense; 75% subangular to rounded fine gravel, 15% subangular to rounded fine to coarse sand, 10% silt, abundant black hydrocarbon in void spaces. |                                                                       |
| 24           |           |            |               |             |             | SW         | SAND (SW) - very dark gray (5Y 3/1), saturated, very dense; 90% subangular to rounded fine to very coarse sand, 5% silt, 5% fine gravel, abundant hydrocarbon.                                                    |                                                                       |
|              | 957       | <100       | B-13-26.5     |             |             | SW         |                                                                                                                                                                                                                   |                                                                       |
| 28           | >1500     | <100       | B-13-28       |             |             | SW         | Change at 27 feet to 75% sand, 20% fine gravel, 5% silt.                                                                                                                                                          |                                                                       |

# Gettler-Ryan, Inc.

# Log of Boring B-13

PROJECT: *Tasco (76) Service Station No. 7376*

LOCATION: *419 First Street, Pleasanton, CA*

| DEPTH (feet) | PID (ppm) | BLOWS/FT. * | SAMPLE NUMBER | SAMPLE INT. | GRAPHIC LOG | SOIL CLASS | GEOLOGIC DESCRIPTION                                                                                                                                                                                                   | REMARKS |
|--------------|-----------|-------------|---------------|-------------|-------------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
|              |           |             |               |             |             | SW         | See previous page for geologic description.                                                                                                                                                                            |         |
|              |           |             |               |             |             | ML         | SILT (ML) - very dark gray (5Y 3/1), saturated, hard, non-plastic; 85% silt, 10% subangular to rounded fine sand, 5% clay, hydrocarbon in void spaces.                                                                 |         |
| 32           | >1500     | 44          | B-13-32       |             |             | SM         | SILTY SAND (SM) - very dark gray (5Y 3/1), saturated, very dense; 65% subangular to rounded fine sand, 35% silt.                                                                                                       |         |
|              | >1500     | <100        | B-13-33       |             |             | GM         | GRAVEL (GM) - very dark gray (5Y 3/1), saturated, very dense; 85% subangular to rounded fine gravel, 10% fine to coarse sand, 5% silt, hydrocarbon in void spaces.                                                     |         |
| 36           | 877       | <100        | B-13-35.5     |             |             |            |                                                                                                                                                                                                                        |         |
|              |           |             |               |             |             | CL         | CLAY (CL) - brown (10YR 4/3) and gray (5Y 5/1), damp, hard, plastic; 60% clay, 30% silt, 10% subangular to rounded fine sand, trace of fine gravel, hydrocarbon in void spaces.                                        |         |
| 49           | 72        |             | B-13-38.5     |             |             |            |                                                                                                                                                                                                                        |         |
| 40           |           |             |               |             |             |            |                                                                                                                                                                                                                        |         |
| 60           | 72        |             | B-13-42       |             |             |            |                                                                                                                                                                                                                        |         |
| 190          | 88        |             | B-13-43       |             |             |            |                                                                                                                                                                                                                        |         |
| 44           |           |             |               |             |             |            |                                                                                                                                                                                                                        |         |
| 697          | 69        |             | B-13-46       |             |             |            | Change at 45 feet to CLAY with GRAVEL (CL) - brown (10YR 5/3) and gray (5Y 5/1), moist, hard, non-plastic; 60% clay, 20% subangular to rounded fine gravel, 10% fine to coarse sand, hydrocarbon in void spaces.       |         |
| 48           |           |             |               |             |             |            |                                                                                                                                                                                                                        |         |
| 339          | <100      |             | B-13-49       |             |             |            |                                                                                                                                                                                                                        |         |
| 686          | <100      |             | B-13-51       |             |             |            | Sand strata at 50.8 - 51.3 feet saturated with hydrocarbons.                                                                                                                                                           |         |
| 52           |           |             |               |             |             |            | Change at 52 feet to 60% clay, 30% gravel, 10% sand.                                                                                                                                                                   |         |
|              |           |             |               |             |             | GM         | SILTY GRAVEL with SAND (GM) - brown (10YR 5/3), moist, very dense; 70% subangular to rounded fine gravel, 15% silt, 15% subangular to rounded fine to very coarse sand, hydrocarbon in void spaces.                    |         |
| 56           |           |             |               |             |             | ML         | No sample recovery.                                                                                                                                                                                                    |         |
| 524          | <100      |             | B-13-57       |             |             |            | SILT (ML) - yellowish brown (10YR 5/4) to light brownish gray (10YR 6/2), moist, hard, non-plastic; 60% silt, 35% clay, 5% subangular to rounded fine sand, trace of fine gravel, trace of hydrocarbon in void spaces. |         |
| 60           |           |             |               |             |             |            |                                                                                                                                                                                                                        |         |



# Gettler-Ryan, Inc.

# Log of Boring B-13

PROJECT: *Tosco (76) Service Station No. 7376*

LOCATION: *419 First Street, Pleasanton, CA*

| DEPTH (feet) | PID (ppm) | BLOWS/FT. * | SAMPLE NUMBER | SAMPLE INT. | GRAPHIC LOG | SOIL CLASS | GEOLOGIC DESCRIPTION                                                                                                                                                                    | REMARKS |
|--------------|-----------|-------------|---------------|-------------|-------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 15           |           | <100        | B-13-61       |             |             | ML         | Sand strata at 60.4 - 60.7 feet.                                                                                                                                                        |         |
| 64           | 833       | <100        | B-13-63       |             |             | GW-GC      | GRAVEL with CLAY and SAND (GW-GC) - dark yellowish brown (10YR 4/4), moist, very dense; 70% subangular to rounded fine gravel, 20% subangular to rounded fine to coarse sand, 10% clay. |         |
|              |           | <100        | B-13-65.5     |             |             |            |                                                                                                                                                                                         |         |
| 68           |           | <100        | B-13-67.5     |             |             |            | Saturated at 67 feet.                                                                                                                                                                   |         |
|              |           | <100        | B-13-70.5     |             |             |            | Change at 70 feet to 55% gravel, 35% sand, 10% clay.                                                                                                                                    |         |
| 72           |           | <100        | B-13-73.5     |             |             | ML         | SILT (ML) - dark yellowish brown (10YR 4/6) to pale brown (10YR 6/2) with iron oxide staining, moist, hard, non-plastic; 75% silt, 20% clay, 5% subangular to rounded fine sand.        |         |
|              |           | <100        | B-13-75.5     |             |             |            | Attempt grab groundwater sample at 68 - 73 feet, no groundwater after 45 minute wait.                                                                                                   |         |
| 76           |           | <100        | B-13-75.5     |             |             |            |                                                                                                                                                                                         |         |
|              |           | <100        | B-13-80.5     |             |             | GW         | GRAVEL (GW) - dark yellowish brown (10YR 4/4), moist, very dense; 75% subangular to rounded fine gravel, 20% subangular to rounded fine to coarse sand, 5% clay.                        |         |
| 80           |           | <100        | B-13-80.5     |             |             |            |                                                                                                                                                                                         |         |
|              |           | <100        | B-13-82.5     |             |             |            |                                                                                                                                                                                         |         |
| 84           |           | <100        | B-13-85.5     |             |             |            | Change at 85 feet to 55% gravel, 40% sand, 5% clay.                                                                                                                                     |         |
|              |           | <100        | B-13-87.5     |             |             |            |                                                                                                                                                                                         |         |
| 88           |           | <100        | B-13-87.5     |             |             |            |                                                                                                                                                                                         |         |
|              |           | <100        | B-13-90.5     |             |             |            |                                                                                                                                                                                         |         |
| 92           |           | <100        | B-13-90.5     |             |             |            |                                                                                                                                                                                         |         |

# Gettler-Ryan, Inc.

# Log of Boring B-13

PROJECT: *Tosco (76) Service Station No. 7376*

LOCATION: *419 First Street, Pleasanton, CA*





| DEPTH (feet) | PID (ppm) | BLOWS/FT. * | SAMPLE NUMBER | SAMPLE INT. | GRAPHIC LOG | SOIL CLASS | GEOLOGIC DESCRIPTION                                                                                                                                                                                | REMARKS |
|--------------|-----------|-------------|---------------|-------------|-------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
|              |           | <100        | B-13-92.5     |             |             | GW         | See previous page for geologic description.                                                                                                                                                         |         |
|              |           |             |               |             |             | SW-SC      | SAND with CLAY and GRAVEL (SW-SC) - yellowish brown (10YR 5/4), moist, very dense; 80% subangular to rounded fine to coarse sand, 30% subangular to rounded fine gravel, 10% clay.                  |         |
| 96           |           | <100        | B-13-95.5     |             |             |            | Saturated gravel with sand at contact with silt.                                                                                                                                                    |         |
|              | 0         | 52          | B-13-98.5     |             |             | ML         | SILT (ML) - light yellowish brown (10YR 8/4) to dark yellowish brown (10YR 4/8), moist, hard, non-plastic; 70% silt, 25% clay, 5% subangular to rounded fine sand, iron oxide staining.             |         |
| 100          |           |             |               |             |             |            | Attempt grab groundwater sample at 91 - 99 feet, no groundwater after 30 minute wait.                                                                                                               |         |
|              | 0         | 42          | B-13-101.5    |             |             |            | Attempt grab groundwater sample at 80 - 102 feet, no groundwater after overnight wait.                                                                                                              |         |
|              | 0         | <100        | B-13-103      |             |             |            | Change at 102.75 feet to SILT with SAND (ML) - yellowish red (5YR 4/8) with black (10YR 2/1) staining, moist, hard, non-plastic; 75% silt, 15% subangular to rounded fine to medium sand, 10% clay. |         |
| 104          |           | <100        | B-13-106      |             |             | GW-GC      | GRAVEL with CLAY and SAND (GW-GC) - dark yellowish brown (10YR 4/4), saturated, very dense; 70% subangular to rounded fine gravel, 20% subangular to rounded fine to very coarse sand, 10% clay.    |         |
|              |           | <100        | B-13-107.5    |             |             |            |                                                                                                                                                                                                     |         |
| 108          |           | <100        | B-13-110.5    |             |             | SW-SC      | SAND with CLAY (SW-SC) - dark yellowish brown (10YR 4/4), saturated, very dense; 80% subangular to rounded medium to coarse sand, 10% clay, 10% fine gravel.                                        |         |
|              |           | <100        | B-13-112      |             |             |            | Attempt grab groundwater sample at 105 - 112 feet, no groundwater after 45 minute wait.                                                                                                             |         |
| 112          |           |             |               |             |             |            | Silt strata at 112.3 feet.                                                                                                                                                                          |         |
|              | 0         | <100        | B-13-115.5    |             |             | GW-GC      | GRAVEL with CLAY and SAND (GW-GC) - dark yellowish brown (10YR 4/4), saturated, very dense; 70% subangular to rounded fine gravel, 20% subangular to rounded fine to coarse sand, 10% clay.         |         |
| 116          |           | <100        | B-13-118      |             |             |            |                                                                                                                                                                                                     |         |
|              | 0         | <100        |               |             |             |            | No sample recovery.                                                                                                                                                                                 |         |
| 120          |           | <100        |               |             |             |            |                                                                                                                                                                                                     |         |
|              | 0         | <100        | B-13-123.5    |             |             | ML         | SILT (ML) - yellowish brown (10YR 4/4), moist, hard, non-plastic; 80% silt, 10% clay, 10% subangular to rounded fine gravel.                                                                        |         |
| 124          |           |             |               |             |             |            |                                                                                                                                                                                                     |         |

# Gettler-Ryan, Inc.

# Log of Boring B-13

PROJECT: *Tosco (76) Service Station No. 7376*

LOCATION: *419 First Street, Pleasanton, CA*

| DEPTH (feet) | PID (ppm) | BLOWS/FT. * | SAMPLE NUMBER | SAMPLE INT. | GRAPHIC LOG                                                                        | SOIL CLASS | GEOLOGIC DESCRIPTION                                                                                                                                                                   | REMARKS |
|--------------|-----------|-------------|---------------|-------------|------------------------------------------------------------------------------------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
|              |           |             |               |             |                                                                                    | ML<br>GC   | See previous page for geologic description.                                                                                                                                            |         |
| 0            | 0         | <100        | B-13-128      |             |   |            | CLAYEY GRAVEL with SAND (GC) - yellowish brown (10YR 5/8), saturated, very dense; 80% subangular to rounded fine gravel, 25% subangular to rounded fine to very coarse sand, 15% clay. |         |
| 128          |           | <100        |               |             |   |            | No sample recovery.<br>Grab groundwater sample - B-13-128.5 at 128.5 feet.                                                                                                             |         |
| 132          |           |             |               |             |   |            | Hydropunch sample - B-13-133'.                                                                                                                                                         |         |
| 136          |           | <100        |               |             |  |            | No sample recovery.<br>Bottom of boring at 135.5 feet bgs.<br>(* = Converted to equivalent standard penetration blows/foot.)                                                           |         |
| 140          |           |             |               |             |                                                                                    |            |                                                                                                                                                                                        |         |
| 144          |           |             |               |             |                                                                                    |            |                                                                                                                                                                                        |         |
| 148          |           |             |               |             |                                                                                    |            |                                                                                                                                                                                        |         |
| 152          |           |             |               |             |                                                                                    |            |                                                                                                                                                                                        |         |
| 156          |           |             |               |             |                                                                                    |            |                                                                                                                                                                                        |         |

## BORING LOG

|                                                                         |                                                           |                                                      |
|-------------------------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------|
| <b>Project No.</b><br>KBI-P94-0903.P1                                   | <b>Boring Diameter</b> 8.5"<br><b>Casing Diameter</b> N/A | <b>Logged By</b> <i>JGG</i><br>T.S. <i>(EG-1633)</i> |
| <b>Project Name</b> Unocal S/S #7376<br>4191 1st Street, Pleasanton, CA | <b>Well Cover Elevation</b>                               | <b>Date Drilled</b><br>2/6/95                        |
| <b>Boring No.</b><br>EB1                                                | <b>Drilling Method</b> Hollow-stem<br>Auger               | <b>Drilling Company</b><br>V & W Drilling            |

| Penetration<br>blows/6" | G. W.<br>level | Depth<br>(feet)<br>Samples | Strati-<br>graphy<br>USCS | Description                                                                                                                                       |
|-------------------------|----------------|----------------------------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
|                         |                | 0                          |                           | Pavement, base gravel and fill.                                                                                                                   |
|                         |                |                            |                           | Fill with wood debris.                                                                                                                            |
| 14/15/19                |                | 5                          |                           | Silt, trace very coarse-grained sand, firm, moist, dark brown.                                                                                    |
|                         |                |                            |                           | Silt, trace clay, trace very coarse-grained sand and gravel to 1/4 inch in diameter, very stiff to hard, moist, dark yellowish brown.             |
| 11/18/21                |                | 10                         | ML                        | Silt as above, except yellowish brown, gravel to 1 inch in diameter.                                                                              |
|                         |                |                            |                           | Silt, estimated at 5-10% very coarse-grained sand, trace gravel to 1/2 inch in diameter, very stiff to hard, moist, yellowish brown.              |
| 7/16/19                 |                | 15                         |                           |                                                                                                                                                   |
|                         |                |                            |                           |                                                                                                                                                   |
| 10/11/11                |                | 20                         | SM                        | Silty sand, trace gravel to 1 inch in diameter, estimated at 15-20% silt, sand is medium to coarse-grained, medium dense, moist, yellowish brown. |

### BORING LOG

|                                                                         |                                                           |                                                     |
|-------------------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------|
| <b>Project No.</b><br>KBI-P94-0903.P1                                   | <b>Boring Diameter</b> 8.5"<br><b>Casing Diameter</b> N/A | <b>Logged By</b> <i>JGG</i><br>T.S. <i>CEG 1633</i> |
| <b>Project Name</b> Unocal S/S #7376<br>4191 1st Street, Pleasanton, CA | <b>Well Cover Elevation</b>                               | <b>Date Drilled</b><br>2/6/95                       |
| <b>Boring No.</b><br>EB1                                                | <b>Drilling Method</b><br>Hollow-stem Auger               | <b>Drilling Company</b><br>V & W Drilling           |

| Penetration blows/6" | G. W. level | Depth (feet)<br>Samples | Strati-graphy<br>USCS | Description                                                                                                                                                                        |
|----------------------|-------------|-------------------------|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 15/32/44             |             | 25                      | GW                    | Well graded gravel with sand, trace silt, gravel to 1-1/2 inches in diameter, estimated at 35-45% medium to coarse-grained sand, dense to very dense, moist, dark yellowish brown. |
| 17/31/39             |             | 30                      | GW                    | Well graded gravel with sand, trace silt, gravel to 3/4 inch in diameter, estimated at 30-35% medium to coarse-grained sand, dense to very dense, moist, dark yellowish brown.     |
| 17/36/41             |             | 35                      | GM                    | Silty gravel, estimated at 15-20% silt and 10-15% medium coarse-grained sand, gravel to 2 inches in diameter, very dense, moist, yellowish brown.                                  |
| 21/32/36             |             | 40                      | GM                    | Silty gravel, estimated at 15-20% silt and 10-15% medium to coarse-grained sand, gravel to 2 inches in diameter, very dense, moist, yellowish brown..                              |
|                      |             |                         | ML                    | Silt, trace clay, very stiff to hard, moist, yellowish brown and very pale brown mottled, trace biotite.                                                                           |

## BORING LOG

|                                                                  |                      |                      |                                          |
|------------------------------------------------------------------|----------------------|----------------------|------------------------------------------|
| Project No.<br>KEI-P94-0903.P1                                   | Boring Diameter      | 8.5"                 | Logged By<br>T.S. <i>JGG<br/>CEG/633</i> |
|                                                                  | Casing Diameter      | N/A                  |                                          |
| Project Name Unocal S/S #7376<br>4191 1st Street, Pleasanton, CA | Well Cover Elevation |                      | Date Drilled<br>2/6/95                   |
| Boring No.<br>EB1                                                | Drilling Method      | Hollow-stem<br>Auger | Drilling Company<br>V & W Drilling       |

| Penetration<br>blows/6" | G. W.<br>level | Depth<br>(feet)<br>Samples | Strati-<br>graphy<br>USCS | Description                                                                                                                                                                                                                                                                                           |
|-------------------------|----------------|----------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8/16/24                 |                | 45                         | ML                        | Silt, trace clay, very stiff to hard, moist, yellowish brown and very pale brown mottled, trace biotite.                                                                                                                                                                                              |
| 21/36/42                |                | 50                         | SW                        | Well graded sand with gravel and silt, estimated at 15-20% gravel to 3/4 inch in diameter, 5-15% silt, sand is medium to very coarse-grained, dense to very dense, moist, yellowish brown.                                                                                                            |
| 8/12/14                 |                | 55                         | ML                        | Silt, trace clay, trace gravel to 1/2 inch in diameter, very stiff, moist, yellowish brown and olive, mottled, trace biotite.                                                                                                                                                                         |
| 13/50-6"                |                | 60                         | CL                        | Gravelly clay, estimated at 10-15% silt, gravel to 1-1/2 inches in diameter, hard moist, pale olive.                                                                                                                                                                                                  |
| 6/12/12                 |                | 65                         | ML                        | Silt with trace very coarse-grained sand and gravel to 1/4 inch in diameter, stiff, moist, yellowish brown and pale olive, mottled.<br>Silt with gravel, estimated at 10-15% clay and 15-20% gravel to 1/2 inch in diameter, trace very coarse-grained sand, very stiff, moist, dark yellowish brown. |

Total Depth: 66'

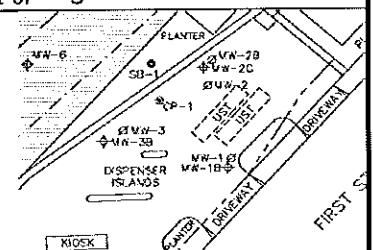
# Delta Consultants

Project No: C107376220 Client: ConocoPhillips  
 Logged By: Jon Fillingame Location: Pleasanton  
 Driller: Cascade Date Drilled: 6/12/2009  
 Drilling Method: Hollow Stem Hole Diameter: 8"  
 Sampling Method: Split Spoon Hole Depth: 45'  
 Casing Type: 2" PVC Well Diameter: N/A  
 Slot Size: 0.01 Well Depth: N/A  
 Gravel Pack: Lonestar #2/12 First Water Depth: N/A  
 Static Water Depth: N/A

Boring/Well No: SB-1

Page 1 of 3

Location  
Map



Elevation: Northing: Easting:

| Well Completion    | Water Level | Moisture Content | PID Reading (ppm) | Sample Identification | Depth (feet) | Sample Recovery Interval | Soil Type | LITHOLOGY / DESCRIPTION SOIL WITH SOIL ANALYTICAL RESULTS (ug/L) (BENZENE/GRO/TPH-FUEL OIL #6) |
|--------------------|-------------|------------------|-------------------|-----------------------|--------------|--------------------------|-----------|------------------------------------------------------------------------------------------------|
| Backfill<br>Casing |             |                  |                   |                       | 1            |                          |           |                                                                                                |
|                    |             |                  |                   |                       | 2            |                          |           |                                                                                                |
|                    |             |                  |                   |                       | 3            |                          |           |                                                                                                |
|                    |             |                  |                   |                       | 4            |                          |           |                                                                                                |
|                    |             |                  |                   | SB-1 @5               | 5            |                          |           | Bad Sample, large chunk of scoria                                                              |
|                    |             |                  |                   |                       | 6            |                          |           | SB-1 @ 5 - (ND/ND/ND)                                                                          |
|                    |             |                  |                   |                       | 7            |                          |           |                                                                                                |
|                    |             |                  |                   |                       | 8            |                          |           |                                                                                                |
|                    |             |                  | 45.1              | SB-1 @10              | 10           |                          | ML        | Med brown, sandy silt with 20% gravel, damp, very mild odor<br>SB-1 @ 10 - (ND/6.5/96)         |
|                    |             |                  |                   |                       | 11           |                          |           |                                                                                                |
|                    |             |                  |                   |                       | 12           |                          |           |                                                                                                |
|                    |             |                  |                   |                       | 13           |                          |           |                                                                                                |
|                    |             |                  | 104               | SB-1 @15              | 15           |                          | GM        | Med brown, silty gravelly sand, damp, light odor<br>SB-1 @ 15 - (ND/ND/ND)                     |
|                    |             |                  |                   |                       | 16           |                          |           |                                                                                                |
|                    |             |                  |                   |                       | 17           |                          |           |                                                                                                |
|                    |             |                  |                   |                       | 18           |                          |           |                                                                                                |
|                    |             |                  |                   |                       | 19           |                          |           |                                                                                                |
|                    |             |                  | 21.2              | SB-1 @20              | 20           |                          | CL        | Dk greenish gray clay, damp, strong odor<br>SB-1 @ 20 - (0.26/1400/200)                        |
|                    |             |                  |                   |                       | 21           |                          |           |                                                                                                |
|                    |             |                  |                   |                       | 22           |                          |           |                                                                                                |

# Delta Environmental Consultants, Inc.

Project No: C107376220 Client: ConocoPhillips  
 Logged By: Jon Fillingame Location: Pleasanton  
 Driller: Cascade Date Drilled: 6/12/2009  
 Drilling Method: Hollow Stem Hole Diameter: 8"  
 Sampling Method: Split Spoon Hole Depth: 45'  
 Casing Type: 2"PVC Well Diameter: N/A  
 Slot Size: 0.01 Well Depth: N/A  
 Gravel Pack: Lonestar #2/12  First Water Depth: N/A  
 Static Water Depth: N/A

Boring/Well No: SB-1

Page 2 of 3

Location  
Map

Elevation: Northing: Easting:

| Well Completion<br>Backfill<br>Casing | Water Level | Moisture Content | PID Reading (ppm) | Penetration (blows/6") | Depth (feet) | Sample Recovery Interval | Soil Type | LITHOLOGY / DESCRIPTION SOIL WITH SOIL ANALYTICAL RESULTS (ug/L) (BENZENE/GRO/TPH-FUEL OIL #6)                                              |
|---------------------------------------|-------------|------------------|-------------------|------------------------|--------------|--------------------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------|
|                                       |             |                  | 915               | SB-1 @25               | 23           |                          |           |                                                                                                                                             |
|                                       |             |                  |                   |                        | 24           |                          |           |                                                                                                                                             |
|                                       |             |                  |                   |                        | 25           | █                        | CL        | Dk greenish gray clay, damp, very strong odor<br><b>SB-1 @ 25 - (1.6/230/880)</b>                                                           |
|                                       |             |                  |                   |                        | 26           |                          |           |                                                                                                                                             |
|                                       |             |                  |                   |                        | 27           |                          |           |                                                                                                                                             |
|                                       |             |                  |                   |                        | 28           |                          |           |                                                                                                                                             |
|                                       |             |                  |                   |                        | 29           |                          |           |                                                                                                                                             |
|                                       |             |                  | 940               | SB-1 @30               | 30           | █                        | CL        | Dk greenish gray sandy silty clay, damp, very strong odor<br><b>SB-1 @ 30 - (3.6/1100/9700)</b>                                             |
|                                       |             |                  |                   |                        | 31           |                          |           |                                                                                                                                             |
|                                       |             |                  |                   |                        | 32           |                          |           |                                                                                                                                             |
|                                       |             |                  |                   |                        | 33           |                          |           |                                                                                                                                             |
|                                       |             |                  |                   |                        | 34           |                          |           |                                                                                                                                             |
|                                       |             |                  | 820               | SB-1 @35               | 35           | █                        | CL        | Dk greenish gray sandy silty clay w gravel, damp, very strong odor, patches of black sheeny substance<br><b>SB-1 @ 35 - (0.64/310/1400)</b> |
|                                       |             |                  |                   |                        | 36           |                          |           |                                                                                                                                             |
|                                       |             |                  |                   |                        | 37           |                          |           |                                                                                                                                             |
|                                       |             |                  |                   |                        | 38           |                          |           |                                                                                                                                             |
|                                       |             |                  |                   |                        | 39           |                          |           |                                                                                                                                             |
|                                       |             |                  | 581               | SB-1 @40               | 40           | █                        | CL        | Dk greenish gray silty clay, damp, strong odor, black sheeny patches<br><b>SB-1 @ 40 - (1.1/400/9800)</b>                                   |
|                                       |             |                  |                   |                        | 41           |                          |           |                                                                                                                                             |
|                                       |             |                  |                   |                        | 42           |                          |           |                                                                                                                                             |
|                                       |             |                  |                   |                        | 43           |                          |           |                                                                                                                                             |
|                                       |             |                  |                   |                        | 44           |                          |           |                                                                                                                                             |





## BORING LOG

|                                                                         |                                                          |                                           |
|-------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------|
| <b>Project No.</b><br>KEI-P94-0903.P1                                   | <b>Boring Diameter</b> 8.5"<br><b>Casing Diameter</b> 2" | <b>Logged By</b> JGG<br>T.S. CEG 1633     |
| <b>Project Name</b> Unocal S/S #7376<br>4191 1st Street, Pleasanton, CA | <b>Well Cover Elevation</b>                              | <b>Date Drilled</b><br>2/6/95             |
| <b>Boring No.</b><br>MW2B                                               | <b>Drilling Method</b><br>Hollow-stem Auger              | <b>Drilling Company</b><br>V & W Drilling |

| Penetration blows/6" | G. W. level | Depth (feet)<br>Samples | Strati-<br>graphy<br>USCS | Description                                                                                                                                |
|----------------------|-------------|-------------------------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
|                      |             | 0                       |                           | Pavement and base gravel.                                                                                                                  |
|                      |             |                         | ML                        | Silt, trace clay, trace medium-grained sand, soft, moist, very dark gray.                                                                  |
|                      |             |                         | SP-<br>SM                 | Poorly graded sand with gravel and silt, gravel to 1 inch in diameter, sand is fine to medium-grained, loose, moist, very dark gray, fill. |
|                      |             |                         |                           | Gravelly silt, trace coarse to very coarse-grained sand, soft, moist, brownish yellow, fill.                                               |
| 9/14/16              |             | 5                       |                           | Gravelly silt, as above, gravel diameter increasing with depth, very stiff, asphalt, fill.                                                 |
|                      |             |                         |                           | ----- Native Soil -----                                                                                                                    |
| 5/6/6                |             | 10                      |                           | Gravelly silt, trace coarse to very coarse-grained sand, gravel to 1-1/4 inches in diameter, stiff, moist, very dark brown.                |
|                      |             |                         | ML                        |                                                                                                                                            |
| 17/50-6"             |             | 15                      |                           | Silt, trace very coarse-grained sand, trace gravel to 1/4 inch in diameter, hard, moist, yellowish brown.                                  |
| 11/23/28             |             | 20                      |                           | Silt, trace medium coarse-grained sand, hard, moist, olive brown.                                                                          |

## BORING LOG

|                                                                     |                                      |                                             |
|---------------------------------------------------------------------|--------------------------------------|---------------------------------------------|
| Project No.<br>KEI-P94-0903.P1                                      | Boring Diameter    8.5"              | Logged By <i>JGG</i><br>T.S. <i>CEG1633</i> |
|                                                                     | Casing Diameter    2"                |                                             |
| Project Name    Unocal S/S #7376<br>4191 1st Street, Pleasanton, CA | Well Cover Elevation                 | Date Drilled<br>2/6/95                      |
| Boring No.<br>MW2B                                                  | Drilling Method<br>Hollow-stem Auger | Drilling Company<br>V & W Drilling          |

| Penetration<br>blows/6" | G. W.<br>level | Depth<br>(feet)<br>Samples | Strati-<br>graphy<br>USCS | Description                                                                                                                                                                                               |
|-------------------------|----------------|----------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         |                |                            | ML                        | Silt, as above.                                                                                                                                                                                           |
|                         |                |                            | SP                        | Poorly graded sand with gravel, trace silt, estimated at 15-20% gravel to 3/4 inch in diameter, sand is medium to coarse-grained, medium dense, moist, dark greenish gray.                                |
| 9/16/16                 |                | 25                         | ML                        | Silt, trace fine to medium-grained sand, very stiff, moist, dark greenish gray.                                                                                                                           |
|                         |                |                            | ML                        | Silt, trace very fine to fine-grained sand, very stiff, moist, dark greenish gray.                                                                                                                        |
| 8/13/14                 |                | 30                         | SP-SM                     | Poorly graded sand with silt, estimated at 20% gravel to 1-1/2 inches in diameter, 10% silt, sand is predominantly medium-grained, medium dense, moist, dark greenish gray.                               |
| 27/50-6"                |                | 35                         | GW                        | Well graded gravel with sand, trace silt, gravel to 2 inches in diameter, sand is fine to very coarse-grained, very dense, moist, dark greenish gray.                                                     |
| 12/21/26                |                | 40                         | ML                        | Gravelly silt, estimated at 10-15% fine to medium-grained sand, gravel to 3/4 inch in diameter, hard, moist, dark yellowish brown and pale green, mottled.                                                |
|                         |                |                            | SP                        | Poorly graded sand with gravel, trace silt, estimated at 20-25% gravel to 1/2 inch in diameter, sand is predominantly fine to medium-grained, very dense, moist, grayish green and olive yellow, mottled. |

## BORING LOG

| Project No.<br>KEI-P94-0903.P1                                   |                | Boring Diameter            | 8.5"                      | Logged By<br>T.S. <i>J66</i><br><i>CEG 1633</i>                                                                                                                                                           |
|------------------------------------------------------------------|----------------|----------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                  |                | Casing Diameter            | 2"                        |                                                                                                                                                                                                           |
| Project Name Unocal S/S #7376<br>4191 1st Street, Pleasanton, CA |                | Well Cover Elevation       |                           | Date Drilled<br>2/6/95                                                                                                                                                                                    |
| Boring No.<br>MW2B                                               |                | Drilling Method            | Hollow-stem<br>Auger      | Drilling Company<br>V & W Drilling                                                                                                                                                                        |
| Penetration<br>blows/6"                                          | G. W.<br>level | Depth<br>(feet)<br>Samples | Strati-<br>graphy<br>USCS | Description                                                                                                                                                                                               |
| 40/50-6"                                                         |                | 45                         | SP                        | Poorly graded sand with gravel, trace silt, estimated at 20-25% gravel to 1/2 inch in diameter, sand is predominantly fine to medium-grained, very dense, moist, grayish green and olive yellow, mottled. |
| 20/31/46                                                         |                | 50                         | GM                        | Silty gravel with sand, estimated at 10-20% silt, 25-30% medium to very coarse-grained sand, gravel to 1 inch in diameter, very dense, moist, dark olive brown.                                           |
| 12/21/33                                                         |                | 55                         |                           | Silty gravel with sand as above, except dense to very dense.                                                                                                                                              |
| 28/39/43                                                         |                | 60                         | ML                        | Silt, trace medium to very coarse-grained sand, hard, moist, yellowish red.                                                                                                                               |
| 29/50-3"                                                         |                | 65                         | GW-<br>GC                 | Well graded gravel with clay and sand, trace silt, sand is medium to very coarse-grained, very dense, moist, dark yellowish brown.                                                                        |

## BORING LOG

|                                                                         |                                                          |                                           |
|-------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------|
| <b>Project No.</b><br>KEI-P94-0903.P1                                   | <b>Boring Diameter</b> 8.5"<br><b>Casing Diameter</b> 2" | <b>Logged By</b> JGG<br>T.S. CEG 1633     |
| <b>Project Name</b> Unocal S/S #7376<br>4191 1st Street, Pleasanton, CA | <b>Well Cover Elevation</b>                              | <b>Date Drilled</b><br>2/6/95             |
| <b>Boring No.</b><br>MW2B                                               | <b>Drilling Method</b> Hollow-stem Auger                 | <b>Drilling Company</b><br>V & W Drilling |

| Penetration blows/6" | G. W. level | Depth (feet) Samples | Strati-graphy USCS | Description                                                                                                                                                               |
|----------------------|-------------|----------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 27/50-6"             | ▽           | 70                   | GW-GC              | Well graded gravel with clay and sand, trace silt, sand is medium to very coarse-grained, very dense, moist, dark yellowish brown.                                        |
| 9/27/50-5"           |             | 75                   | GC                 | Clayey gravel with sand, estimated at 15% clay, 5-10% silt, 10-15% medium to coarse-grained sand, gravel to 1-1/2 inches in diameter, very dense, moist, yellowish brown. |
| 37/50-3"             |             | 80                   | ML                 | Silt, estimated at 5-10% clay, trace coarse to very coarse-grained sand and gravel to 1/2 inch in diameter, hard, moist, yellowish brown.                                 |
| 41/50-3"             |             |                      | SW                 | Well graded sand with gravel, sand is medium to very coarse-grained, gravel to 1/2 inch in diameter, very dense, moist, yellowish brown, with charcoal.                   |
| 39/50-6"             |             | 85                   | SW                 | Well graded sand with gravel as above.                                                                                                                                    |
| 41/50-4"             |             |                      | ML                 | Silt, trace gravel to 1 inch in diameter, trace clay, hard, moist, olive brown.                                                                                           |
| 41/50-4"             |             |                      | GM                 | Silty gravel, estimated at 10-15% medium to very coarse-grained sand, gravel to 1 inch in diameter, very dense, moist, olive brown.                                       |

### BORING LOG

|                                                                  |                                         |                                              |
|------------------------------------------------------------------|-----------------------------------------|----------------------------------------------|
| Project No.<br>KEI-P94-0903.P1                                   | Boring Diameter    8.5"                 | Logged By <i>JGG</i><br>T.S. <i>(E61633)</i> |
|                                                                  | Casing Diameter    2"                   |                                              |
| Project Name Unocal S/S #7376<br>4191 1st Street, Pleasanton, CA | Well Cover Elevation                    | Date Drilled<br>2/6/95                       |
| Boring No.<br>MW2B                                               | Drilling Method    Hollow-stem<br>Auger | Drilling Company<br>V & W Drilling           |

| Penetration<br>blows/6" | G. W.<br>level | Depth<br>(feet)<br>Samples | Strati-<br>graphy<br>USCS | Description                                                                                                                                                    |
|-------------------------|----------------|----------------------------|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 50/50-4"                |                | 90                         | ML                        | Silt, trace very coarse-grained sand, trace clay, hard, moist, olive brown.                                                                                    |
|                         |                | 90                         | SW                        | Well graded sand with gravel, trace to 10% silt, estimated at 20-25% gravel to 3/4 inch in diameter, sand is fine to coarse-grained, hard, moist, olive brown. |
| Total Depth: 91'        |                |                            |                           |                                                                                                                                                                |
|                         |                | 95                         |                           |                                                                                                                                                                |
|                         |                | 100                        |                           |                                                                                                                                                                |
|                         |                | 105                        |                           |                                                                                                                                                                |

## WELL CONSTRUCTION DIAGRAM

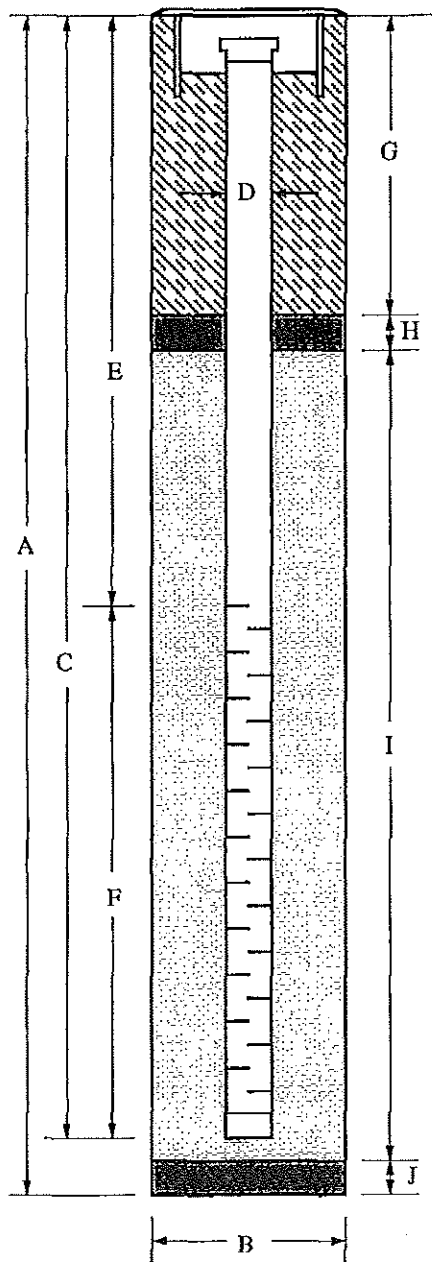
PROJECT NAME: Unocal S/S #7376, 4191 1st Street, Pleasanton, CA

WELL NO.: MW2B

PROJECT NUMBER: KEI-P94-0903.P1

WELL PERMIT NO.: ACFC & WCD #95024

Flush-mounted Well Cover



- A. Total Depth : 91'
- B. Boring Diameter: 8.5"  
Drilling Method: Hollow Stem Auger
- C. Casing Length: 85'  
Material: Schedule 40 PVC
- D. Casing Diameter: OD = 2.375"  
ID = 2.067"
- E. Depth to Perforations: 65'
- F. Perforated Length: 20'  
Perforation Type: Machine Slotted  
Perforation Size: 0.010"
- G. Surface Seal: 61'  
Seal Material: Neat Cement
- H. Seal: 2'  
Seal Material: Bentonite
- I. Filter Pack: 22'  
Pack Material: RMC Lonestar Sand  
Size: #2/12
- J. Bottom Seal: 6'  
Seal Material: Bentonite Chips

## BORING LOG

|                                                                         |                                                          |                                           |
|-------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------|
| <b>Project No.</b><br>KEL-P94-0903.P2R                                  | <b>Boring Diameter</b> 8.5"<br><b>Casing Diameter</b> 2" | <b>Logged By</b> JGG<br>T.S.    CEG/633   |
| <b>Project Name</b> Unocal S/S #7376<br>4191 1st Street, Pleasanton, CA | <b>Well Cover Elevation</b><br>N/A                       | <b>Date Drilled</b><br>7/24/96            |
| <b>Boring No.</b><br>MW4                                                | <b>Drilling Method</b><br>Hollow-stem Auger              | <b>Drilling Company</b><br>V & W Drilling |

| Pene-tration<br>blows/6" | G.W.<br>level | O.V.M.<br>(P.P.M.) | Depth<br>(feet)<br>Samples                                                                                                                     | Stratigraphy<br>USCS | Description                                                                                                                                                                      |
|--------------------------|---------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                          |               |                    | 0                                                                                                                                              |                      | Pavement over base gravel.                                                                                                                                                       |
|                          |               |                    | 5                                                                                                                                              |                      | Sandy silt with gravel to 1 inch in diameter, firm, moist, dark brown (fill).                                                                                                    |
| 10/11/30                 |               |                    | 5                                                                                                                                              | ML                   | Silt, estimated at 5-10% medium to coarse-grained sand, trace gravel to 1/2 inch in diameter, very stiff to hard, moist, brown.                                                  |
| 20/23/25                 |               | 10                 | Silt, estimated at 10-20% predominantly fine-grained sand, 15-25% clay and trace gravel to 1/2 inch in diameter, hard, moist, yellowish brown. |                      |                                                                                                                                                                                  |
| 19/22/23                 |               | 10                 | Sandy silt, trace gravel to 3/4 inch in diameter, sand is fine to coarse-grained, hard, moist, dark yellowish brown.                           |                      |                                                                                                                                                                                  |
| 14/19/21                 |               |                    | 15                                                                                                                                             |                      | Sandy silt, estimated at 30-35% fine to very coarse-grained sand and 10-20% clay, hard, moist, dark yellowish brown.                                                             |
| 13/14/14                 |               |                    | 20                                                                                                                                             | GW-<br>GM            | Sandy well graded gravel, estimated at 25-30% predominantly fine to medium-grained sand and 5-15% silt, gravel to 1 inch in diameter, medium dense, moist, dark yellowish brown. |



## BORING LOG

|                                                                     |                                      |                                    |
|---------------------------------------------------------------------|--------------------------------------|------------------------------------|
| Project No.<br>KEI-P94-0903.P2R                                     | Boring Diameter    8.5"              | Logged By <i>JGG</i>               |
|                                                                     | Casing Diameter    2"                | T.S. <i>CEG 1633</i>               |
| Project Name    Unocal S/S #7376<br>4191 1st Street, Pleasanton, CA | Well Cover Elevation<br>N/A          | Date Drilled<br>7/24/96            |
| Boring No.<br>MW4                                                   | Drilling Method<br>Hollow-stem Auger | Drilling Company<br>V & W Drilling |

| Penetration<br>blows/6" | G.W.<br>level | O.V.M.<br>(P.P.M.) | Depth<br>(feet)<br>Samples | Stratigraphy<br>USCS | Description                                                                                                                                                                                            |
|-------------------------|---------------|--------------------|----------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         |               |                    |                            | GW-<br>GM            | Sandy well graded gravel, estimated at 25-30% predominantly fine to medium-grained sand and 5-15% silt, gravel to 1 inch in diameter, medium dense, moist, dark yellowish brown.                       |
| 28/38/32                |               |                    | 25                         | SW-<br>SM            | Well graded sand with silt and gravel, estimated at 15-25% gravel to 1 inch in diameter and 5-15% silt, sand is fine to coarse-grained, very dense, moist, dark yellowish brown.                       |
| 25/38/37                |               |                    |                            | GW-<br>GM            | Sandy well graded gravel, estimated at 20-30% fine to coarse-grained sand and 5-15% silt, gravel to 1-1/2 inches in diameter, very dense, moist, dark yellowish brown.                                 |
| 36/26/30                |               |                    | 30                         |                      | Well graded sand with silt and gravel, estimated at 15-25% gravel to 3/4 inch in diameter and 5-15% silt, sand is fine to coarse-grained, very dense, moist, dark yellowish brown.                     |
| 24/25/27                |               |                    | 35                         | SW-<br>SM            | Gravelly sand, estimated at 20-25% gravel to 2 inches in diameter and 5-15% silt, sand is predominantly fine to medium-grained, very dense, moist, dark yellowish brown.                               |
| 20/12/10                |               |                    | 40                         | SM                   | Gravelly sand as above.                                                                                                                                                                                |
| 17/19/22                |               |                    |                            | SM                   | Silty sand, estimated at 10-20% silt, sand is fine to coarse-grained, medium dense, moist, dark yellowish brown.                                                                                       |
|                         |               |                    |                            | GM                   | Silty gravel with sand, estimated at 15-25% silt and 10-20% medium to coarse-grained sand, gravel to 1-1/4 inches in diameter, dense to very dense, moist, dark yellowish brown.                       |
|                         |               |                    |                            | SM                   | Silty sand with gravel, estimated at 20-25% gravel to 1/2 inch in diameter and 15-20% silt, sand is fine to coarse-grained, dense to very dense, moist, dark yellowish brown, moist at gravel margins. |

## BORING LOG

|                                                                         |                                                          |                                              |
|-------------------------------------------------------------------------|----------------------------------------------------------|----------------------------------------------|
| <b>Project No.</b><br>KBI-P94-0903.P2R                                  | <b>Boring Diameter</b> 8.5"<br><b>Casing Diameter</b> 2" | <b>Logged By</b> JGG<br><b>T.S.</b> CEG 1633 |
| <b>Project Name</b> Unocal S/S #7376<br>4191 1st Street, Pleasanton, CA | <b>Well Cover Elevation</b><br>N/A                       | <b>Date Drilled</b><br>7/24/96               |
| <b>Boring No.</b><br>MW4                                                | <b>Drilling Method</b><br>Hollow-stem Auger              | <b>Drilling Company</b><br>V & W Drilling    |

| Penetration<br>blows/6" | G.W.<br>level | O.V.M.<br>(P.P.M.) | Depth<br>(feet)<br>Samples | Stratigraphy<br>USCS | Description                                                                                                                                                                                            |
|-------------------------|---------------|--------------------|----------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 17/19/22                |               |                    | 45                         | SM                   | Silty sand with gravel, estimated at 20-25% gravel to 1/2 inch in diameter and 15-20% silt, sand is fine to coarse-grained, dense to very dense, moist, dark yellowish brown, moist at gravel margins. |
| 8/10/11                 |               |                    | 50                         | ML                   | Clayey silt, trace sand, very stiff, moist, yellowish brown.                                                                                                                                           |
| 15/18/20                |               |                    |                            |                      | Sandy silt, estimated at 10-20% very fine to fine-grained sand, very stiff, moist, greenish gray.                                                                                                      |
| 21/25/27                |               |                    | 55                         | SP-SM                | Poorly graded sand with silt and gravel, estimated at 5-10% silt, sand is predominantly medium to coarse-grained, gravel to 1-1/4 inches in diameter, dense, moist, dark yellowish brown.              |
| 15/8/9                  |               |                    | 60                         | ML                   | Gravelly silt, estimated at 20-30% gravel to 2 inches in diameter and 5-15% sand, very stiff, moist, olive.                                                                                            |
| 19/26/38                |               |                    | 65                         | GC                   | Clayey gravel with sand, estimated at 30-35% medium to coarse-grained sand and 10-20% clay, gravel to 1-1/4 inches in diameter, dense to very dense, moist, dark yellowish brown.                      |

### BORING LOG

|                                                                     |                                      |                                                |
|---------------------------------------------------------------------|--------------------------------------|------------------------------------------------|
| Project No.<br>KEI-P94-0903.P2R                                     | Boring Diameter    8.5"              | Logged By<br>T.S. <i>JGG</i><br><i>CEG1633</i> |
|                                                                     | Casing Diameter    2"                |                                                |
| Project Name    Unocal S/S #7376<br>4191 1st Street, Pleasanton, CA | Well Cover Elevation<br>N/A          | Date Drilled<br>7/24/96                        |
| Boring No.<br>MW4                                                   | Drilling Method<br>Hollow-stem Auger | Drilling Company<br>V & W Drilling             |

| Penetration<br>blows/6" | G.W.<br>level | O.V.M.<br>(P.P.M.) | Depth<br>(feet)<br>Samples | Stratigraphy<br>USCS | Description                                                                                                                                                                                       |
|-------------------------|---------------|--------------------|----------------------------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 11/17/20                |               |                    | 70                         | GC                   | Clayey gravel with sand, estimated at 30-35% medium to coarse-grained sand and 10-20% clay, gravel to 1-1/4 inches in diameter, dense to very dense, moist, dark yellowish brown.                 |
|                         |               |                    | 70                         | SC                   | Clayey sand, estimated at 15-25% clay and 15-25% gravel to 3/4 inch in diameter, sand is fine to coarse-grained, medium dense to dense, moist, dark yellowish brown.                              |
| 14/30/39                |               |                    | 75                         | GC                   | Clayey gravel, estimated at 20-30% fine to coarse-grained sand and 10-20% clay, gravel to 3/4 inch in diameter, dense to very dense, moist, yellowish brown.                                      |
| 19/36/38                | ▽             |                    | 80                         | SC                   | Clayey sand with gravel, estimated at 20-25% gravel to 1 inch in diameter and 10-20% clay, sand is well graded and medium to very coarse-grained, very dense, moist to wet, dark yellowish brown. |
| 20/29/30                |               |                    | 85                         | SC                   | Clayey sand with gravel, estimated at 15-20% gravel and 10-20% clay, sand is fine to very coarse-grained, predominantly very coarse-grained, dense to very dense, wet, yellowish brown.           |
| 25/30/32                |               |                    |                            | CL                   | Clay, estimated at 10-15% gravel to 1 inch in diameter and 10-15% fine to medium-grained sand, hard, moist, olive, black staining.                                                                |

### BORING LOG

|                                                                         |                                             |                                           |
|-------------------------------------------------------------------------|---------------------------------------------|-------------------------------------------|
| <b>Project No.</b><br>KEI-P94-0903.P2R                                  | <b>Boring Diameter</b> 8.5"                 | <b>Logged By</b> JGG                      |
|                                                                         | <b>Casing Diameter</b> 2"                   | <b>T.S.</b> LEG 16 33                     |
| <b>Project Name</b> Unocal S/S #7376<br>4191 1st Street, Pleasanton, CA | <b>Well Cover Elevation</b><br>N/A          | <b>Date Drilled</b><br>7/24/96            |
| <b>Boring No.</b><br>MW4                                                | <b>Drilling Method</b> Hollow-stem<br>Auger | <b>Drilling Company</b><br>V & W Drilling |

| Pene-<br>tration<br>blows/6" | G.W.<br>level | O.V.M.<br>(P.P.M.) | Depth<br>(feet)<br>Samples | Stratigraphy<br>USCS | Description                                                                                                                                                                                         |
|------------------------------|---------------|--------------------|----------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                              |               |                    | 90                         | CL                   | Clay, estimated at 10-15% gravel to 1 inch in diameter and 10-15% fine to medium-grained sand, hard, moist, olive, black staining.                                                                  |
| 34/50-6"                     |               |                    |                            | GP-<br>GM            | Sandy gravel, estimated at 20-30% predominantly fine-grained sand and 5-15% silt, gravel to 1-1/2 inches in diameter, very dense, moist to wet, dark yellowish brown, moisture at clast boundaries. |
| 33/50-6"                     |               |                    |                            |                      |                                                                                                                                                                                                     |
|                              |               |                    | 95                         |                      |                                                                                                                                                                                                     |
|                              |               |                    | 100                        |                      |                                                                                                                                                                                                     |
|                              |               |                    | 105                        |                      |                                                                                                                                                                                                     |
| TOTAL DEPTH: 93'             |               |                    |                            |                      |                                                                                                                                                                                                     |

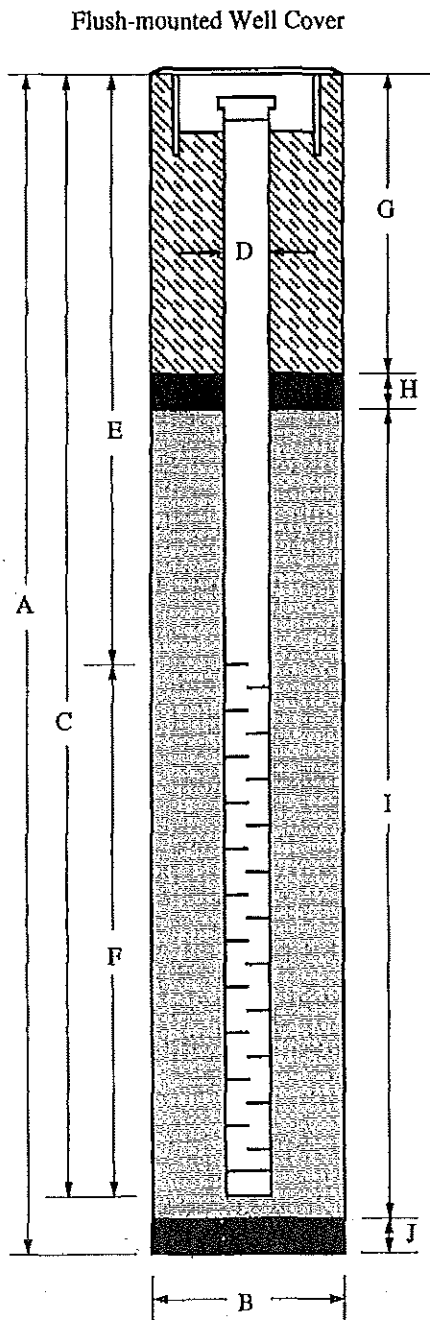
## WELL CONSTRUCTION DIAGRAM

PROJECT NAME: Unocal S/S #7376, 4191 1st Street, Pleasanton, CA

WELL NO.: MW4

PROJECT NUMBER: KBI-P94-0903.P2R

WELL PERMIT NO.:



- A. Total Depth : 93'
- B. Boring Diameter: 8.5"  
 Drilling Method: Hollow Stem Auger
- C. Casing Length: 93'  
 Material: Schedule 40 PVC
- D. Casing Diameter: OD = 2.375"  
ID = 2.067"
- E. Depth to Perforations: 73'
- F. Perforated Length: 20'  
 Perforation Type: Machine Slotted  
 Perforation Size: 0.010"
- G. Surface Seal: 69'  
 Seal Material: Neat Cement
- H. Seal: 2'  
 Seal Material: Bentonite
- I. Filter Pack: 22'  
 Pack Material: RMC Lonestar Sand  
 Size: #2/12
- J. Bottom Seal: 1.5'  
 Seal Material: N/A

## BORING LOG

|                                                                     |                                                          |                                                     |
|---------------------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------|
| <b>Project No.</b><br>KBI-P94-0903.P2R                              | <b>Boring Diameter</b> 8.5"<br><b>Casing Diameter</b> 2" | <b>Logged By</b> <i>JGG</i><br>T.S. <i>CEG 1633</i> |
| <b>Project Name</b> Unocal S/S #7376<br>4191 1st Street, Pleasanton | <b>Well Cover Elevation</b><br>N/A                       | <b>Date Drilled</b><br>7/23/96                      |
| <b>Boring No.</b><br>MW5                                            | <b>Drilling Method</b><br>Hollow-stem Auger              | <b>Drilling Company</b><br>V&W Drilling             |

| Pene-tration<br>blows/6" | G.W.<br>level | O.V.M.<br>(P.P.M.) | Depth<br>(feet)<br>Samples | Stratigraphy<br>USCS          | Description                                                                                                                                            |
|--------------------------|---------------|--------------------|----------------------------|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
|                          |               |                    | 0                          |                               | Silty gravel with sand, loose, moist, dark brown (fill).                                                                                               |
| 7/8/8                    |               |                    | 5                          |                               | Sandy silt with clay, estimated at 15-20% sand, 5-15% clay and trace gravel to 3/4 inch in diameter, medium dense, moist, dark yellowish brown (fill). |
|                          |               |                    |                            | -----<br>NATIVE SOIL<br>----- |                                                                                                                                                        |
| 6/9/9                    |               |                    | 10                         | ML                            | Silt, estimated at 15-20% fine to medium-grained sand and 10-15% gravel to 1 inch in diameter, stiff to very stiff, moist, dark brown.                 |
| 14/16/17                 |               |                    | 15                         | GW-GM                         | Sandy gravel, estimated at 10-15% silt, gravel to 1-1/4 inches in diameter, dense, moist, yellowish brown.                                             |
| 14/15/16                 |               |                    | 20                         | SW                            | Sand, fine to medium-grained, estimated at 5-10% silt and trace coarse-grained sand, dense, moist, greenish gray.                                      |

## BORING LOG

|                                                                     |                                                          |                                                     |
|---------------------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------|
| <b>Project No.</b><br>KBI-P94-0903.P2R                              | <b>Boring Diameter</b> 8.5"<br><b>Casing Diameter</b> 2" | <b>Logged By</b> <i>JGG</i><br>T.S. <i>CEC 1633</i> |
| <b>Project Name</b> Unocal S/S #7376<br>4191 1st Street, Pleasanton | <b>Well Cover Elevation</b><br>N/A                       | <b>Date Drilled</b><br>7/23/96                      |
| <b>Boring No.</b><br>MWS                                            | <b>Drilling Method</b><br>Hollow-stem Auger              | <b>Drilling Company</b><br>V&W Drilling             |

| Penetration<br>blows/6" | G.W.<br>level | O.V.M.<br>(P.P.M.) | Depth<br>(feet)<br>Samples | Stratigraphy<br>USCS | Description                                                                                                                                             |
|-------------------------|---------------|--------------------|----------------------------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         |               |                    | 25                         | SW<br>ML             | Sand, fine to medium-grained, estimated at 5-10% silt, trace coarse-grained sand, dense, moist, greenish gray.                                          |
| 11/14/20                |               |                    |                            |                      | Silt, estimated at 10-20% fine to medium-grained sand and 10-15% clay, very stiff to hard, moist, dark yellowish brown and dark greenish gray, mottled. |
|                         |               |                    | 30                         | SP-SM                | Sand, predominantly fine to medium-grained, estimated at 5-10% silt, medium dense, moist, greenish gray.                                                |
| 9/11/16                 |               |                    |                            |                      |                                                                                                                                                         |
|                         |               |                    | 35                         | ML                   | Silt, estimated at 10-20% fine to medium-grained sand, very stiff, moist, greenish gray and dark olive, mottled.                                        |
| 8/10/13                 |               |                    |                            |                      |                                                                                                                                                         |
|                         |               |                    | 40                         | ML                   | Silt, estimated at 5-15% fine-grained sand, very stiff, moist, dark yellowish brown and greenish gray, mottled.                                         |
| 7/9/10                  |               |                    |                            |                      |                                                                                                                                                         |

### BORING LOG




|                                                                     |                                                          |                                          |
|---------------------------------------------------------------------|----------------------------------------------------------|------------------------------------------|
| <b>Project No.</b><br>KEI-P94-0903.P2R                              | <b>Boring Diameter</b> 8.5"<br><b>Casing Diameter</b> 2" | <b>Logged By</b> JGG<br>T.S.    LEC 1653 |
| <b>Project Name</b> Unocal S/S #7376<br>4191 1st Street, Pleasanton | <b>Well Cover Elevation</b><br>N/A                       | <b>Date Drilled</b><br>7/23/96           |
| <b>Boring No.</b><br>MW5                                            | <b>Drilling Method</b><br>Hollow-stem Auger              | <b>Drilling Company</b><br>V&W Drilling  |

| Penetration<br>blows/6" | G.W.<br>level | O.V.M.<br>(P.P.M.) | Depth<br>(feet)<br>Samples | Stratigraphy<br>USCS | Description                                                                                                                                                                                                  |
|-------------------------|---------------|--------------------|----------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 13/14/17                |               |                    | 45                         |                      | Clayey silt, very stiff, moist, predominantly yellowish brown, greenish gray staining.                                                                                                                       |
| 4/8/17                  |               |                    | 50                         | ML                   | Clayey silt, trace pebbles, very stiff to hard, moist, dark yellowish brown and greenish gray, mottled, black staining.                                                                                      |
| 12/17/20                |               |                    | 55                         |                      | Silt, estimated at 10-15% sand, trace gravel to 3/4 inch in diameter, variable clay content, very stiff to hard, moist, dark yellowish brown, greenish gray staining.                                        |
| 21/30/32                |               |                    | 60                         | SW-SM                | Well graded sand with silt and gravel, estimated at 5-15% silt and 5-15% gravel to 3/4 inch in diameter, sand is fine to coarse-grained, very dense, moist, greenish gray and dark yellowish brown, mottled. |
| 40/50-6"                | ▽             |                    | 65                         |                      | Well graded sand with silt and gravel, as above except estimated at 10-20% gravel to 1-1/4 inches in diameter.                                                                                               |



## BORING LOG

|                                                                 |                                      |                                                 |
|-----------------------------------------------------------------|--------------------------------------|-------------------------------------------------|
| Project No.<br>KEL-P94-0903.P2R                                 | Boring Diameter    8.5"              | Logged By<br>T.S. <i>JGG</i><br><i>CE6 1633</i> |
|                                                                 | Casing Diameter    2"                |                                                 |
| Project Name    Unocal S/S #7376<br>4191 1st Street, Pleasanton | Well Cover Elevation<br>N/A          | Date Drilled<br>7/23/96                         |
| Boring No.<br>MW5                                               | Drilling Method<br>Hollow-stem Auger | Drilling Company<br>V&W Drilling                |

| Pene-<br>tration<br>blows/6" | G.W.<br>level | O.V.M.<br>(P.P.M.) | Depth<br>(feet)<br>Samples | Stratigraphy<br>USCS | Description                                                                         |                                                                                                                               |
|------------------------------|---------------|--------------------|----------------------------|----------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| 50-6"                        |               |                    | 60                         | SM                   |    | Silty sand with gravel, estimated at 15-25% gravel to 1 inch in diameter and 10-20% silt, very dense, saturated, olive brown. |
| 10/13/19                     |               |                    | 70                         | CL                   |   | Sandy clay, estimated at 20-30% fine to coarse-grained sand, very stiff, wet, yellowish brown.                                |
| 12/15/16                     |               |                    | 75                         | SC                   |  | Clayey sand, estimated at 25-35% clay, sand is fine to coarse-grained, medium dense to dense, wet, yellowish brown.           |
| TOTAL DEPTH: 73.5'           |               |                    |                            |                      |                                                                                     |                                                                                                                               |
|                              |               |                    | 80                         |                      |                                                                                     |                                                                                                                               |
|                              |               |                    | 85                         |                      |                                                                                     |                                                                                                                               |

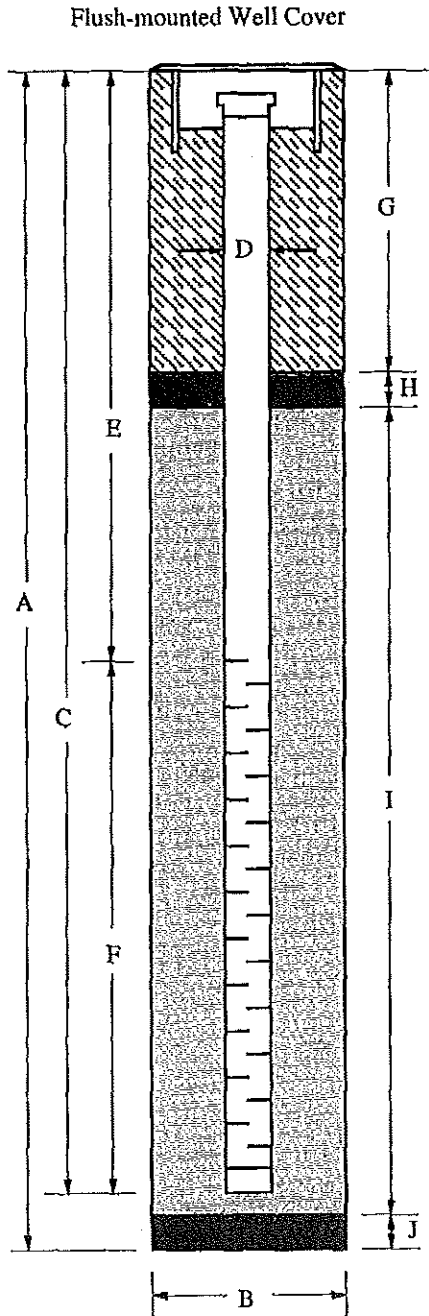
## WELL CONSTRUCTION DIAGRAM

PROJECT NAME: Unocal S/S #7376, 4191 1st Street, Pleasanton, CA

WELL NO.: MW5

PROJECT NUMBER: KEI-P94-0903.P2R

WELL PERMIT NO.:



- A. Total Depth : 73.5'
- B. Boring Diameter: 8.5"  
 Drilling Method: Hollow Stem Auger
- C. Casing Length: 72'  
 Material: Schedule 40 PVC
- D. Casing Diameter: OD ≈ 2.375"  
ID = 2.067"
- E. Depth to Perforations: 52'
- F. Perforated Length: 20'  
 Perforation Type: Machine Slotted  
 Perforation Size: 0.010"
- G. Surface Seal: 48'  
 Seal Material: Neat Cement
- H. Seal: 2'  
 Seal Material: Bentonite
- I. Filter Pack: 22'  
 Pack Material: RMC Lonestar Sand  
 Size: #2/12
- J. Bottom Seal: 1.5'  
 Seal Material: Bentonite

## BORING LOG

|                                                                     |                                                                |                                                     |
|---------------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------|
| <b>Project No.</b><br>KEL-P 94-0903.P2R                             | <b>Boring Diameter</b> 8.5"<br><hr/> <b>Casing Diameter</b> 2" | <b>Logged By</b> <i>JLG</i><br>T.S. <i>CEG 1633</i> |
| <b>Project Name</b> Unocal S/S #7376<br>4191 1st Street, Pleasanton | <b>Well Cover Elevation</b><br>N/A                             | <b>Date Drilled</b><br>7/23-24/96                   |
| <b>Boring No.</b><br>MW6                                            | <b>Drilling Method</b> Hollow-stem Auger                       | <b>Drilling Company</b><br>V & W Drilling           |

| Penetration<br>blows/6" | G.W.<br>level | O.V.M.<br>(P.P.M.) | Depth<br>(feet)<br>Samples | Stratigraphy<br>USCS | Description                                                                                                                                                          |
|-------------------------|---------------|--------------------|----------------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         |               |                    | 0                          |                      | Gravelly silt, estimated at 15-20% gravel to 1 3/4 inches in diameter, and 15-20% sand, loose, moist, dark brown (fill).                                             |
| 2/5/9                   |               |                    | 5                          |                      | Silt, estimated at 15-20% predominantly fine-grained sand, and 5-10% gravel to 3/4 inch in diameter, firm, moist, dark brown (fill).                                 |
| 6/7/8                   |               |                    | 10                         |                      | Silty sand, estimated at 20-30% silt, and 5-10% gravel to 1/2 inch in diameter, sand is predominantly fine-grained, medium dense, moist, yellowish brown (fill).     |
| 10/11/13                |               |                    | 15                         | SC                   | Clayey sand with gravel, estimated at 15-25% clay and 5-10% gravel to 1 inch in diameter, sand is fine to coarse-grained, medium dense, moist, dark yellowish brown. |
| 19/21/29                |               |                    | 20                         | SC                   | Clayey sand, estimated at 20-30% clay, trace gravel to 3/4 inch in diameter, sand is predominantly medium-grained, dense, moist, dark yellowish brown.               |

## BORING LOG

|                                                                 |                                      |                                              |
|-----------------------------------------------------------------|--------------------------------------|----------------------------------------------|
| Project No.<br>KEI-P 94-0903.P2R                                | Boring Diameter    8.5"              | Logged By <i>JGG</i><br>T.S. <i>LEG 1693</i> |
|                                                                 | Casing Diameter    2"                |                                              |
| Project Name    Unocal S/S #7376<br>4191 1st Street, Pleasanton | Well Cover Elevation<br>N/A          | Date Drilled<br>7/23-24/96                   |
| Boring No.<br>MW6                                               | Drilling Method<br>Hollow-stem Auger | Drilling Company<br>V & W Drilling           |

| Penetration<br>blows/6" | G.W.<br>level | O.V.M.<br>(P.P.M.) | Depth<br>(feet)<br>Samples | Stratigraphy<br>USCS | Description                                                                                                                                                                              |
|-------------------------|---------------|--------------------|----------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 36/50-6"                |               |                    | 25                         | SC                   | Clayey sand, estimated at 20-30% clay, trace gravel to 3/4 inch in diameter, sand is predominantly medium-grained, dense, moist, dark yellowish brown.                                   |
| 39/50-6"                |               | No recovery        | 30                         | SW                   | Gravelly sand, estimated at 10-15% gravel to 3/4 inch in diameter, trace silt, sand is fine to coarse-grained, very dense, moist, dark olive.<br><br>2" gravel clast in shoe of sampler. |
| 9/11/12                 |               |                    | 35                         | ML                   | Silt, estimated at 5-15% sand, very stiff, moist, olive and yellowish brown, mottled, black staining.                                                                                    |
| 16/20/20                |               |                    | 40                         | CL                   | Sandy clay, estimated at 20-30% predominantly fine-grained sand, hard, moist, dark yellowish brown and greenish gray, mottled, black staining.                                           |
|                         |               |                    |                            | ML                   | Sandy silt, estimated at 20-30% predominantly fine-grained sand and 5-15% clay, very stiff, moist, greenish gray and dark yellowish brown, mottled.                                      |

### BORING LOG

|                                                                     |                                                          |                                                        |
|---------------------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------|
| <b>Project No.</b><br>KEL-P 94-0903.P2R                             | <b>Boring Diameter</b> 8.5"<br><b>Casing Diameter</b> 2" | <b>Logged By</b><br>T.S. <i>JGG</i><br><i>CEG 1633</i> |
| <b>Project Name</b> Unocal S/S #7376<br>4191 1st Street, Pleasanton | <b>Well Cover Elevation</b><br>N/A                       | <b>Date Drilled</b><br>7/23-24/96                      |
| <b>Boring No.</b><br>MW6                                            | <b>Drilling Method</b><br>Hollow-stem Auger              | <b>Drilling Company</b><br>V & W Drilling              |

| Penetration<br>blows/6" | G.W.<br>level | O.V.M.<br>(P.P.M.) | Depth<br>(feet)<br>Samples | Stratigraphy<br>USCS | Description                                                                                                                                                                              |
|-------------------------|---------------|--------------------|----------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 11/12/18                |               |                    | 45                         | ML                   | Sandy silt, estimated at 20-30% predominantly fine-grained sand, and 5-15% clay, very stiff, moist, greenish gray and dark yellowish brown, mottled.                                     |
| 29/50-6"                |               |                    | 50                         | GW-GM                | Sandy gravel, estimated at 20-30% fine to coarse-grained sand and 10-15% silt, gravel to 1 inch in diameter, very dense, moist, olive.                                                   |
| 23/28/31                |               |                    | 55                         | GM                   | Silty gravel, estimated at 20-30% fine to coarse-grained sand and 15-25% silt, gravel to 2 inches in diameter, very dense, moist, dark yellowish brown, moisture along clast boundaries. |
| 14/23/34                |               |                    | 60                         | GC                   | Clayey gravel, estimated at 20-30% fine to coarse-grained sand and 10-20% clay, gravel to 1-1/2 inches in diameter, dense to very dense, moist, yellowish brown.                         |
| 20/28/29                |               |                    |                            | GC                   | Clayey gravel, as above.                                                                                                                                                                 |
| 29/39/50                |               |                    | 65                         |                      | Clayey gravel, estimated at 20-30% fine to coarse-grained sand and 10-20% clay, gravel to 1-1/2 inches in diameter, very dense, moist, yellowish brown, moisture at clast margins.       |

## BORING LOG

|                                                              |                      |                      |                                           |
|--------------------------------------------------------------|----------------------|----------------------|-------------------------------------------|
| Project No.<br>KEI-P 94-0903.P2R                             | Boring Diameter      | 8.5"                 | Logged By<br>T.S. <i>J66<br/>LEG 1633</i> |
|                                                              | Casing Diameter      | 2"                   |                                           |
| Project Name Unocal S/S #7376<br>4191 1st Street, Pleasanton | Well Cover Elevation | N/A                  | Date Drilled<br>7/23-24/96                |
| Boring No.<br>MW6                                            | Drilling Method      | Hollow-stem<br>Auger | Drilling Company<br>V & W Drilling        |

| Penetration<br>blows/6" | G.W.<br>level | O.V.M.<br>(P.P.M.) | Depth<br>(feet)<br>Samples | Stratigraphy<br>USCS | Description                                                                                                                                                                          |
|-------------------------|---------------|--------------------|----------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 24/50-6"                |               |                    | 65                         | GM                   | Silty gravel, estimated at 15-25% fine to coarse-grained sand and 10-20% silt, gravel to 2 inches in diameter, very dense, moist to wet, yellowish brown.                            |
| 21/12/13                |               |                    | 70                         | ML                   | Silt, hard to very stiff, moist, yellowish brown.                                                                                                                                    |
| 12/13/14                |               |                    | 75                         | SW                   | Silty sand, estimated at 20-30% silt, sand is predominantly very fine to fine-grained, medium dense, moist, yellowish brown.                                                         |
| 50/50-6"                |               |                    | 80                         | SM                   | Sand with gravel and silt, estimated at 20-25% gravel to 3/4 inch in diameter and 5-10% silt, sand is predominantly fine to medium-grained, very dense, moist, dark yellowish brown. |
| 31/50-6"                | ▽             |                    | 85                         | SP                   | Silty sand with gravel, estimated at 15-20% gravel to 1 inch in diameter, and 10-20% silt, sand is fine to coarse-grained, very dense, moist to wet, dark yellowish brown.           |
| 33/50-6"                |               |                    | 90                         | GW                   | Silty sand with gravel, as above.                                                                                                                                                    |
| 8/10/11                 |               |                    | 95                         | ML                   | Poorly graded sand, predominantly medium-grained, medium dense, saturated, olive brown.                                                                                              |
| 33/50-3"                |               |                    | 100                        | ML                   | Well graded gravel with sand, gravel to 1/2 inch in diameter, medium to very coarse-grained sand, medium dense, saturated, olive brown.                                              |
|                         |               |                    | 105                        | ML                   | Silty sand with gravel, estimated at 15-25% silt and 10-20% gravel to 1 inch in diameter, sand is predominantly fine to medium-grained, very dense, saturated, dark yellowish brown. |

TOTAL DEPTH: 88'



Gettler-Ryan Inc.

Log of Boring MW-7

PROJECT: *Tosco (Unocal) Service Station No. 7378*

LOCATION: *419 First Street, Pleasanton, CA*

PROJECT NO.: *140107.02*

CASING ELEVATION: *355.97 feet MSL*

DATE STARTED: *08/14/98*

WL (ft. bgs): *61.8* DATE: *08/14/98* TIME: *2:00 pm*

DATE FINISHED: *08/14/98*

WL (ft. bgs): *64.30* DATE: *08/14/98* TIME: *2:00 pm*

DRILLING METHOD: *8" hollow-stem auger*

TOTAL DEPTH: *75 Feet*

DRILLING COMPANY: *Woodward Drilling*

GEOLOGIST: *Clyde Galantine*

| DEPTH<br>feet | PID<br>(ppm) | BLOWS/FT. * | SAMPLE NUMBER | SAMPLE INT. | GRAPHIC LOG | SOIL CLASS | GEOLOGIC DESCRIPTION                                                                                                                                                                                                       | WELL DIAGRAM |
|---------------|--------------|-------------|---------------|-------------|-------------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| 5             | 2            | 11          | MW-7-8        |             |             | ML         | SILT (ML) - dark brown (10YR 3/3), damp, stiff, slight plasticity, 80% silt, 15% clay, 5% fine sand, trace gravel.                                                                                                         |              |
| 10            | 1            | 42          | MW-7-11       |             |             | GM         | SILTY GRAVEL (GM) - brown (7.5YR 4/4), damp, very dense, 85% subangular to rounded fine gravel, 20% silt, 15% fine to coarse sand.                                                                                         |              |
| 15            | 0            | 66          | MW-7-16.5     |             |             | ML         | SILT WITH SAND (ML) - dark yellowish brown (10YR 4/4), damp, hard, 70% silt, 20% fine to coarse sand, 10% clay.                                                                                                            |              |
| 20            |              | 61          | MW-7-21.5     |             |             | ML         | SILT (ML) - yellowish brown (10YR 5/4), damp, hard, 80% silt, 35% clay, 5% fine to medium sand.                                                                                                                            |              |
| 25            | 0            | 26          | MW-7-26.5     |             |             | SW         | Color change to olive gray (5Y 4/2) with greenish gray (5G 5/1) mottling.                                                                                                                                                  |              |
|               | 3.2          | 34          | MW-7-28       |             |             | GM         | SAND (SW) - olive gray (5Y 4/2), moist, medium dense, 95% fine to medium sand, 5% clay.<br>SILTY GRAVEL (GM) - olive gray (5Y 4/2), moist, very dense, 75% subangular to rounded gravel, 20% silt, 5% fine to coarse sand. |              |



Gettler-Ryan Inc.

Log of Boring MW-7

PROJECT: *Tosco (Unocal) Service Station No. 7376*

LOCATION: *419 First Street, Pleasanton, CA*

| DEPTH<br>feet | PTD (ppm) | BLOWS/FT. * | SAMPLE NUMBER | SAMPLE INT. | GRAPHIC LOG | SOIL CLASS | GEOLOGIC DESCRIPTION                                                                                                                           | WELL DIAGRAM |
|---------------|-----------|-------------|---------------|-------------|-------------|------------|------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| 2             |           | 73          | MW-7-29       |             |             | GM         | Silt strata from 27.25 to 27.75 feet.                                                                                                          |              |
| -             |           | 44          | MW-7-30.5     |             |             | GW         | GRAVEL WITH SAND (GW) - olive gray (10YR 4/2), saturated, very dense, 70% subangular to rounded fine gravel, 25% fine to coarse sand, 5% silt. |              |
| 1.4           |           | 77          | MW-7-32.5     |             |             | GW         | Becomes 55% fine gravel, 45% medium to coarse sand.                                                                                            |              |
|               |           |             | 78            | MW-7-34.5   |             | CL         | CLAY (CL) - dark yellowish brown (10YR 4/6), saturated, very stiff, medium plasticity, 80% clay, 35% silt, 5% fine sand.                       |              |
| 0             |           | 18          | MW-7-38.5     |             |             | CL         | Sand strata from 40.25 to 40.5 feet.<br>Becomes dry, hard at 41 feet.                                                                          |              |
| 0             |           | 66          | MW-7-42       |             |             | ML         | SILT (ML) - yellowish brown (10YR 5/4), moist, very stiff, no plasticity, 80% silt, 15% clay, 5% fine sand.                                    |              |
| 0             |           | 48          | MW-7-46.5     |             |             | SM         | SILTY SAND (SM) - dark yellowish brown (10YR 4/6), moist to damp, dense, 70% subangular to rounded fine sand, 25% silt, 5% clay.               |              |
| 0             |           | 32          | MW-7-51.5     |             |             | SM         |                                                                                                                                                |              |
| 0             |           | 50          | MW-7-56.5     |             |             | SM         |                                                                                                                                                |              |
| 58            |           |             |               |             |             | GW<br>GC   |                                                                                                                                                |              |

Gettler-Ryan Inc.

Log of Boring MW-7

PROJECT: Tosco (Unocal) Service Station No. 7376

LOCATION: 419 First Street, Pleasanton, CA

| DEPTH<br>feet | PID<br>(ppm) | BLOWS/FT. * | SAMPLE NUMBER | SAMPLE INT. | GRAPHIC LOG | SOIL CLASS | GEOLOGIC DESCRIPTION                                                                                                                                                | WELL DIAGRAM                                                                        |
|---------------|--------------|-------------|---------------|-------------|-------------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 0             |              | 70          | MW-7-60.5     | 1/2"        |             | GW-GC      | GRAVEL WITH CLAY AND SAND (GW-GC) - dark yellowish brown (10YR 4/6), moist, very dense, 70% subangular to rounded fine gravel, 25% medium to coarse sand, 10% clay. | <p>2" machine-slotted PVC (0.02 inch)</p> <p>cap</p> <p>sand</p> <p>Lonestar #3</p> |
| 0             |              | 79          | MW-7-62.5     | 1/2"        |             | GW-GC      | Color change to olive gray (5Y 5/2) at 62 feet, becomes saturated.                                                                                                  |                                                                                     |
| 4.4           |              | 66          | MW-7-64.5     | 1/2"        |             | GW-GC      | Sand layer from 64.25 to 64.5 feet.                                                                                                                                 |                                                                                     |
| -             |              | 57          | MW-7-66.5     | 1/2"        |             | GW-GC      | Abundant water at 66 feet.                                                                                                                                          |                                                                                     |
| 10            |              | 57          | MW-7-68.5     | 1/2"        |             | GW-GC      |                                                                                                                                                                     |                                                                                     |
| 70            |              | 0           | MW-7-70.5     | 1/2"        |             | SW-SC      | SAND WITH CLAY (SW-SC) - strong brown (7.5YR 4/6), saturated, very dense, 85% subangular to rounded fine to very coarse sand, 10% clay, 5% fine gravel.             |                                                                                     |
| 0             |              | 60          | MW-7-73.5     | 1/2"        |             | CL         | CLAY (CL) - dark yellowish brown (10YR 4/6), moist, hard, medium plasticity, 85% clay, 10% silt, 5% fine sand.                                                      |                                                                                     |
| 75            |              |             |               |             |             |            | (* Converted to standard penetration blows/foot.)                                                                                                                   |                                                                                     |
| 80            |              |             |               |             |             |            |                                                                                                                                                                     |                                                                                     |
| 85            |              |             |               |             |             |            |                                                                                                                                                                     |                                                                                     |
| 90            |              |             |               |             |             |            |                                                                                                                                                                     |                                                                                     |

|                                                         |  |                                                   |                                  |
|---------------------------------------------------------|--|---------------------------------------------------|----------------------------------|
| <b>Gettler-Ryan Inc.</b>                                |  | <b>Log of Boring MW-8</b>                         |                                  |
| PROJECT: <i>Tosco (Unocal) Service Station No. 7376</i> |  | LOCATION: <i>419 First Street, Pleasanton, CA</i> |                                  |
| PROJECT NO.: <i>140107.02</i>                           |  | CASING ELEVATION: <i>362.37 feet MSL</i>          |                                  |
| DATE STARTED: <i>06/12/98</i>                           |  | WL (ft. bgs): <i>40</i>                           | DATE:                      TIME: |
| DATE FINISHED: <i>06/12/98</i>                          |  | WL (ft. bgs):                      DATE:          | TIME:                            |
| DRILLING METHOD: <i>8" hollow-stem auger</i>            |  | TOTAL DEPTH: <i>87.2 Feet</i>                     |                                  |
| DRILLING COMPANY: <i>Woodward Drilling</i>              |  | GEOLOGIST: <i>Clyde Galantine</i>                 |                                  |

| DEPTH<br>feet | PID (ppm) | BLOWS/FT. * | SAMPLE NUMBER | SAMPLE INT. | GRAPHIC LOG | SOIL CLASS | GEOLOGIC DESCRIPTION                                                                                                                     | WELL DIAGRAM                                       |
|---------------|-----------|-------------|---------------|-------------|-------------|------------|------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| 5             | 5         | 16          | MW-8-8        | █           |             | GH         | SILTY GRAVEL (GM) - dark brown (10YR 3/3), damp, medium dense, 70% subangular to rounded fine gravel, 20% silt, 10% fine to coarse sand. | <p>2" blank Schedule 40 PVC</p> <p>neat cement</p> |
| 10            | 3         | 21          | MW-8-11       | █           |             | ML         | SILT (ML) - very dark grayish brown (10YR 3/2), damp to moist, very stiff, non plastic, 75% silt, 20% clay, 5% fine sand.                |                                                    |
| 15            | 2         | 14          | MW-8-16.5     | █           |             | ML         | Color change to dark brown (10YR 4/4).                                                                                                   |                                                    |
| 20            | 4         | 22          | MW-8-21.5     | █           |             | ML         | Becomes damp, hard, non plastic, 70% silt, 20% clay, 10% fine to coarse sand.                                                            |                                                    |
| 25            | 2         | 33          | MW-8-26       | █           |             | ML         |                                                                                                                                          |                                                    |

Gettler-Ryan Inc.

Log of Boring MW-8

PROJECT: Tosco (Unocal) Service Station No. 7376

LOCATION: 419 First Street, Pleasanton, CA

| DEPTH<br>feet | PID (ppm) | BLOWS/FT. * | SAMPLE NUMBER | SAMPLE INT. | GRAPHIC LOG | SOIL CLASS | GEOLOGIC DESCRIPTION                                                                                                                                                                                                                                                                | WELL DIAGRAM                                       |
|---------------|-----------|-------------|---------------|-------------|-------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| 33            | 2         | 38          | MW-8-32       |             |             | ML         |                                                                                                                                                                                                                                                                                     | <p>2" blank Schedule 40 PVC</p> <p>neat cement</p> |
| 38            | 2         | 66          | MW-8-37       |             |             | SP         | <p>Color change to olive gray (5Y 4/2) with dark greenish gray (5BG 4/1) mottling, becomes moist, hard, slight plasticity, 80% silt, 35% clay, 5% fine sand.</p> <p>SAND (SP) - olive gray (5Y 4/2), moist, very dense, 95% subangular to rounded fine to medium sand, 5% clay.</p> |                                                    |
| 43            | 7         | 41          | MW-8-41       |             |             | GW         | <p>GRAVEL WITH SAND (GW) - dark greenish gray (5GY 4/1), saturated, very dense, 70% subangular to rounded fine gravel, 25% fine to coarse sand, 5% clay.</p>                                                                                                                        |                                                    |
| 48            | 321       | 11          | MW-8-45.5     |             |             | ML         | <p>SILT (ML) - dark yellowish brown (10YR 4/4), moist to damp, hard, non plastic, 80% silt, 20% clay, trace fine sand.</p>                                                                                                                                                          |                                                    |
| 53            | 23        | 21          | MW-8-46.5     |             |             | ML         | <p>Becomes moist, 75% silt, 20% clay, 5% fine to medium sand.</p>                                                                                                                                                                                                                   |                                                    |
| 58            | 20        | 29          | MW-8-51.5     |             |             | CL         | <p>CLAY (CL) - light brownish gray (10YR 6/2) to brown (10YR 4/3), damp to moist, hard, medium plasticity, 80% clay, 20% silt, trace fine to medium sand.</p>                                                                                                                       |                                                    |
|               | 39        | 61          | MW-8-57       |             |             |            |                                                                                                                                                                                                                                                                                     |                                                    |

Gettler-Ryan Inc.

Log of Boring MW-8






PROJECT: Tosco (Unocal) Service Station No. 7378

LOCATION: 419 First Street, Pleasanton, CA

| DEPTH feet | PTD (ppm) | BLOWS/FT. * | SAMPLE NUMBER | SAMPLE INT. | GRAPHIC LOG | SOIL CLASS | GEOLOGIC DESCRIPTION                                                                                                                                                      | WELL DIAGRAM |
|------------|-----------|-------------|---------------|-------------|-------------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| 65         | 0         | 32          | MW-8-02       |             |             | CL         |                                                                                                                                                                           |              |
| 65         | 3         | 35          | MW-8-07       |             |             | ML         | SILT (ML) - light brownish gray (10YR 6/2) to brown (10YR 4/3), damp to moist, hard, slight plasticity, 65% silt, 30% clay, 5% fine sand.                                 |              |
| 70         | 11        | 48          | MW-8-71       |             |             | GW         | GRAVEL WITH SAND (GW) - strong brown (10YR 4/6), saturated to moist, very dense, 60% subangular to rounded fine gravel, 35% fine to very coarse sand, 5% clay.            |              |
| 70         | 6         | 16          | MW-8-72.5     |             |             | GW GC      | GRAVEL WITH CLAY AND SAND (GW-GC) - strong brown (10YR 4/6), saturated, very dense, 60% subangular to rounded fine gravel, 30% fine to very coarse sand, 10% clay.        |              |
| 75         | -         | 16          | MW-8-75.5     |             |             |            |                                                                                                                                                                           |              |
| 80         | 12        | 71          | MW-8-80       |             |             | ML         | SILT WITH SAND (ML) - strong brown (10YR 4/6), damp to moist, hard, non plastic, 60% silt, 25% clay, 15% fine to very coarse sand, trace fine gravel.                     |              |
| 80         | 3         | 65          | MW-8-81.5     |             |             | SH SC      | SAND WITH CLAY AND GRAVEL (SH-SC) - yellowish brown (10YR 5/4), damp to moist, very dense, 70% subangular to rounded fine to very coarse sand, 20% fine gravel, 10% clay. |              |
| 85         | 3         | 60          | MW-8-83       |             |             |            |                                                                                                                                                                           |              |
| 85         | 6         | 18          | MW-8-84.5     |             |             |            |                                                                                                                                                                           |              |
| 85         | 5         | 25          |               |             |             |            | No sample.                                                                                                                                                                |              |
| 85         | 5         | 44          |               |             |             |            |                                                                                                                                                                           |              |
| 90         |           |             |               |             |             |            | (* Converted to standard penetration blows/foot.)                                                                                                                         |              |

| MAJOR DIVISIONS                                                      |                                                                           |                                       | TYPICAL NAMES                                                                           |                                                                |
|----------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------|
| COARSE-GRAINED SOILS<br>MORE THAN HALF IS COARSER THAN NO. 200 SIEVE | GRAVELS<br>MORE THAN HALF COARSE FRACTION IS LARGER THAN NO. 4 SIEVE SIZE | CLEAN GRAVELS WITH LITTLE OR NO FINES | GW                                                                                      | WELL GRADED GRAVELS WITH OR WITHOUT SAND, LITTLE OR NO FINES   |
|                                                                      |                                                                           |                                       | GP                                                                                      | POORLY GRADED GRAVELS WITH OR WITHOUT SAND, LITTLE OR NO FINES |
|                                                                      |                                                                           | GRAVELS WITH OVER 15% FINES           | GM                                                                                      | SILTY GRAVELS, SILTY GRAVELS WITH SAND                         |
|                                                                      |                                                                           |                                       | GC                                                                                      | CLAYEY GRAVELS, CLAYEY GRAVELS WITH SAND                       |
|                                                                      | SANDS<br>MORE THAN HALF COARSE FRACTION IS SMALLER THAN NO. 4 SIEVE SIZE  | CLEAN SANDS WITH LITTLE OR NO FINES   | SW                                                                                      | WELL GRADED SANDS WITH OR WITHOUT GRAVEL, LITTLE OR NO FINES   |
|                                                                      |                                                                           |                                       | SP                                                                                      | POORLY GRADED SANDS WITH OR WITHOUT GRAVEL, LITTLE OR NO FINES |
|                                                                      |                                                                           | SANDS WITH OVER 15% FINES             | SM                                                                                      | SILTY SANDS WITH OR WITHOUT GRAVEL                             |
|                                                                      |                                                                           |                                       | SC                                                                                      | CLAYEY SANDS WITH OR WITHOUT GRAVEL                            |
| FINE-GRAINED SOILS<br>MORE THAN HALF IS FINER THAN NO. 200 SIEVE     | SILTS AND CLAYS<br>LIQUID LIMIT 50% OR LESS                               | ML                                    | INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTS WITH SANDS AND GRAVELS           |                                                                |
|                                                                      |                                                                           | CL                                    | INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY<br>CLAYS WITH SANDS AND GRAVELS, LEAN CLAYS |                                                                |
|                                                                      |                                                                           | OL                                    | ORGANIC SILTS OR CLAYS OF LOW PLASTICITY                                                |                                                                |
|                                                                      | SILTS AND CLAYS<br>LIQUID LIMIT GREATER THAN 50%                          | MH                                    | INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS, FINE SANDY OR SILTY SOILS, ELASTIC SILTS    |                                                                |
|                                                                      |                                                                           | CH                                    | INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS                                           |                                                                |
|                                                                      |                                                                           | OH                                    | ORGANIC SILTS OR CLAYS OF MEDIUM TO HIGH PLASTICITY                                     |                                                                |
| HIGHLY ORGANIC SOILS                                                 | PT                                                                        | PEAT AND OTHER HIGHLY ORGANIC SOILS   |                                                                                         |                                                                |

- LL      - Liquid Limit (%)
- PI      - Plastic Index (%)
- PID     - Volatile Vapors in ppm
- MA     - Particle Size Analysis
- 2.5 YR 6/2 - Soil Color according to Munsell Soil Color Charts (1975 Edition)
- 5 GY 5/2 - GSA Rock Color Chart

-  - No Soil Sample Recovered
-  - "Undisturbed" Sample
-  - Bulk or Classification Sample
-  - First Encountered Ground Water Level
-  - Piezometric Ground Water Level
- Penetration - Sample drive hammer weight - 140 pounds falling 30 inches. Blows required to drive sampler 1 foot are indicated on the logs

Unified Soil Classification - ASTM D 2488-85  
and Key to Test Data

# Gettler-Ryan, Inc.

# Log of Boring MW-9

|                                                     |                                                                       |
|-----------------------------------------------------|-----------------------------------------------------------------------|
| PROJECT: <i>Tosco (76) Service Station No. 7376</i> | LOCATION: <i>419 First Street, Pleasanton, CA</i>                     |
| GR PROJECT NO.: <i>140107.04</i>                    | CASING ELEVATION: <i>354.85 feet MSL</i>                              |
| DATE STARTED: <i>10/07/99</i>                       | WL (ft. bgs): <i>73.85</i> DATE: <i>10/07/99</i> TIME: <i>1:30 pm</i> |
| DATE FINISHED: <i>10/07/99</i>                      | WL (ft. bgs): <i>71.73</i> DATE: <i>10/07/99</i> TIME: <i>3:10 pm</i> |
| DRILLING METHOD: <i>8" hollow-stem auger</i>        | TOTAL DEPTH: <i>76 feet</i>                                           |
| DRILLING COMPANY: <i>Woodward Drilling</i>          | GEOLOGIST: <i>Clyde Galantine</i>                                     |

| DEPTH (feet) | PID (ppm) | BLOWS/FT. * | SAMPLE NUMBER | SAMPLE INT. | GRAPHIC LOG | SOIL CLASS | GEOLOGIC DESCRIPTION                                                                                                                                                                            | WELL DIAGRAM                                      |
|--------------|-----------|-------------|---------------|-------------|-------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| 0            |           |             |               |             |             | ML         | SILT with SAND (ML) - dark brown (10YR 4/3), moist, stiff, non-plastic; 80% silt, 15% fine to coarse sand, 5% gravel.                                                                           | <p>2" diam Schedule 40 PVC</p> <p>rest cement</p> |
| 4            |           |             | 13 MW-9-8     |             |             | ML         | Change at 2.5 feet to dark brown (10YR 3/3).                                                                                                                                                    |                                                   |
| 8            |           |             | 18 MW-9-11    |             |             | ML         | Change at 4.25 feet to SILT (ML) - brown (10YR 4/3), moist, very stiff, non-plastic; 90-100% silt, 0-10% very fine sand.                                                                        |                                                   |
| 12           |           |             | 56 MW-9-16    |             |             | ML         | Change at 10 feet to SILT with SAND (ML) - brown (10YR 4/3), moist, very stiff; 80% silt, 20% fine to coarse sand.                                                                              |                                                   |
| 16           |           |             | 48 MW-9-21    |             |             | ML         | Change at 15 feet to dark yellowish brown (10YR 4/4).                                                                                                                                           |                                                   |
| 20           |           |             |               |             |             | CL         | Change at 20 feet to SILT (ML) - brown (7.5YR 5/4) with dark grayish brown (10YR 4/2) mottling, moist, hard; 65% silt, 25% clay, 10% fine to coarse sand.                                       |                                                   |
| 24           |           |             |               |             |             | CL         | CLAY (CL) - dark yellowish brown (10YR 4/4), moist, hard, moderately plastic; 75% clay, 15% silt, 10% fine to coarse sand.                                                                      |                                                   |
| 28           |           |             | 38 MW-9-26    |             |             | GW         | GRAVEL (GW) - dark grayish brown (2.5Y 4/2), moist to saturated, very dense; 70% subangular to rounded fine gravel, 25% 90% subangular to rounded fine gravel, 5% fine to coarse sand, 5% clay. |                                                   |

# Gettler-Ryan, Inc.

# Log of Boring MW-9

PROJECT: *Tosco (76) Service Station No. 7376*

LOCATION: *419 First Street, Pleasanton, CA*

| DEPTH (feet) | PID (ppm) | BLOWS/FT. * | SAMPLE NUMBER | SAMPLE INT. | GRAPHIC LOG | SOIL CLASS | GEOLOGIC DESCRIPTION                                                                                                                                                                            | WELL DIAGRAM |
|--------------|-----------|-------------|---------------|-------------|-------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| 0            | <100      |             | MW-9-30.5     | ■           |             | GW         | GRAVEL (GW) - dark grayish brown (2.5Y 4/2), moist to saturated, very dense; 70% subangular to rounded fine gravel, 25% 90% subangular to rounded fine gravel, 5% fine to coarse sand, 5% clay. |              |
| 32           |           |             |               |             |             |            |                                                                                                                                                                                                 |              |
| 36           | 1         | <100        |               | □           |             |            | No sample recovery                                                                                                                                                                              |              |
| 40           | 0         | 24          | MW-9-41       | ■           |             | CL         | CLAY (CL) - light yellowish gray (2.5Y 6/2) to dark brown (10YR 4/3), moist to saturated, very stiff, very plastic; 80% clay, 15% silt, 5% fine sand.                                           |              |
| 44           |           |             |               |             |             | SW         | SAND (SW) - dark yellowish brown (10YR 4/6), saturated, very dense, 95% subangular to rounded fine to coarse sand, 5% clay.                                                                     |              |
| 48           | 0         | 56          | MW-9-48.5     | ■           |             | GW         | GRAVEL (GW) - dark yellowish brown (10YR 4/6), saturated, very dense; 75% subangular to rounded fine gravel, 20% fine to coarse sand, 5% clay.                                                  |              |
| 52           | 0         | 31          | MW-9-51       | ■           |             | CL         | CLAY (CL) - dark yellowish brown (10YR 4/6), saturated, hard, plastic; 90% clay, 6% silt, 5% fine sand.                                                                                         |              |
| 56           | 0         | <100        | MW-9-56       | □           |             | SM         | SILTY SAND (SM) - brown (10YR 4/3), saturated, very dense, 80% subangular to rounded very fine to fine sand, 20% silt.                                                                          |              |
| 60           |           |             |               |             |             |            |                                                                                                                                                                                                 |              |



# Gettler-Ryan, Inc.

# Log of Boring MW-9

PROJECT: *Tosco (76) Service Station No. 7376*

LOCATION: *419 First Street, Pleasanton, CA*

| DEPTH (feet) | PIID (ppm) | BLOWS/FT. * | SAMPLE NUMBER | SAMPLE INT. | GRAPHIC LOG | SOIL CLASS  | GEOLOGIC DESCRIPTION                                                                                                                                                                                            | WELL DIAGRAM |
|--------------|------------|-------------|---------------|-------------|-------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| 0            | 0          | <100        | MW-9-80.5     | █           |             | SM<br>SW-SC | See previous sheet for geologic description.<br>SAND with CLAY (SW-SC) - dark yellowish brown (10YR 4/4), saturated, very dense; 80% subangular to rounded fine to very coarse sand, 10% fine gravel, 10% clay. |              |
| 64           | 0          | <100        |               | ▣           |             | SN          | SAND with GRAVEL (SN) - dark yellowish brown (10YR 3/4), saturated, very dense; 65-70% subangular to rounded fine to very coarse sand, 25% fine gravel, 5-10% clay.                                             |              |
| 72           | 0          | 88          | MW-9-71.5     | █           |             | SW-SC       | SAND with CLAY (SW-SC) - dark yellowish brown (10YR 4/4), saturated, very dense; 80% subangular to rounded fine to very coarse sand, 10% fine gravel, 10% clay.                                                 |              |
| 76           | 0          | <100        | MW-9-78       | ▣           |             | SW-SC       | Bottom of boring at 76 feet bgs.<br>(* = Converted to equivalent standard penetration blows/foot.)                                                                                                              |              |
| 80           |            |             |               |             |             |             |                                                                                                                                                                                                                 |              |
| 84           |            |             |               |             |             |             |                                                                                                                                                                                                                 |              |
| 88           |            |             |               |             |             |             |                                                                                                                                                                                                                 |              |
| 92           |            |             |               |             |             |             |                                                                                                                                                                                                                 |              |

# Gettler-Ryan, Inc.

# Log of Boring MW-10

|                                                     |                                                   |
|-----------------------------------------------------|---------------------------------------------------|
| PROJECT: <i>Tosco (76) Service Station No. 7376</i> | LOCATION: <i>419 First Street, Pleasanton, CA</i> |
| GR PROJECT NO.: <i>140107.04</i>                    | CASING ELEVATION: <i>362.62 feet MSL</i>          |
| DATE STARTED: <i>11/21/99</i>                       | WL (ft. bgs): <i>88.5</i> DATE:    TIME:          |
| DATE FINISHED: <i>11/21/99</i>                      | WL (ft. bgs):    DATE:    TIME:                   |
| DRILLING METHOD: <i>8" hollow-stem auger</i>        | TOTAL DEPTH: <i>100 feet</i>                      |
| DRILLING COMPANY: <i>Woodward Drilling</i>          | GEOLOGIST: <i>Clyde Galantine</i>                 |

| DEPTH (feet) | PTD (ppm) | BLOWS/FT. * | SAMPLE NUMBER | SAMPLE INT. | GRAPHIC LOG                                                                                                                                                                                   | SOIL CLASS | GEOLOGIC DESCRIPTION                                                                                                                                                                          | WELL DIAGRAM                                       |
|--------------|-----------|-------------|---------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| 0            |           |             |               |             | Asphalt                                                                                                                                                                                       | GW         | Asphalt                                                                                                                                                                                       | <p>2" blank Schedule 40 PVC</p> <p>neat cement</p> |
| 0            |           |             |               |             | GRAVEL with SAND (GW) - Fill material.                                                                                                                                                        | ML         | GRAVEL with SAND (GW) - Fill material.                                                                                                                                                        |                                                    |
| 4            | -         |             | MW-10-3.5     |             | SANDY SILT (ML) - very dark grayish brown (10YR 3/2), moist, hard, non-plastic; 50% silt, 30% subangular to rounded fine to coarse sand, 20% clay.                                            |            | SANDY SILT (ML) - very dark grayish brown (10YR 3/2), moist, hard, non-plastic; 50% silt, 30% subangular to rounded fine to coarse sand, 20% clay.                                            |                                                    |
| 4            | -         | 29          | MW-10-5.5     |             | Change at 2.5 feet to yellowish brown (10YR 5/6).                                                                                                                                             |            | Change at 2.5 feet to yellowish brown (10YR 5/6).                                                                                                                                             |                                                    |
| 8            | 0         | 21          | MW-10-7.5     |             | Change at 12.5 feet to SILT with GRAVEL (ML) - dark yellowish brown (10YR 3/4), moist, very stiff, non-plastic; 80% silt, 15% subangular to rounded fine gravel, 5% fine to coarse sand.      |            | Change at 12.5 feet to SILT with GRAVEL (ML) - dark yellowish brown (10YR 3/4), moist, very stiff, non-plastic; 80% silt, 15% subangular to rounded fine gravel, 5% fine to coarse sand.      |                                                    |
| 12           | 2         | 25          | MW-10-11      |             | Change at 12.5 feet to SANDY SILT (ML) - dark gray (10YR 4/1); 40% silt, 40% subangular to rounded fine to medium sand, 20% clay.                                                             |            | Change at 12.5 feet to SANDY SILT (ML) - dark gray (10YR 4/1); 40% silt, 40% subangular to rounded fine to medium sand, 20% clay.                                                             |                                                    |
| 16           | 0         | 22          | MW-10-13      |             | Change at 14.5 feet to GRAVELLY SILT (ML) - very grayish brown (10YR 5/2), hard, non-plastic; 60% silt, 30% subangular to rounded fine gravel, 15% subangular to rounded fine to coarse sand. | SW-SM      | Change at 14.5 feet to GRAVELLY SILT (ML) - very grayish brown (10YR 5/2), hard, non-plastic; 60% silt, 30% subangular to rounded fine gravel, 15% subangular to rounded fine to coarse sand. |                                                    |
| 16           | 0         | 54          | MW-10-16.5    |             | SAND with GRAVEL (SW-SM) - dark brown (10YR 4/3), moist to saturated, very dense; 80% subangular to rounded fine to very coarse sand, 30% fine gravel, 10% silt.                              | ML         | SAND with GRAVEL (SW-SM) - dark brown (10YR 4/3), moist to saturated, very dense; 80% subangular to rounded fine to very coarse sand, 30% fine gravel, 10% silt.                              |                                                    |
| 20           | 0         | <100        | MW-10-19      |             | SILT with SAND (ML) - dark yellowish brown (10YR 4/6), moist, hard, non-plastic; 70% silt, 25% subangular to rounded fine to very coarse sand, 5% subangular to rounded fine gravel.          |            | SILT with SAND (ML) - dark yellowish brown (10YR 4/6), moist, hard, non-plastic; 70% silt, 25% subangular to rounded fine to very coarse sand, 5% subangular to rounded fine gravel.          |                                                    |
| 24           | 0         | 54          | MW-10-21      |             | SAND (SW) - olive gray (5Y 4/2), moist, very dense; 85% subangular to rounded fine to coarse sand, 10% subangular to rounded fine gravel, 5% silt.                                            | SW         | SAND (SW) - olive gray (5Y 4/2), moist, very dense; 85% subangular to rounded fine to coarse sand, 10% subangular to rounded fine gravel, 5% silt.                                            |                                                    |
| 24           | 0         | 67          |               |             | No sample recovery.                                                                                                                                                                           |            | No sample recovery.                                                                                                                                                                           |                                                    |
| 24           | 0         | 46          | MW-10-25.5    |             | SILT (ML) - yellowish brown (10YR 5/4), moist, hard, non-plastic; 60% silt, 10% subangular to rounded fine sand.                                                                              | ML         | SILT (ML) - yellowish brown (10YR 5/4), moist, hard, non-plastic; 60% silt, 10% subangular to rounded fine sand.                                                                              |                                                    |
| 28           |           |             |               |             | Change at 27.25 feet to olive gray (5Y 4/2); 60% silt, 30% clay, 10% subangular to rounded fine sand.                                                                                         |            | Change at 27.25 feet to olive gray (5Y 4/2); 60% silt, 30% clay, 10% subangular to rounded fine sand.                                                                                         |                                                    |

# Gettler-Ryan, Inc.

# Log of Boring MW-10

PROJECT: *Tosco (76) Service Station No. 7376*

LOCATION: *419 First Street, Pleasanton, CA*

| DEPTH (feet) | PID (ppm) | BLOWS/FT. * | SAMPLE NUMBER | SAMPLE INT. | GRAPHIC LOG | SOIL CLASS | GEOLOGIC DESCRIPTION                                                                                                                                                                                        | WELL DIAGRAM                                       |
|--------------|-----------|-------------|---------------|-------------|-------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| 0            |           | 48          | MW-10-29      |             |             | ML         | SILT (ML) - olive gray (5Y 4/2); moist, hard, non-plastic; 60% silt, 30% clay, 10% subangular to rounded fine sand.                                                                                         | <p>2" blank Schedule 40 PVC</p> <p>neat cement</p> |
| -            |           | <100        | MW-10-31      |             |             | GW-GC      | GRAVEL with SILT and SAND (GW-GC) - olive gray (5Y 4/2), moist, very dense; 60% subangular to rounded fine gravel, 30% subangular to rounded fine to coarse sand, 10% silt.                                 |                                                    |
| 32           |           | <100        | MW-10-32.5    |             |             | SW         | SAND (SW) - olive gray (5Y 4/2), moist, very dense; 90% subangular to rounded very fine to coarse sand, 10% silt, layers of silt and coarse sand.                                                           |                                                    |
| 36           |           | <100        | MW-10-36.5    |             |             | GW         | GRAVEL with SAND (GW) - olive gray (5Y 5/2), moist, very dense; 80% subangular to rounded fine gravel, 30-35% subangular to rounded very fine to coarse sand, 5-10% silt.                                   |                                                    |
| 38           |           | <100        | MW-10-38      |             |             |            |                                                                                                                                                                                                             |                                                    |
| 40           |           | 48          | MW-10-40.5    |             |             | ML         | SILT (ML) - brown (10YR 4/3), moist, hard, non-plastic; 60-80% silt, 20-30% clay, 0-10% subangular to rounded fine to coarse sand.                                                                          |                                                    |
| 44           | 2         | 68          | MW-10-44      |             |             |            | Coarse sand layer at 43.25 - 43.4 feet.<br><br>At 45 feet becomes saturated.<br><br>Change at 46 feet to grayish brown (10YR 5/2), moist; 80% silt, 20% clay.<br>Gray (5Y 5/1) mottling at 47 to 48.5 feet. |                                                    |
| 48           | 0         | 63          | MW-10-47      |             |             |            |                                                                                                                                                                                                             |                                                    |
| 50           |           | <100        | MW-10-49      |             |             |            | Change at 50 feet to dark yellowish brown (10YR 4/4) with black manganese oxide staining.                                                                                                                   |                                                    |
| 52           | 2         | <100        | MW-10-51      |             |             |            |                                                                                                                                                                                                             |                                                    |
| 54           | 12        | <100        | MW-10-54      |             |             |            | Change at 55 feet to light olive brown (2.5Y 5/3) and greenish gray (5B 6/1).                                                                                                                               |                                                    |
| 56           | 443       | 72          | MW-10-58      |             |             |            | Equipment broken downhole, overdrilled from 57 - 70 feet, no samples were taken.                                                                                                                            |                                                    |
| 60           |           |             |               |             |             |            |                                                                                                                                                                                                             |                                                    |



# Gettler-Ryan, Inc.

# Log of Boring MW-10

PROJECT: *Tosco (76) Service Station No. 7376*

LOCATION: *419 First Street, Pleasanton, CA*

| DEPTH (feet) | PID (ppm) | BLOWS/FT. * | SAMPLE NUMBER | SAMPLE INT. | GRAPHIC LOG | SOIL CLASS | GEOLOGIC DESCRIPTION                                                                                                                                                                                                                                                                                                                | WELL DIAGRAM                                                            |
|--------------|-----------|-------------|---------------|-------------|-------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| 96           | 0         | <100        | MW-10-92.5    | HH          |             | GW         | GRAVEL with SAND (GW) - yellowish brown (10YR 5/8), moist, very dense; 70% subangular to rounded fine gravel, 30% subangular to rounded fine to very coarse sand, trace of silt.<br><br>Course sand (SW) at bottom of 92.5 foot sample.<br><br>Hydropunch rejection ater 6 inches at 93 feet.<br><br>Hydropunch sample - MW-10-95'. | <p>cap<br/>2" machine slotted PVC (0.020 inch)<br/>#3 Lanester sand</p> |
| 100          | 2         | <100        | MW-10-99      | HH          |             |            | Hydropunch from 99 ~ 100 feet, no groundwater after 1 hour wait.<br><br>Bottom of boring at 100 feet bgs.<br><br>(* = Converted to equivalent standard penetration blows/foot.)                                                                                                                                                     |                                                                         |
| 104          |           |             |               |             |             |            |                                                                                                                                                                                                                                                                                                                                     |                                                                         |
| 108          |           |             |               |             |             |            |                                                                                                                                                                                                                                                                                                                                     |                                                                         |
| 112          |           |             |               |             |             |            |                                                                                                                                                                                                                                                                                                                                     |                                                                         |
| 116          |           |             |               |             |             |            |                                                                                                                                                                                                                                                                                                                                     |                                                                         |
| 120          |           |             |               |             |             |            |                                                                                                                                                                                                                                                                                                                                     |                                                                         |
| 124          |           |             |               |             |             |            |                                                                                                                                                                                                                                                                                                                                     |                                                                         |

|                                                     |  |                                                            |                                          |
|-----------------------------------------------------|--|------------------------------------------------------------|------------------------------------------|
| <b>Gettler-Ryan, Inc.</b>                           |  | <b>Log of Boring MW-11</b>                                 |                                          |
| PROJECT: <i>Tosco (76) Service Station No. 7376</i> |  | LOCATION: <i>4191 First Street, Pleasanton, California</i> |                                          |
| GR PROJECT NO.: <i>140107.05</i>                    |  | CASING ELEVATION:                                          |                                          |
| DATE STARTED: <i>09/17/01</i>                       |  | WL (ft. bgs): <i>81.1</i>                                  | DATE: <i>09/17/01</i> TIME: <i>08:00</i> |
| DATE FINISHED: <i>09/17/01</i>                      |  | WL (ft. bgs):                                              | DATE: TIME:                              |
| DRILLING METHOD: <i>8 in. Hollow Stem Auger</i>     |  | TOTAL DEPTH: <i>91 feet</i>                                |                                          |
| DRILLING COMPANY: <i>Woodward Drilling</i>          |  | GEOLOGIST: <i>Clyde Galantine</i>                          |                                          |

| DEPTH (feet) | PID (ppm) | BLOWS/FT. * | SAMPLE NUMBER | SAMPLE INT. | GRAPHIC LOG | SOIL CLASS | GEOLOGIC DESCRIPTION        | WELL DIAGRAM |
|--------------|-----------|-------------|---------------|-------------|-------------|------------|-----------------------------|--------------|
| 5            |           |             |               |             |             |            | Well not logged to 40 feet. |              |
| 10           |           |             |               |             |             |            |                             |              |
| 15           |           |             |               |             |             |            |                             |              |
| 20           |           |             |               |             |             |            |                             |              |
| 25           |           |             |               |             |             |            |                             |              |
| 30           |           |             |               |             |             |            |                             |              |
| 35           |           |             |               |             |             |            |                             |              |

# Gettler-Ryan, Inc.

# Log of Boring MW-11

PROJECT: *Tosco (76) Service Station No. 7376*

LOCATION: *4191 First Street, Pleasanton, California*

| DEPTH (feet) | PID (ppm) | BLOWS/FT. * | SAMPLE NUMBER | SAMPLE INT. | GRAPHIC LOG | SOIL CLASS | GEOLOGIC DESCRIPTION                                                                                                                                                                  | WELL DIAGRAM |
|--------------|-----------|-------------|---------------|-------------|-------------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| 40           | 0         | >100        | MW-11-41      |             |             | SM         | SILTY SAND WITH GRAVEL (SM) - yellowish brown (10YR 5/4), saturated, very dense; 50% subangular to rounded fine to very coarse sand, 35% subangular to rounded fine gravel, 15% silt. |              |
|              | 0         | >100        | MW-11-42.5    |             |             | GC         | CLAYEY GRAVEL WITH SILT (GC) - yellowish brown (10YR 5/4), saturated, very dense; 50% subangular to rounded fine gravel, 30% fine to very coarse sand, 20% clay.                      |              |
| 45           |           | >100        |               |             |             | CL         | CLAY (CL) - brown (7.5YR 4/4), moist, hard, plastic; 80% clay, 15% silt, 5% fine sand.                                                                                                |              |
| 50           | 0         | 48          | MW-11-49      |             |             |            | Becomes very stiff; 80% clay, 35% silt, 5% fine sand.                                                                                                                                 |              |
|              | 0         | 17          | MW-11-52      |             |             |            | Becomes hard.                                                                                                                                                                         |              |
| 55           |           | >100        |               |             |             |            | Becomes very stiff; 80% clay, 15% silt, 5% fine sand.                                                                                                                                 |              |
|              | 0         | 31          | MW-11-57      |             |             |            | Becomes hard.                                                                                                                                                                         |              |
|              | 0         | 35          | MW-11-59      |             |             |            |                                                                                                                                                                                       |              |
| 60           | 0         | 28          | MW-11-61.5    |             |             |            | Becomes very stiff.                                                                                                                                                                   |              |
|              | 0         | >100        | MW-11-63.5    |             |             |            | Becomes hard.                                                                                                                                                                         |              |
| 65           | 0         | >100        | MW-11-66      |             |             |            |                                                                                                                                                                                       |              |
| 70           | 0         | >100        | MW-11-68.5    |             |             | SM         | SILTY SAND (SM) - yellowish brown (10YR 5/4) and pale brown (10YR 6/3), moist, very dense; 65% subangular to rounded fine sand, 35% silt.                                             |              |
|              | 0         | >100        | MW-11-71.5    |             |             |            | SILTY SAND WITH GRAVEL (SM) - yellowish brown (10YR 5/4) and pale brown (10YR 6/3), moist, very dense; 60% sand, 20% fine gravel, 20% silt.                                           |              |
|              | -         | >100        | MW-11-72.5    |             |             | SW-SC      | SAND WITH CLAY AND GRAVEL (SW-SC) - brown (10YR 4/3), saturated, very dense; 80% subangular to rounded fine to coarse sand, 30% fine gravel, 10% clay.                                |              |

# Gettler-Ryan, Inc.

# Log of Boring MW-11

PROJECT: *Tosco (76) Service Station No. 7376*

LOCATION: *4191 First Street, Pleasanton, California*

| DEPTH (feet) | PTD (ppm) | BLOWS/FT. * | SAMPLE NUMBER | SAMPLE INT. | GRAPHIC LOG | SOIL CLASS | GEOLOGIC DESCRIPTION                                                                                                                                   | WELL DIAGRAM                                                                       |
|--------------|-----------|-------------|---------------|-------------|-------------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| 80           | -         | >100        | MW-11-80.5    |             |             | SW-SC      |                                                                                                                                                        | <p>2" machine slotted PVC (0.023 inch)</p> <p>63 Lenexar sand</p> <p>bentonite</p> |
|              |           | >100        |               |             |             | GW-GC      | GRAVEL WITH CLAY AND SAND (GW-GC) - brown (10YR 4/3), saturated, very dense; 50% subangular to rounded fine gravel, 40% fine to coarse sand, 10% clay. |                                                                                    |
|              |           | >100        |               |             |             | GW-GM      | GRAVEL WITH SILT AND SAND (GW-GM) - brown (10YR 4/3), saturated, very dense; 65% subangular to rounded fine gravel, 25% fine to coarse sand, 10% silt. |                                                                                    |
|              |           | >100        | MW-11-84      |             |             | CL         | CLAY WITH SAND (CL) - dark yellowish brown (10YR 4/4), moist, hard, non-plastic; 40% clay, 30% silt, 20% fine to medium sand, 10% fine gravel.         |                                                                                    |
| 85           | 0         | >100        | MW-11-86      |             |             | SC         | CLAYEY SAND (SC) - dark yellowish brown (10YR 4/4), moist, very dense; 70% subangular to rounded fine to coarse sand, 20% clay, 10% fine gravel.       |                                                                                    |
|              | 0         | >100        | MW-11-88      |             |             | CL         | Clay lens from 87.25 to 87.75 feet.                                                                                                                    |                                                                                    |
| 90           | 0         | >100        | MW-11-91      |             |             | CL         | CLAY (CL) - dark yellowish brown (10YR 4/4), moist, hard, plastic; 80% clay, 40% silt.                                                                 |                                                                                    |
|              |           |             |               |             |             |            | Bottom of boring at 91 feet bgs.                                                                                                                       |                                                                                    |
| 95           |           |             |               |             |             |            | (* = converted to equivalent standard penetration blows/foot.)                                                                                         |                                                                                    |
| 100          |           |             |               |             |             |            |                                                                                                                                                        |                                                                                    |
| 105          |           |             |               |             |             |            |                                                                                                                                                        |                                                                                    |
| 110          |           |             |               |             |             |            |                                                                                                                                                        |                                                                                    |
| 115          |           |             |               |             |             |            |                                                                                                                                                        |                                                                                    |



# Gettler-Ryan, Inc.

# Log of Boring MW-12

PROJECT: *Tosco (76) Service Station No. 7376*

LOCATION: *4191 First Street, Pleasanton, California*

GR PROJECT NO.: *140107.05*

CASING ELEVATION:

DATE STARTED: *09/18/01*

WL (ft. bgs): *81.0* DATE: *09/20/01* TIME: *07:40*

DATE FINISHED: *09/19/01*

WL (ft. bgs): DATE: TIME:

DRILLING METHOD: *8 in. Hollow Stem Auger*

TOTAL DEPTH: *88 feet*

DRILLING COMPANY: *Woodward Drilling*

GEOLOGIST: *Clyde Galantine*

| DEPTH (feet) | PID (ppm) | BLOWS/FT. * | SAMPLE NUMBER | SAMPLE INT. | GRAPHIC LOG | SOIL CLASS | GEOLOGIC DESCRIPTION        | WELL DIAGRAM                                                                                                                                                                                                                                                                                   |
|--------------|-----------|-------------|---------------|-------------|-------------|------------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5            |           |             |               |             |             |            | Well not logged to 40 feet. | <p>The well diagram shows a vertical well casing. The top 10 feet is labeled '12" steel casing'. Below this, the casing is labeled '2" diam schedule 40 PVC'. At the bottom of the casing, there is a section labeled 'NEAR CEMENT'. The depth scale on the left ranges from 0 to 35 feet.</p> |
| 10           |           |             |               |             |             |            |                             |                                                                                                                                                                                                                                                                                                |
| 15           |           |             |               |             |             |            |                             |                                                                                                                                                                                                                                                                                                |
| 20           |           |             |               |             |             |            |                             |                                                                                                                                                                                                                                                                                                |
| 25           |           |             |               |             |             |            |                             |                                                                                                                                                                                                                                                                                                |
| 30           |           |             |               |             |             |            |                             |                                                                                                                                                                                                                                                                                                |
| 35           |           |             |               |             |             |            |                             |                                                                                                                                                                                                                                                                                                |

# Gettler-Ryan, Inc.

# Log of Boring MW-12

PROJECT: *Tosco (76) Service Station No. 7376*

LOCATION: *4191 First Street, Pleasanton, California*

| DEPTH (feet) | PID (ppm) | BLOWS/FT. * | SAMPLE NUMBER | SAMPLE INT. | GRAPHIC LOG | SOIL CLASS | GEOLOGIC DESCRIPTION                                                                                                                                                                                 | WELL DIAGRAM |
|--------------|-----------|-------------|---------------|-------------|-------------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| 40           |           |             |               |             |             | SM         | CLAYEY SAND WITH GRAVEL (SM) - yellowish brown (10YR 4/4), saturated, very dense; 50% subangular to rounded fine to coarse sand, 30% clay, 20% fine gravel.                                          |              |
| 40-45        | 0         | 50          | MW-12-44      |             |             |            |                                                                                                                                                                                                      |              |
| 40-45        | >100      |             | MW-12-44.5    |             |             |            |                                                                                                                                                                                                      |              |
| 45-50        | 0         | 18          | MW-12-47      |             |             | CL         | CLAY (CL) - dark yellowish brown (10YR 4/6), saturated to moist, very stiff, plastic; 70% clay, 25% silt, 5% fine sand.                                                                              |              |
| 45-50        | 0         | 16          | MW-12-49      |             |             |            |                                                                                                                                                                                                      |              |
| 50-55        | 0         | 23          | MW-12-52      |             |             |            |                                                                                                                                                                                                      |              |
| 50-55        | >100      |             | MW-12-53.5    |             |             |            |                                                                                                                                                                                                      |              |
| 55-60        | 0         | >100        | MW-12-56.5    |             |             |            | Color changes to yellowish brown (10YR 5/4) mottled with dark brown (10YR 3/3).                                                                                                                      |              |
| 55-60        | 0         | >100        | MW-12-58      |             |             |            |                                                                                                                                                                                                      |              |
| 60-65        | 0         | 35          | MW-12-62      |             |             | ML         | SILT WITH SAND (ML) - dark yellowish brown (10YR 4/4), moist, very dense; 60% subangular to rounded fine sand.                                                                                       |              |
| 60-65        | 0         | >100        | MW-12-63.5    |             |             |            |                                                                                                                                                                                                      |              |
| 65-70        | 0         | 53          | MW-12-67      |             |             | SM         | SILTY SAND (SM) - dark yellowish brown (10YR 4/4), moist, very dense; 60% subangular to rounded fine very fine to medium sand, 25% silt, 15% clay.                                                   |              |
| 65-70        | 0         | >100        | MW-12-68.5    |             |             | SW         | SAND (SW) - dark yellowish brown (10YR 4/4), moist, very dense; 95% subangular to rounded very fine to medium sand, 5% silt.<br>Becomes 95% fine to very coarse sand, 5% silt, trace of fine gravel. |              |
| 70-75        | 0         | >100        |               |             |             |            | SAND WITH GRAVEL (SW) - dark yellowish brown (10YR 4/4), moist, very dense; 75% fine to coarse sand, 20% fine gravel, 5% clay.                                                                       |              |
| 70-75        | 0         | >100        |               |             |             |            |                                                                                                                                                                                                      |              |

# Gettler-Ryan, Inc.

# Log of Boring MW-12

PROJECT: Tosco (76) Service Station No. 7376

LOCATION: 4191 First Street, Pleasanton, California

| DEPTH (feet) | PID (ppm) | BLOWS/FT. * | SAMPLE NUMBER   | SAMPLE INT. | GRAPHIC LOG | SOIL CLASS | GEOLOGIC DESCRIPTION                                                                                                                                                | WELL DIAGRAM                                                           |
|--------------|-----------|-------------|-----------------|-------------|-------------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| >100         |           |             |                 |             |             | SN         |                                                                                                                                                                     |                                                                        |
| 0            |           |             | >100 MW-12-77.5 |             |             | SN-SC      | SAND WITH CLAY AND GRAVEL (SN-SC) - dark brown (10YR 3/3), saturated, very dense; 60% subangular to rounded fine to coarse sand, 40% fine gravel, 10% clay.         | <p>Cap<br/>2" machine stylus PVC (0.650 inch)<br/>#3 Lanester sand</p> |
| 80           |           |             | >100 MW-12-80.5 |             |             | GW-BC      | GRAVEL WITH CLAY AND SAND (GW-BC) - dark brown (10YR 3/3), saturated, very dense; 50% rounded fine gravel, 40% subangular to rounded fine to coarse sand, 10% clay. |                                                                        |
| 0            |           |             | >100 MW-12-81.5 |             |             |            |                                                                                                                                                                     |                                                                        |
| 0            |           |             | >100 MW-12-82.5 |             |             | CL         | CLAY (CL) - dark yellowish brown (10YR 4/6), moist, very stiff, plastic; 75% clay, 20% silt, 5% fine sand.                                                          |                                                                        |
| 85           |           |             | >100 MW-12-85.5 |             |             |            | CLAY WITH SAND (CL) - dark yellowish brown (10YR 4/6), moist, very stiff, plastic; 60% clay, 25% fine to coarse sand, 15% clay, trace of fine gravel.               |                                                                        |
|              |           |             | >100 MW-12-86.5 |             |             |            | Fine gravel lens from 86.1 to 86.3 feet.                                                                                                                            |                                                                        |
| 90           |           |             |                 |             |             |            | Bottom of boring at 88 feet bgs.<br><br>(* = converted to equivalent standard penetration blows/foot.)                                                              |                                                                        |
| 95           |           |             |                 |             |             |            |                                                                                                                                                                     |                                                                        |
| 100          |           |             |                 |             |             |            |                                                                                                                                                                     |                                                                        |
| 105          |           |             |                 |             |             |            |                                                                                                                                                                     |                                                                        |
| 110          |           |             |                 |             |             |            |                                                                                                                                                                     |                                                                        |
| 115          |           |             |                 |             |             |            |                                                                                                                                                                     |                                                                        |





# Delta

**Environmental Consultants, Inc.**

|                              |                            |                       |
|------------------------------|----------------------------|-----------------------|
| Project No: C107376220       | Client: ConocoPhillips     | Boring/Well No: MW-3B |
| Project No: C107376220       | Client: ConocoPhillips     | Boring/Well No: MW-3B |
| Logged By: Alan Buehler      | Location: Pleasanton       | Page 2 of 4           |
| Driller: Cascade             | Date Drilled: 6/22/2009    | Location              |
| Drilling Method: Hollow Stem | Hole Diameter: 8"          | Map                   |
| Sampling Method: Split Spoon | Hole Depth: 82.62'         |                       |
| Casing Type: 2"PVC           | Well Diameter: 2"          |                       |
| Slot Size: 0.01              | Well Depth: 82.12'         |                       |
| Gravel Pack: Lonestar #2/12  | First Water Depth: 80'     |                       |
|                              | Static Water Depth: 76.35' |                       |

| Well Completion | Water Level | Moisture Content | PID Reading (ppm) | Penetration (blows/6") | Depth (feet) | Sample Recovery Interval | Soil Type | LITHOLOGY / DESCRIPTION          |
|-----------------|-------------|------------------|-------------------|------------------------|--------------|--------------------------|-----------|----------------------------------|
|                 |             |                  |                   |                        | 23           |                          |           |                                  |
|                 |             |                  |                   |                        | 24           |                          |           |                                  |
|                 |             |                  |                   |                        | 25           |                          |           |                                  |
|                 |             |                  |                   |                        | 26           |                          |           |                                  |
|                 |             |                  |                   |                        | 27           |                          |           |                                  |
|                 |             |                  |                   |                        | 28           |                          |           |                                  |
|                 |             |                  |                   |                        | 29           |                          |           |                                  |
|                 |             |                  |                   |                        | 30           |                          |           |                                  |
|                 |             |                  |                   |                        | 31           |                          |           |                                  |
|                 |             |                  |                   |                        | 32           |                          |           | 8" Steel Conductor Casing to 45' |
|                 |             |                  |                   |                        | 33           |                          |           |                                  |
|                 |             |                  |                   |                        | 34           |                          |           |                                  |
|                 |             |                  |                   |                        | 35           |                          |           |                                  |
|                 |             |                  |                   |                        | 36           |                          |           |                                  |
|                 |             |                  |                   |                        | 37           |                          |           |                                  |
|                 |             |                  |                   |                        | 38           |                          |           |                                  |
|                 |             |                  |                   |                        | 39           |                          |           |                                  |
|                 |             |                  |                   |                        | 40           |                          |           |                                  |
|                 |             |                  |                   |                        | 41           |                          |           |                                  |
|                 |             |                  |                   |                        | 42           |                          |           |                                  |
|                 |             |                  |                   |                        | 43           |                          |           |                                  |
|                 |             |                  |                   |                        | 44           |                          |           |                                  |

# Delta Environmental Consultants, Inc.

Project No: C107376220 Client: ConocoPhillips  
 Logged By: Alan Buehler Location: Pleasanton  
 Driller: Cascade Date Drilled: 6/22/2009  
 Drilling Method: Hollow Stem Hole Diameter: 8"  
 Sampling Method: Split Spoon Hole Depth: 82.62'  
 Casing Type: 2"PVC Well Diameter: 2"  
 Slot Size: 0.01 Well Depth: 82.12'  
 Gravel Pack: Lonestar #2/12  First Water Depth: 80'  
 Static Water Depth: 76.35'

Boring/Well No: MW-3B

Page 3 of 4

Location

Map

Elevation:

Northing:

Easting:

| Well Completion | Water Level | Moisture Content | PID Reading (ppm) | Penetration (blows/6") | Depth (feet) | Sample Recovery Interval | Soil Type | LITHOLOGY / DESCRIPTION                                                                          |
|-----------------|-------------|------------------|-------------------|------------------------|--------------|--------------------------|-----------|--------------------------------------------------------------------------------------------------|
|                 |             |                  |                   |                        | 45           |                          |           | 8" Steel Conductor Casing 0-45'                                                                  |
|                 |             |                  |                   |                        | 46           |                          |           |                                                                                                  |
|                 |             |                  |                   |                        | 47           |                          | CL        | Lt brown clay, interbedded w greenish gravelly material, mild odor                               |
|                 |             |                  |                   |                        | 48           |                          |           |                                                                                                  |
|                 |             |                  |                   |                        | 49           |                          | CL        | Greenish gray clay, damp, mild odor                                                              |
|                 |             |                  |                   |                        | 50           |                          |           |                                                                                                  |
|                 |             |                  |                   |                        | 51           |                          | CL        | Greenish gray clay w 20% gravel, damp, slight odor                                               |
|                 |             |                  |                   |                        | 52           |                          |           |                                                                                                  |
|                 |             |                  |                   |                        | 53           |                          | CL        | Greenish gray clay, damp, mild odor                                                              |
|                 |             |                  |                   |                        | 54           |                          |           |                                                                                                  |
|                 |             |                  |                   |                        | 55           |                          | CL        | Greenish gray clay, interbedded gravel, damp, strong odor                                        |
|                 |             |                  |                   |                        | 56           |                          |           |                                                                                                  |
|                 |             |                  |                   |                        | 57           |                          | ML        | Lt brown coarse sandy silt w interbedded decomposed granite, mild odor, dry, less odor within DG |
|                 |             |                  |                   |                        | 58           |                          |           |                                                                                                  |
|                 |             |                  |                   |                        | 59           |                          | CH        | Lt brn clay, very plastic; moist, strong odor                                                    |
|                 |             |                  |                   |                        | 60           |                          | CH        | Lt brown gravelly clay interbedded w greenish gray gravelly clay                                 |
|                 |             |                  |                   |                        | 61           |                          |           |                                                                                                  |
|                 |             |                  |                   |                        | 62           |                          | CH        | Lt brown gravelly clay, moist, mild odor                                                         |
|                 |             |                  |                   |                        | 63           |                          |           |                                                                                                  |
|                 |             |                  |                   |                        | 64           |                          | CH        | Lt brown clay, very plastic, moist, mild odor                                                    |
|                 |             |                  |                   |                        | 65           |                          | CH        | Lt brown silty clay, damp, slight odor                                                           |
|                 |             |                  |                   |                        | 66           |                          |           |                                                                                                  |

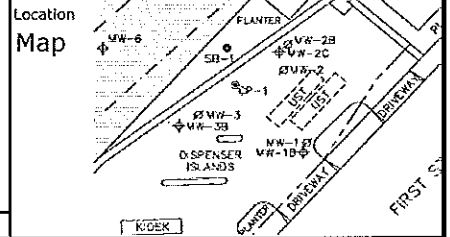


# Delta Consultants

Project No: C107376220 Client: ConocoPhillips  
 Logged By: Jon Fillingame Location: Pleasanton  
 Driller: Cascade Date Drilled: 6/12/2009  
 Drilling Method: Hollow Stem Hole Diameter: 8"  
 Sampling Method: Split Spoon Hole Depth: 45'  
 Casing Type: 2" PVC Well Diameter: N/A  
 Slot Size: 0.01 Well Depth: N/A  
 Gravel Pack: Lonestar #2/12 ▼ First Water Depth: N/A  
 ▼ Static Water Depth: N/A

Boring/Well No: MW-2C

Page 1 of 3



| Well Completion |        | Water Level | Elevation:       |                   | Northing:             |              | Easting:          |           | LITHOLOGY / DESCRIPTION                                       |
|-----------------|--------|-------------|------------------|-------------------|-----------------------|--------------|-------------------|-----------|---------------------------------------------------------------|
| Backfill        | Casing |             | Moisture Content | PID Reading (ppm) | Sample Identification | Depth (feet) | Recovery Interval | Soil Type |                                                               |
|                 |        |             |                  |                   | 1                     |              |                   |           |                                                               |
|                 |        |             |                  |                   | 2                     |              |                   |           |                                                               |
|                 |        |             |                  |                   | 3                     |              |                   |           |                                                               |
|                 |        |             |                  |                   | 4                     |              |                   |           |                                                               |
|                 |        |             |                  |                   | 5                     |              |                   |           |                                                               |
|                 |        |             |                  |                   | 6                     |              |                   |           |                                                               |
|                 |        |             |                  |                   | 7                     |              |                   |           |                                                               |
|                 |        |             |                  |                   | 8                     |              |                   |           |                                                               |
|                 |        |             |                  |                   | 9                     |              |                   |           |                                                               |
|                 |        |             |                  |                   | 10                    |              |                   |           |                                                               |
|                 |        |             |                  |                   | 11                    |              |                   |           |                                                               |
|                 |        |             |                  |                   | 12                    |              |                   |           |                                                               |
|                 |        |             |                  |                   | 13                    |              |                   |           | Not Sampled                                                   |
|                 |        |             |                  |                   | 14                    |              |                   |           |                                                               |
|                 |        |             |                  |                   | 15                    |              |                   |           |                                                               |
|                 |        |             |                  |                   | 16                    |              |                   |           |                                                               |
|                 |        |             |                  |                   | 17                    |              |                   |           |                                                               |
|                 |        |             |                  |                   | 18                    |              |                   |           |                                                               |
|                 |        |             |                  |                   | 19                    |              |                   |           |                                                               |
|                 |        |             |                  |                   | 19                    |              |                   | GW        | Well Graded gravel, 20% silt, gray, 80% fine to course gravel |
|                 |        |             |                  |                   | 20                    |              |                   | CL        | Clay w 10% silt, greenish gray, hard, med plast, moist        |
|                 |        |             |                  |                   | 21                    |              |                   |           |                                                               |
|                 |        |             |                  |                   | 22                    |              |                   |           |                                                               |





# Delta

**Environmental Consultants, Inc.**

Project No: C107376220 Client: ConocoPhillips  
 Logged By: Jon Fillingame Location: Pleasanton  
 Driller: Cascade Date Drilled: 6/12/2009  
 Drilling Method: Hollow Stem Hole Diameter: 8"  
 Sampling Method: Split Spoon Hole Depth: 45'  
 Casing Type: 2"PVC Well Diameter: N/A  
 Slot Size: 0.01 Well Depth: N/A  
 Gravel Pack: Lonestar #2/12  First Water Depth: N/A  
 Static Water Depth:

**Boring/Well No: MW-2C**

Page 3 of 3

Location  
Map

Elevation: Northing: Easting:

| Well Completion<br>Backfill<br>Casing | Water Level | Moisture Content | PID Reading (ppm) | Penetration (blows/6") | Depth (feet) | Sample Recovery Interval | Soil Type | LITHOLOGY / DESCRIPTION                                                                            |
|---------------------------------------|-------------|------------------|-------------------|------------------------|--------------|--------------------------|-----------|----------------------------------------------------------------------------------------------------|
|                                       |             |                  | 283               | MW2C @45               | 45           |                          | CL        | Lean clay w gravel, 20% gravel, 80% clay, green, med plast, hard, moist<br>TD of sampling = 45 fbg |
|                                       |             |                  |                   |                        | 46           |                          |           |                                                                                                    |
|                                       |             |                  |                   |                        | 47           |                          |           |                                                                                                    |
|                                       |             |                  |                   |                        | 48           |                          |           |                                                                                                    |
|                                       |             |                  |                   |                        | 49           |                          |           |                                                                                                    |
|                                       |             |                  |                   |                        | 50           |                          |           |                                                                                                    |
|                                       |             |                  |                   |                        | 51           |                          |           |                                                                                                    |
|                                       |             |                  |                   |                        | 52           |                          |           |                                                                                                    |
|                                       |             |                  |                   |                        | 53           |                          |           |                                                                                                    |
|                                       |             |                  |                   |                        | 54           |                          |           |                                                                                                    |
|                                       |             |                  |                   |                        | 55           |                          |           |                                                                                                    |
|                                       |             |                  |                   |                        | 56           |                          |           |                                                                                                    |
|                                       |             |                  |                   |                        | 57           |                          |           |                                                                                                    |
|                                       |             |                  |                   |                        | 58           |                          |           |                                                                                                    |
|                                       |             |                  |                   |                        | 59           |                          |           |                                                                                                    |
|                                       |             |                  |                   |                        | 60           |                          |           |                                                                                                    |
|                                       |             |                  |                   |                        | 61           |                          |           |                                                                                                    |
|                                       |             |                  |                   |                        | 62           |                          |           |                                                                                                    |
|                                       |             |                  |                   |                        | 63           |                          |           |                                                                                                    |
|                                       |             |                  |                   |                        | 64           |                          |           |                                                                                                    |
|                                       |             |                  |                   |                        | 65           |                          |           |                                                                                                    |
|                                       |             |                  |                   |                        | 66           |                          |           |                                                                                                    |

































| DEPTH (FEET) | DEPTH (METERS) | SAMPLE NUMBER | LOG, LOCATION AND TYPE OF SAMPLE | DATE OF BORING: October 6, 1997                                                                     | N<br>S.P.T.<br>BLOWS/FT                | OVM<br>READING<br>P.I.D.<br>(10.0eV) | IN PLACE                       |                                      |
|--------------|----------------|---------------|----------------------------------|-----------------------------------------------------------------------------------------------------|----------------------------------------|--------------------------------------|--------------------------------|--------------------------------------|
|              |                |               |                                  | SURFACE ELEVATION: Approx. 360.0 feet msl (109.7 meters msl)                                        |                                        |                                      | DRY<br>UNIT<br>WEIGHT<br>(PCF) | MOIST.<br>CONTENT<br>% DRY<br>WEIGHT |
|              |                |               |                                  | DESCRIPTION                                                                                         | *MODIFIED<br>FOR<br>3" O.D.<br>SAMPLER | (parts per<br>million)               |                                |                                      |
| 0            |                |               |                                  | Grayish brown, silty GRAVEL with sand (granite to 1", sub-angular to sub-rounded), damp. (Fill)(GM) | 24*                                    | < 1                                  |                                |                                      |
|              |                |               |                                  | <b>DRAFT</b>                                                                                        |                                        |                                      |                                |                                      |
|              |                |               |                                  | No Recovery.                                                                                        | 18                                     | < 1                                  |                                |                                      |
| 5            |                | 1-1           |                                  | Brown silty GRAVEL with sand (granite to 1", gravel subrounded, damp. (Native)(GM)                  | 35*                                    | 1.4                                  |                                |                                      |
|              |                |               |                                  | Dark yellowish brown, silty CLAY with sand, slightly moist. (CL)                                    |                                        |                                      |                                |                                      |
|              |                |               |                                  | Dark yellowish brown, silty CLAY with coarse sand, slightly moist. (CL)                             | 45                                     | < 1                                  |                                |                                      |
| 10           |                |               |                                  | Brown very silty CLAY with sand, damp. (CL)                                                         | 25*                                    | < 1                                  |                                |                                      |
|              |                |               |                                  | Dark yellowish brown, silty CLAY with sand, slightly moist. (CL)                                    | 29                                     | < 1                                  |                                |                                      |
|              |                | 1-2           |                                  | Dark brown clayey GRAVEL (to 2/3", subrounded). (GC)                                                |                                        |                                      |                                |                                      |
|              |                |               |                                  | Dark yellowish brown clayey SAND, moist. (SC)                                                       | 21*                                    | < 1                                  |                                |                                      |
|              |                |               |                                  | Brown clayey SAND with gravel (to 2/3", subrounded). (SC)                                           |                                        |                                      |                                |                                      |
|              |                |               |                                  | Yellowish brown SAND with clay and gravel (to 2/3", subrounded). (SP-SC)                            |                                        |                                      |                                |                                      |
|              |                |               |                                  | Yellowish brown CLAY with sand, moist. (CL)                                                         |                                        |                                      |                                |                                      |
|              |                |               |                                  | Yellowish brown clayey SILT, very moist. (ML)                                                       | 26                                     | < 1                                  |                                |                                      |
|              |                |               |                                  | Yellowish brown silty SAND, moist. (SM)                                                             |                                        |                                      |                                |                                      |
| 20           |                |               |                                  | Dark yellowish brown silty CLAY with sand and gravel (1/2", subrounded). (CL)                       | 15                                     | < 1                                  |                                |                                      |
|              |                |               |                                  | Dark yellowish brown clayey SILT, very moist. (ML)                                                  |                                        |                                      |                                |                                      |
|              |                |               |                                  | Dark yellowish brown silty fine SAND, very moist. (SM)                                              |                                        |                                      |                                |                                      |
|              |                |               |                                  | Brown clayey GRAVEL with sand, slightly moist (granite to 1 1/2", subrounded)(SM)(GC)               | 54                                     | < 1                                  |                                |                                      |
|              |                |               |                                  | Dark yellowish brown clayey SAND (fine to medium), very moist. (SC)                                 | 57*                                    | < 1                                  |                                |                                      |
| 25           |                | 1-3           |                                  | Dark brown clayey GRAVEL, (to 1", subrounded), moist. (GC)                                          |                                        |                                      |                                |                                      |
|              |                |               |                                  | Dark yellowish brown silty SAND layer, moist. (SM)                                                  |                                        |                                      |                                |                                      |
|              |                |               |                                  |                                                                                                     | 58                                     | < 1                                  |                                |                                      |
|              |                |               |                                  |                                                                                                     | 40*                                    | < 1                                  |                                |                                      |
| 30           |                |               |                                  |                                                                                                     |                                        | < 1                                  |                                |                                      |

OVM/MET 4391 11/3/97

**ENGE**  
INCORPORATED

RAY STREET PROPERTY  
PLEASANTON, CALIFORNIA

BORING NO.: B-1

DATE: November 1997

PROJECT NO.: 4391-F3

FIGURE  
NO.

CHECKED BY

| DEPTH (FEET) | DEPTH (METERS) | SAMPLE NUMBER | LOG. LOCATION AND TYPE OF SAMPLE | DATE OF BORING: October 6, 1997                                           | N<br>S.P.T.<br>BLOWS/FT | OVM<br>READING<br>P.I.D.<br>(10.0eV) | IN PLACE                       |                                          |
|--------------|----------------|---------------|----------------------------------|---------------------------------------------------------------------------|-------------------------|--------------------------------------|--------------------------------|------------------------------------------|
|              |                |               |                                  | SURFACE ELEVATION: Approx. 360.0 feet msl (109.7 meters msl)              |                         |                                      | DRY<br>UNIT<br>WEIGHT<br>(PCF) | MOIST.<br>CONTENT<br><br>% DRY<br>WEIGHT |
| DESCRIPTION  |                |               |                                  | *MODIFIED<br>FOR<br>3" O.D.<br>SAMPLER                                    | (parts per<br>million)  |                                      |                                |                                          |
|              |                |               |                                  | No recovery.                                                              | 79                      |                                      |                                |                                          |
|              | -10            |               |                                  | Dark yellowish brown clayey GRAVEL (to 2 1/2", subrounded), wet. (GC)     | 76*                     | <1                                   |                                |                                          |
|              | -35            |               |                                  | Dark yellowish brown clayey fine to coarse SAND, wet. (SC)                |                         | <1                                   |                                |                                          |
|              | -11            | 1-4           |                                  | Dark yellowish brown clayey GRAVEL (2+", subrounded), very moist. (GC)    | 44                      | <1                                   |                                |                                          |
|              | -40            |               |                                  |                                                                           | 32*                     | <1                                   |                                |                                          |
|              | -12            |               |                                  |                                                                           |                         | <1                                   |                                |                                          |
|              | -40            |               |                                  |                                                                           | 51                      | 2.4                                  |                                |                                          |
|              | -13            |               |                                  | Dark yellowish brown clayey SAND (fine to coarse grain), very moist. (SC) | 13*                     | <1                                   |                                |                                          |
|              | -45            |               |                                  |                                                                           |                         | <1                                   |                                |                                          |
|              | -14            | 1-5           |                                  | Dark brown clayey GRAVEL (to 2/3", subrounded), moist. (GC)               | 79                      | <1                                   |                                |                                          |
|              | -14            |               |                                  | Dark yellowish brown silty CLAY. (CL)                                     |                         |                                      |                                |                                          |
|              | -14            |               |                                  | Bottom of boring at approximately 45 feet.                                |                         |                                      |                                |                                          |
|              | -15            |               |                                  |                                                                           |                         |                                      |                                |                                          |
|              | -50            |               |                                  |                                                                           |                         |                                      |                                |                                          |
|              | -16            |               |                                  |                                                                           |                         |                                      |                                |                                          |
|              | -55            |               |                                  |                                                                           |                         |                                      |                                |                                          |
|              | -17            |               |                                  |                                                                           |                         |                                      |                                |                                          |
|              | -18            |               |                                  |                                                                           |                         |                                      |                                |                                          |
|              | -60            |               |                                  |                                                                           |                         |                                      |                                |                                          |

DRAFT

OVMNMET 4391 11/3/97

**ENGEO**  
INCORPORATED

RAY STREET PROPERTY  
PLEASANTON, CALIFORNIA

|                      |               |
|----------------------|---------------|
| BORING NO.: B-1      | FIGURE<br>NO. |
| DATE: November 1997  |               |
| PROJECT NO.: 4391-F3 |               |

CHECKED BY

| DEPTH (FEET) | DEPTH (METERS) | SAMPLE NUMBER | LOG, LOCATION AND TYPE OF SAMPLE | DATE OF BORING: October 6, 1997                                                    | N<br>S.P.T.<br>BLOWS/FT | OVM<br>READING<br>P.I.D.<br>(10.0cV) | IN PLACE                       |                                      |
|--------------|----------------|---------------|----------------------------------|------------------------------------------------------------------------------------|-------------------------|--------------------------------------|--------------------------------|--------------------------------------|
|              |                |               |                                  | SURFACE ELEVATION: Approx. 360.0 feet msl (109.7 meters msl)                       |                         |                                      | DRY<br>UNIT<br>WEIGHT<br>(PCF) | MOIST.<br>CONTENT<br>% DRY<br>WEIGHT |
| DESCRIPTION  |                |               |                                  | *MODIFIED<br>FOR<br>3" O.D.<br>SAMPLER                                             | (parts per<br>million)  |                                      |                                |                                      |
| 0            |                |               | 1-P                              | Gray silty GRAVEL (to 3/4", subangular), dry. (Fill)(GM)                           |                         |                                      |                                |                                      |
|              |                |               |                                  | Grayish brown silty SAND with gravel (to 1/2", subangular, subrounded), damp. (SM) | 22*                     | < 1                                  |                                |                                      |
| 1            |                |               |                                  |                                                                                    | 28                      | < 1                                  |                                |                                      |
| 5            |                | 2-1           |                                  | Dark yellowish brown sandy CLAY, slightly moist. (CL)                              |                         |                                      |                                |                                      |
| 2            |                |               |                                  |                                                                                    | 22*                     | < 1                                  |                                |                                      |
|              |                |               |                                  | Yellow brown clayey SAND with gravel (to 2/3", subrounded), damp. (SC)             |                         | < 1                                  |                                |                                      |
| 10           |                |               |                                  |                                                                                    |                         |                                      |                                |                                      |
|              |                |               |                                  | <b>DRAFT</b>                                                                       |                         | < 1                                  |                                |                                      |
| 4            |                |               |                                  |                                                                                    | 75                      | < 1                                  |                                |                                      |
| 15           |                | 2-2           |                                  | Dark yellowish brown clayey GRAVEL (to 1 1/2", subrounded), slightly moist. (GC)   |                         |                                      |                                |                                      |
| 5            |                |               |                                  | Dark brown clayey SAND with gravel (to 1/2", subrounded), slightly moist. (SC)     | 8*                      | < 1                                  |                                |                                      |
|              |                |               |                                  |                                                                                    | 70                      | < 1                                  |                                |                                      |
| 20           |                |               |                                  | Dark yellowish brown clayey SAND, moist. (SC)                                      |                         |                                      |                                |                                      |
|              |                |               |                                  | Dark yellowish brown silty fine SAND, very moist. (SM)                             | 25*                     | < 1                                  |                                |                                      |
| 7            |                |               |                                  | Dark yellowish brown fine sandy SILT. (ML)                                         |                         |                                      |                                |                                      |
|              |                |               |                                  |                                                                                    | 20                      | < 1                                  |                                |                                      |
| 25           |                | 2-3           |                                  | Dark yellowish brown, silty fine SAND. (SM)                                        |                         |                                      |                                |                                      |
| 8            |                |               |                                  | Dark yellowish brown silty CLAY with gravel (to 3/4", subrounded). (CL)            | 45*                     | < 1                                  |                                |                                      |
|              |                |               |                                  |                                                                                    | 106                     | < 1                                  |                                |                                      |
| 30           |                |               |                                  | Dark brown clayey GRAVEL (to 1 1/2", subrounded), moist. (GC)                      |                         |                                      |                                |                                      |

OVM MET 4391 11/2/97

**ENGEO**  
INCORPORATED

RAY STREET PROPERTY  
PLEASANTON, CALIFORNIA

BORING NO.: B-2

DATE: November 1997

PROJECT NO.: 4391-F3

CHECKED BY

FIGURE  
NO.

| DEPTH (FEET) | DEPTH (METERS) | SAMPLE NUMBER | LOG, LOCATION AND TYPE OF SAMPLE | DATE OF BORING: October 6, 1997                                                                   | N<br>S.P.T.<br>BLOWS/FT | OVM<br>READING<br>P.I.D.<br>(10.0eV) | IN PLACE                       |                                      |  |  |
|--------------|----------------|---------------|----------------------------------|---------------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|--------------------------------|--------------------------------------|--|--|
|              |                |               |                                  | SURFACE ELEVATION: Approx. 360.0 feet msl (109.7 meters msl)                                      |                         |                                      | DRY<br>UNIT<br>WEIGHT<br>(PCF) | MOIST.<br>CONTENT<br>% DRY<br>WEIGHT |  |  |
| DESCRIPTION  |                |               |                                  | *MODIFIED<br>FOR<br>3" O.D.<br>SAMPLER                                                            | (parts per<br>million)  |                                      |                                |                                      |  |  |
|              |                |               |                                  | Mottled dark yellowish brown/gray clayey SILT, very moist, locally strong, iron staining. (ML-CL) | 29*                     | <1                                   |                                |                                      |  |  |
|              |                |               |                                  | Mottled darkish yellow brown/gray silty CLAY, very moist, iron staining. (CL)                     | 53                      | <1                                   |                                |                                      |  |  |
|              |                | 2-4           |                                  | Mottled darkish yellow brown/gray clayey SILT, very moist, iron staining. (ML-CL)                 | 25*                     |                                      |                                |                                      |  |  |
|              |                | 2-5           |                                  | Dark yellowish brown silty fine SAND. (SM)                                                        | 40                      |                                      |                                |                                      |  |  |
|              |                |               |                                  | Bottom of boring at approximately 40 feet.                                                        |                         |                                      |                                |                                      |  |  |
|              |                |               |                                  | <b>DRAFT</b>                                                                                      |                         |                                      |                                |                                      |  |  |

OVM/MET 4391 11/2/97

**ENGEO**  
INCORPORATED

RAY STREET PROPERTY  
PLEASANTON, CALIFORNIA

BORING NO.: B-2

DATE: November 1997

PROJECT NO.: 4391-F3

CHECKED BY:

FIGURE NO.

| DEPTH (FEET) | DEPTH (METERS) | SAMPLE NUMBER | LOG, LOCATION AND TYPE OF SAMPLE | DATE OF BORING: October 8, 1997                                                                      | N<br>S.P.T.<br>BLOWS/FT | OVM<br>READING<br>P.I.D.<br>(10.0eV) | IN PLACE                       |                                      |
|--------------|----------------|---------------|----------------------------------|------------------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|--------------------------------|--------------------------------------|
|              |                |               |                                  | SURFACE ELEVATION: Approx. 358.0 feet msl (109.1 meters msl)                                         |                         |                                      | DRY<br>UNIT<br>WEIGHT<br>(PCF) | MOIST.<br>CONTENT<br>% DRY<br>WEIGHT |
| DESCRIPTION  |                |               |                                  | *MODIFIED<br>FOR<br>3" O.D.<br>SAMPLER                                                               | (parts per<br>million)  |                                      |                                |                                      |
| 0            |                |               |                                  | Dark grayish brown silty SAND with gravel (to 2 1/4", subangular to subrounded), dry. (Fill) (SM)    | 19*                     | <1                                   |                                |                                      |
| -1           |                |               |                                  | Dark grayish brown silty SAND becoming clayey with gravel including asphaltics, damp. (Fill) (SM-SC) | 21                      | <1                                   |                                |                                      |
| -5           |                | 3-1           |                                  | Brown silty SAND with gravel (to 2/3", subrounded), damp. (SM)                                       |                         |                                      |                                |                                      |
| -2           |                |               |                                  | <b>DRAFT</b>                                                                                         | 15*                     | <1                                   |                                |                                      |
|              |                |               |                                  |                                                                                                      | 19                      | <1                                   |                                |                                      |
| -10          |                |               |                                  | Dark gray/brown clayey SAND with gravel, moist. (SC)                                                 |                         |                                      |                                |                                      |
|              |                |               |                                  |                                                                                                      | 22*                     | 1.0                                  |                                |                                      |
| -4           |                |               |                                  | Dark yellowish brown GRAVEL clay and sand (to 2/3", subrounded), moist. (CL)                         |                         |                                      |                                |                                      |
|              |                |               |                                  | Dark yellowish brown clayey GRAVEL with sand. (GC)                                                   | 44                      | <1                                   |                                |                                      |
| -15          |                | 3-2           |                                  | Dark brown clayey fine and medium SAND, very moist. (SC)                                             |                         |                                      |                                |                                      |
| -5           |                |               |                                  | Mottled yellowish brown/dark grayish brown clayey medium to coarse SAND, moist. (SC)                 | 31*                     |                                      |                                |                                      |
|              |                |               |                                  | Dark gray/brown clayey SAND, moist, moderate iron staining common. (SC)                              | 38                      |                                      |                                |                                      |
| -20          |                |               |                                  | Dark yellowish brown clayey SAND with gravel (to 2/3", subrounded), moist. (SC)                      |                         |                                      |                                |                                      |
|              |                |               |                                  | Dark yellowish brown clayey fine to medium SAND, very moist. (SC)                                    | 36*                     | <1                                   |                                |                                      |
| -7           |                |               |                                  | Dark yellowish brown CLAY with incremental fine to medium sand, very moist. (CL)                     | 20                      | <1                                   |                                |                                      |
| -25          |                | 3-3           |                                  | Dark yellowish brown sandy CLAY, very moist. (CL)                                                    |                         |                                      |                                |                                      |
| -8           |                |               |                                  | Mottled dark yellowish brown/gray silty clayey fine to medium SAND, wet. (SC)                        | 14*                     | <1                                   |                                |                                      |
|              |                |               |                                  | Dark yellowish brown clayey GRAVEL (to 1", subrounded) with sand, very moist. (GC)                   | 45                      | <1                                   |                                |                                      |
| -9           |                |               |                                  | Dark yellowish brown clayey fine SAND, wet. (SC)                                                     |                         |                                      |                                |                                      |

OVM:MET 4391 12/23/97

**ENGE O**  
INCORPORATED

RAY STREET PROPERTY  
PLEASANTON, CALIFORNIA

BORING NO.: B-3  
DATE: November 1997  
PROJECT NO.: 4391-F3

FIGURE NO.

CHECKED BY:

| DEPTH (FEET) | DEPTH (METERS) | SAMPLE NUMBER | LOG, LOCATION AND TYPE OF SAMPLE | DATE OF BORING: October 8, 1997                                                       |                        | N<br>S.P.T.<br>BLOWS/FT | OVM<br>READING<br>P.I.D.<br>(10.0eV) | IN PLACE                           |                                          |  |
|--------------|----------------|---------------|----------------------------------|---------------------------------------------------------------------------------------|------------------------|-------------------------|--------------------------------------|------------------------------------|------------------------------------------|--|
|              |                |               |                                  | SURFACE ELEVATION: Approx. 358.0 feet mal (109.1 meters mal)                          |                        |                         |                                      | DRY<br>UNIT<br>WEIGHT<br><br>(PCF) | MOIST.<br>CONTENT<br><br>% DRY<br>WEIGHT |  |
| DESCRIPTION  |                |               |                                  | *MODIFIED<br>FOR<br>3" O.D.<br>SAMPLER                                                | (parts per<br>million) |                         |                                      |                                    |                                          |  |
|              |                |               |                                  |                                                                                       |                        | 27*                     | <1                                   |                                    |                                          |  |
|              | -10            |               |                                  | Dark gray clayey GRAVEL (to 1 1/2", subangular to subrounded), very moist. (GC)       |                        | 50                      | <1                                   |                                    |                                          |  |
|              | -35            | 3-4           |                                  | Dark yellowish brown clayey SAND with gravel (to 2", subrounded). (SC)                |                        |                         |                                      |                                    |                                          |  |
|              | -11            |               |                                  | Dark yellowish brown very silty CLAY, very moist, moderate iron staining common. (CL) |                        | 18                      | <1                                   |                                    |                                          |  |
|              | -12            |               |                                  |                                                                                       |                        |                         | <1                                   |                                    |                                          |  |
|              | -40            | 3-5           |                                  | Bottom of boring at approximately 40 feet.                                            |                        | 33                      | <1                                   |                                    |                                          |  |
|              | -13            |               |                                  | <b>DRAFT</b>                                                                          |                        |                         |                                      |                                    |                                          |  |
|              | -45            |               |                                  |                                                                                       |                        |                         |                                      |                                    |                                          |  |
|              | -14            |               |                                  |                                                                                       |                        |                         |                                      |                                    |                                          |  |
|              | -50            |               |                                  |                                                                                       |                        |                         |                                      |                                    |                                          |  |
|              | -15            |               |                                  |                                                                                       |                        |                         |                                      |                                    |                                          |  |
|              | -55            |               |                                  |                                                                                       |                        |                         |                                      |                                    |                                          |  |
|              | -17            |               |                                  |                                                                                       |                        |                         |                                      |                                    |                                          |  |
|              | -18            |               |                                  |                                                                                       |                        |                         |                                      |                                    |                                          |  |
|              | -60            |               |                                  |                                                                                       |                        |                         |                                      |                                    |                                          |  |

OVM/MET 4391 11/3/97

**ENGEO**  
INCORPORATED

RAY STREET PROPERTY  
PLEASANTON, CALIFORNIA

BORING NO.: B-3

DATE: November 1997

PROJECT NO.: 4391-F3

FIGURE  
NO.

CHECKED BY

| DEPTH (FEET) | DEPTH (METERS) | SAMPLE NUMBER | LOG, LOCATION AND TYPE OF SAMPLE                                                                                         | DATE OF BORING: October 7, 1997                              | N<br>S.P.T.<br>BLOWS/FT | OVM<br>READING<br>P.I.D.<br>(10.0eV) | IN PLACE              |                   |
|--------------|----------------|---------------|--------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|-------------------------|--------------------------------------|-----------------------|-------------------|
|              |                |               |                                                                                                                          | SURFACE ELEVATION: Approx. 355.0 feet msl (108.2 meters msl) |                         |                                      | DRY<br>UNIT<br>WEIGHT | MOIST.<br>CONTENT |
| DESCRIPTION  |                |               |                                                                                                                          | *MODIFIED<br>FOR<br>3" O.D.<br>SAMPLER                       | (parts per<br>million)  | (PCF)                                | % DRY<br>WEIGHT       |                   |
| 0            |                |               | CONCRETE.                                                                                                                |                                                              |                         |                                      |                       |                   |
|              |                |               | Gray AGGREGATE.                                                                                                          |                                                              |                         |                                      |                       |                   |
|              |                |               | Dark yellowish brown silty clayey SAND (fine to coarse), with gravel (fine gravels are subrounded), slightly moist. (SC) |                                                              | 7*                      | < 1                                  |                       |                   |
|              |                |               | Dark grayish brown fine sandy SILT, slightly moist. (ML)                                                                 |                                                              |                         |                                      |                       |                   |
|              |                |               | Very dark grayish brown fine sandy SILT, moist. (ML)                                                                     |                                                              |                         |                                      |                       |                   |
| 4-1          |                |               | Very dark gray/brown silty fine SAND, moist. (SM)                                                                        |                                                              | 5*                      | < 1                                  |                       |                   |
|              |                |               | Dark brown clayey GRAVEL (to 1", subrounded), moist. (GC)                                                                |                                                              | 3                       |                                      |                       |                   |
|              |                |               | Very dark grey/brown clayey SILT with fine sand, moist. (ML)                                                             |                                                              |                         |                                      |                       |                   |
|              |                |               | Dark yellowish brown clayey SAND (fine to medium grain), moist. (SC)                                                     |                                                              | 28*                     | < 1                                  |                       |                   |
|              |                |               |                                                                                                                          |                                                              | 46                      | < 1                                  |                       |                   |
| 15           |                | 4-2           |                                                                                                                          |                                                              | 26*                     | < 1                                  |                       |                   |
|              |                |               |                                                                                                                          |                                                              | 40                      | < 1                                  |                       |                   |
|              |                |               | Dark yellowish brown clayey fine SAND with trace gravel (to 1/2", subrounded), very moist. (SC)                          |                                                              | 18*                     | < 1                                  |                       |                   |
|              |                |               |                                                                                                                          |                                                              | 21                      | 1.0                                  |                       |                   |
| 25           |                | 4-3           | Dark yellowish brown silty fine to medium SAND, wet. (SM)                                                                |                                                              | 9*                      | < 1                                  |                       |                   |
|              |                |               | Dark grayish brown clayey fine SAND, wet. (SC)                                                                           |                                                              | 15                      | 1.5                                  |                       |                   |
|              |                |               | Dark yellowish brown clayey fine SAND, very moist. (SC)                                                                  |                                                              |                         |                                      |                       |                   |

DRAFT

OVMMET 4391 11/3/97

**ENGEO**  
INCORPORATED

RAY STREET PROPERTY  
PLEASANTON, CALIFORNIA

BORING NO.: B-4

DATE: November 1997

PROJECT NO.: 4391-F3

FIGURE  
NO.

| DEPTH (FEET) | DEPTH (METERS) | SAMPLE NUMBER | LOG. LOCATION AND TYPE OF SAMPLE | DATE OF BORING: October 7, 1997                                                                        | N<br>S.P.T.<br>BLOWS/FT | OVM<br>READING<br>P.I.D.<br>(10.0eV) | IN PLACE                       |                                      |
|--------------|----------------|---------------|----------------------------------|--------------------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|--------------------------------|--------------------------------------|
|              |                |               |                                  | SURFACE ELEVATION: Approx. 355.0 feet msl (108.2 meters msl)                                           |                         |                                      | DRY<br>UNIT<br>WEIGHT<br>(PCF) | MOIST.<br>CONTENT<br>% DRY<br>WEIGHT |
| DESCRIPTION  |                |               |                                  | *MODIFIED<br>FOR<br>3" O.D.<br>SAMPLER                                                                 | (parts per<br>million)  |                                      |                                |                                      |
|              |                |               |                                  | Dark grayish brown silty fine SAND, wet. (SM)                                                          | 10*                     | <1                                   |                                |                                      |
|              | 10             |               |                                  | Dark grayish brown silty GRAVEL (to 1 1/4", subrounded) with sand, very moist. (GM)                    | 55                      | 2.0                                  |                                |                                      |
|              | 35             |               |                                  |                                                                                                        |                         |                                      |                                |                                      |
|              | 11             | 4-4           |                                  | Dark grayish brown silty clayey fine SAND, wet. (SC)                                                   | 23*                     | 2.0                                  |                                |                                      |
|              |                |               |                                  | Mottled gray/dark yellowish brown clayey fine to medium SAND, wet, moderate iron staining common. (SC) | 15                      | <1                                   |                                |                                      |
|              | 40             |               |                                  |                                                                                                        |                         |                                      |                                |                                      |
|              | 12             |               |                                  | Dark grayish brown clayey GRAVEL (to 1 1/4", subrounded). (GC)                                         | 2*                      | 2.5                                  |                                |                                      |
|              |                |               |                                  | Dark yellowish brown clayey fine to coarse SAND, wet. (SC)                                             | 58                      | <1                                   |                                |                                      |
|              | 45             |               |                                  |                                                                                                        |                         |                                      |                                |                                      |
|              | 13             |               |                                  | Dark gray clayey coarse to fine SAND with gravel (to 1 1/2", subrounded). (SC)                         |                         | 1.5                                  |                                |                                      |
|              | 45             | 4-5           |                                  | Dark yellowish brown fine sandy CLAY, very moist. (CL)                                                 | 11*                     | <1                                   |                                |                                      |
|              |                |               |                                  | Mottled grayish brown/dark yellowish brown clayey SILT, very moist, strong iron staining common. (ML)  | 21                      | <1                                   |                                |                                      |
|              | 50             |               |                                  |                                                                                                        |                         |                                      |                                |                                      |
|              | 14             |               |                                  | Dark yellowish brown clayey GRAVEL, saturated. (GC)                                                    | 16*                     | <1                                   |                                |                                      |
|              |                |               |                                  | Dark yellowish brown, silty CLAY, wet. (CL)                                                            | 5                       | <1                                   |                                |                                      |
|              | 55             |               |                                  |                                                                                                        |                         |                                      |                                |                                      |
|              | 15             | 4-6           |                                  | Show of water on sample and clay fractures.                                                            |                         |                                      |                                |                                      |
|              |                |               |                                  | No recovery.                                                                                           | 11*                     |                                      |                                |                                      |
|              | 60             |               |                                  |                                                                                                        | 8                       |                                      |                                |                                      |
|              | 16             |               |                                  | Yellowish brown clayey fine SAND, wet. (SC)                                                            | 44                      |                                      |                                |                                      |
|              |                | 4-7           |                                  |                                                                                                        | 19*                     | <1                                   |                                |                                      |

DRAFT

OVM MET 4391 11/1997

**ENGE O**  
INCORPORATED

RAY STREET PROPERTY  
PLEASANTON, CALIFORNIA

BORING NO.: B-4  
DATE: November 1997  
PROJECT NO.: 4391-F3

FIGURE NO.

CHECKED BY



| DEPTH (FEET) | DEPTH (METERS) | SAMPLE NUMBER | LOG, LOCATION AND TYPE OF SAMPLE | DATE OF BORING: October 7, 1997                                                                               |                        | N<br>S.P.T.<br>BLOWS/FT | OVM<br>READING<br>P.I.D.<br>(10.0eV) | IN PLACE                           |                                          |
|--------------|----------------|---------------|----------------------------------|---------------------------------------------------------------------------------------------------------------|------------------------|-------------------------|--------------------------------------|------------------------------------|------------------------------------------|
|              |                |               |                                  | SURFACE ELEVATION: Approx. 355.0 feet msl (108.2 meters msl)                                                  |                        |                         |                                      | DRY<br>UNIT<br>WEIGHT<br><br>(PCF) | MOIST.<br>CONTENT<br><br>% DRY<br>WEIGHT |
| DESCRIPTION  |                |               |                                  | *MODIFIED<br>FOR<br>3" O.D.<br>SAMPLER                                                                        | (parts per<br>million) |                         |                                      |                                    |                                          |
| -19          |                |               |                                  | Yellowish brown clayey fine SAND with moderate iron staining common, very moist. (SC)                         | 45                     | 3.0                     |                                      |                                    |                                          |
| -20          |                | 4-8           |                                  | Gray brown/dark yellowish brown fine sandy very silty CLAY, very moist, moderate iron staining abundant. (CL) | 35*                    | <1                      |                                      |                                    |                                          |
| -21          |                | 4-9           |                                  | Brown silty medium to coarse SAND with gravel (to 1", subangular to subrounded), saturated. (SM)              | 75                     | <1                      |                                      |                                    |                                          |
| -22          |                |               |                                  | Dark yellowish brown clayey fine SAND, wet. (SC)                                                              | 8*                     | 8.5                     |                                      |                                    |                                          |
| -23          |                |               |                                  | ∇ Approximate depth of ground water.                                                                          |                        |                         |                                      |                                    |                                          |
| -24          |                |               |                                  |                                                                                                               |                        |                         |                                      |                                    |                                          |
| -25          |                |               |                                  | Bottom of boring at approximately 80 feet.<br>Ground-water sample W-4 recovered at 15:20.                     |                        |                         |                                      |                                    |                                          |
| -26          |                |               |                                  |                                                                                                               |                        |                         |                                      |                                    |                                          |
| -27          |                |               |                                  |                                                                                                               |                        |                         |                                      |                                    |                                          |
| -28          |                |               |                                  |                                                                                                               |                        |                         |                                      |                                    |                                          |

DRAFT

OVM/MT 4391-11/3/97

**ENGEO**  
INCORPORATED

RAY STREET PROPERTY  
PLEASANTON, CALIFORNIA

BORING NO.: B-4

DATE: November 1997

PROJECT NO.: 4391-F3

FIGURE  
NO.

OVM/MAKET 4391 11/20/97

| DEPTH (FEET) | DEPTH (METERS) | SAMPLE NUMBER | LOG, LOCATION AND TYPE OF SAMPLE | DATE OF BORING: October 7, 1997                                                                  | N<br>S.P.T.<br>BLOWS/FT | OVM<br>READING<br>P.I.D.<br>(10.0eV) | IN PLACE                       |                                      |  |
|--------------|----------------|---------------|----------------------------------|--------------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|--------------------------------|--------------------------------------|--|
|              |                |               |                                  | SURFACE ELEVATION: Approx. 355.0 feet msl (108.2 meters msl)                                     |                         |                                      | DRY<br>UNIT<br>WEIGHT<br>(PCF) | MOIST.<br>CONTENT<br>% DRY<br>WEIGHT |  |
| DESCRIPTION  |                |               |                                  | *MODIFIED<br>FOR<br>3" O.D.<br>SAMPLER                                                           | (parts per<br>million)  |                                      |                                |                                      |  |
| 0            |                |               |                                  | Gray aggregate, dry. (Fill)                                                                      | 7*                      | < 1                                  |                                |                                      |  |
|              |                |               |                                  | Dark grayish brown clayey SILT with sand and gravel (to 2" subrounded), moist. (Fill) (ML)       | 6                       | < 1                                  |                                |                                      |  |
|              |                |               |                                  |                                                                                                  | 24*                     | 1.0                                  |                                | 5-1                                  |  |
|              |                |               |                                  |                                                                                                  | 8                       | < 1                                  |                                |                                      |  |
|              |                |               |                                  | Dark grayish brown very silty CLAY, tree roots, moist. (CL)                                      | 11*                     | < 1                                  |                                |                                      |  |
|              |                |               |                                  |                                                                                                  | 8                       | < 1                                  |                                |                                      |  |
|              |                | 5-2           |                                  | Dark yellow brown clayey fine to coarse SAND with gravel (to 2/3", subrounded), very moist. (SC) | 11*                     | < 1                                  |                                |                                      |  |
|              |                |               |                                  |                                                                                                  | 26                      | < 1                                  |                                |                                      |  |
|              |                |               |                                  | Dark yellowish brown clayey GRAVEL (to 1 1/2", subrounded), moist. (GC)                          | 24*                     | < 1                                  |                                |                                      |  |
|              |                |               |                                  | Dark yellowish brown, clayey fine to medium SAND, moist. (SC)                                    | 45                      | < 1                                  |                                |                                      |  |
|              |                |               |                                  | <b>DRAFT</b>                                                                                     |                         |                                      |                                |                                      |  |
|              |                | 5-3           |                                  | Dark yellowish brown clayey fine to coarse SAND. (SC)                                            | 11*                     | < 1                                  |                                |                                      |  |
|              |                |               |                                  |                                                                                                  | 20                      | < 1                                  |                                |                                      |  |
|              |                |               |                                  | Dark brown silty CLAY with sand, very moist. (CL)                                                |                         |                                      |                                |                                      |  |






**ENGEO**  
INCORPORATED

RAY STREET PROPERTY  
PLEASANTON, CALIFORNIA

BORING NO.: B-5  
DATE: November 1997  
PROJECT NO.: 4391-F3

FIGURE NO.

CHECKED BY

| DEPTH (FEET) | DEPTH (METERS) | SAMPLE NUMBER | LOG, LOCATION AND TYPE OF SAMPLE                                                  | DATE OF BORING: October 7, 1997                                                                                                                                    | N<br>S.P.T.<br>BLOWS/FT. | OVM<br>READING<br>P.I.D.<br>(10.0sV) | IN PLACE                           |                                          |
|--------------|----------------|---------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------------------|------------------------------------|------------------------------------------|
|              |                |               |                                                                                   | SURFACE ELEVATION: Approx. 355.0 feet msl (108.2 meters msl)                                                                                                       |                          |                                      | DRY<br>UNIT<br>WEIGHT<br><br>(PCF) | MOIST.<br>CONTENT<br><br>% DRY<br>WEIGHT |
| DESCRIPTION  |                |               |                                                                                   | *MODIFIED<br>FOR<br>3" O.D.<br>SAMPLER                                                                                                                             | (parts per<br>million)   |                                      |                                    |                                          |
|              |                |               |  | Mottled dark brown/dark gray clayey SILT, very moist. (ML)                                                                                                         | 4*                       | < 1                                  |                                    |                                          |
|              | -10            |               |  | Mottled dark brown/dark gray clayey very silty fine SAND, very moist, moderate iron staining common. (SM)<br>Dark gray silty fine to medium SAND, very moist. (SM) | 13                       | 1.5                                  |                                    |                                          |
|              | -35            |               | ▽                                                                                 | Approximate depth of ground water.                                                                                                                                 |                          |                                      |                                    |                                          |
|              | -11            | 5-4           |  | Dark gray silty CLAY with sand, very moist. (CL)                                                                                                                   |                          |                                      |                                    |                                          |
|              | -12            |               |  | Dark gray well graded GRAVEL (to 1 1/2" m.s. subrounded) with clay and sand, saturated. (GW)                                                                       | 17*                      |                                      |                                    |                                          |
|              | -40            | 5.5           |  | Dark gray brown clayey GRAVEL (to 1 1/4", subrounded), very moist. (GC)<br>Bottom of boring at approximately 40 feet.<br>Ground-water sample recovered at 18:50.   | 88                       |                                      |                                    |                                          |
|              | -13            |               |                                                                                   |                                                                                                                                                                    |                          |                                      |                                    |                                          |
|              | -45            |               |                                                                                   |                                                                                                                                                                    |                          |                                      |                                    |                                          |
|              | -14            |               |                                                                                   |                                                                                                                                                                    |                          |                                      |                                    |                                          |
|              | -50            |               |                                                                                   |                                                                                                                                                                    |                          |                                      |                                    |                                          |
|              | -16            |               |                                                                                   |                                                                                                                                                                    |                          |                                      |                                    |                                          |
|              | -55            |               |                                                                                   |                                                                                                                                                                    |                          |                                      |                                    |                                          |
|              | -17            |               |                                                                                   |                                                                                                                                                                    |                          |                                      |                                    |                                          |
|              | -18            |               |                                                                                   |                                                                                                                                                                    |                          |                                      |                                    |                                          |
|              | -60            |               |                                                                                   |                                                                                                                                                                    |                          |                                      |                                    |                                          |

DRAFT

OVM/DET 4391 11/3/97

**ENGEO**  
INCORPORATED

RAY STREET PROPERTY  
PLEASANTON, CALIFORNIA

BORING NO.: B-5

DATE: November 1997

PROJECT NO.: 4391-F3

CREATED BY

FIGURE NO.

| DEPTH (FEET) | DEPTH (METERS) | SAMPLE NUMBER | LOG, LOCATION AND TYPE OF SAMPLE | DATE OF BORING: October 8, 1997                                                                    | N<br>S.P.T.<br>BLOWS/FT | OVM<br>READING<br>P.I.D.<br>(10.0eV) | IN PLACE                               |                     |
|--------------|----------------|---------------|----------------------------------|----------------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|----------------------------------------|---------------------|
|              |                |               |                                  | SURFACE ELEVATION: Approx. 353.0 feet msl (107.6 meters msl)                                       |                         |                                      | *MODIFIED<br>FOR<br>3" O.D.<br>SAMPLER | (parts per million) |
|              |                |               |                                  | DESCRIPTION                                                                                        |                         |                                      |                                        |                     |
| 0            |                |               |                                  | Dark grayish brown silty GRAVEL with sand and cobbles (including concrete and asphalt), (Fill)(GM) |                         |                                      |                                        |                     |
|              |                |               |                                  | Dark gray brown clayey SILT with fine sand, tree roots, damp. (ML)                                 | 3*                      | <1                                   |                                        |                     |
| 1            |                |               |                                  |                                                                                                    | 3                       | <1                                   |                                        |                     |
| 5            |                | 6-1           |                                  |                                                                                                    | 8*                      | <1                                   |                                        |                     |
| 2            |                |               |                                  |                                                                                                    | 5                       | <1                                   |                                        |                     |
| 10           |                |               |                                  |                                                                                                    | 26*                     |                                      |                                        |                     |
| 4            |                |               |                                  | Dark grayish brown silty CLAY with sand, moist. (CL)                                               | 11                      | <1                                   |                                        |                     |
| 15           |                | 6-2           |                                  |                                                                                                    | 26*                     |                                      |                                        |                     |
| 5            |                |               |                                  | Dark yellowish brown clayey GRAVEL (to 3/4", subrounded) with sand, moist. (GC)                    | 26                      |                                      |                                        |                     |
| 20           |                |               |                                  | Dark yellowish brown/dark gray brown silty CLAY with gravel (to 1/2", subrounded). (CL)            | 40*                     | <1                                   |                                        |                     |
| 7            |                |               |                                  | Dark yellowish brown clayey GRAVEL (to 1", subrounded), moist. (GC)                                | 46                      | <1                                   |                                        |                     |
| 25           |                | 6-3           |                                  |                                                                                                    | 18*                     | <1                                   |                                        |                     |
| 8            |                |               |                                  | Dark brown clayey fine to coarse SAND, moist. (SC)                                                 | 40                      |                                      |                                        |                     |
| 30           |                |               |                                  | Dark yellowish brown clayey SAND with trace gravel (to 3/4", subrounded), moist. (SC)              |                         |                                      |                                        |                     |

DRAFT

OVMMEI 4991 11/3/97

**ENGE O**  
INCORPORATED

RAY STREET PROPERTY  
PLEASANTON, CALIFORNIA

BORING NO.: B-6  
DATE: November 1997  
PROJECT NO.: 4391-F3

FIGURE NO.

DESIGNED BY

| DEPTH (FEET) | DEPTH (METERS) | SAMPLE NUMBER | LOG, LOCATION AND TYPE OF SAMPLE                                                         | DATE OF BORING: October 8, 1997                              | N<br>S.P.T.<br>BLOWS/FT | OVM<br>READING<br>P.I.D.<br>(10.0eV) | IN PLACE                       |                                      |
|--------------|----------------|---------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------|-------------------------|--------------------------------------|--------------------------------|--------------------------------------|
|              |                |               |                                                                                          | SURFACE ELEVATION: Approx. 353.0 feet msl (107.6 meters msl) |                         |                                      | DRY<br>UNIT<br>WEIGHT<br>(PCF) | MOIST.<br>CONTENT<br>% DRY<br>WEIGHT |
| DESCRIPTION  |                |               |                                                                                          | *MODIFIED<br>FOR<br>3" O.D.<br>SAMPLER                       | (parts per<br>million)  |                                      |                                |                                      |
|              |                | 6-4           | Mottled dark brown/dark gray very fine sandy SILT, very moist. (ML)                      |                                                              | 19*                     | < 1                                  |                                |                                      |
|              | 10             |               | Dark gray brown silty fine SAND, wet. (SM)                                               |                                                              | 15                      | < 1                                  |                                |                                      |
|              |                |               | Mottled dark brown/dark gray very fine sandy SILT, very moist. (ML)                      |                                                              |                         |                                      |                                |                                      |
|              | 35             | 6-5           | ▽ Approximate depth of groundwater.                                                      |                                                              |                         |                                      |                                |                                      |
|              | 11             |               | Dark gray brown silty GRAVEL (to 1", subrounded), saturated. (GM)                        |                                                              | 27*                     |                                      |                                |                                      |
|              | 12             | 6-6           | Reddish brown sandy CLAY, very wet. (SC)                                                 |                                                              | 32                      |                                      |                                |                                      |
|              | 40             |               | Bottom of boring at approximately 40 feet.<br>Ground-water sample W-6 recovered at 15:20 |                                                              |                         |                                      |                                |                                      |
|              | 13             |               |                                                                                          |                                                              |                         |                                      |                                |                                      |
|              | 45             |               |                                                                                          |                                                              |                         |                                      |                                |                                      |
|              | 14             |               |                                                                                          |                                                              |                         |                                      |                                |                                      |
|              | 15             |               |                                                                                          |                                                              |                         |                                      |                                |                                      |
|              | 50             |               |                                                                                          |                                                              |                         |                                      |                                |                                      |
|              | 16             |               |                                                                                          |                                                              |                         |                                      |                                |                                      |
|              | 55             |               |                                                                                          |                                                              |                         |                                      |                                |                                      |
|              | 17             |               |                                                                                          |                                                              |                         |                                      |                                |                                      |
|              | 18             |               |                                                                                          |                                                              |                         |                                      |                                |                                      |
|              | 60             |               |                                                                                          |                                                              |                         |                                      |                                |                                      |

DRAFT

OVM/NET 4391 11/2/97

**ENGEO**  
INCORPORATED

RAY STREET PROPERTY  
PLEASANTON, CALIFORNIA

BORING NO.: B-6

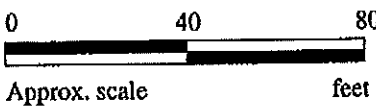
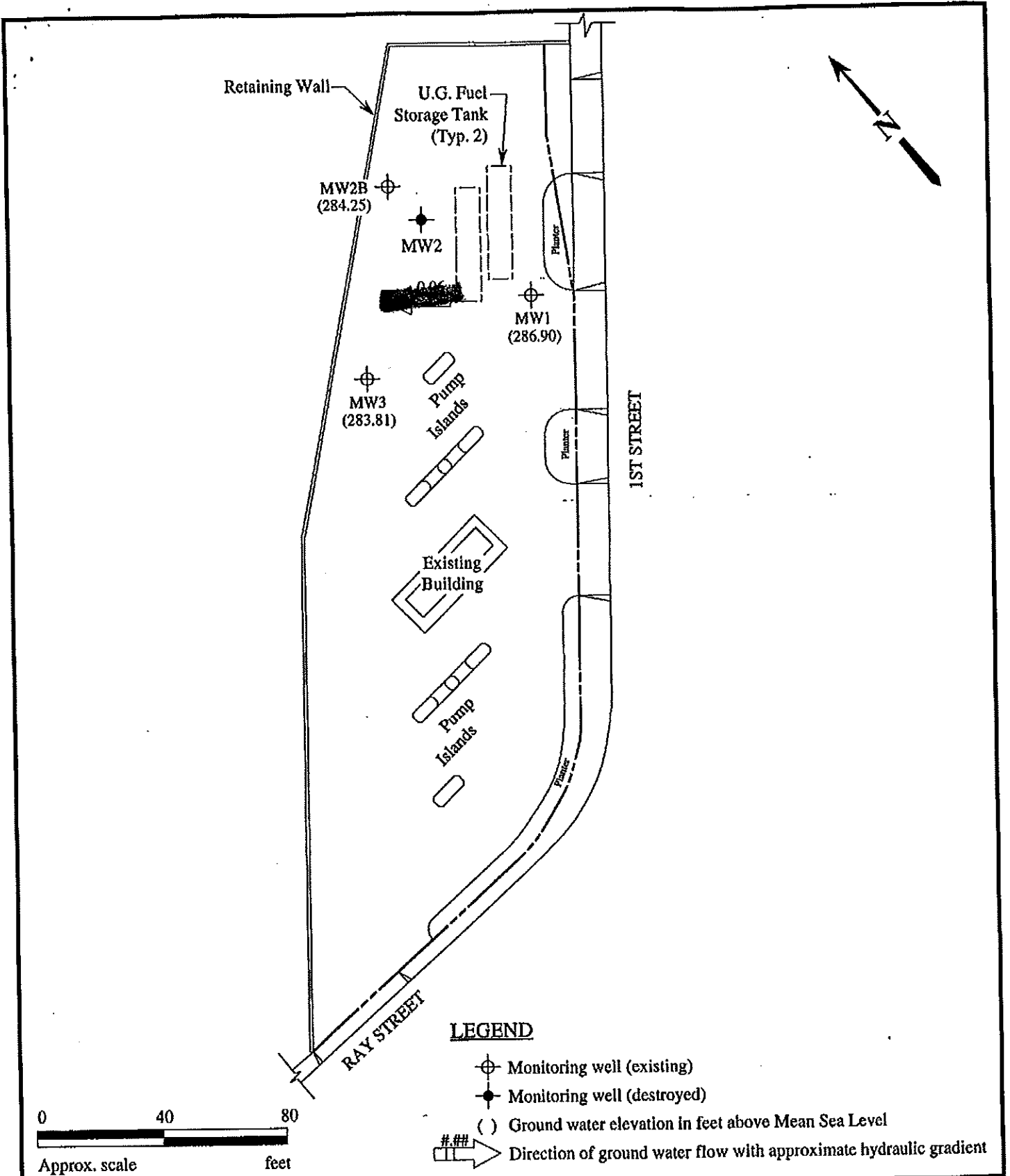
DATE: November 1997

PROJECT NO.: 4391-F3

FIGURE  
NO.

DRIVEN BY

**APPENDIX F**  
Historic Groundwater Elevation Maps



**LEGEND**

- ⊕ Monitoring well (existing)
- Monitoring well (destroyed)
- ( ) Ground water elevation in feet above Mean Sea Level
- ### → Direction of ground water flow with approximate hydraulic gradient

**GROUND WATER FLOW DIRECTION MAP FOR THE MARCH 1, 1995 MONITORING EVENT**

**mpds** SERVICES, INCORPORATED

UNOCAL SERVICE STATION #7376  
 4191 1ST STREET  
 PLEASANTON, CALIFORNIA

FIGURE  
**1**

Retaining Wall

U.G. Fuel Storage Tank (Typ. 2)

MW2B (289.36)

MW1 (289.46)

MW3 (289.41)

Pump Islands

Existing Building

Pump Islands

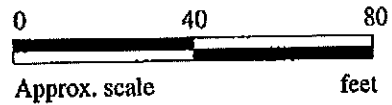
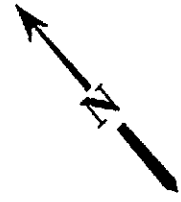
Planter

Planter




Planter

1ST STREET

RAY STREET



**LEGEND**

-  Monitoring well
-  Ground water elevation in feet above Mean Sea Level
-  Direction of ground water flow with approximate hydraulic gradient

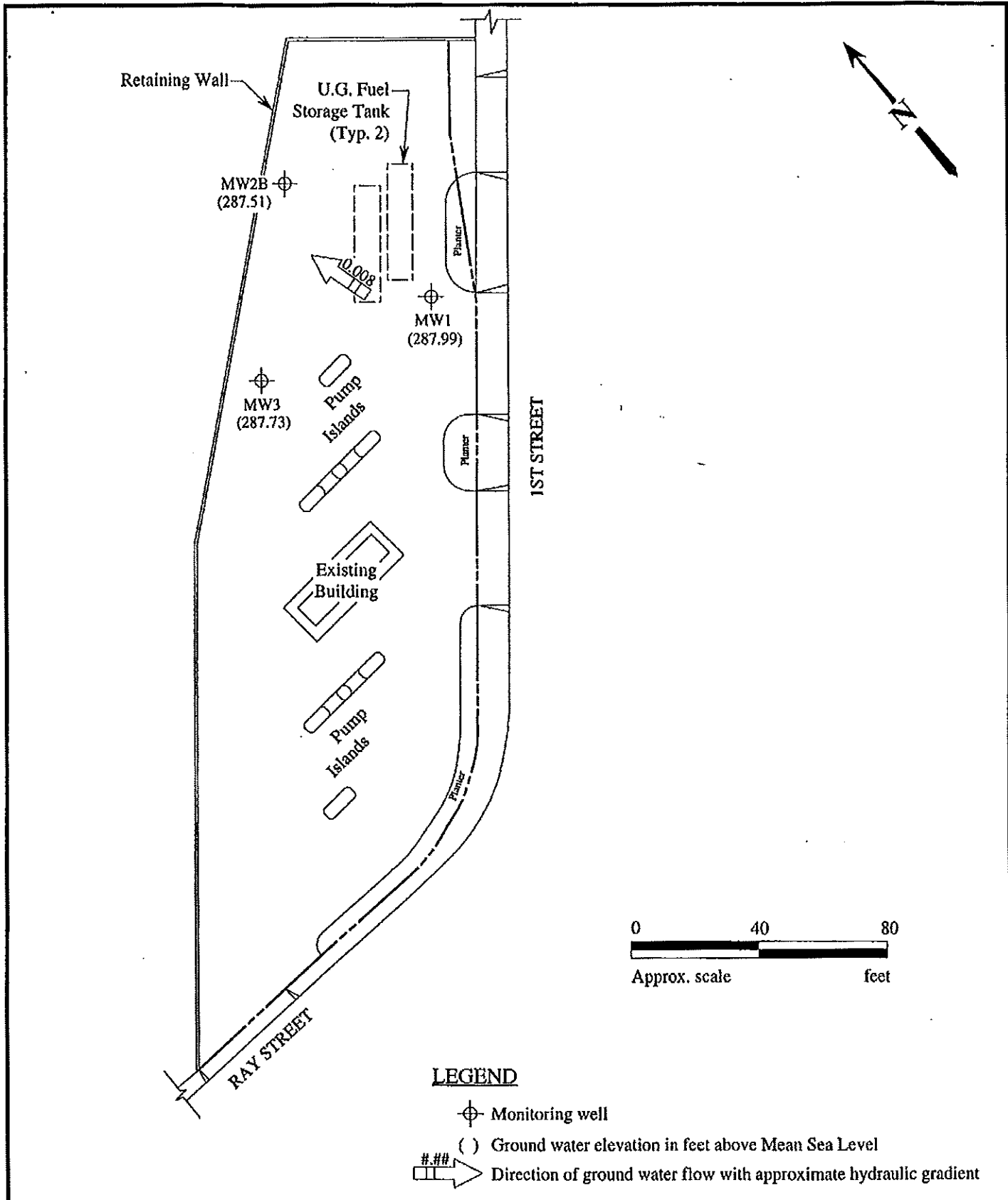
**GROUND WATER FLOW DIRECTION MAP FOR THE JUNE 1, 1995 MONITORING EVENT**

**mpds** SERVICES, INCORPORATED

UNOCAL SERVICE STATION #7376  
4191 1ST STREET  
PLEASANTON, CALIFORNIA

FIGURE  
**1**





**LEGEND**

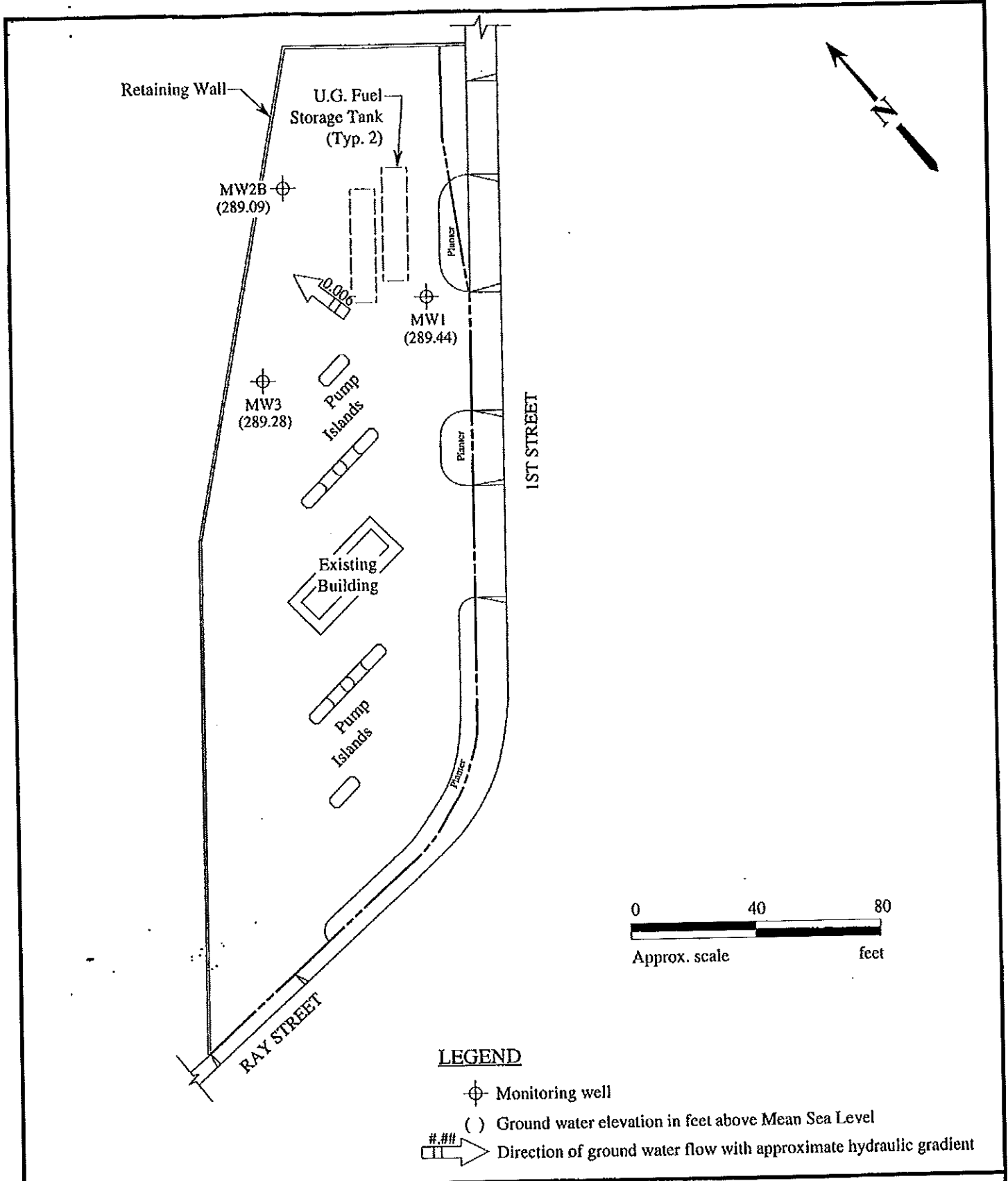
- ⊕ Monitoring well
- ( ) Ground water elevation in feet above Mean Sea Level
- #.#.# → Direction of ground water flow with approximate hydraulic gradient

**GROUND WATER FLOW DIRECTION MAP FOR THE SEPTEMBER 9, 1995 MONITORING EVENT**



**UNOCAL SERVICE STATION #7376  
4191 1ST STREET  
PLEASANTON, CALIFORNIA**

**FIGURE  
1**



**LEGEND**

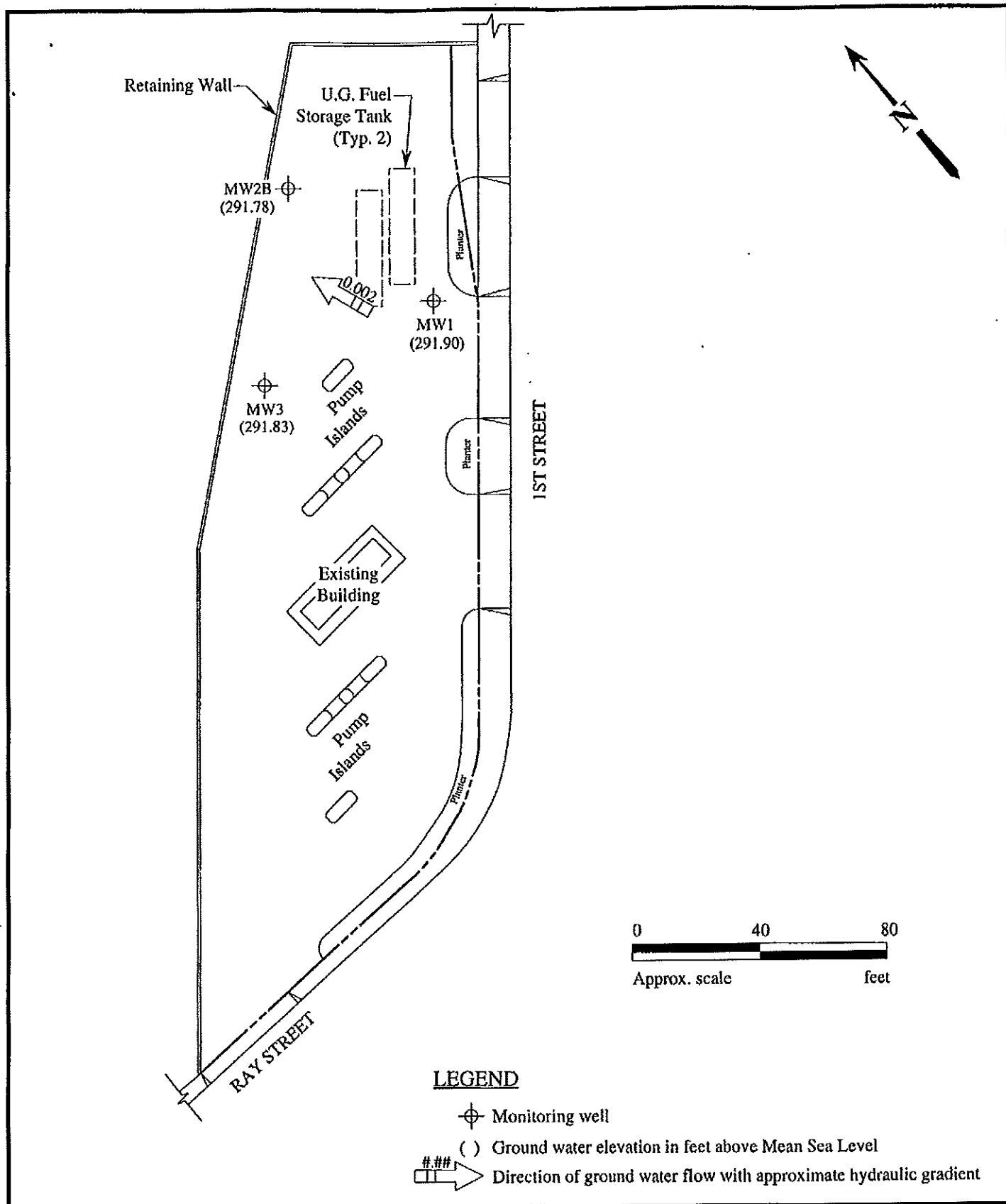
- ⊕ Monitoring well
- ( ) Ground water elevation in feet above Mean Sea Level
- ### → Direction of ground water flow with approximate hydraulic gradient

**GROUND WATER FLOW DIRECTION MAP FOR THE DECEMBER 12, 1995 MONITORING EVENT**

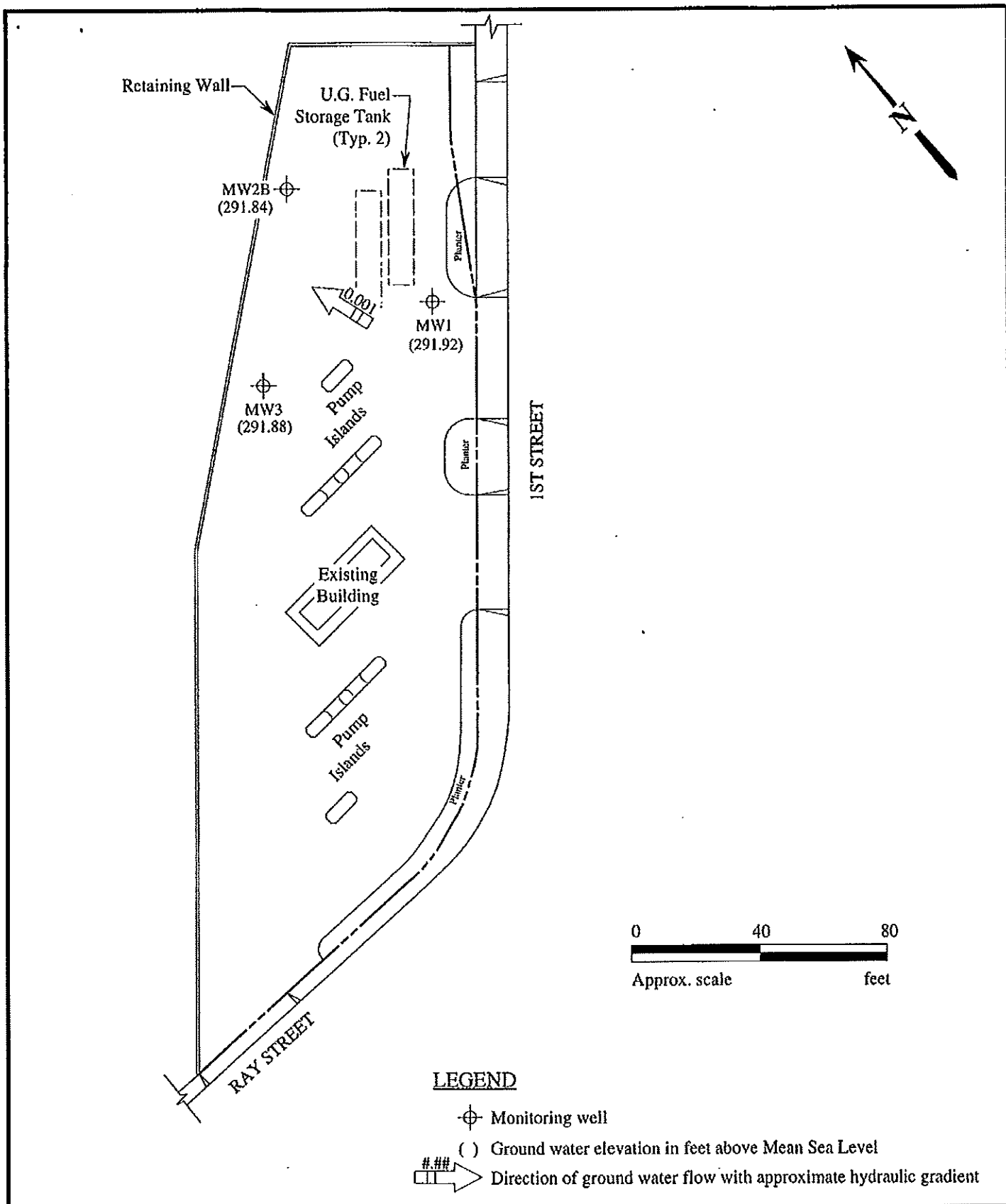
**mpds** SERVICES, INCORPORATED

UNOCAL SERVICE STATION #7376  
4191 1ST STREET  
PLEASANTON, CALIFORNIA

FIGURE  
**1**



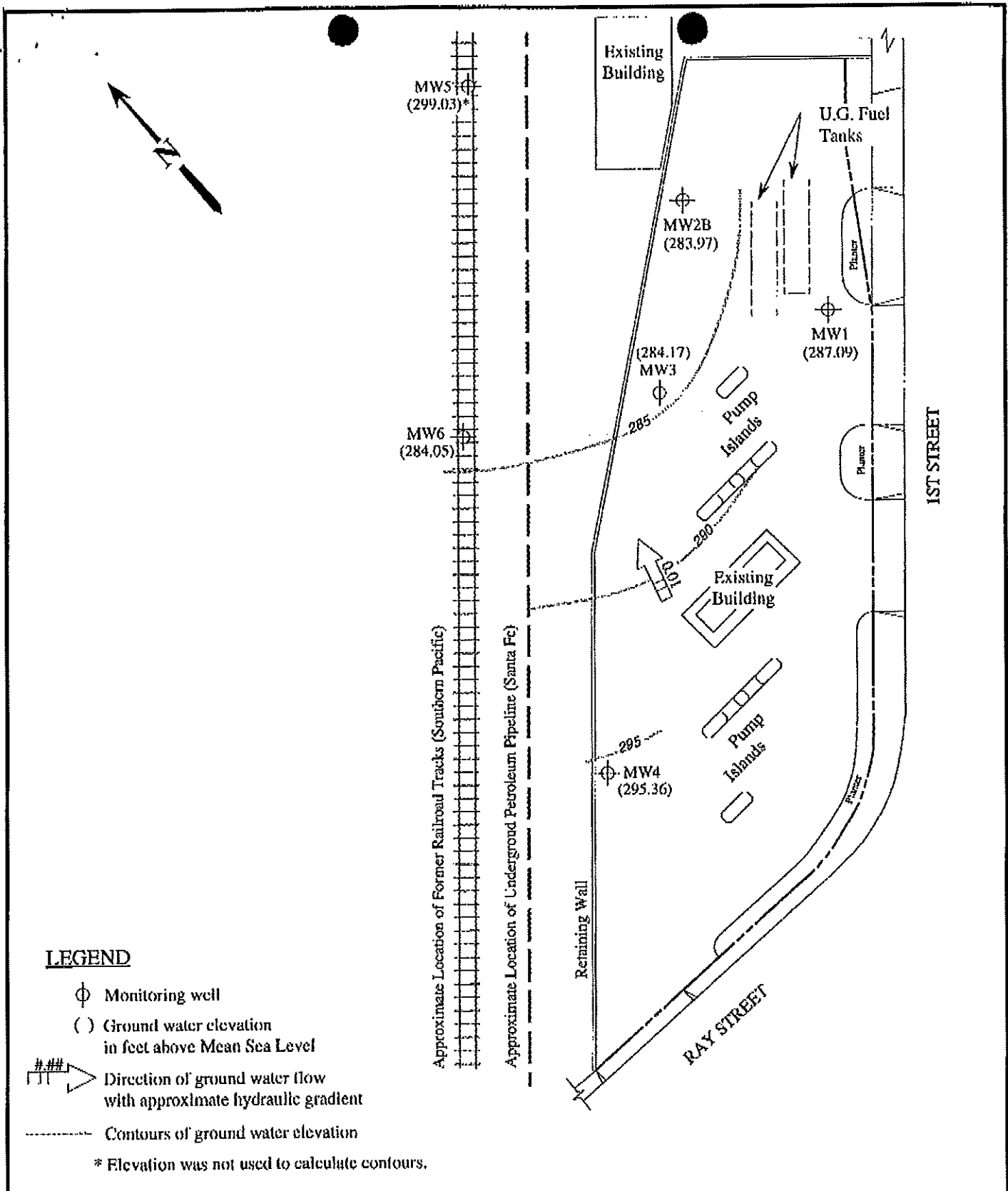
GROUND WATER FLOW DIRECTION MAP FOR THE MARCH 1, 1996 MONITORING EVENT



**LEGEND**

- ⊕ Monitoring well
- ( ) Ground water elevation in feet above Mean Sea Level
- ### → Direction of ground water flow with approximate hydraulic gradient

**GROUND WATER FLOW DIRECTION MAP FOR THE JUNE 15, 1996 MONITORING EVENT**



POTENTIOMETRIC SURFACE MAP FOR THE SEPTEMBER 18, 1996 MONITORING EVENT



UNOCAL SERVICE STATION #7376  
4191 1ST STREET  
PLEASANTON, CALIFORNIA

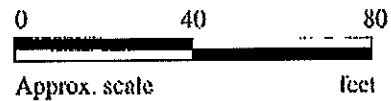
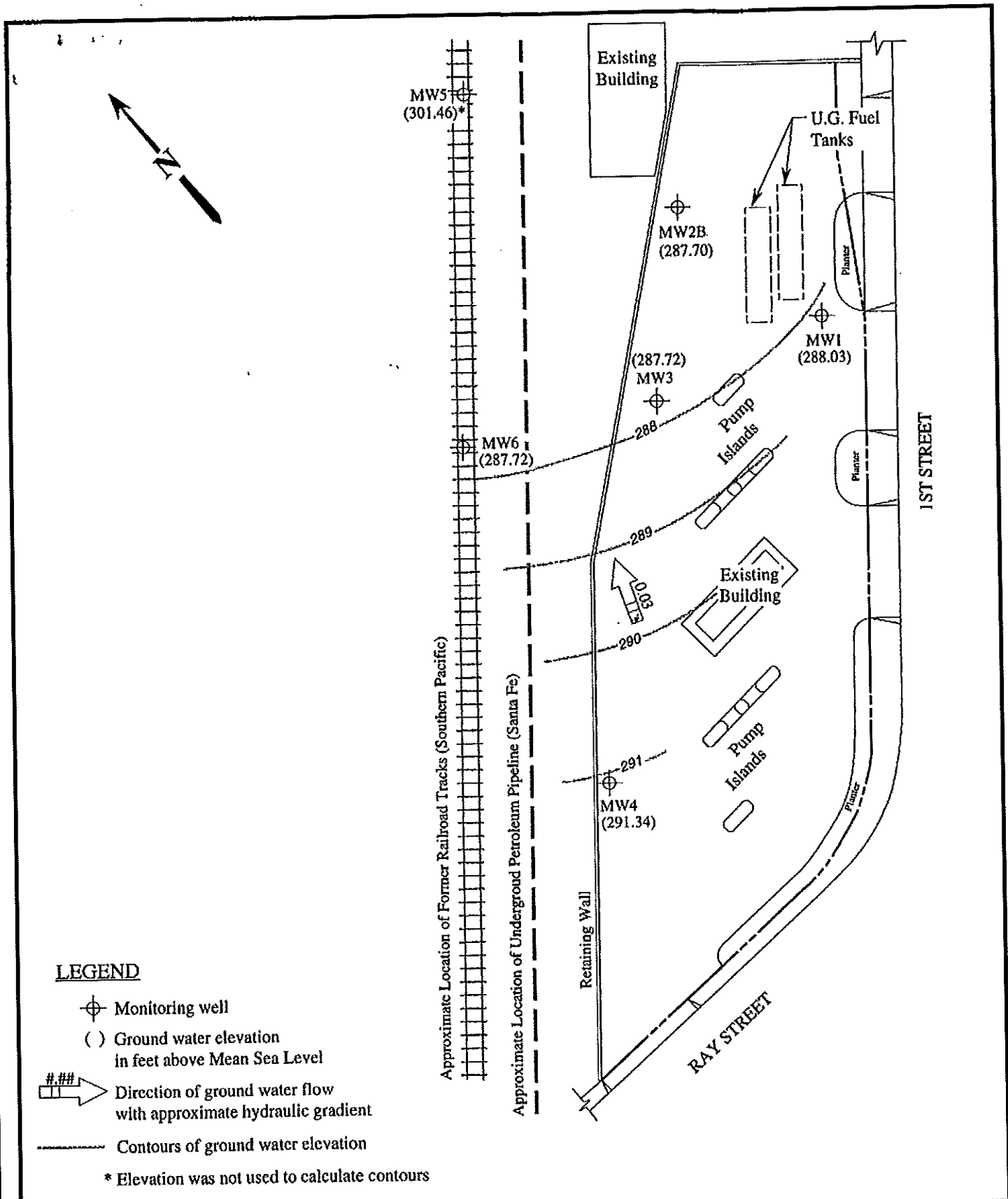


FIGURE  
**1**



POTENTIOMETRIC SURFACE MAP FOR THE DECEMBER 21, 1996 MONITORING EVENT



UNOCAL SERVICE STATION #7376  
 4191 1ST STREET  
 PLEASANTON, CALIFORNIA

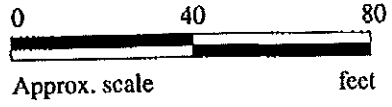
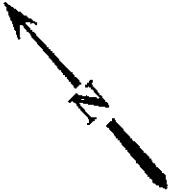


FIGURE  
**1**



MW5  
(306.93)\*

MW2B  
(295.38)

(295.43)  
MW3

MW1  
(295.50)

MW6  
(295.51)

MW4  
(300.99)

Approximate Location of Former Railroad Tracks (Southern Pacific)

Approximate Location of Underground Petroleum Pipeline (Santa Fe)

Retaining Wall

Existing Building

U.G. Fuel Tanks

Pump Islands

Existing Building

Pump Islands

RAY STREET

1ST STREET

**LEGEND**

⊕ Monitoring well

( ) Ground water elevation  
in feet above Mean Sea Level

➔### Direction of ground water flow  
with approximate hydraulic gradient

— Contours of ground water elevation

\* Elevation was not used to calculate contours

**POTENTIOMETRIC SURFACE MAP FOR THE MARCH 7, 1997 MONITORING EVENT**



UNOCAL SERVICE STATION #7376  
4191 1ST STREET  
PLEASANTON, CALIFORNIA

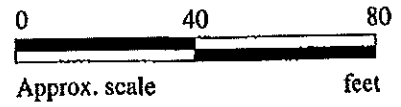
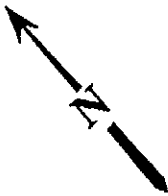
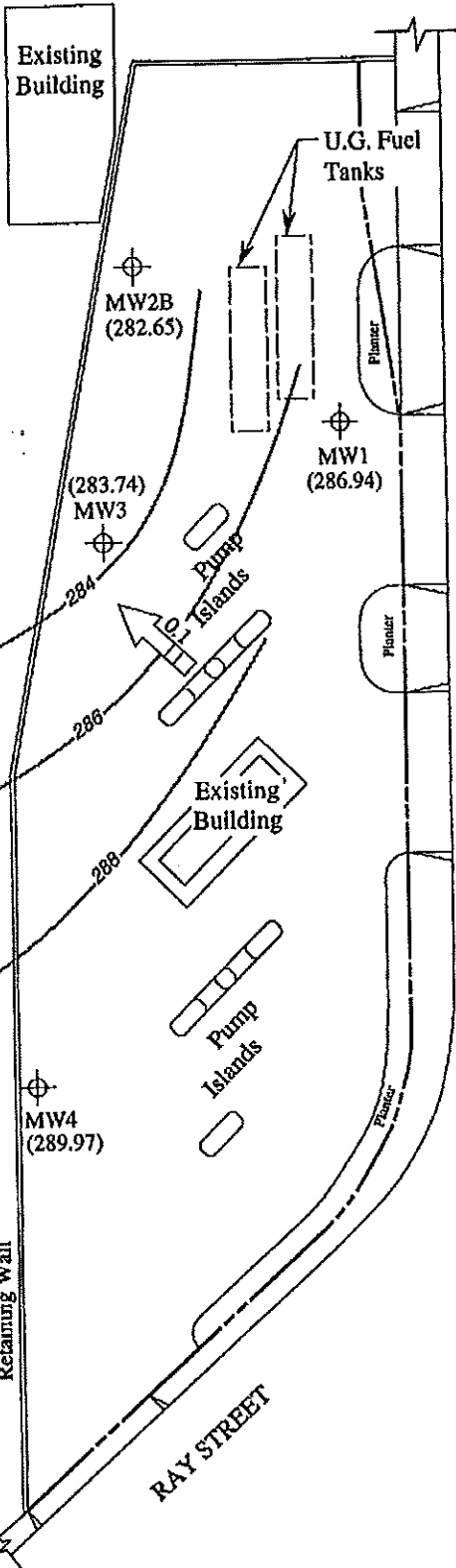


FIGURE  
**1**



MW5†  
(295.03)\*†



Approximate Location of Former Railroad Tracks (Southern Pacific)

Approximate Location of Underground Petroleum Pipeline (Santa Fe)

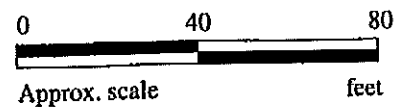
**LEGEND**

- ⊕ Monitoring well
- ( ) Ground water elevation in feet above Mean Sea Level
- ### → Direction of ground water flow with approximate hydraulic gradient
- Contours of ground water elevation
- \* Groundwater elevation corrected due to the presence of free product.
- † Elevation was not used to calculate contours.

**POTENTIOMETRIC SURFACE MAP FOR THE JUNE 27, 1997 MONITORING EVENT**

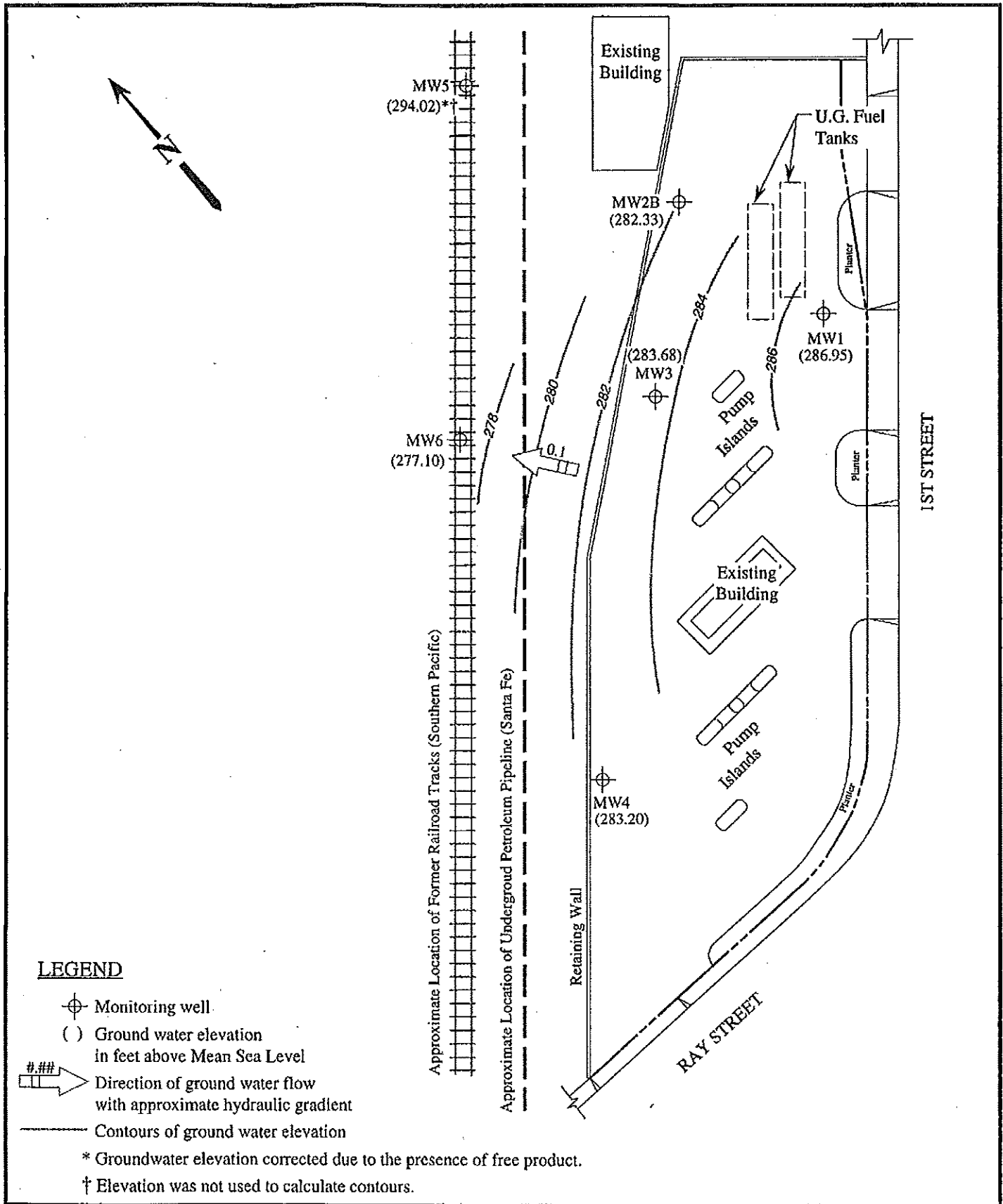


**UNOCAL SERVICE STATION #7376**  
 4191 1ST STREET  
 PLEASANTON, CALIFORNIA



**FIGURE**  
**1**





POTENTIOMETRIC SURFACE MAP FOR THE SEPTEMBER 29, 1997 MONITORING EVENT



UNOCAL SERVICE STATION #7376  
 4191 1ST STREET  
 PLEASANTON, CALIFORNIA

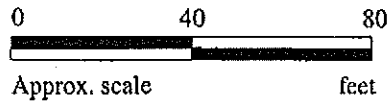
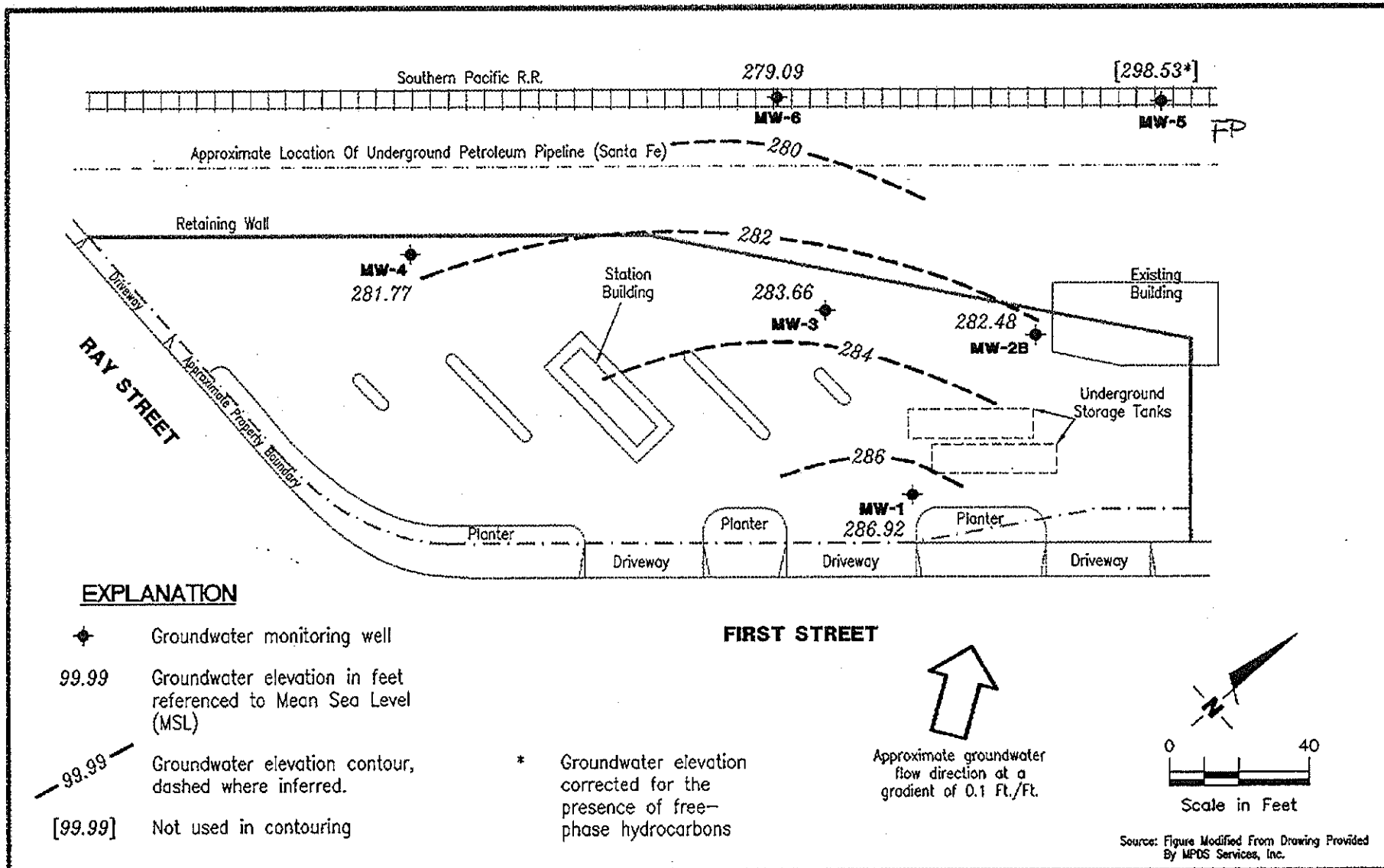


FIGURE  
**1**



**EXPLANATION**

- ◆ Groundwater monitoring well
- 99.99 Groundwater elevation in feet referenced to Mean Sea Level (MSL)
- 99.99 - Groundwater elevation contour, dashed where inferred.
- [99.99] Not used in contouring
- \* Groundwater elevation corrected for the presence of free-phase hydrocarbons

Source: Figure Modified From Drawing Provided By MPDS Services, Inc.

FIGURE

**1**

**Gettler - Ryan Inc.**  
 6747 Sierra Ct., Suite J (510) 551-7555  
 Dublin, CA 94568

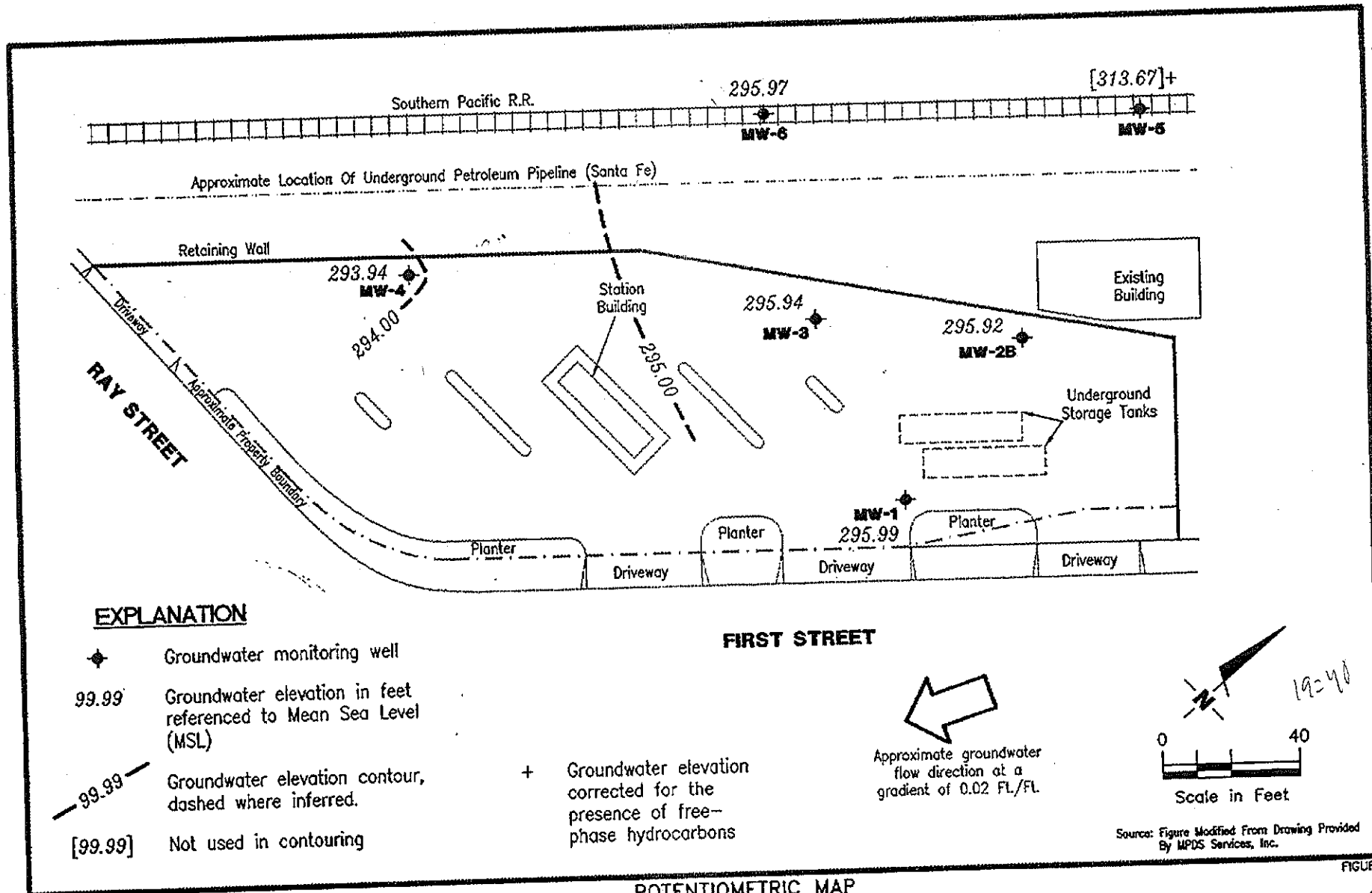
**POTENTIOMETRIC MAP**  
 Tosco (Unocal) Service Station No. 7376  
 4191 First Street  
 Pleasanton, California

JOB NUMBER  
 180075

REVIEWED BY

DATE  
 December 15, 1997

REVISED DATE



**Gettler - Ryan Inc.**

6747 Sierra Ct., Suite J (925) 551-7555  
Dublin, CA 94568

POTENTIOMETRIC MAP  
Tosco (Unocal) Service Station No. 7376  
4191 First Street  
Pleasanton, California

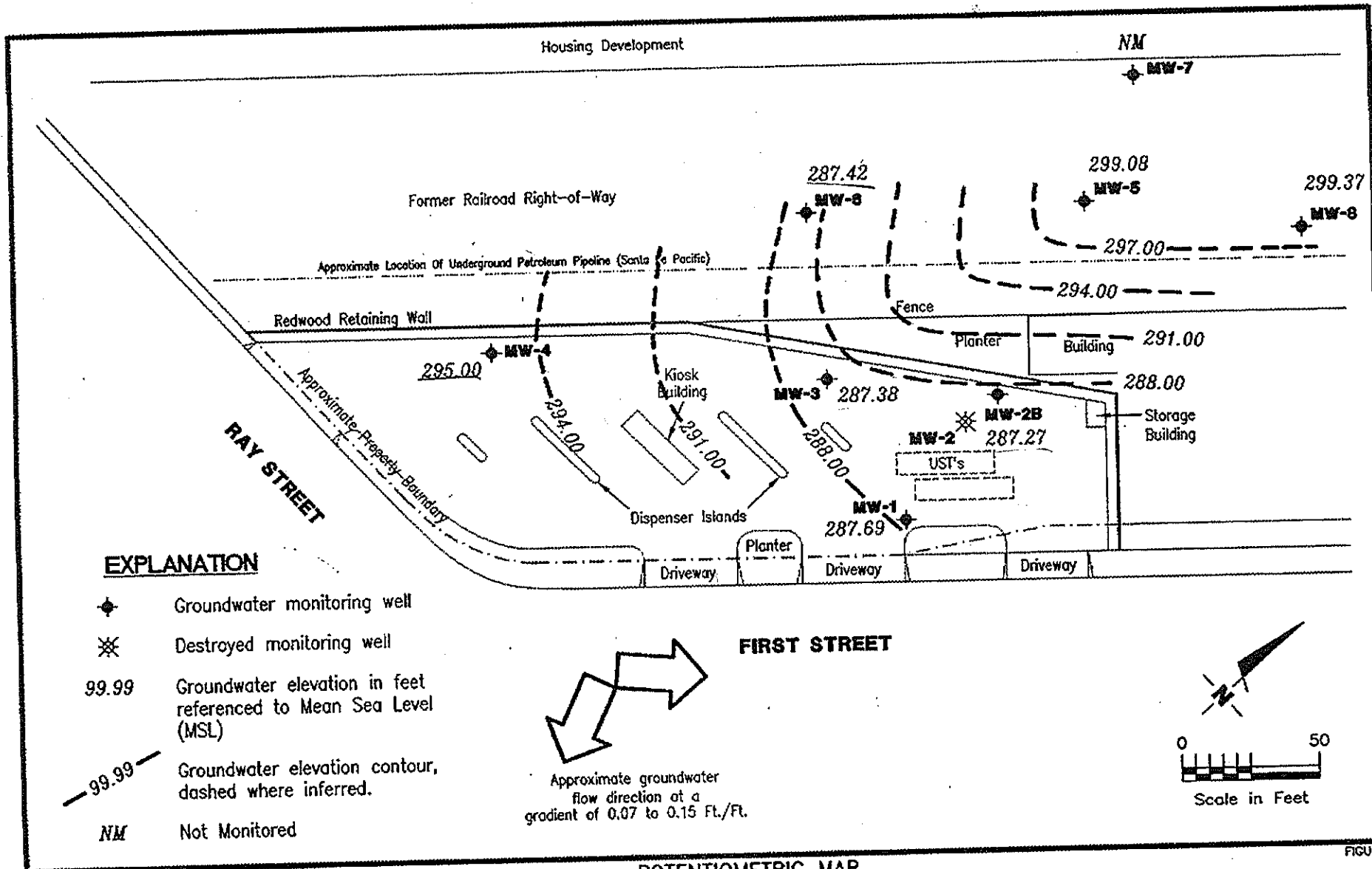
FIGURE 1

JOB NUMBER  
180075

REVIEWED BY

DATE  
March 16, 1998

REVISED DATE



**Gettler - Ryan Inc.**

6747 Sierra Ct., Suite J (925) 551-7555  
Dublin, CA 94568

**POTENTIOMETRIC MAP**  
Tosco (Unocal) Service Station No. 7376  
4191 First Street  
Pleasanton, California

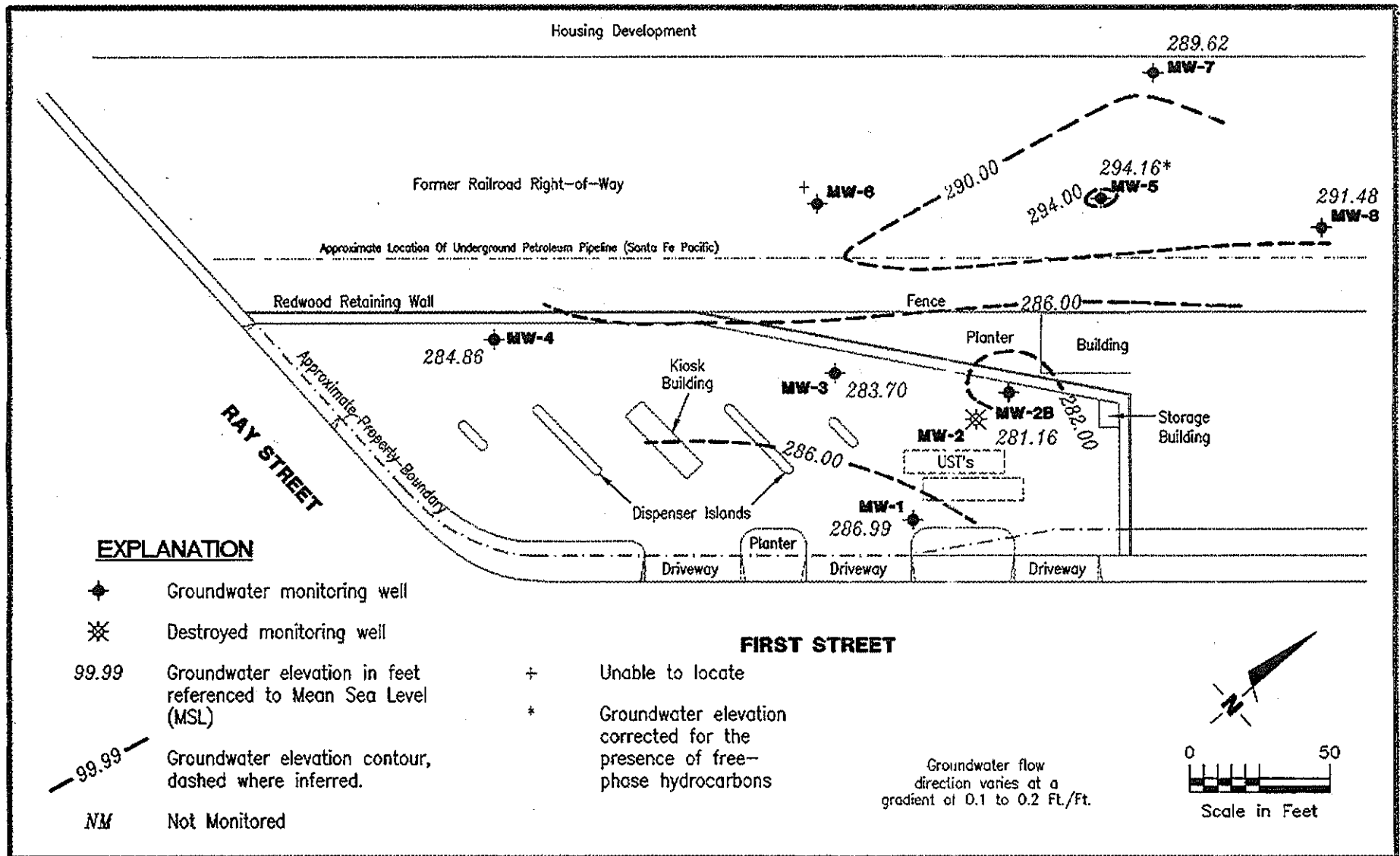
JOB NUMBER  
180075

REVIEWED BY

DATE  
June 26, 1998

REVISED DATE

FIGURE 1



**Gettler - Ryan Inc.**

6747 Sierra Ct., Suite J (925) 551-7555  
Dublin, CA 94568

**POTENTIOMETRIC MAP**  
Tosco (Unocal) Service Station No. 7376  
4191 First Street  
Pleasanton, California

FIGURE 1

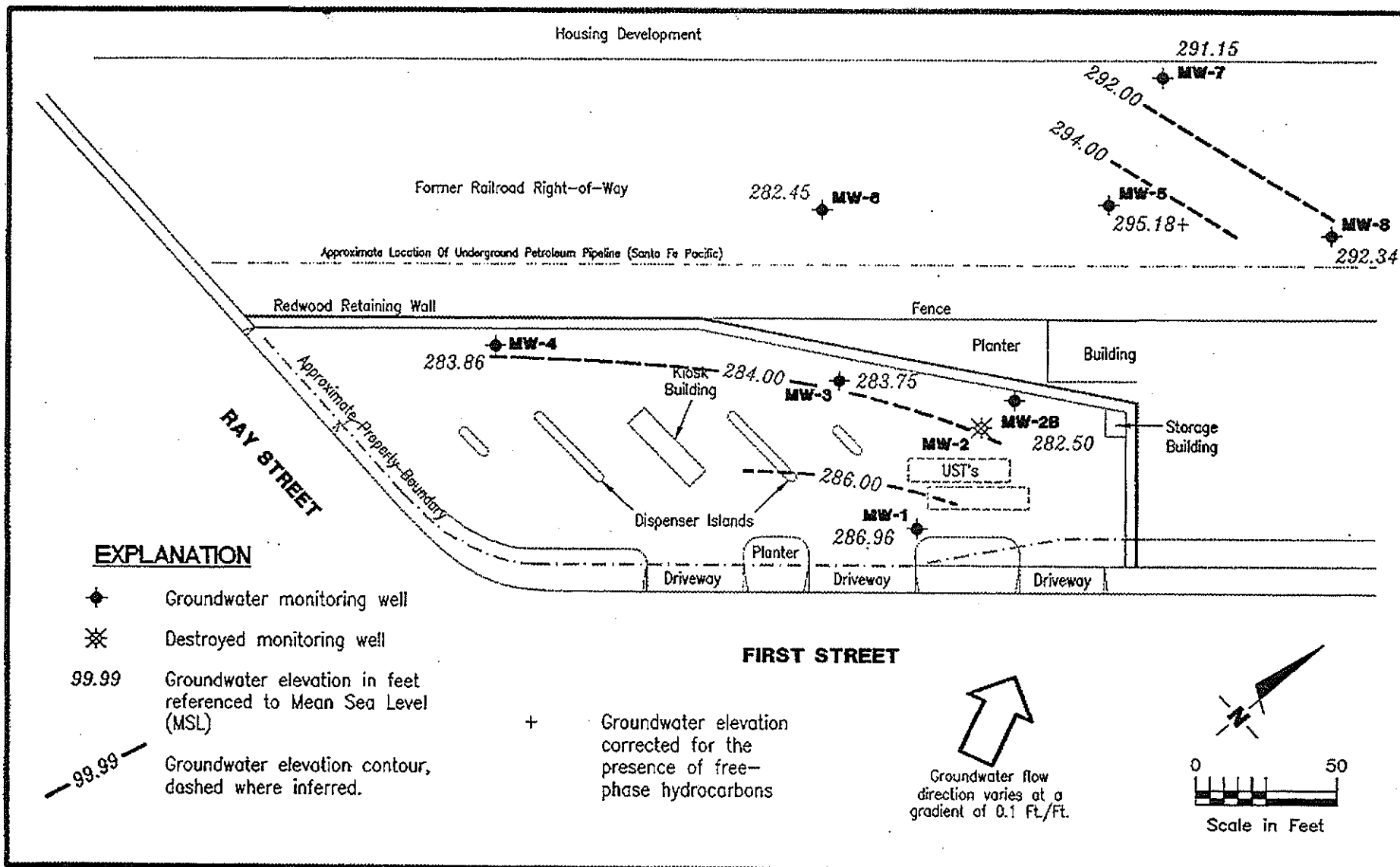
JOB NUMBER  
180075

REVIEWED BY

DATE

September 22, 1998

REVISED DATE



**Gertler - Ryan Inc.**

6747 Sierra Ct., Suite J (925) 551-7555  
Dublin, CA 94568

**POTENTIOMETRIC MAP**

Tosco (Unocal) Service Station No. 7376  
4191 First Street  
Pleasanton, California

FIGURE

**1**

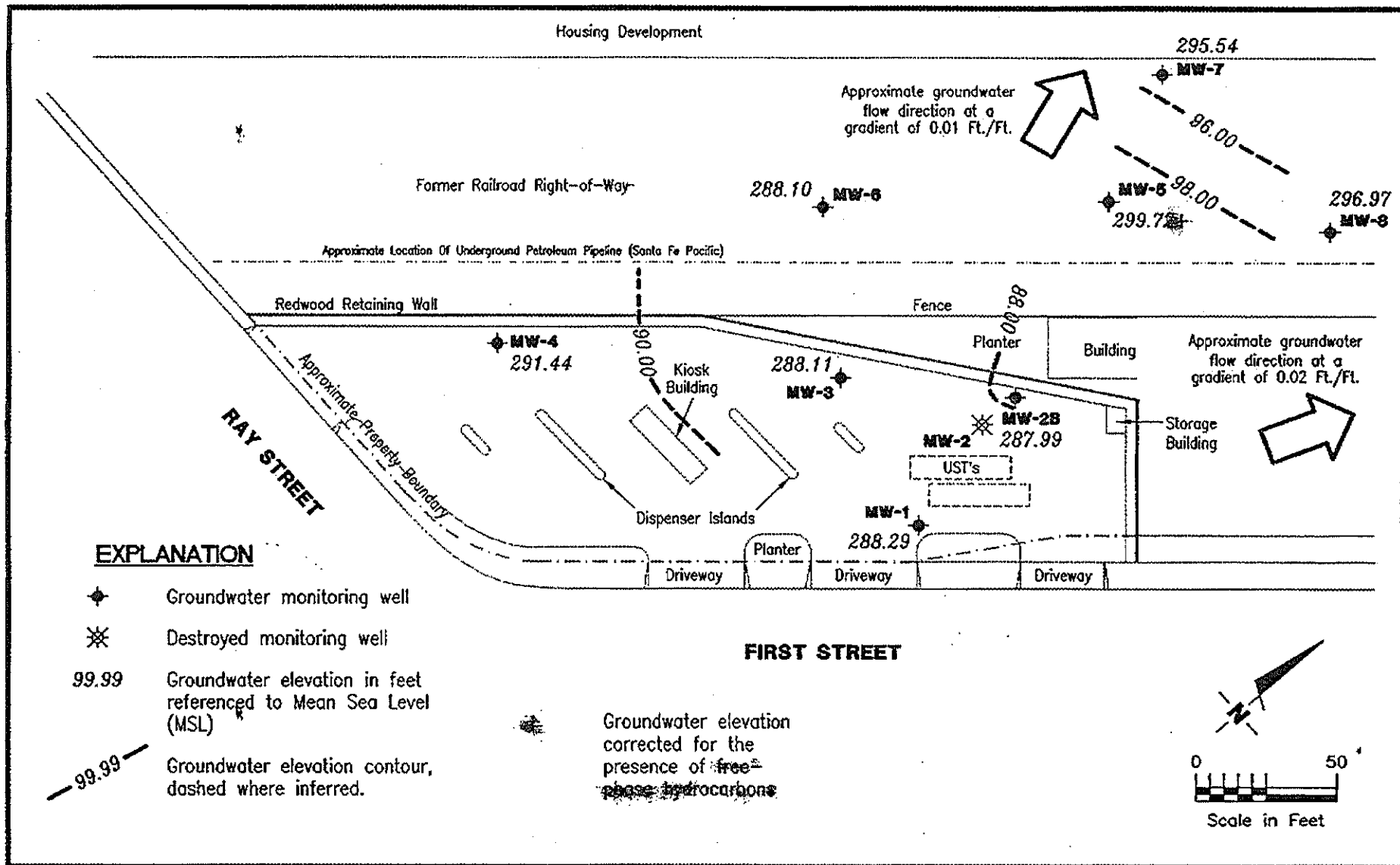
JOB NUMBER  
180075

REVIEWED BY

DATE

December 23, 1998

REVISED DATE



**EXPLANATION**

- ◆ Groundwater monitoring well
- ✱ Destroyed monitoring well
- 99.99 Groundwater elevation in feet referenced to Mean Sea Level (MSL)
- - - 99.99 Groundwater elevation contour, dashed where inferred.



**Gettler - Ryan Inc.**

6747 Sierra Ct., Suite J (925) 551-7555  
Dublin, CA 94568

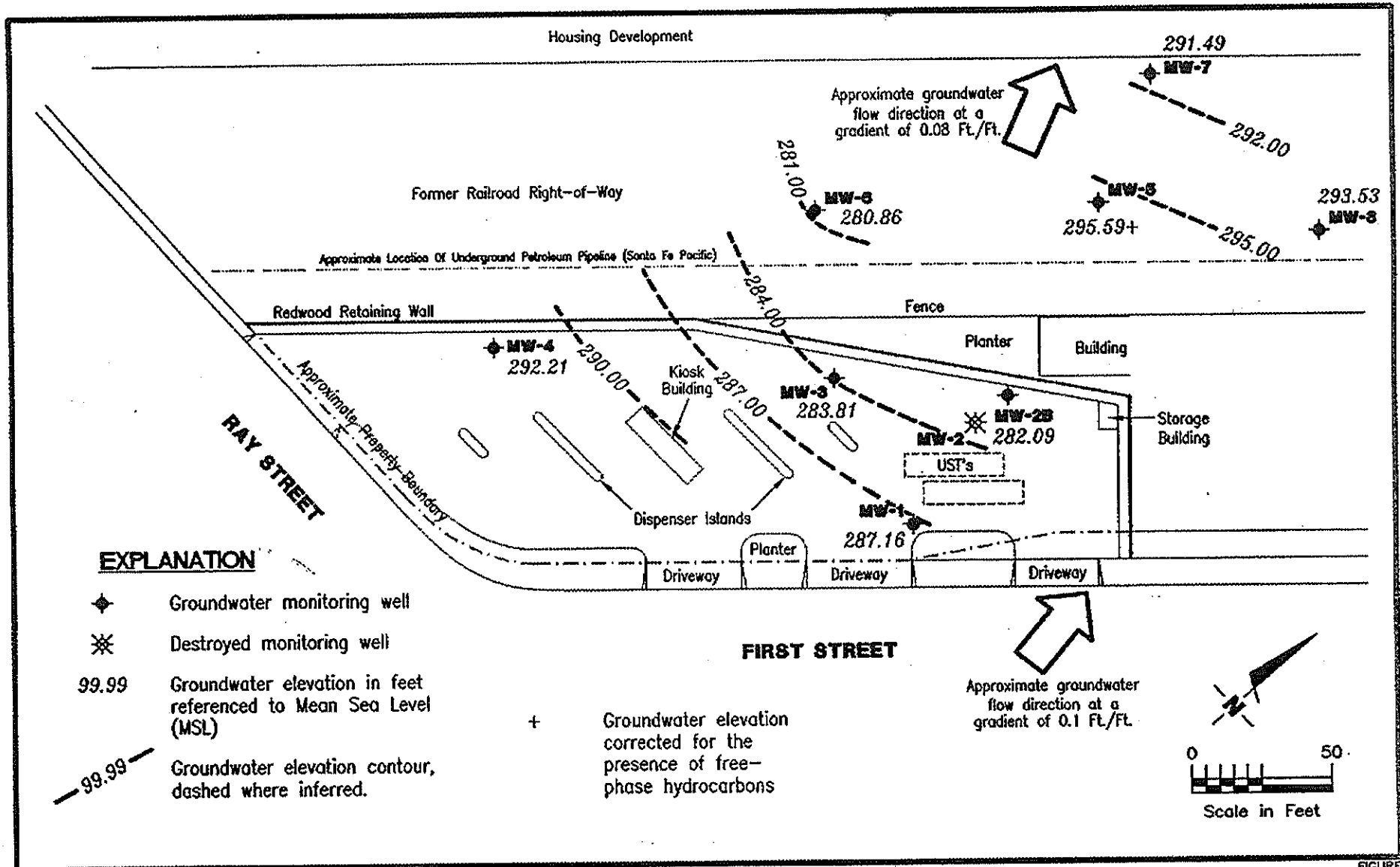
**POTENTIOMETRIC MAP**  
Tosco (Unocal) Service Station No. 7376  
4191 First Street  
Pleasanton, California

JOB NUMBER  
180075

REVIEWED BY

DATE  
March 23, 1999

REVISED DATE



**Gettler - Ryan Inc.**

6747 Sierra Ct., Suite J (925) 551-7555  
Dublin, CA 94568

**POTENTIOMETRIC MAP**  
Tosco (Unocal) Service Station No. 7376  
4191 First Street  
Pleasanton, California

JOB NUMBER  
180075

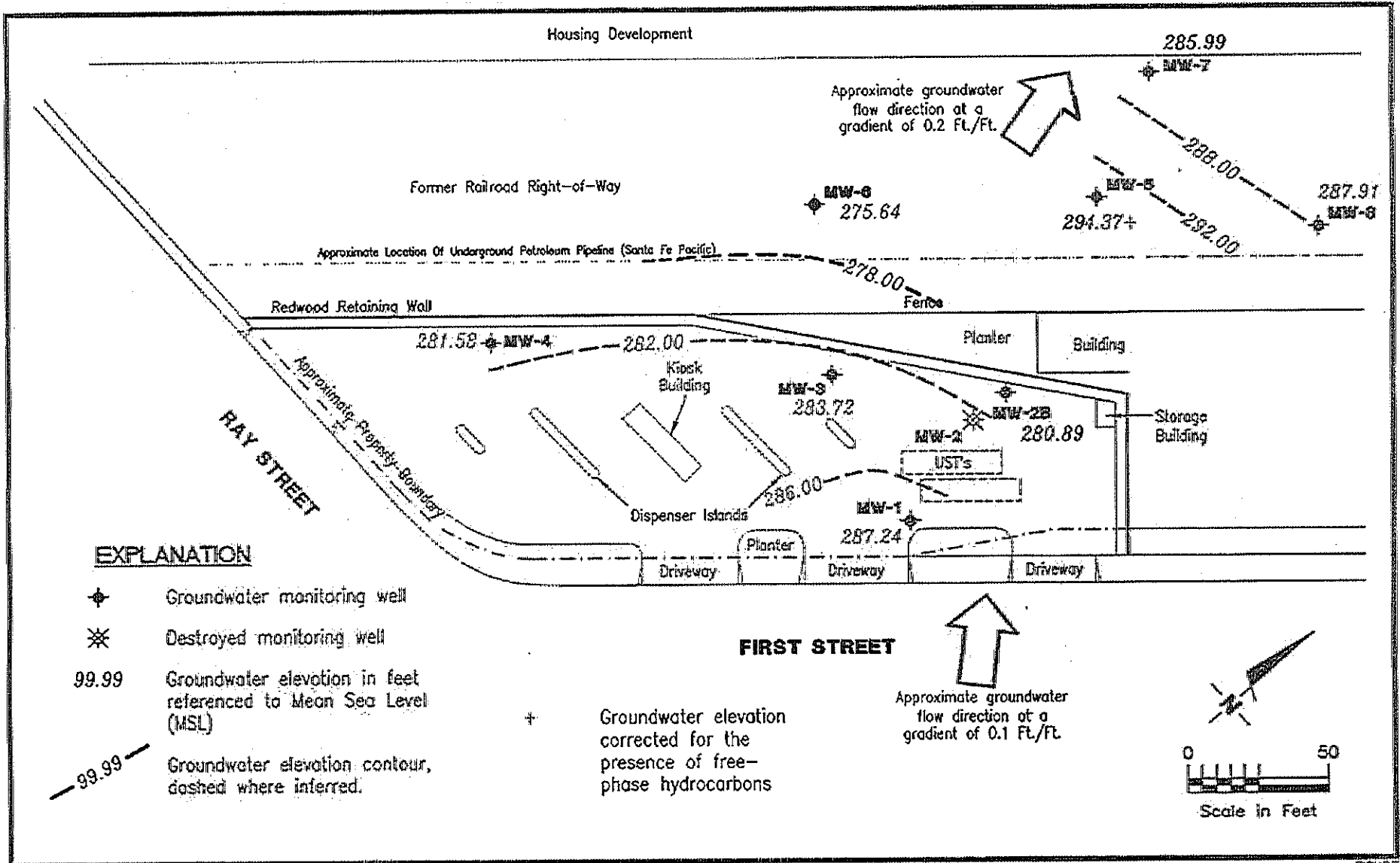
REVIEWED BY

DATE  
June 7, 1999

REVISED DATE

FIGURE 1



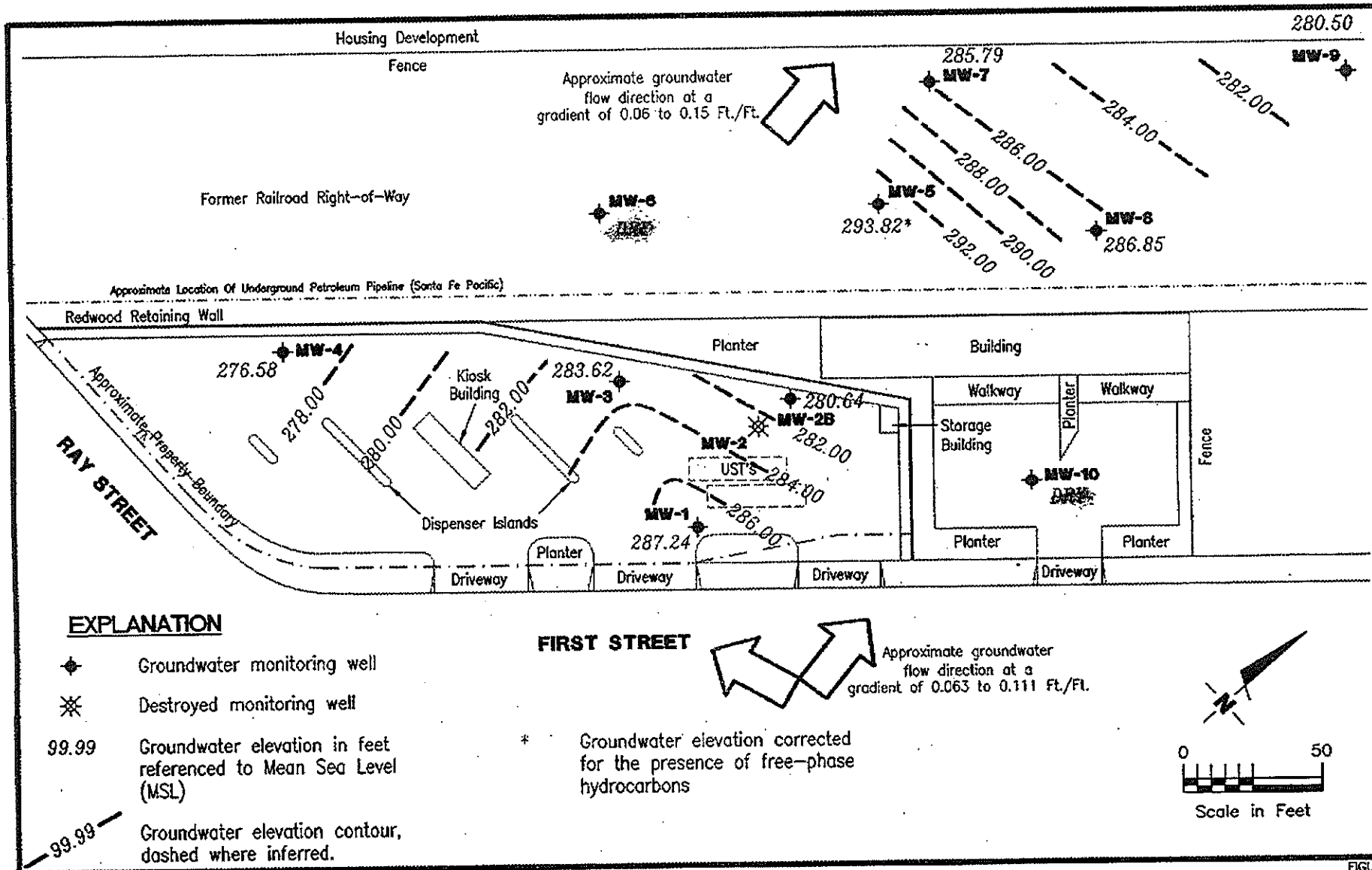


**Gottler - Ryan Inc.**  
 6747 Sierra Ct., Suite J (925) 551-7555  
 Dublin, CA 94568

**POTENTIOMETRIC MAP**  
 Tosco (Unocal) Service Station No. 7376  
 4191 First Street  
 Pleasanton, California

|                      |             |                           |              |
|----------------------|-------------|---------------------------|--------------|
| JOB NUMBER<br>180075 | REVIEWED BY | DATE<br>September 3, 1999 | REVISED DATE |
|----------------------|-------------|---------------------------|--------------|

FIGURE



FIGURE

1



**Gettler - Ryan Inc.**

6747 Sierra Ct., Suite J (925) 551-7555  
Dublin, CA 94568

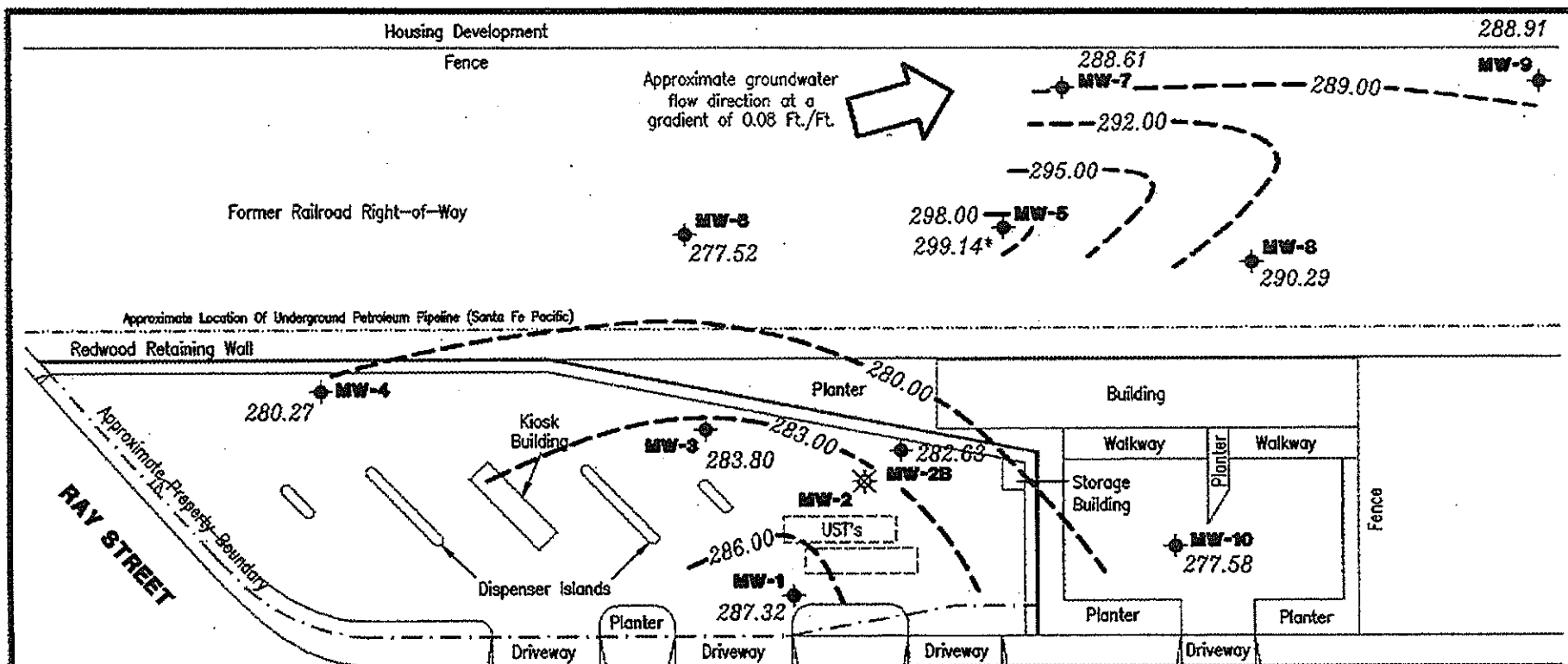
**POTENTIOMETRIC MAP**  
Tosco (Unocal) Service Station No. 7376  
4191 First Street  
Pleasanton, California

JOB NUMBER  
180075

REVIEWED BY

DATE  
December 6, 1999

REVISED DATE



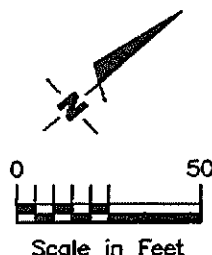
**EXPLANATION**

- ◆ Groundwater monitoring well
- ✱ Destroyed monitoring well
- 99.99 Groundwater elevation in feet referenced to Mean Sea Level (MSL)
- - - 99.99 Groundwater elevation contour, dashed where inferred.

**FIRST STREET**

- \* Groundwater elevation corrected for the presence of free-phase hydrocarbons

Approximate groundwater flow direction at a gradient of 0.06 to 0.10 FL/FL.



**Gettler - Ryan Inc.**

6747 Sierra Ct., Suite J (925) 551-7555  
Dublin, CA 94568

**POTENTIOMETRIC MAP**  
Tosco (Unocal) Service Station No. 7376  
4191 First Street  
Pleasanton, California

FIGURE

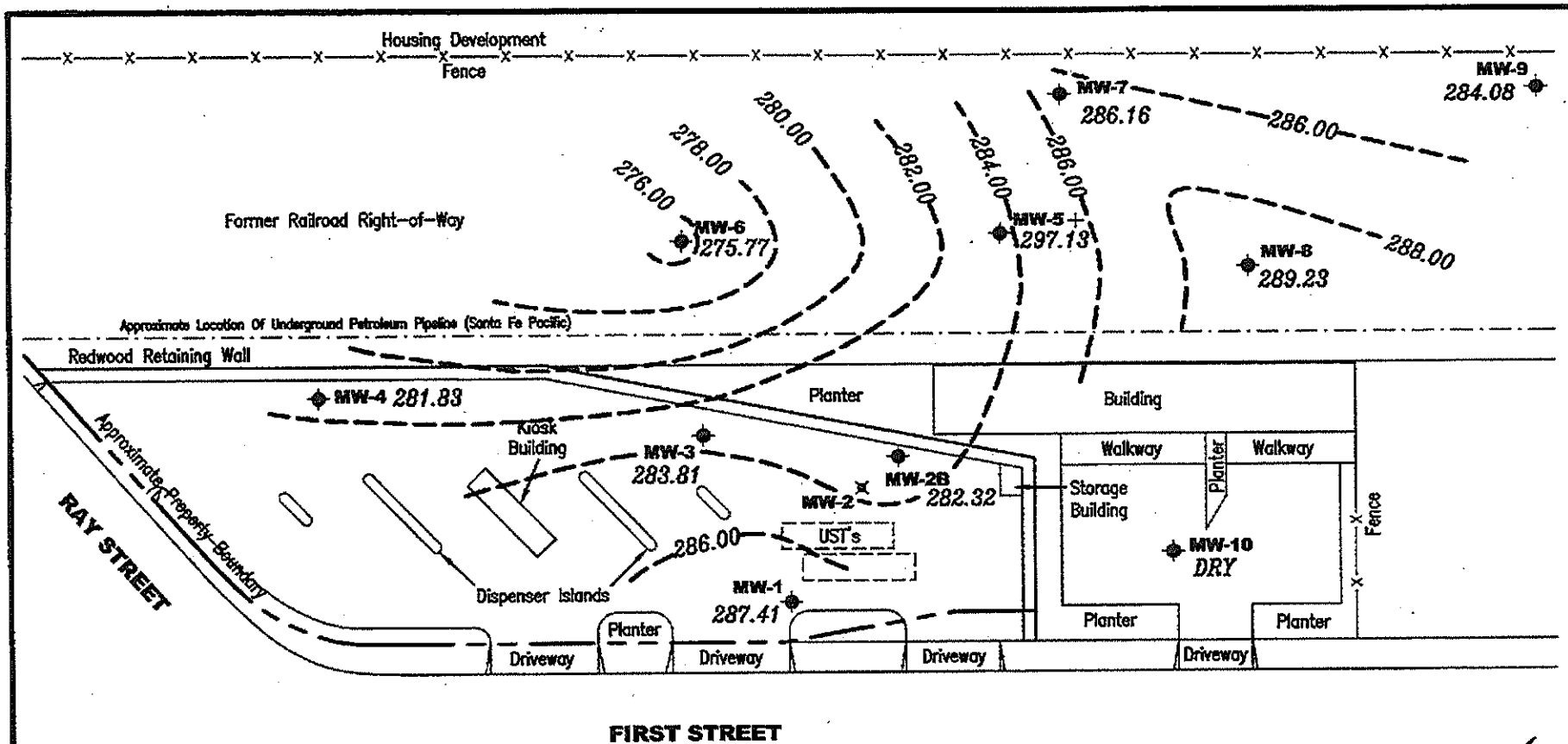
**1**

JOB NUMBER  
180075

REVIEWED BY

DATE  
March 10, 2000

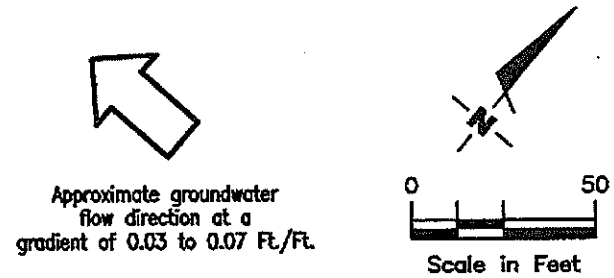
REVISED DATE



**EXPLANATION**

- ◆ Groundwater monitoring well
- × Abandoned well
- 99.99 Groundwater elevation in feet referenced to Mean Sea Level (MSL)

- - - 99.99 - - - Groundwater elevation contour, dashed where inferred.
- + Groundwater elevation corrected for the presence of free product



**Gettler - Ryan Inc.**  
 6747 Sierra Ct., Suite J  
 Dublin, CA 94568 (925) 551-7555

**POTENTIOMETRIC MAP**  
 Tosco (Unocal) Service Station #7376  
 4191 First Street  
 Pleasanton, California

FIGURE

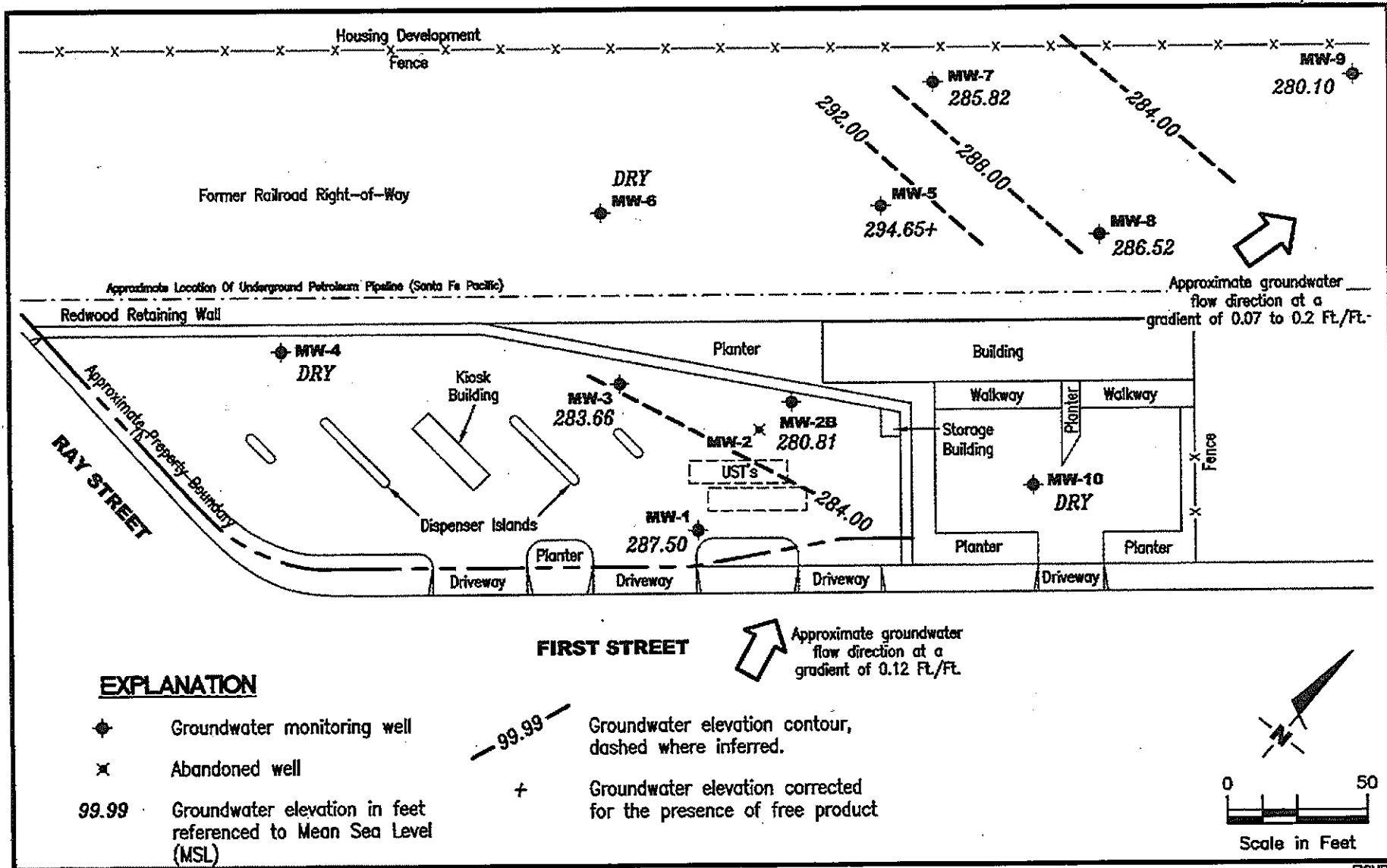
1

PROJECT NUMBER  
 180075

REVIEWED BY

DATE  
 June 8, 2000

REVISED DATE



**Gertler - Ryan Inc.**

6747 Sierra Ct., Suite J  
Dublin, CA 94568 (925) 551-7555

**POTENTIOMETRIC MAP**

Tosco (Unocal) Service Station #7376  
4191 First Street  
Pleasanton, California

FIGURE

1

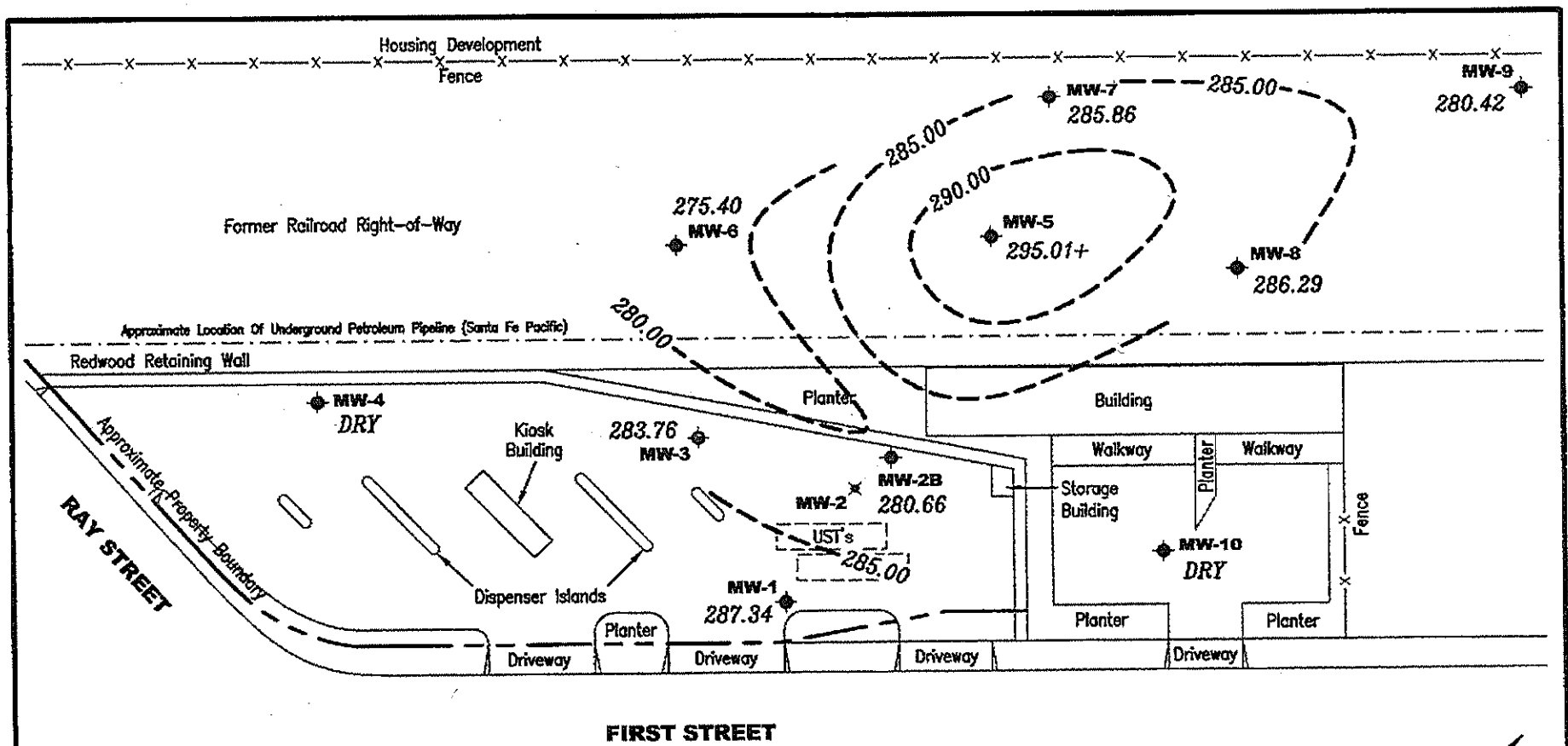
PROJECT NUMBER  
180075

REVIEWED BY

DATE

September 25, 2000

REVISED DATE

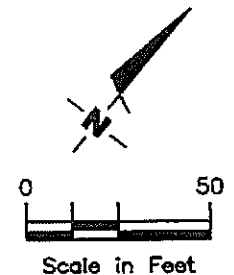


**EXPLANATION**

- ◆ Groundwater monitoring well
- × Abandoned well
- 99.99 Groundwater elevation in feet referenced to Mean Sea Level (MSL)

- - - 99.99 - - - Groundwater elevation contour, dashed where inferred.
- + Groundwater elevation corrected for the presence of free product

Groundwater flow direction varies at a gradient of 0.08 to 0.3 FT./FT.



**GETTLER - RYAN INC.**  
 6747 Sierra Ct., Suite J  
 Dublin, CA 94568 (925) 551-7555

**POTENTIOMETRIC MAP**  
 Tosco (Unocal) Service Station #7376  
 4191 First Street  
 Pleasanton, California

FIGURE  
**1**

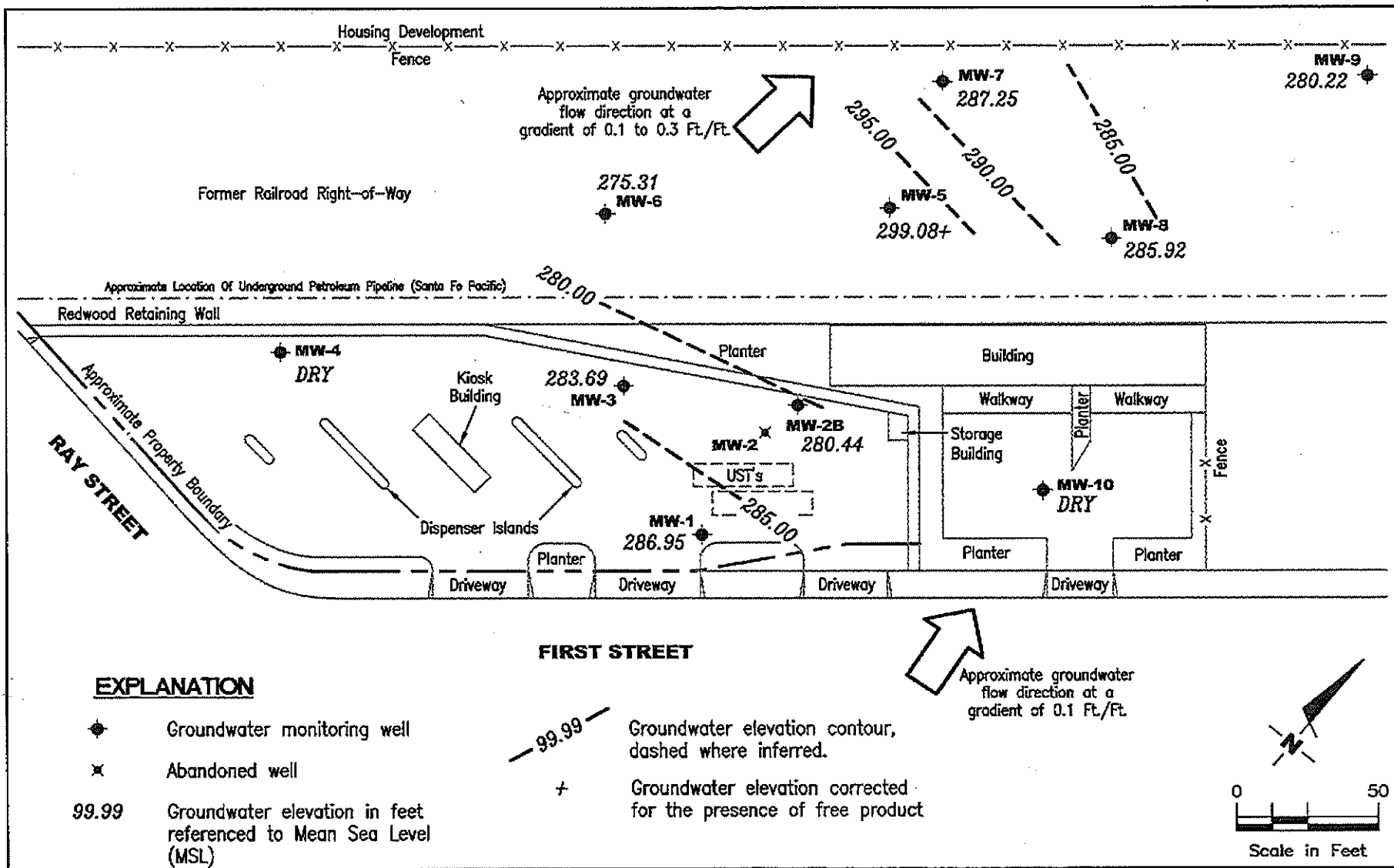
PROJECT NUMBER  
 180075

REVIEWED BY

DATE

September 15, 2000

REVISED DATE



**GETTLER - RYAN INC.**  
 6747 Sierra Ct., Suite J  
 Dublin, CA 94568 (925) 551-7555

**POTENTIOMETRIC MAP**  
 Tosco (Unocal) Service Station #7376  
 4191 First Street  
 Pleasanton, California

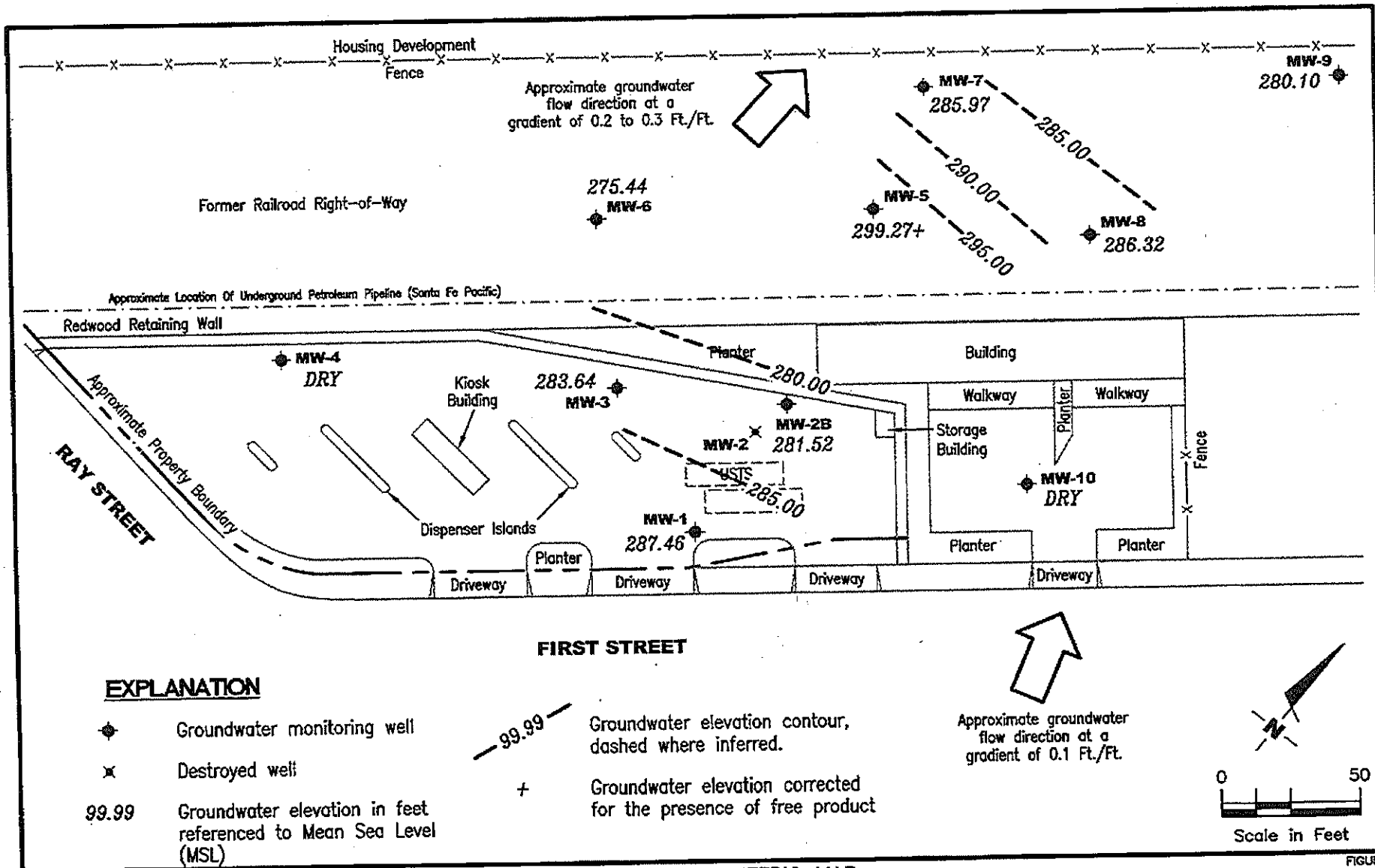
FIGURE  
**1**

PROJECT NUMBER  
**180075**

REVIEWED BY

DATE  
 March 5, 2001

REVISED DATE



**GETTLER - RYAN INC.**  
 6747 Sierra Ct., Suite J  
 Dublin, CA 94568 (925) 551-7555

**POTENTIOMETRIC MAP**  
 Tosco (Unocal) Service Station #7376  
 4191 First Street  
 Pleasanton, California

FIGURE

1

PROJECT NUMBER  
 180075

REVIEWED BY

DATE  
 June 14, 2001

REVISED DATE

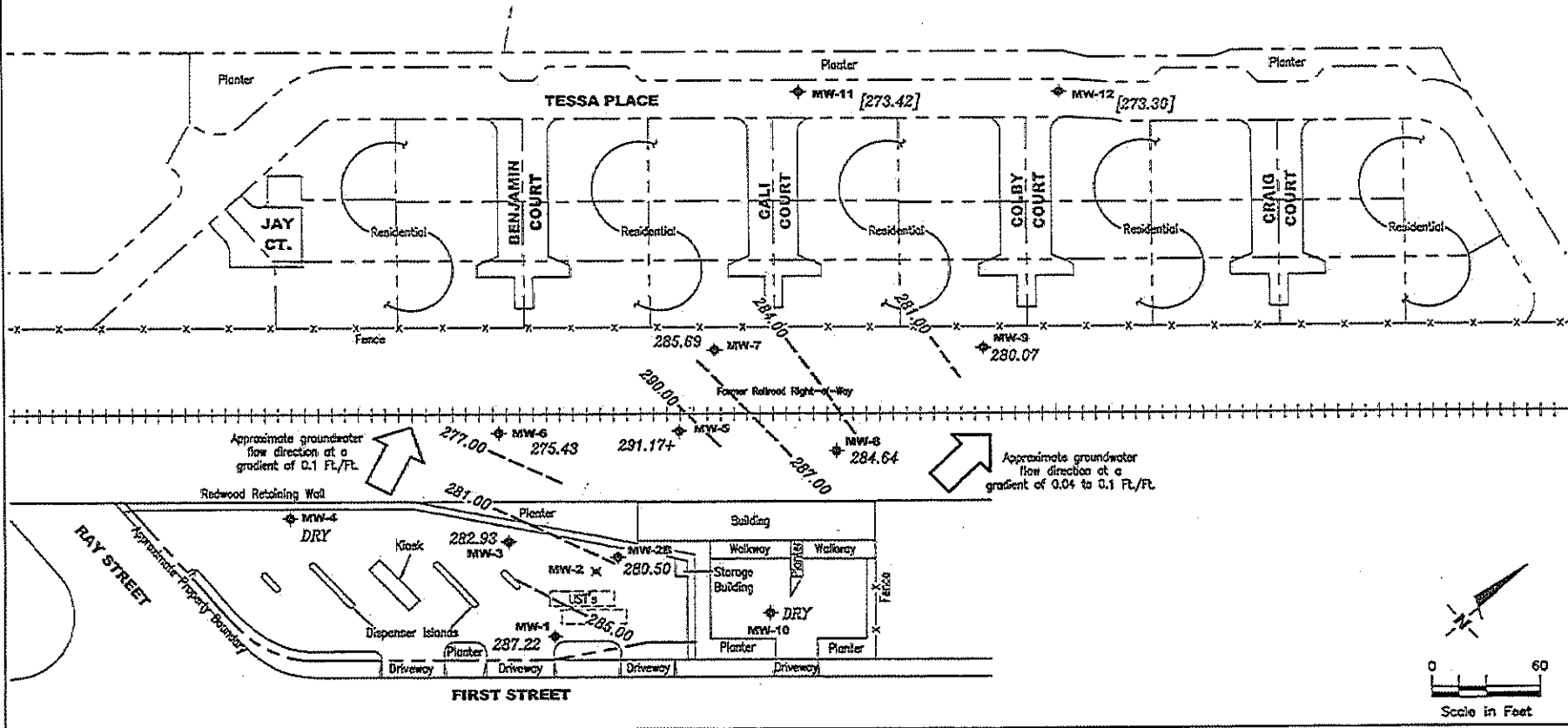
FILE NAME: P:\ENVIRO\TOSCO\7376\001-7376.DWG | Layout Tab: Pot2



**EXPLANATION**

- ◆ Groundwater monitoring well
- × Abandoned well
- 99.99 Groundwater elevation in feet referenced to Mean Sea Level (MSL)
- 99.99 Groundwater elevation contour, dashed where inferred
- + Groundwater elevation corrected for the presence of free product

[99.99] Monitored on 09/25/01, not used in contouring



FOOT

1

POTENTIOMETRIC MAP  
 Tosco (Unocal) Service Station #7376  
 4191 First Street  
 Pico Canyon, California

**GETTLER - RYAN INC.**  
 8717 Santa Fe Suite J  
 Buena, CA 92623 (925) 551-7555

PROJECT NUMBER: 180075  
 REVISIONS: 1  
 DATE: September 17, 2001  
 REVISION DATE: [blank]



**EXPLANATION**

- ⊕ Groundwater monitoring well
- × Abandoned well
- 99.99 Groundwater elevation in feet referenced to Mean Sea Level
- - - 99.99 - - - Groundwater elevation contour, dashed where inferred
- ⊠ Inaccessible
- ~ Groundwater elevation corrected for the presence of free product

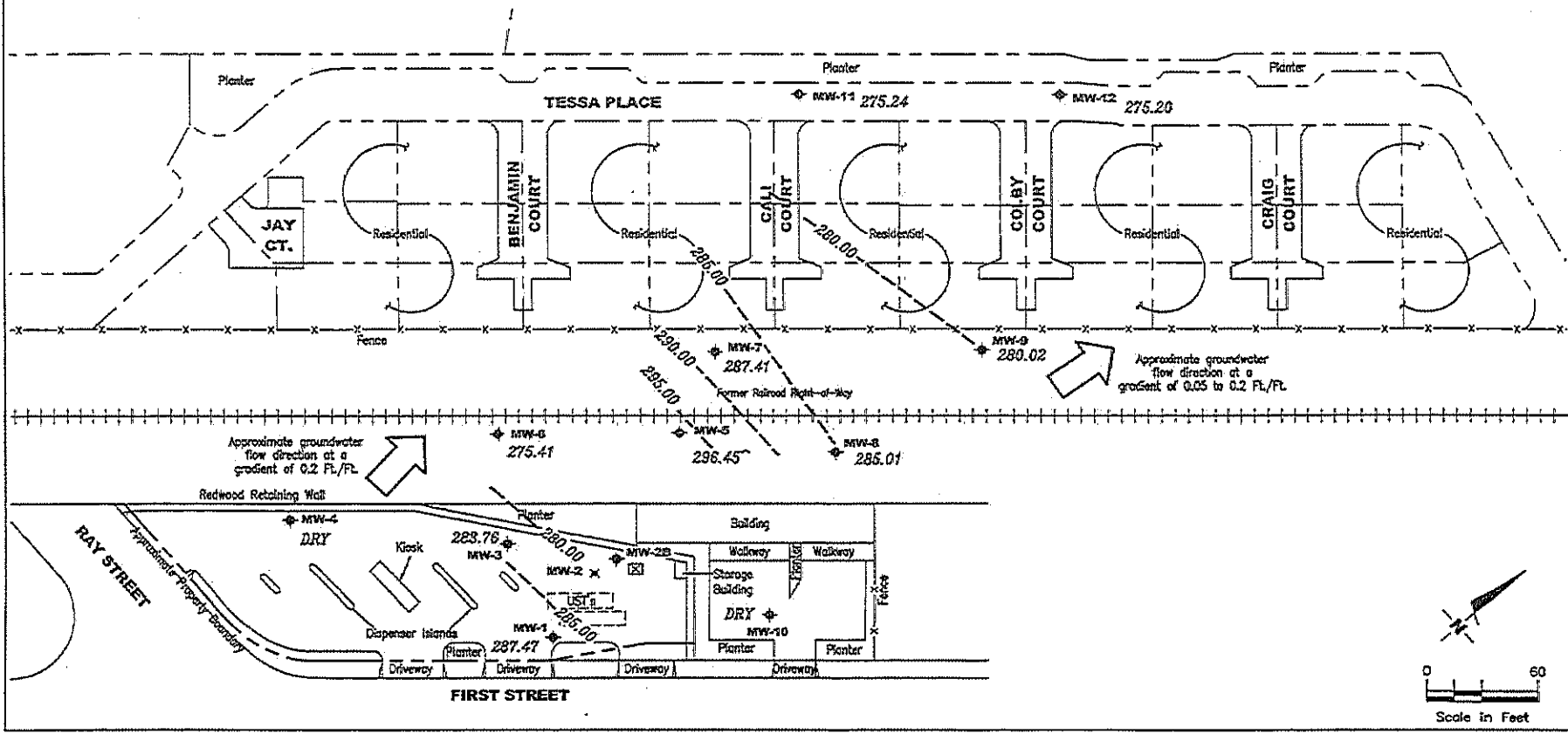


FIGURE 1

**POTENTIOMETRIC MAP**  
 Tosco (Unocal) Service Station #7376  
 4191 First Street  
 Pleasanton, California

DATE: March 15, 2002  
 REVISION DATE:

**GETTLER - RYAN INC.**  
 6717 Santa Ct. Suite J  
 Dublin, CA 94568 (925) 591-7555

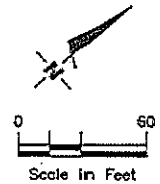
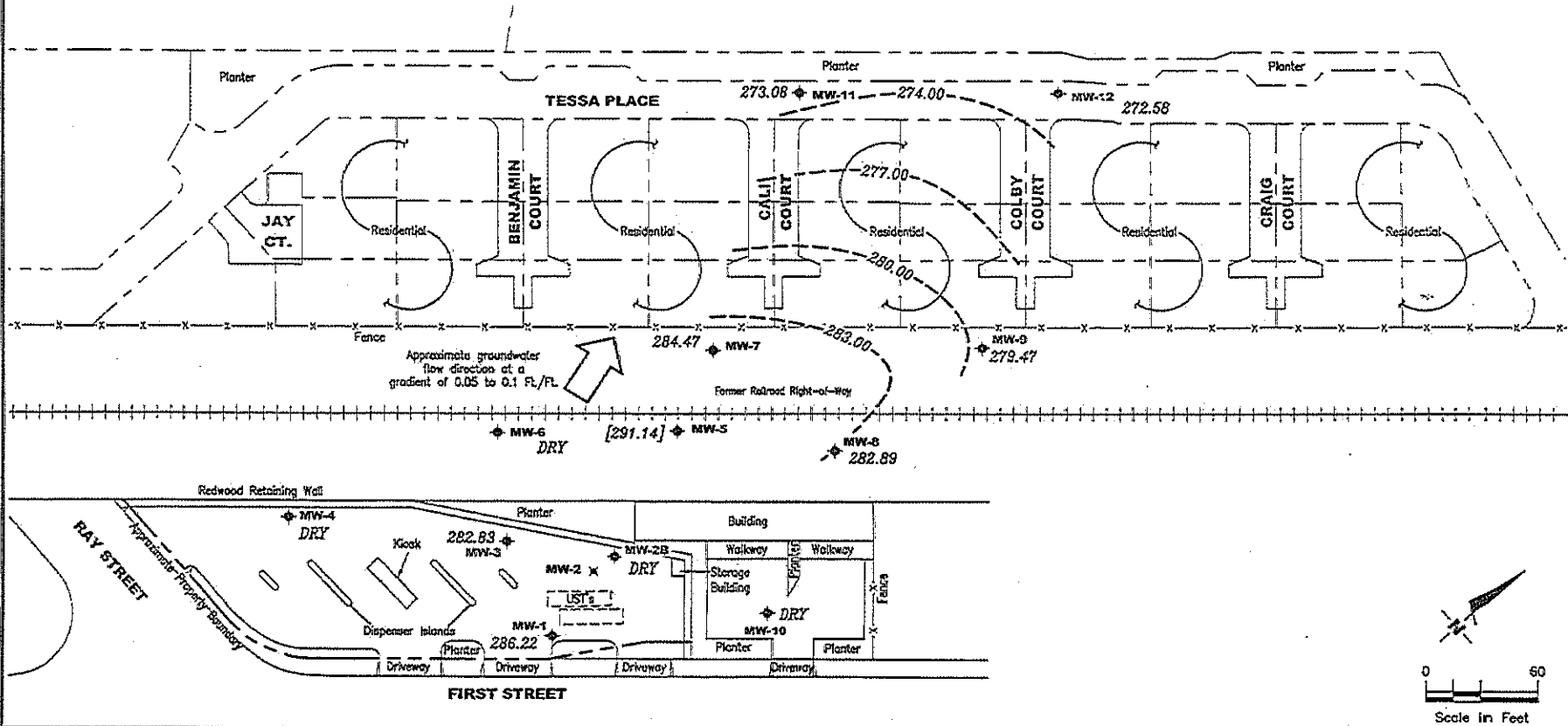
PROJECT NUMBER: 180075  
 FILE NAME: F:\Area\6700\180075\180075\_1.psd (6/1/02)

REVIEWED BY:



**EXPLANATION**

- ◆ Groundwater monitoring well
- × Abandoned well
- 99.99 Groundwater elevation in feet referenced to Mean Sea Level
- 99.99- Groundwater elevation contour, dashed where inferred
- [99.99] Not used in contouring



FIGURE

1

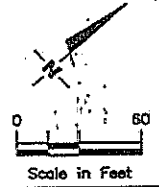
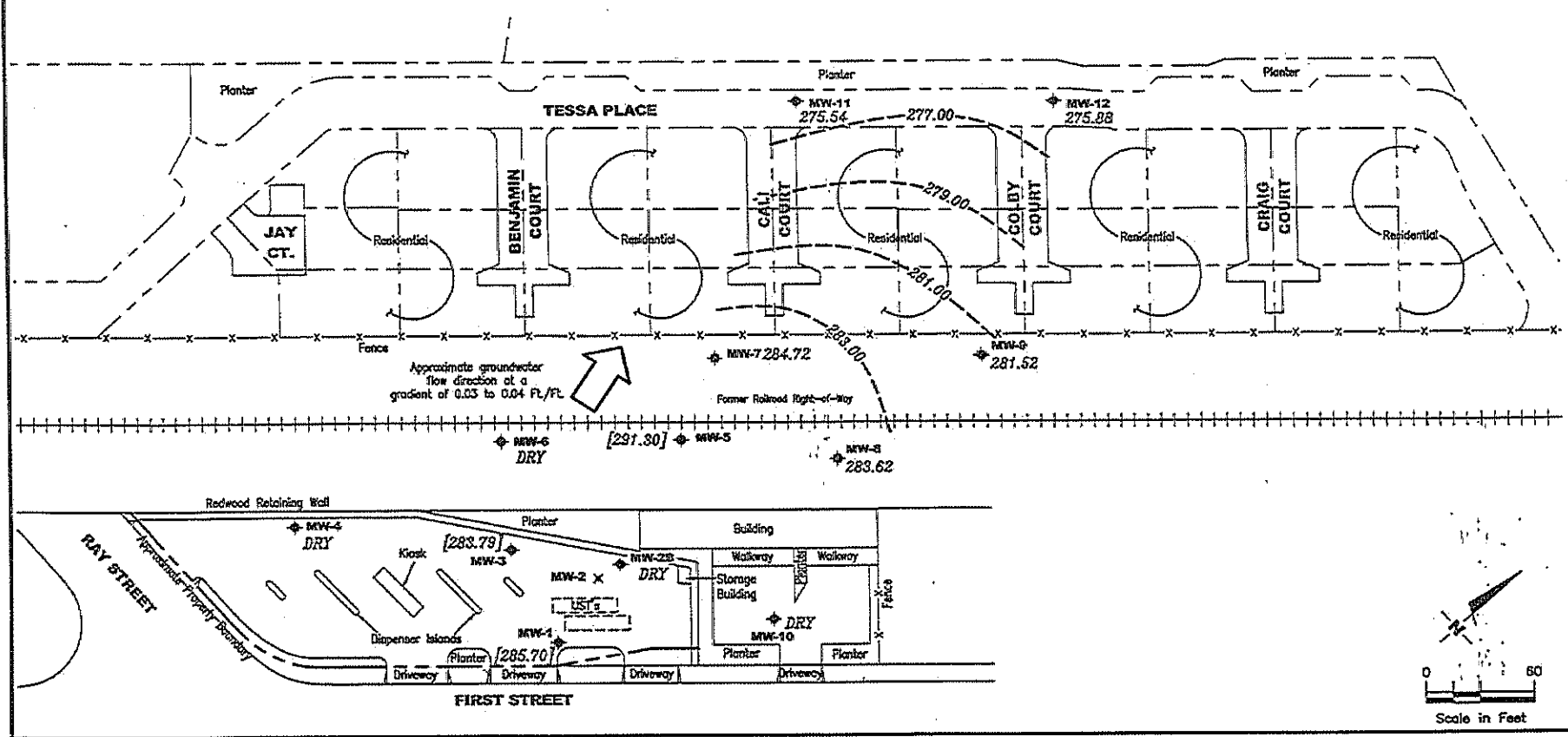
POTENTIOMETRIC MAP  
Tosco (Unocal) Service Station #7376  
4191 First Street  
Pleasanton, California

**GETTLER - RYAN INC.**  
6717 Serrano Ct., Suite 1  
Dublin, CA 94568 (916) 551-7555

PROJECT NUMBER 180075  
DATE REVISED BY  
DATE REVISED DATE  
September 27, 2002

**EXPLANATION**

- ◆ Groundwater monitoring well
- × Abandoned well
- 99.99 Groundwater elevation in feet referenced to Mean Sea Level
- 99.99- Groundwater elevation contour, dashed where inferred
- [99.99] Not used in contouring



**EXPLANATION**

- ◆ Groundwater monitoring well
- × Abandoned well
- 99.99 Groundwater elevation in feet referenced to Mean Sea Level
- - - 99.99 Groundwater elevation contour, dashed where inferred
- [99.99] Not used in contouring - Insufficient water
- ^ Groundwater elevation corrected for the presence of free product

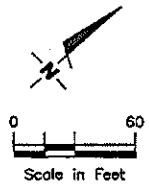
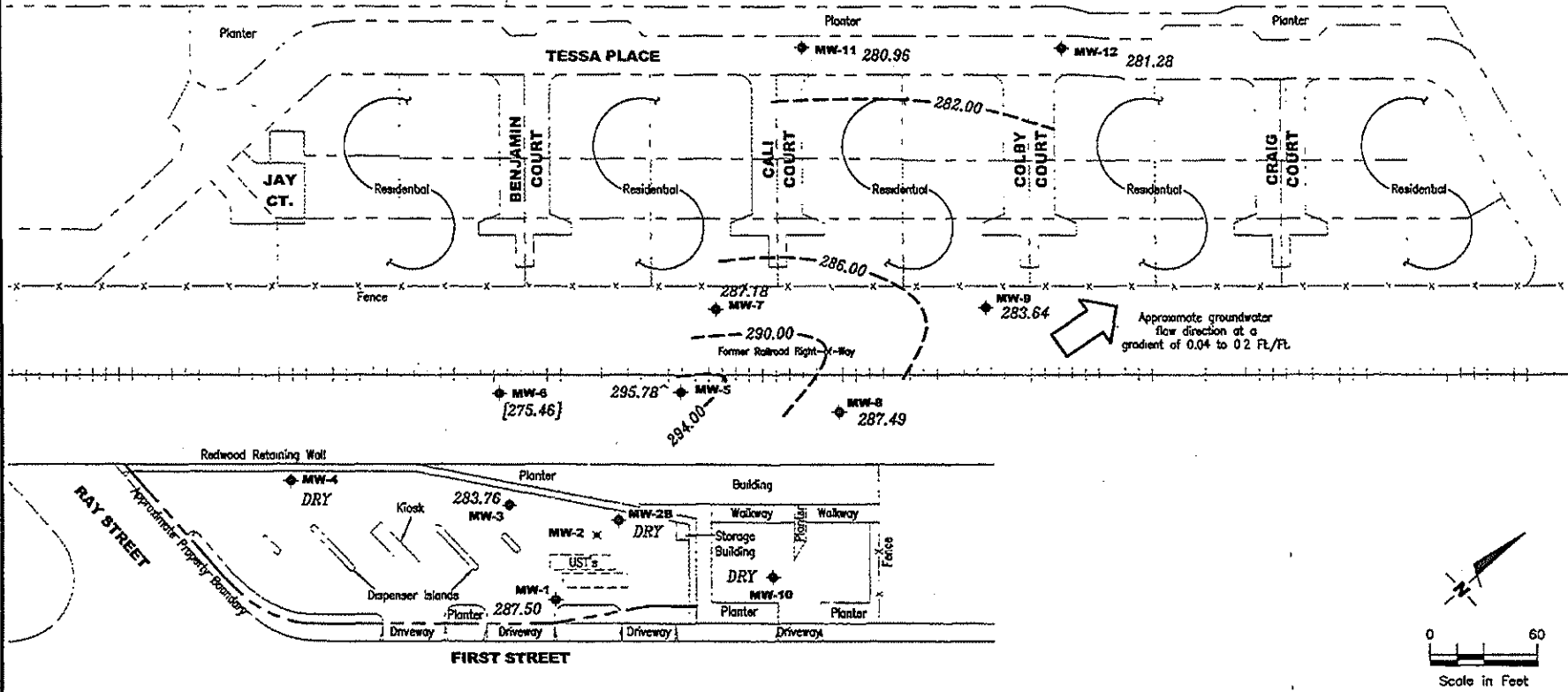


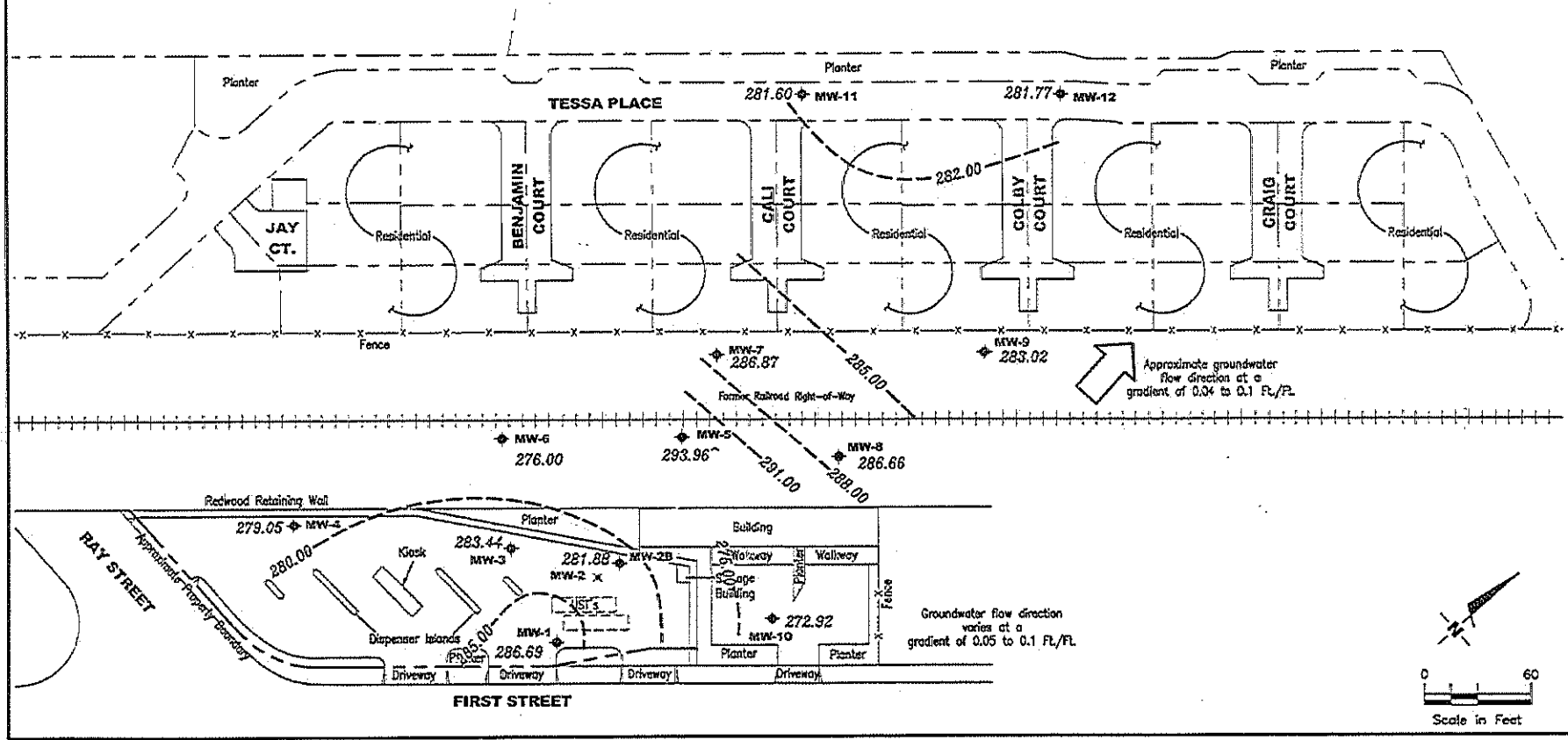
FIGURE 1  
**POTENTIOMETRIC MAP**  
 Tosco (Unocal) Service Station #7376  
 4191 First Street  
 Pleasanton, California  
 DATE: March 26, 2003  
 REVISIONS: 180075  
 FILE NAME: V:\enviro\030303\030303\_030303\_1.dwg  
 PROJECT NUMBER: 180075  
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 CHECKED BY: [illegible]  
 REVIEWED BY: [illegible]  
 DATE: [illegible]  
 REVISION DATE: [illegible]

**GETTLER - RYAN INC.**  
 8717 Santa Fe, Suite J  
 Bala, CA 94588  
 (925) 551-7555

A=60

**EXPLANATION**

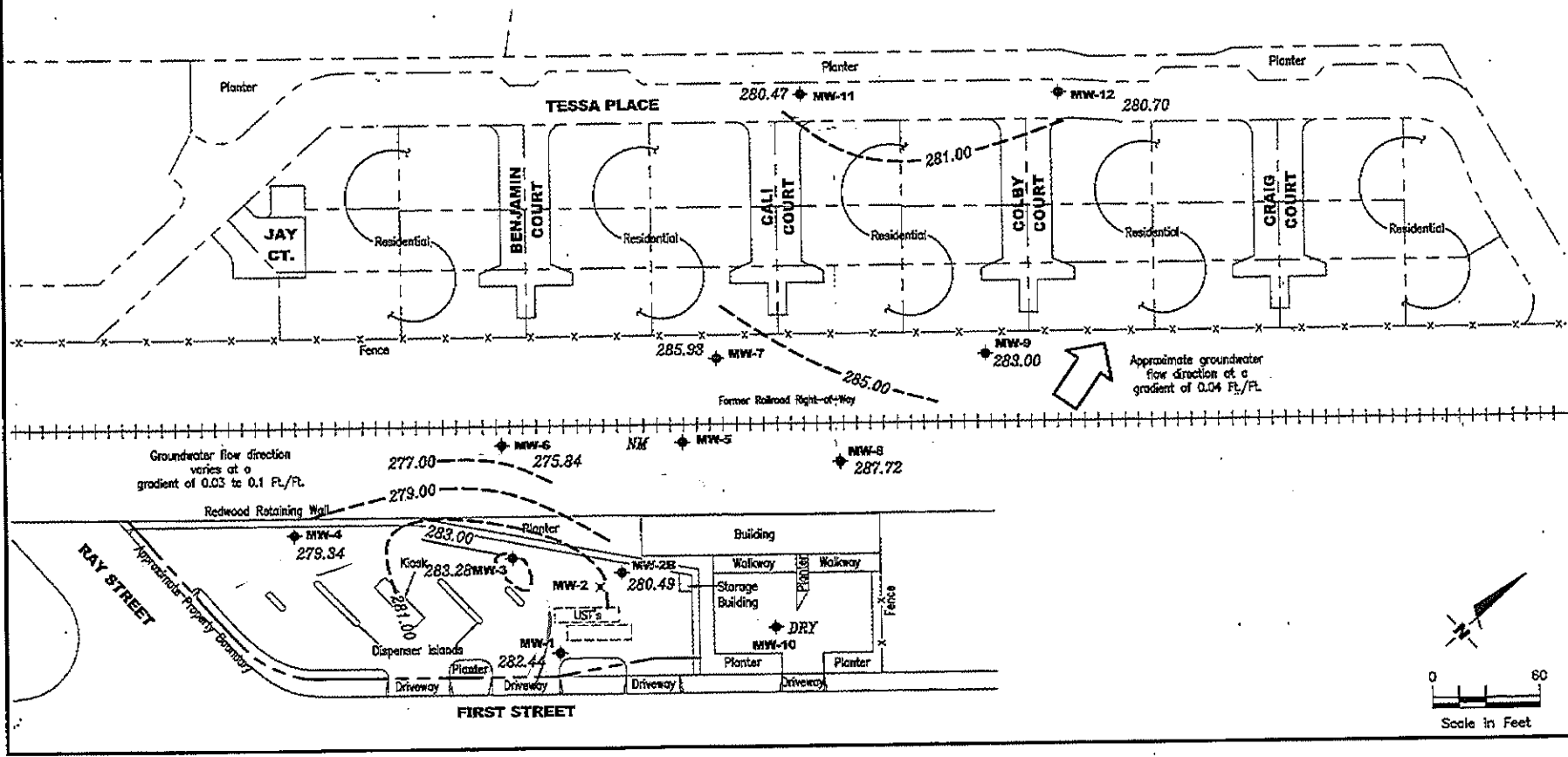
- ◆ Groundwater monitoring well
- × Abandoned well
- 99.99 Groundwater elevation in feet referenced to Mean Sea Level
- - - 99.99 Groundwater elevation contour, dashed where inferred
- ^ Groundwater elevation corrected for the presence of free product





**EXPLANATION**

- ◆ Groundwater monitoring well
- × Abandoned well
- 99.99 Groundwater elevation in feet referenced to Mean Sea Level
- - - 99.99 Groundwater elevation contour, dashed where inferred
- NM Not Measurable

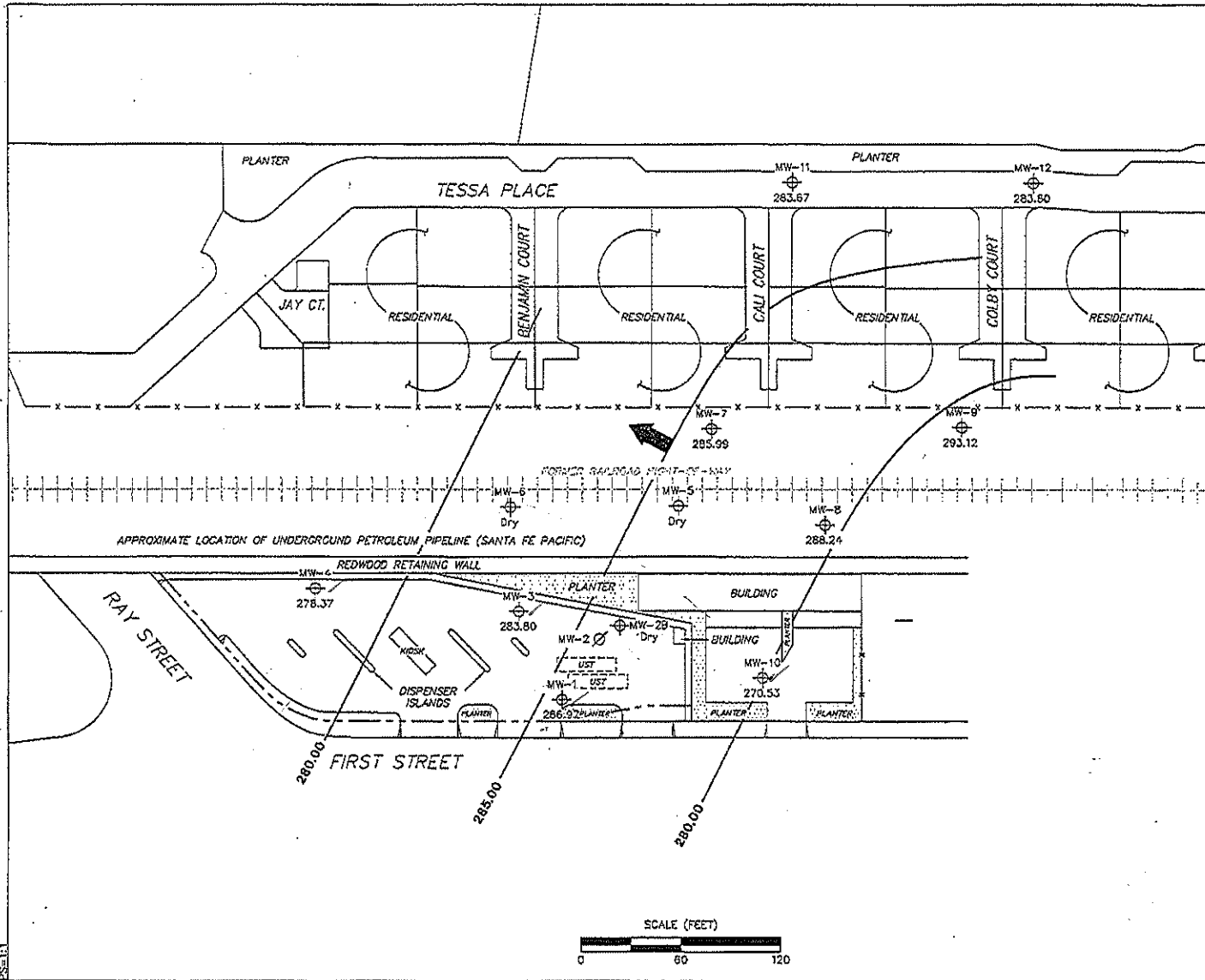


**POTENTIOMETRIC MAP**  
 Tosco (Unocal) Service Station #7376  
 4191 First Street  
 Pleasanton, California

**GETTLER - RYAN INC.**  
 5747 Sierra Ct., Suite J  
 Dublin, CA 94568 (925) 851-7555

PROJECT NUMBER: 180075  
 REVIEWED BY:  
 DATE: September 9, 2003  
 REVISION DATE:

FILE NAME: P:\MAPPING\GROUNDELEV\180075\180075\_1.dwg



**LEGEND**

- MW-12 Monitoring Well with Groundwater Elevation (feet)
- MW-2 Abandoned well
- 291.00 Groundwater Elevation Contour
- General Direction of Groundwater Flow

**NOTES**

Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. UST = underground storage tank.

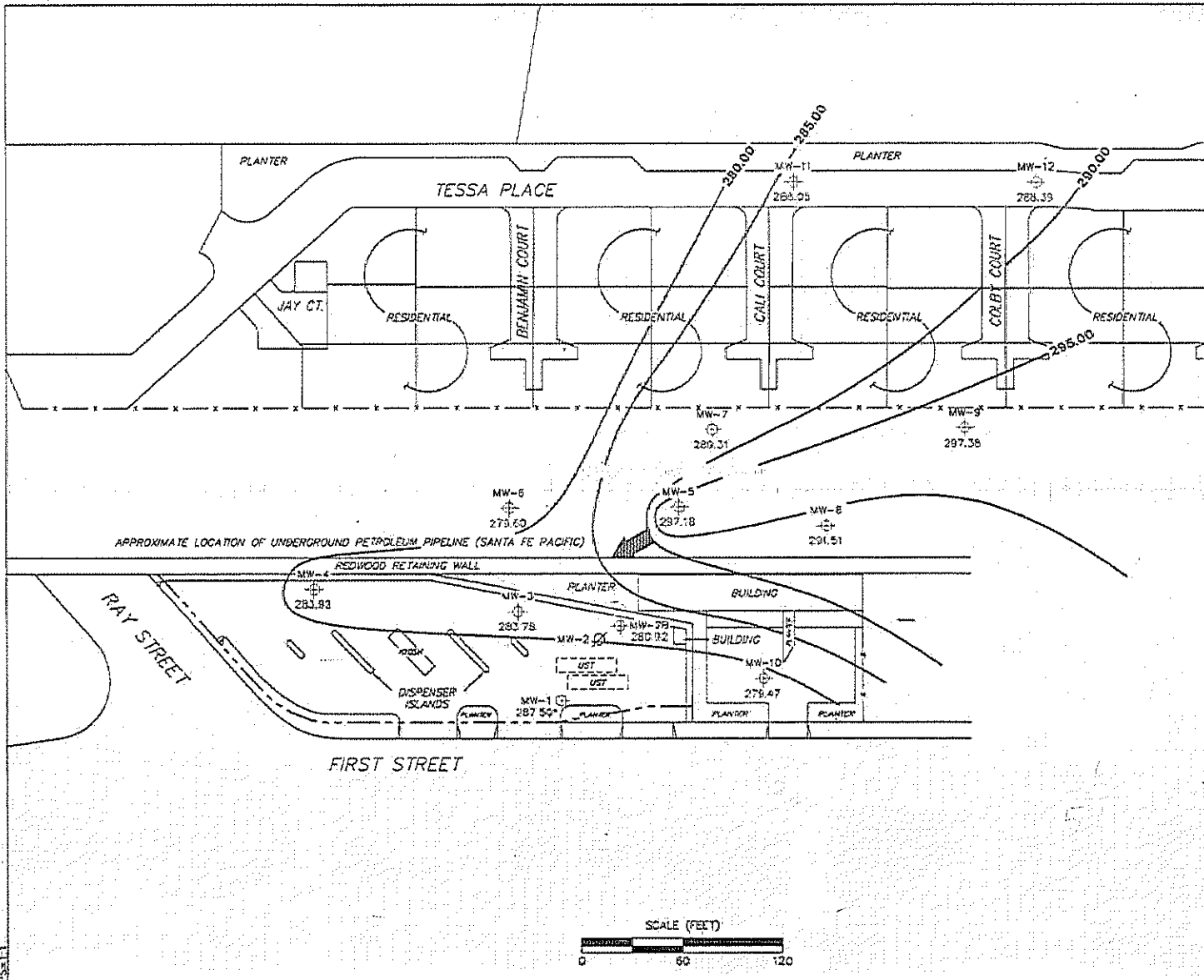
**GROUNDWATER ELEVATION  
CONTOUR MAP**  
December 10, 2003

76 Station 7376  
4191 First Street  
Pleasanton, California

**TRC** **FIGURE 2**

Graphics on H:\G:\GRAPHICS\Projects Bys. \20-xxxx\20-0400\7376+.dwg 1/10/04 GME

Elev. 385



**LEGEND**

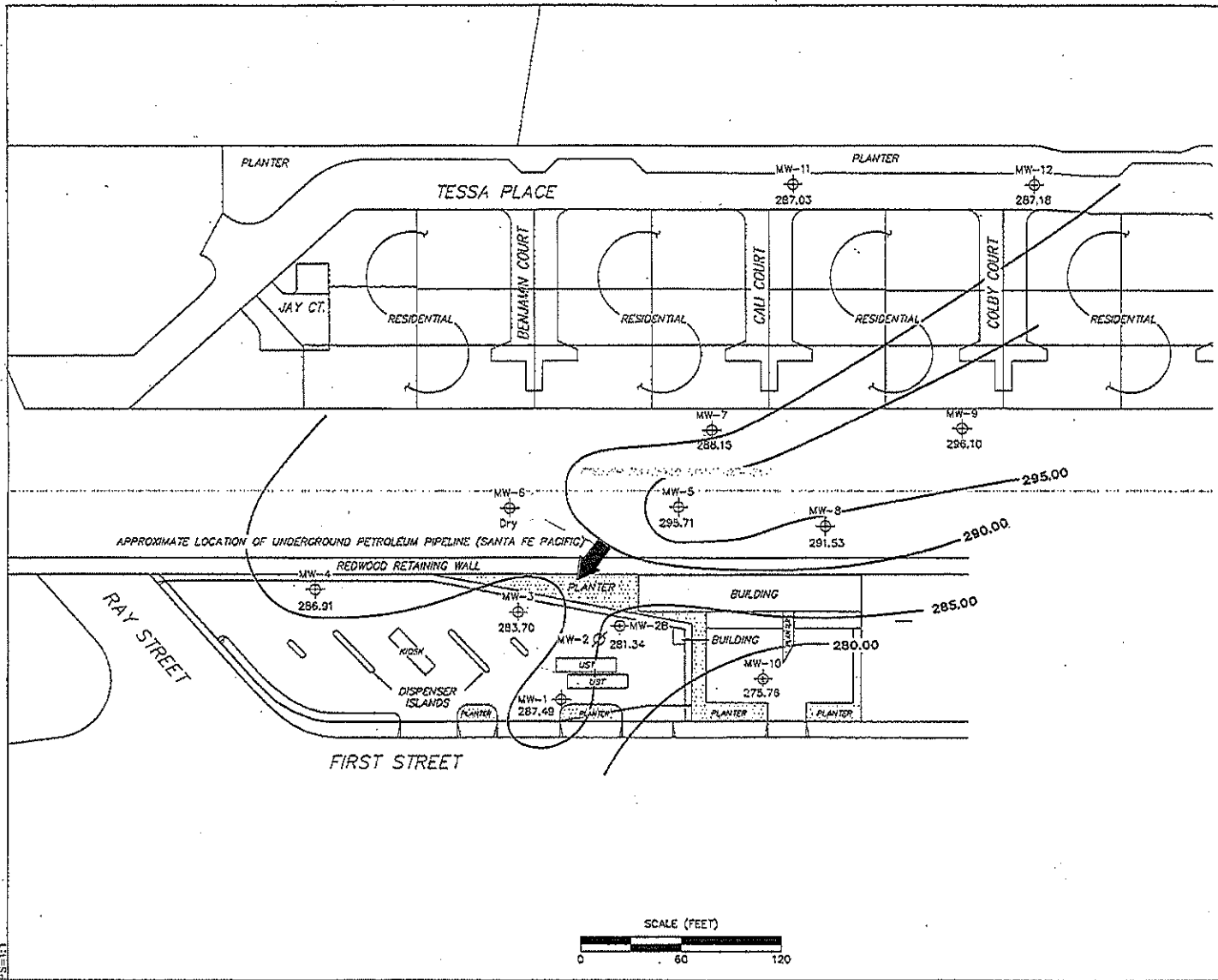
- MW-12 Monitoring Well with Groundwater Elevation (feet)
- MW-2 Abandoned well
- 295.00 Groundwater Elevation Contour
- General Direction of Groundwater Flow

**NOTES:**  
 Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. UST = underground storage tank. \* not included in groundwater contour interpretation.

**GROUNDWATER ELEVATION  
 CONTOUR MAP**  
 March 9, 2004

76 Station 7376  
 4191 First Street  
 Pleasanton, California

**TRC** **FIGURE 2**



**LEGEND**

- MW-12 ⊕ Monitoring Well with Groundwater Elevation (feet)
- MW-2 ⊘ Abandoned well
- 295.00 — Groundwater Elevation Contour
- ➔ General Direction of Groundwater Flow

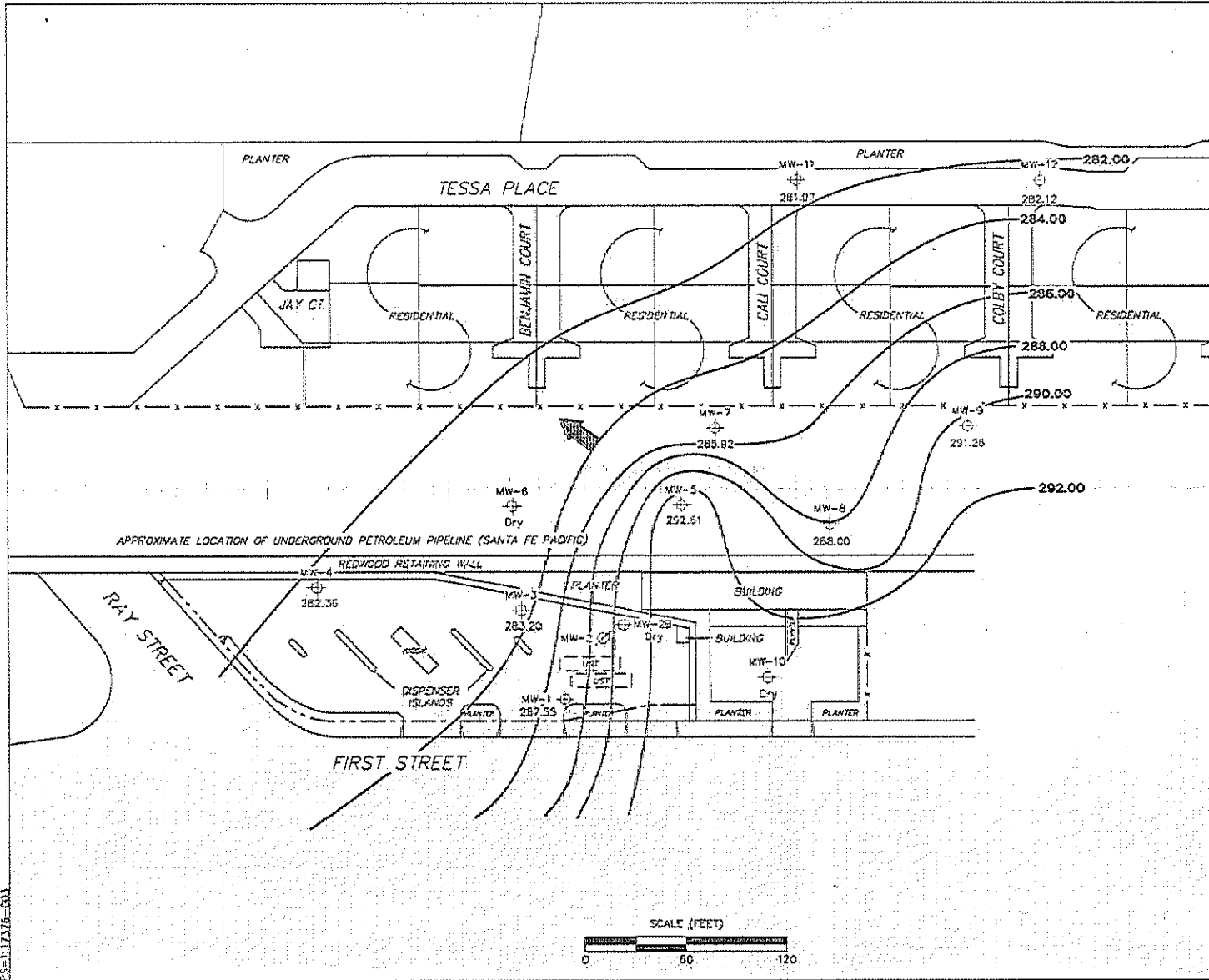
**NOTES:**  
 Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. UST = underground storage tank.

**GROUNDWATER ELEVATION CONTOUR MAP**  
 June 21, 2004

76 Station 7376  
 4191 First Street  
 Pleasanton, California

**TRC** **FIGURE 2**

Graphics on I:\(G:\GRAPHICS\Projects By... \20-xxxx\20-0400\7376+.dwg 7/21/04 rbs



**LEGEND**

- MW-12 Monitoring Well with Groundwater Elevation (feet)
- MW-2 Abandoned well
- 292.00 Groundwater Elevation Contour
- General Direction of Groundwater Flow

**NOTES:**  
 Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. UST = underground storage tank.

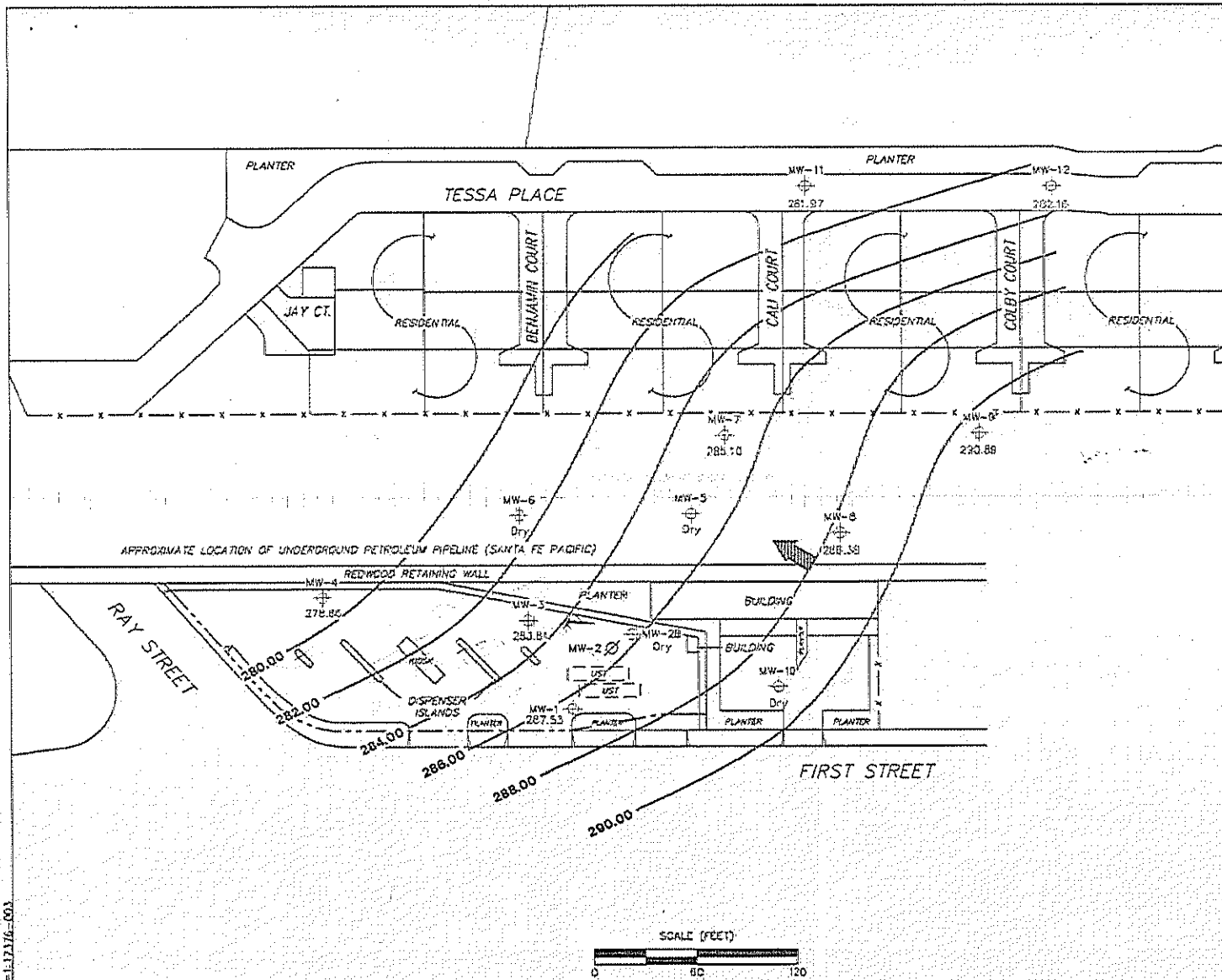
**GROUNDWATER ELEVATION  
 CONTOUR MAP**  
 September 8, 2004

76 Station 7376  
 4191 First Street  
 Pleasanton, California

**TRC** **FIGURE 2**

Graphics on In(r:\GRAPHICS\Projects By...\20-xxxx\20-0400\7376+.dwg 9/27/04 dw

PS-17376-031



**LEGEND**

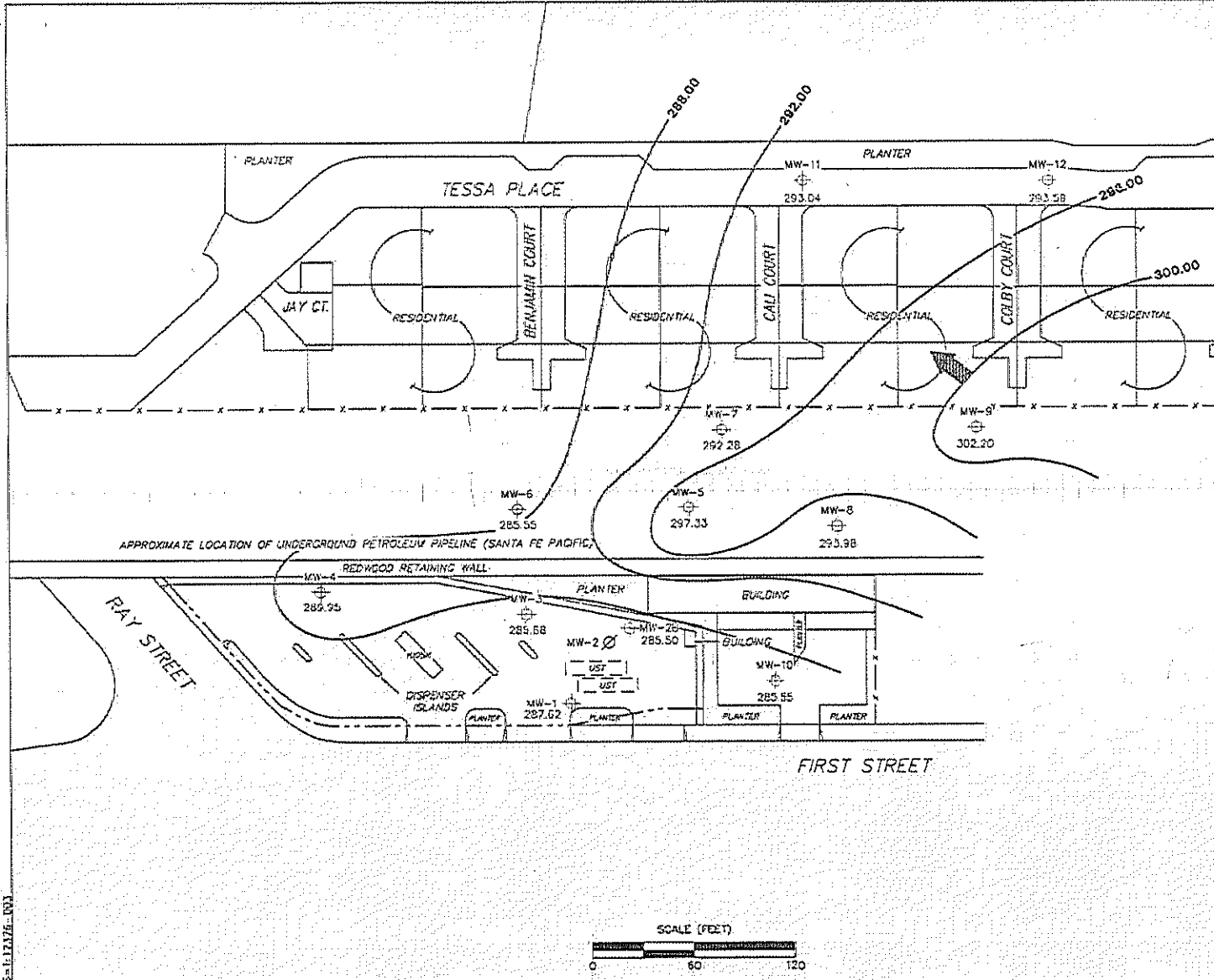
- MW-12 Monitoring Well with Groundwater Elevation (feet)
- MW-2 Abandoned well
- 280.00 Groundwater Elevation Contour
- General Direction of Groundwater Flow

**NOTES:**  
 Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. UST = underground storage tank.

**GROUNDWATER ELEVATION CONTOUR MAP**  
 December 14, 2004

76 Station 7375  
 4191 First Street  
 Pleasanton, California

**TRC** **FIGURE 2**



**LEGEND**

- MW-12 Monitoring Well with Groundwater Elevation (feet)
- MW-2 Abandoned well
- 300.00 Groundwater Elevation Contour
- General Direction of Groundwater Flow

**NOTES**

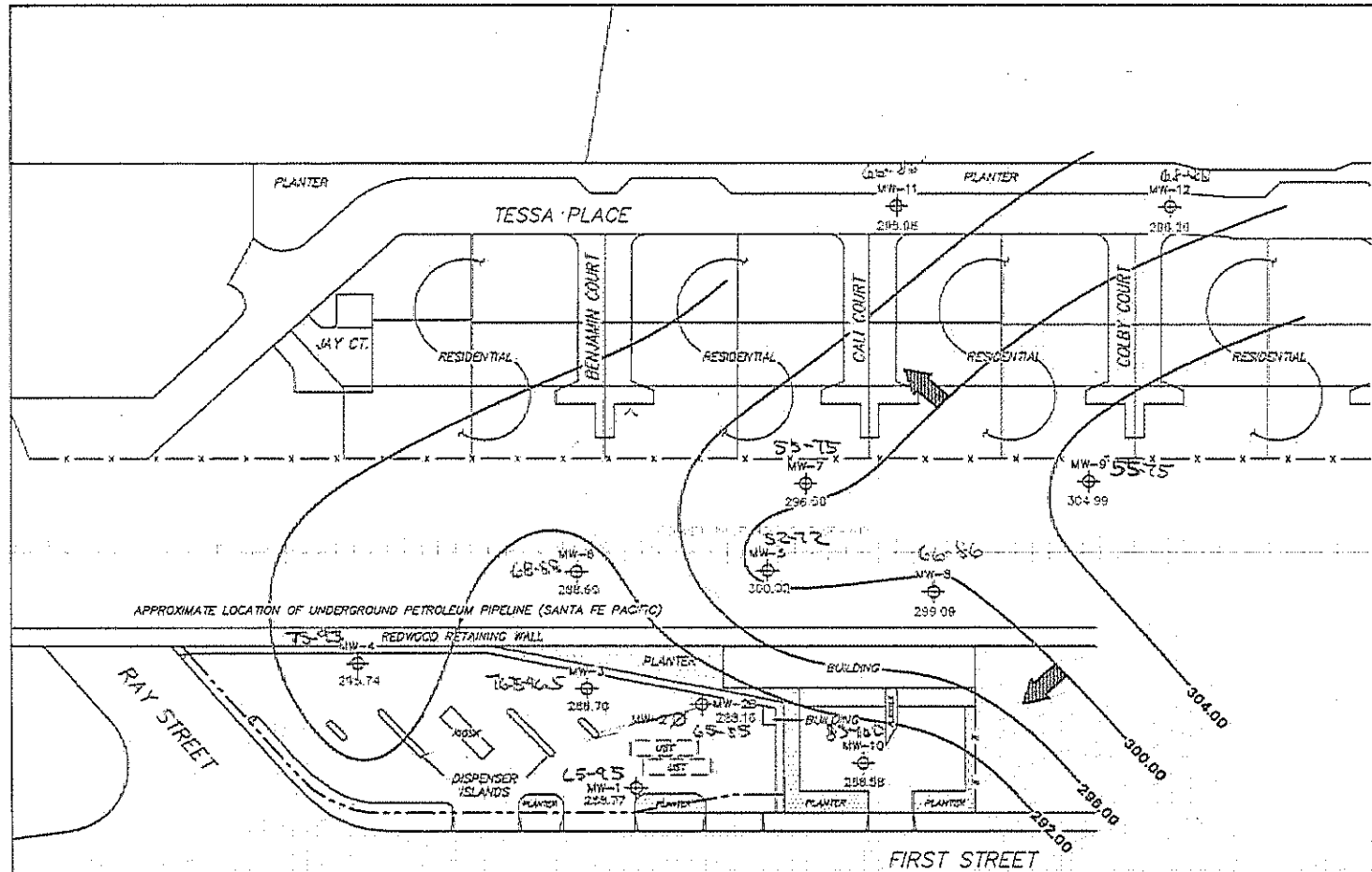
Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. UST = underground storage tank.

**GROUNDWATER ELEVATION  
CONTOUR MAP  
March 17, 2005**

76 Station 7376  
4191 First Street  
Pleasanton, California

**TRC** **FIGURE 2**

P:\S-112176-001



**LEGEND**

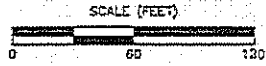
- MW-12 Monitoring Well with Groundwater Elevation (feet)
- MW-2 Abandoned well
- 304.00 Groundwater Elevation Contour
- General Direction of Groundwater Flow

**NOTES:**  
 Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. UST = underground storage tank.

**GROUNDWATER ELEVATION  
 CONTOUR MAP**  
 June 15, 2005

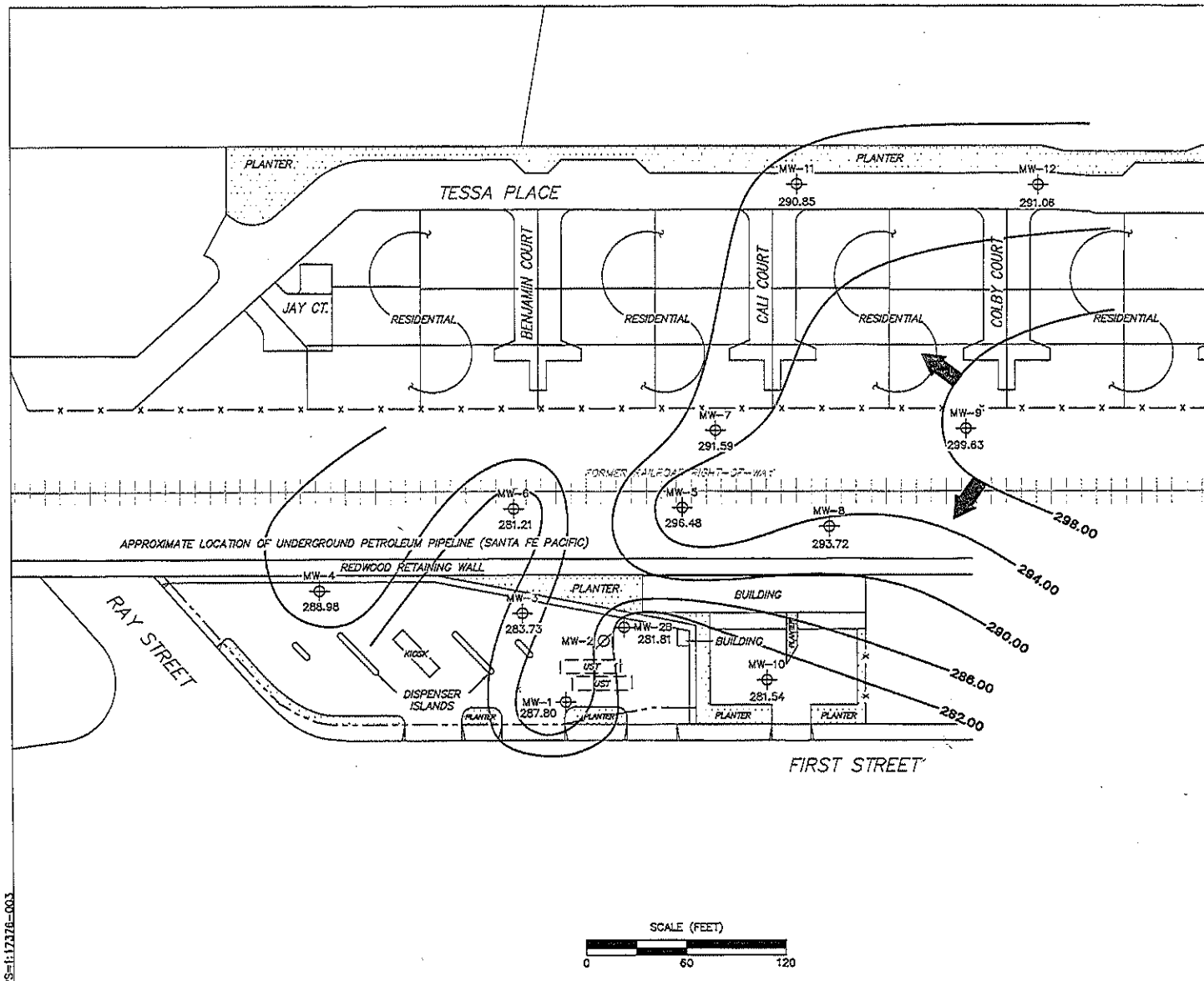
75 Station 7376  
 4191 First Street  
 Pleasanton, California

**TRC** **FIGURE 2**



75 Station 7376 - 001





**LEGEND**

- MW-12 Monitoring Well with Groundwater Elevation (feet)
- MW-2 Abandoned well
- 298.00 Groundwater Elevation Contour
- General Direction of Groundwater Flow

**NOTES:**  
 Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. UST = underground storage tank.

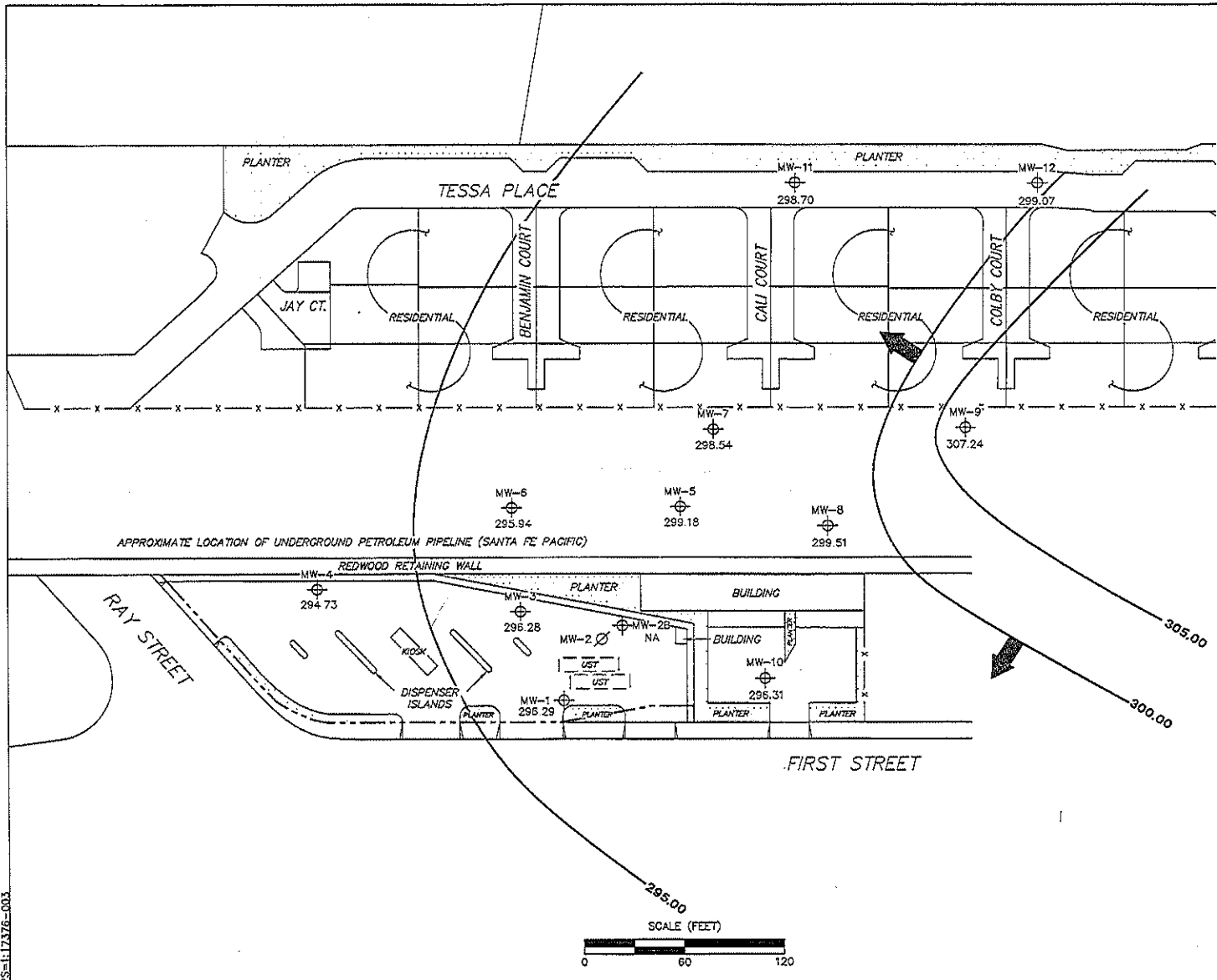
**GROUNDWATER ELEVATION  
 CONTOUR MAP  
 September 20, 2005**

76 Station 7376  
 4191 First Street  
 Pleasanton, California



**FIGURE 2**

PS=1:17376-003



**LEGEND**

- MW-12 ⊕ Monitoring Well with Groundwater Elevation (feet)
- MW-2 ⊘ Abandoned well
- 305.00 — Groundwater Elevation Contour
- ➔ General Direction of Groundwater Flow

**NOTES:**  
 Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. NA = not analyzed, measured, or collected. UST = underground storage tank.

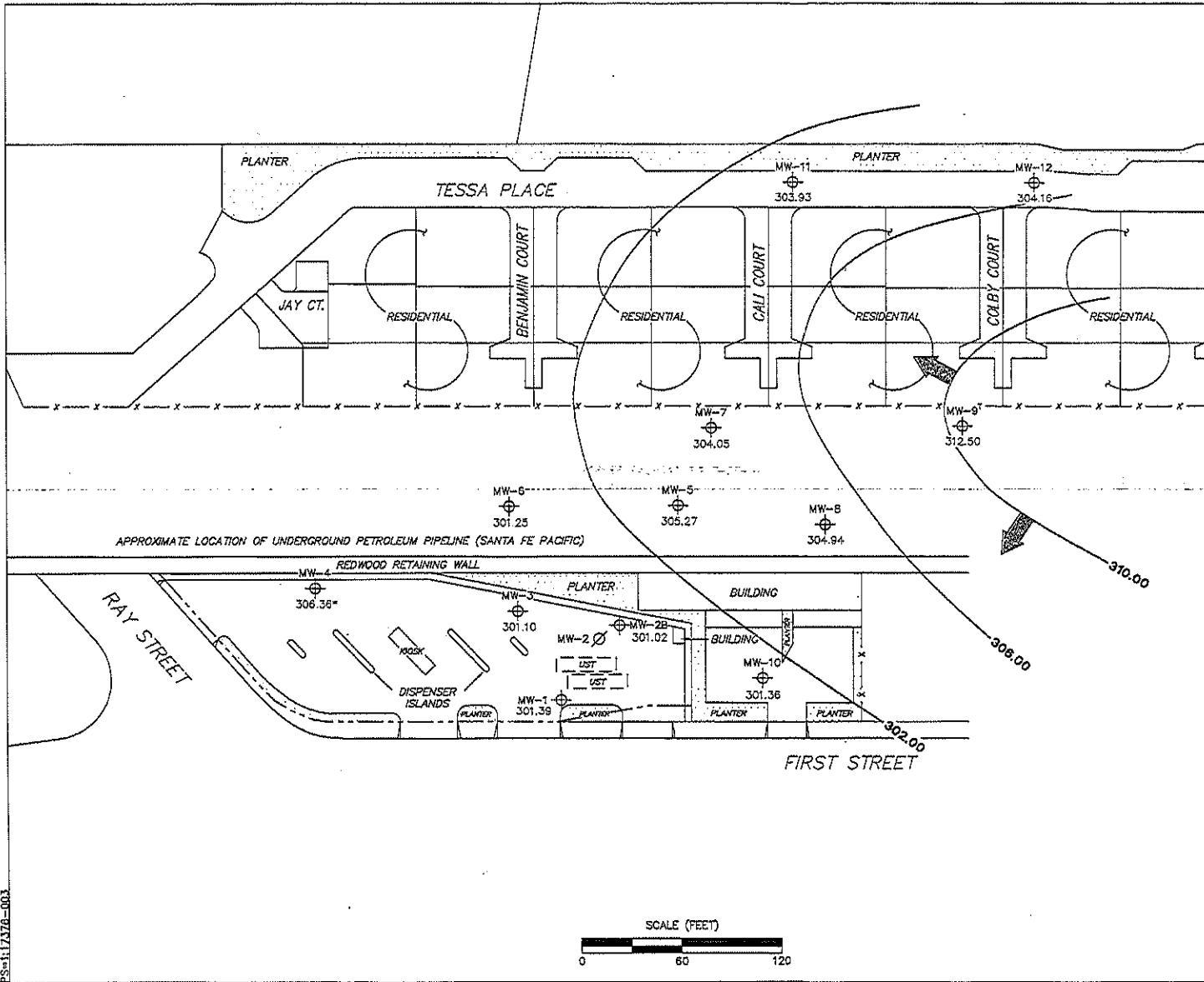
**GROUNDWATER ELEVATION  
 CONTOUR MAP  
 December 29, 2005**

76 Station 7376  
 4191 First Street  
 Pleasanton, California



**FIGURE 2**

PS-1-17376-003



**LEGEND**

- MW-12 Monitoring Well with Groundwater Elevation (feet)
- MW-2 Abandoned well
- 310.00 Groundwater Elevation Contour
- General Direction of Groundwater Flow

**NOTES:**  
 Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. UST = underground storage tank. \* = not included in groundwater contour interpretation.

**GROUNDWATER ELEVATION CONTOUR MAP**  
 March 15, 2006

76 Station 7376  
 4191 First Street  
 Pleasanton, California

**TRC** **FIGURE 2**

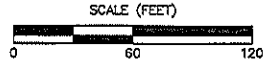
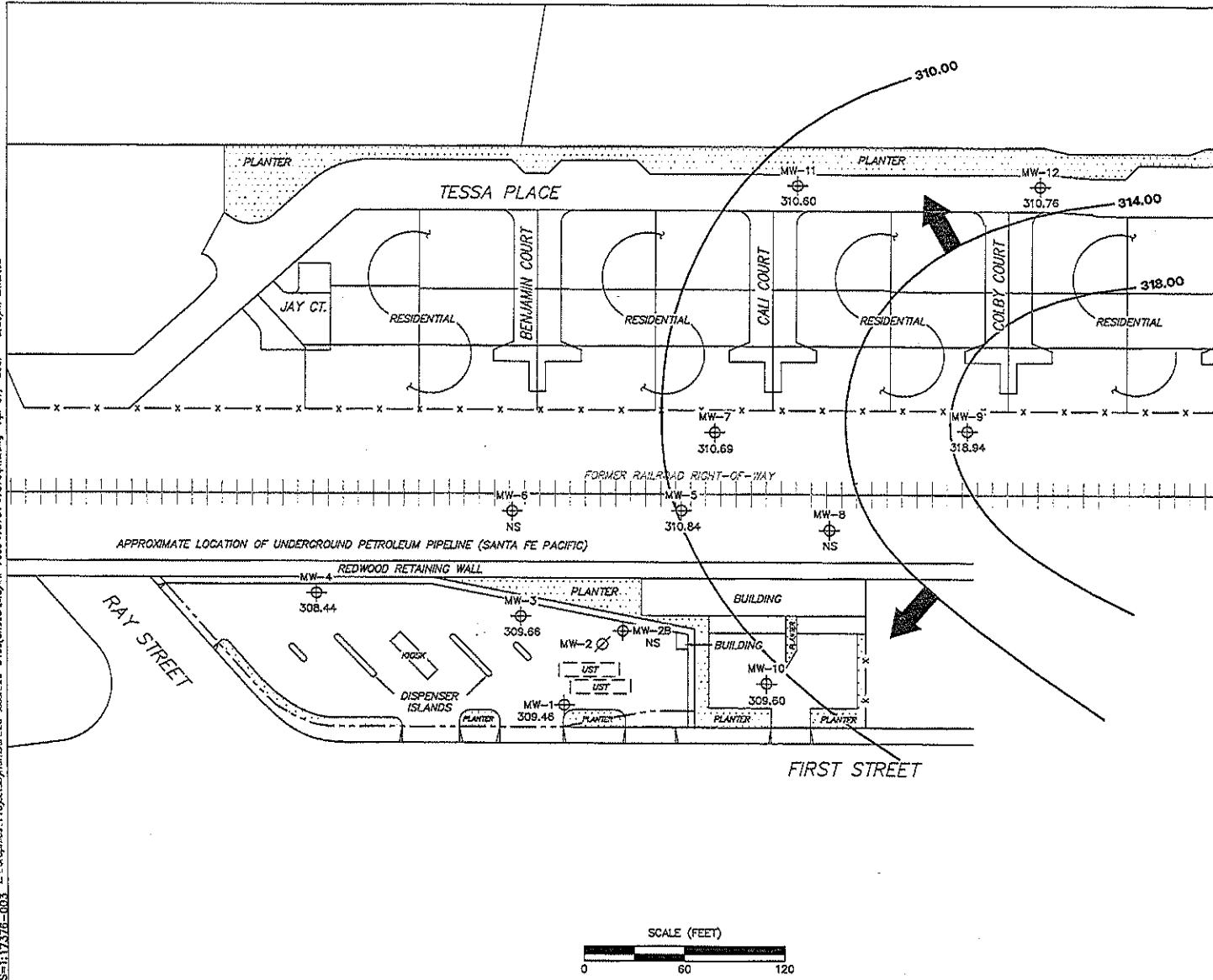
PS=117376-003







PS-1: 1737B-003 L:\Graphics\Projects\Number-20-ssar-0460\Unacc046\7-7000\7376\7376.dwg Apr 07, 2007 - 3:28pm amarcis



**LEGEND**

- MW-12 Monitoring Well with Groundwater Elevation (feet)
- MW-2 Abandoned well
- 318.00 Groundwater Elevation Contour
- General Direction of Groundwater Flow





**NOTES:**  
 Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. NS = not surveyed. UST = underground storage tank.

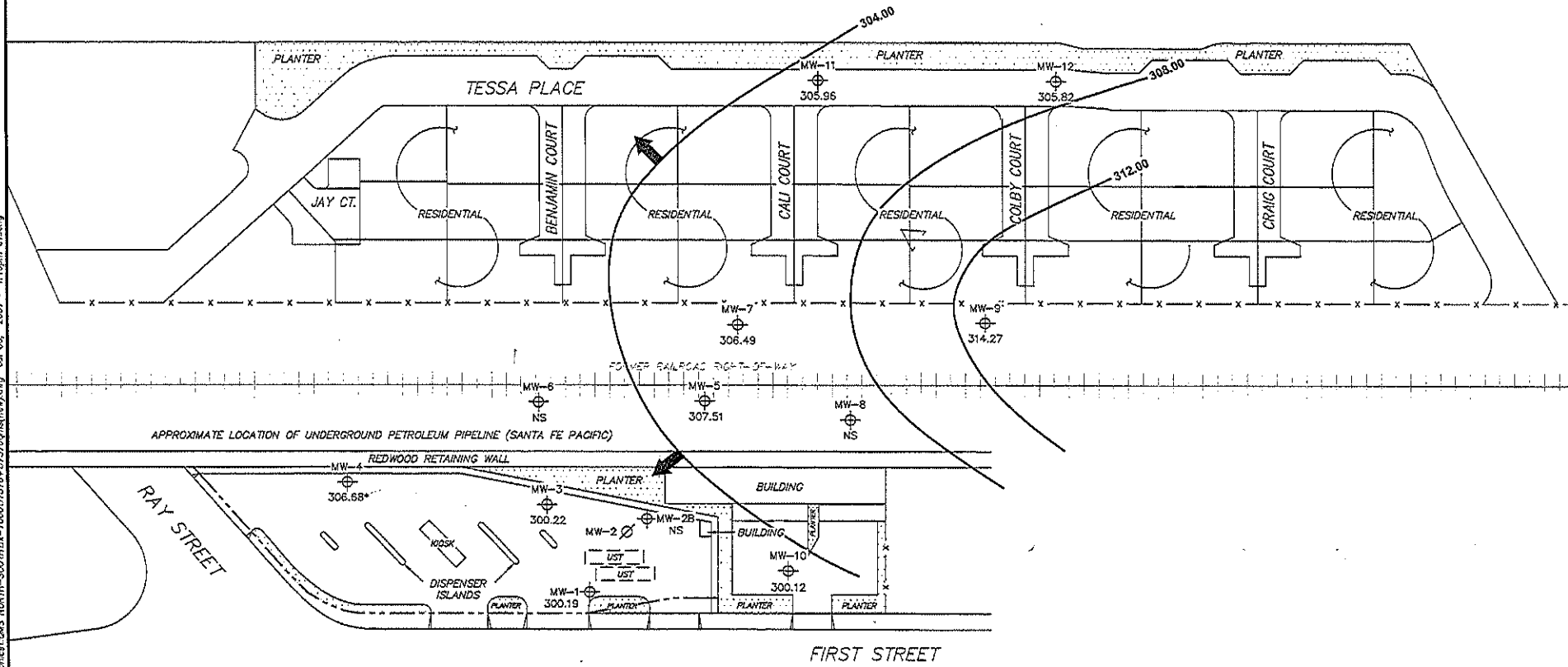
**GROUNDWATER ELEVATION  
 CONTOUR MAP  
 March 19, 2007**

76 Station 7376  
 4191 First Street  
 Pleasanton, California

**FIGURE 2**

**LEGEND**

- MW-12  Monitoring Well with Groundwater Elevation (foot)
- MW-2  Abandoned well
- 312.00  Groundwater Elevation Contour
-  General Direction of Groundwater Flow



MS-160 7370-003 L:\Geop\Aster\COMS NORTH-SOUTH\125703\7376+4191\7376gms(125703).dwg Jul 05, 2007 - 11:19pm c:\pscs

**NOTES:**

Contour lines are interpretive and based on field levels measured in monitoring wells. Elevations are in feet above mean sea level. NS = not surveyed. \* = not included in groundwater contour interpretation. UST = underground storage tank.

SCALE (FEET)



PROJECT: 125703





FACILITY:  
76 STATION 7376  
4191 FIRST STREET  
PLEASANTON, CALIFORNIA

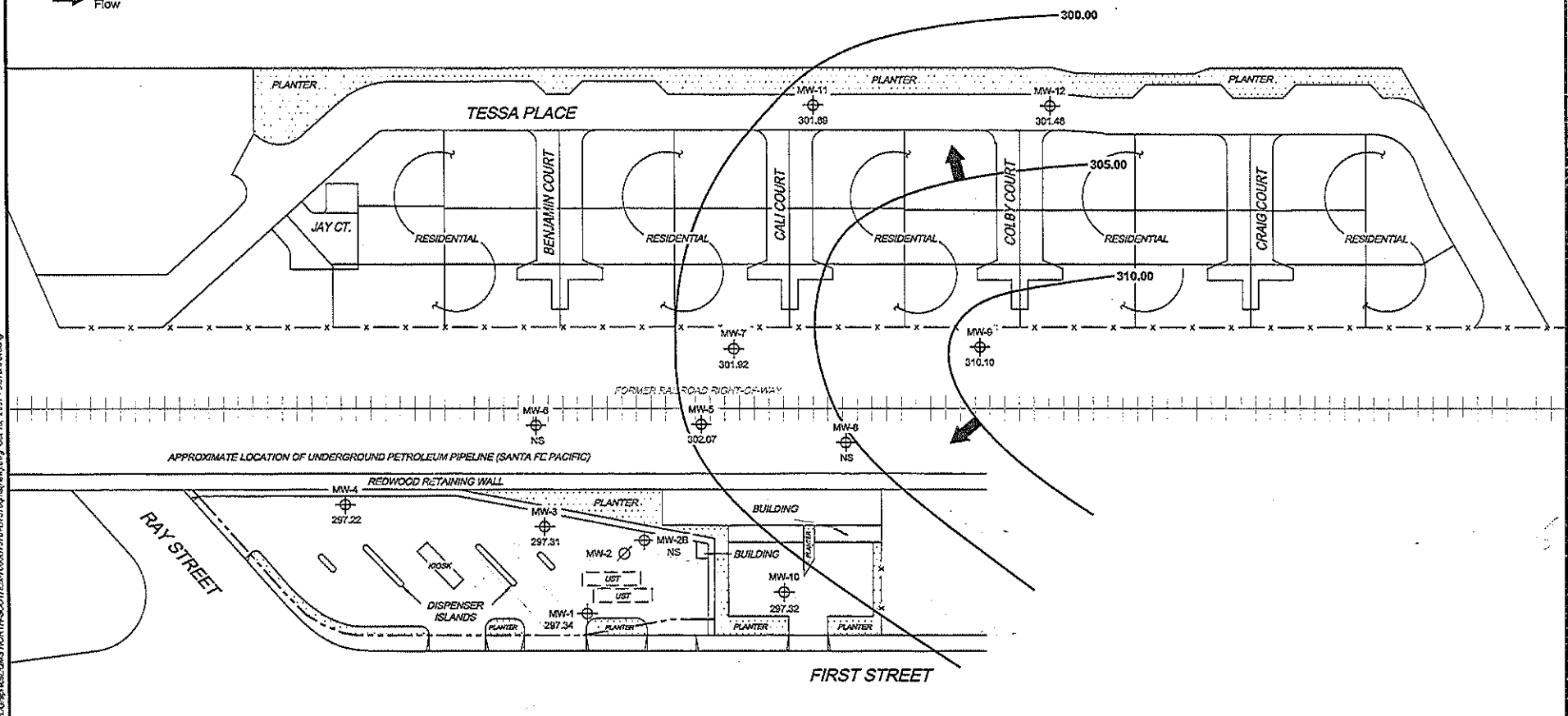
**GROUNDWATER ELEVATION  
CONTOUR MAP**  
June 15, 2007

**FIGURE 2**





**LEGEND**

- MW-12  Monitoring Well with Groundwater Elevation (feet)
- MW-2  Abandoned well
- 310.00  Groundwater Elevation Contour
-  General Direction of Groundwater Flow







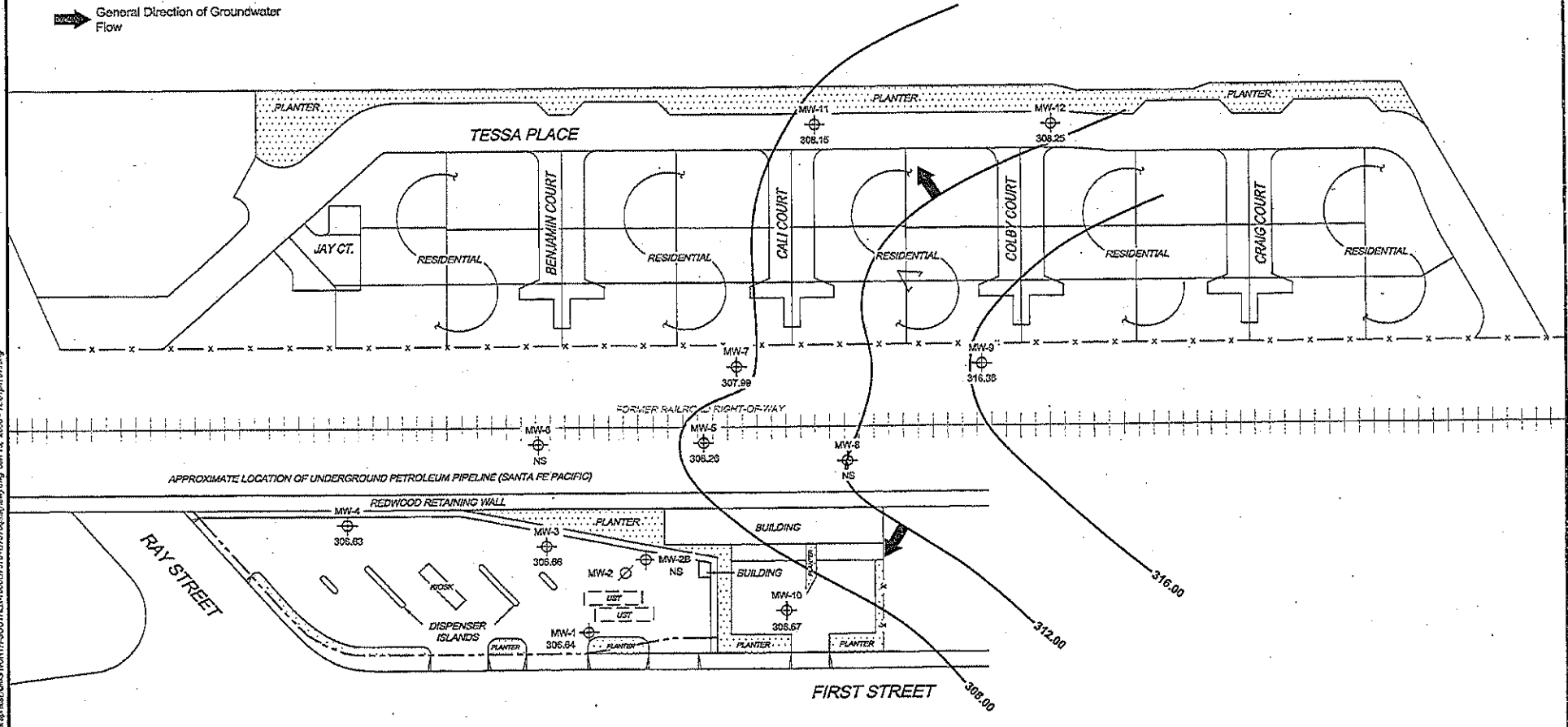
MS-1250 7/21/03 L:\Gis\Projects\NORTH-SOUTH\1250\1250.dwg Oct 10, 2007 9:27am eveng

**NOTES:**  
 Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. NS = not surveyed. UST = underground storage tank.

|                                                                                                         |                                                                                       |                                                                                                                                                                 |                                                                                                                                           |
|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <p>SCALE (FEET)</p>  |  | <p>PROJECT: 125703</p> <p>FACILITY:<br/>                 76 STATION 7376<br/>                 4191 FIRST STREET<br/>                 PLEASANTON, CALIFORNIA</p> | <p><b>GROUNDWATER ELEVATION<br/>                 CONTOUR MAP</b><br/>                 September 24, 2007</p> <hr/> <p><b>FIGURE 2</b></p> |
|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|

**LEGEND**

- MW-12  Monitoring Well with Groundwater Elevation (foot)
- MW-2  Abandoned well
- 316.00  Groundwater Elevation Contour
-  General Direction of Groundwater Flow



L:\06\shane\GIS\NORTH-SOUTH\154771\F1547712016\groundwater\fig\_154771\_2008-1226\fig\_154771\_2008-1226.dwg  
 154771-003 12/26/08

**NOTES:**

Contour lines are interpretive and based on field levels measured in monitoring wells. Elevations are in foot above mean sea level. NS = not surveyed. UST = underground storage tank.







PROJECT: 154771  
 FACILITY:  
 76 STATION 7376  
 4191 FIRST STREET  
 PLEASANTON, CALIFORNIA

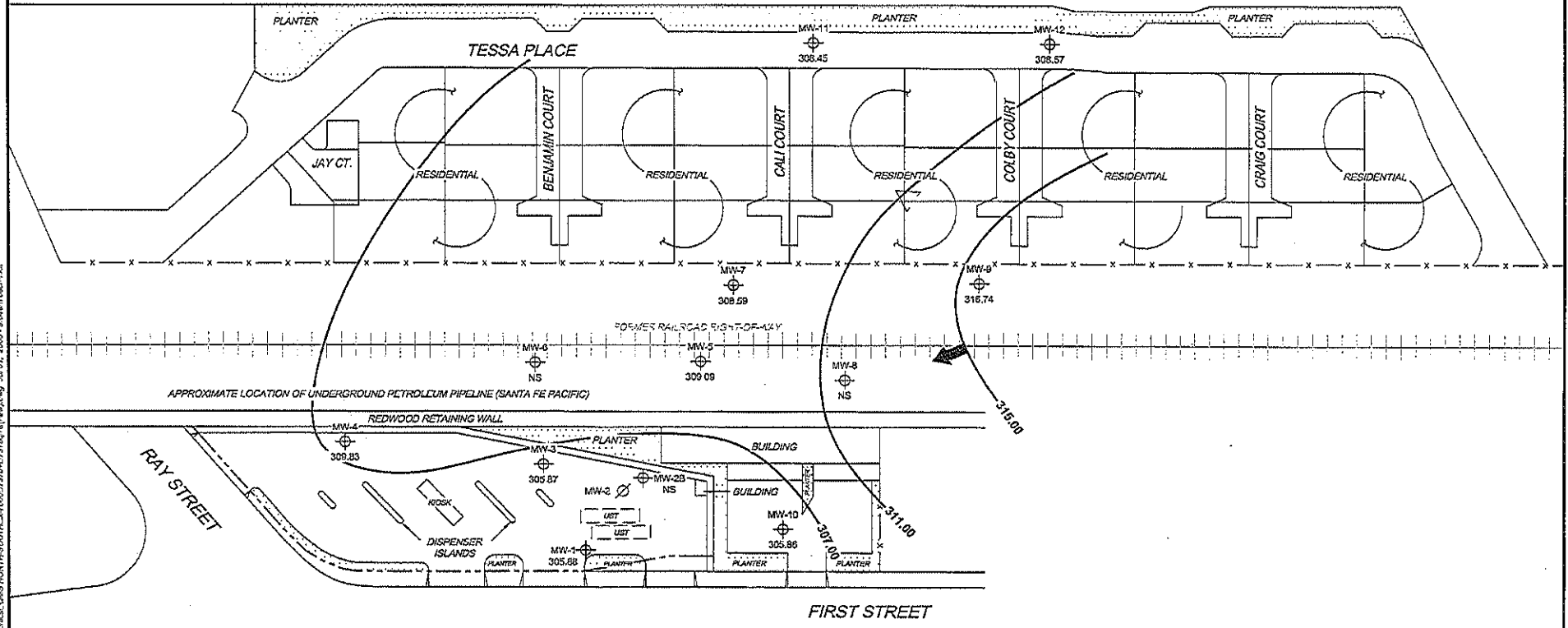
**GROUNDWATER ELEVATION  
 CONTOUR MAP**  
 December 27, 2007

**FIGURE 2**



**LEGEND**

- MW-12  Monitoring Well with Groundwater Elevation (feet)
- MW-2  Abandoned well
- 315.00  Groundwater Elevation Contour
-  General Direction of Groundwater Flow



MS-1-50 737B-003 L:\CG\sp\sp\3045\NORTH SOUTH\CA-0001\737B-003\737B-003.dwg 11/01/2003 5:04:01 PM bsp

**NOTES:**

Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. NS = not surveyed. UST = underground storage tank.

SCALE (FEET)



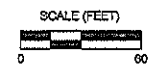
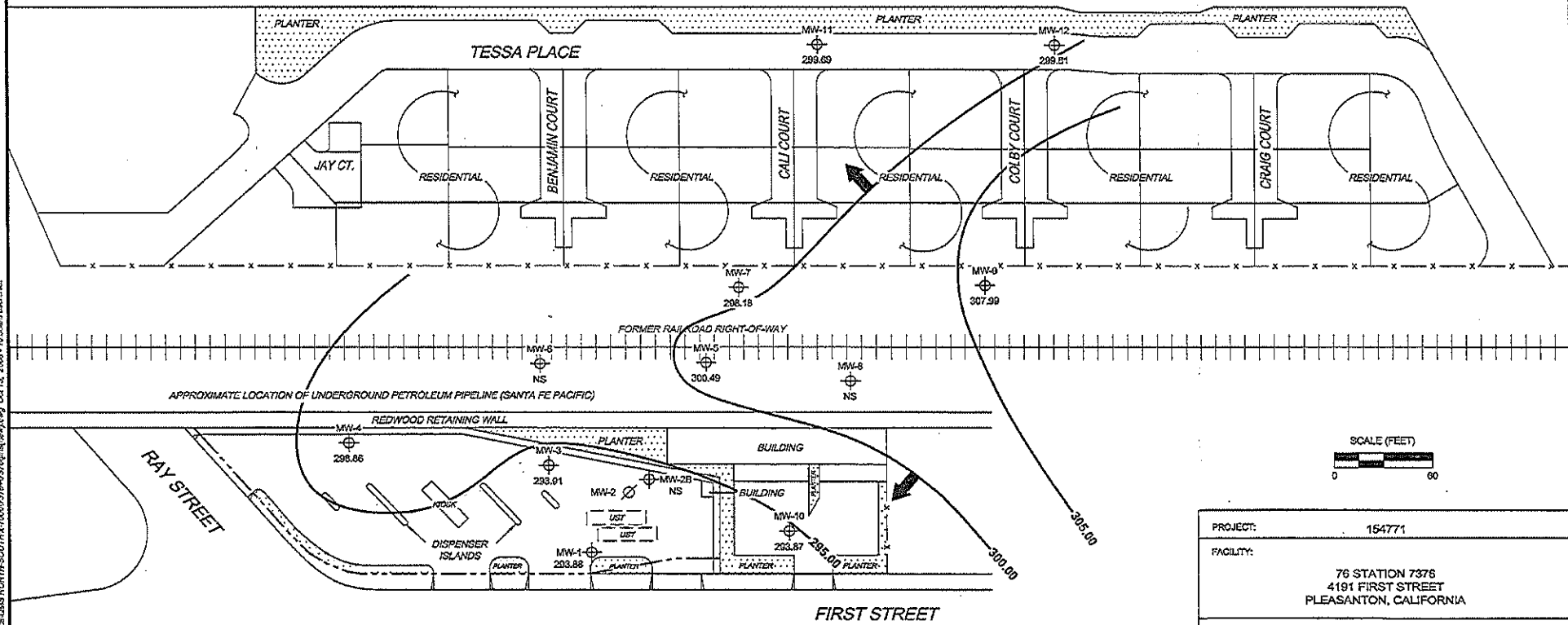
PROJECT: 154771  
 FACILITY:  
 76 STATION 7376  
 4191 FIRST STREET  
 PLEASANTON, CALIFORNIA

**GROUNDWATER ELEVATION  
 CONTOUR MAP**  
 June 6, 2003

**FIGURE 2**

**LEGEND**

- MW-12 Monitoring Well with Groundwater Elevation (feet)
- MW-2 Abandoned well
- 305.00 Groundwater Elevation Contour
- General Direction of Groundwater Flow



|                                                           |                                                                |
|-----------------------------------------------------------|----------------------------------------------------------------|
| PROJECT:                                                  | 154771                                                         |
| FACILITY:                                                 | 76 STATION 7376<br>4191 FIRST STREET<br>PLEASANTON, CALIFORNIA |
| GROUNDWATER ELEVATION<br>CONTOUR MAP<br>September 5, 2008 |                                                                |





**NOTES:**  
 Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. NS = not surveyed. UST = underground storage tank.

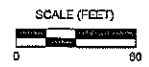
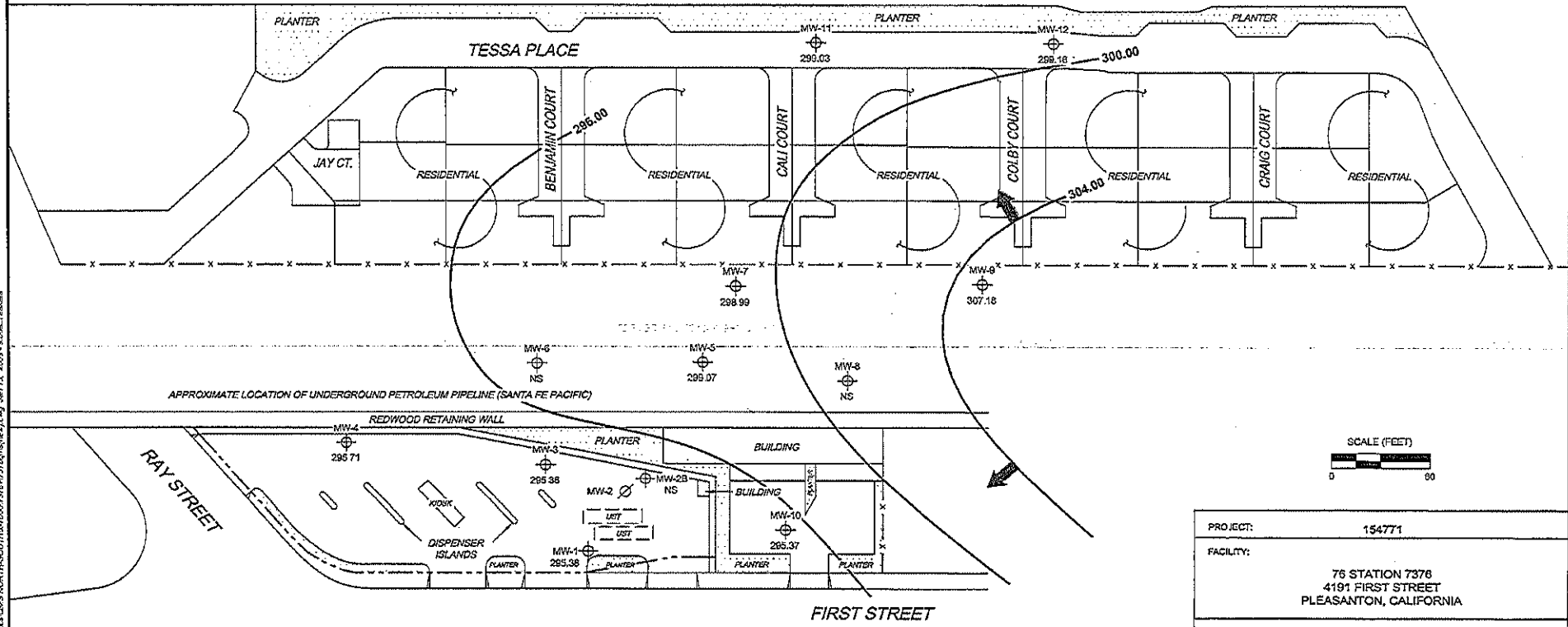



**FIGURE 2**

NS=150 7376-003 L:\geop\plac\068\NORTH-SOUTH\FK-7000\2076\0218\Reg\001.dwg Oct 15, 2008 - 10:55am bsr:dtf

**LEGEND**

- MW-12  Monitoring Well with Groundwater Elevation (feet)
- MW-2  Abandoned well
- 304.00  Groundwater Elevation Contour
-  General Direction of Groundwater Flow







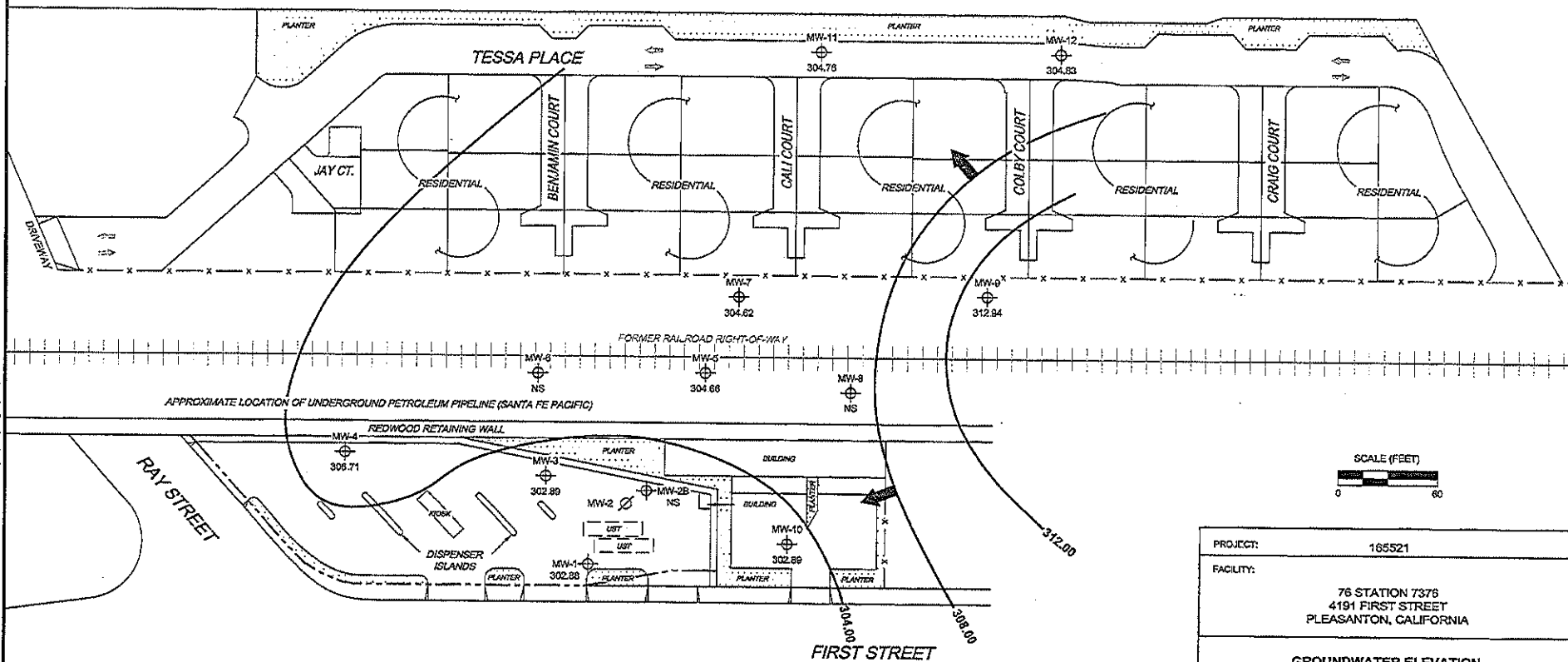
|                                                                                       |                                                                |
|---------------------------------------------------------------------------------------|----------------------------------------------------------------|
| PROJECT:                                                                              | 154771                                                         |
| FACILITY:                                                                             | 76 STATION 7376<br>4191 FIRST STREET<br>PLEASANTON, CALIFORNIA |
| GROUNDWATER ELEVATION<br>CONTOUR MAP<br>December 8, 2008                              |                                                                |
|  | FIGURE 2                                                       |


**NOTES:**  
Contour lines are interpretive and based on field levels measured in monitoring wells. Elevations are in feet above mean sea level. NS = not surveyed UST = underground storage tank.

MS-160 7376-003 L:\graphics\DWG\NORTH-SOUTH\160-1009\7376\107376contour.dwg Jan 11, 2009 - 6:58:32 a.m.

**LEGEND**

- MW-12  Monitoring Well with Groundwater Elevation (feet)
- MW-2  Abandoned well
- 312.00  Groundwater Elevation Contour
-  General Direction of Groundwater Flow



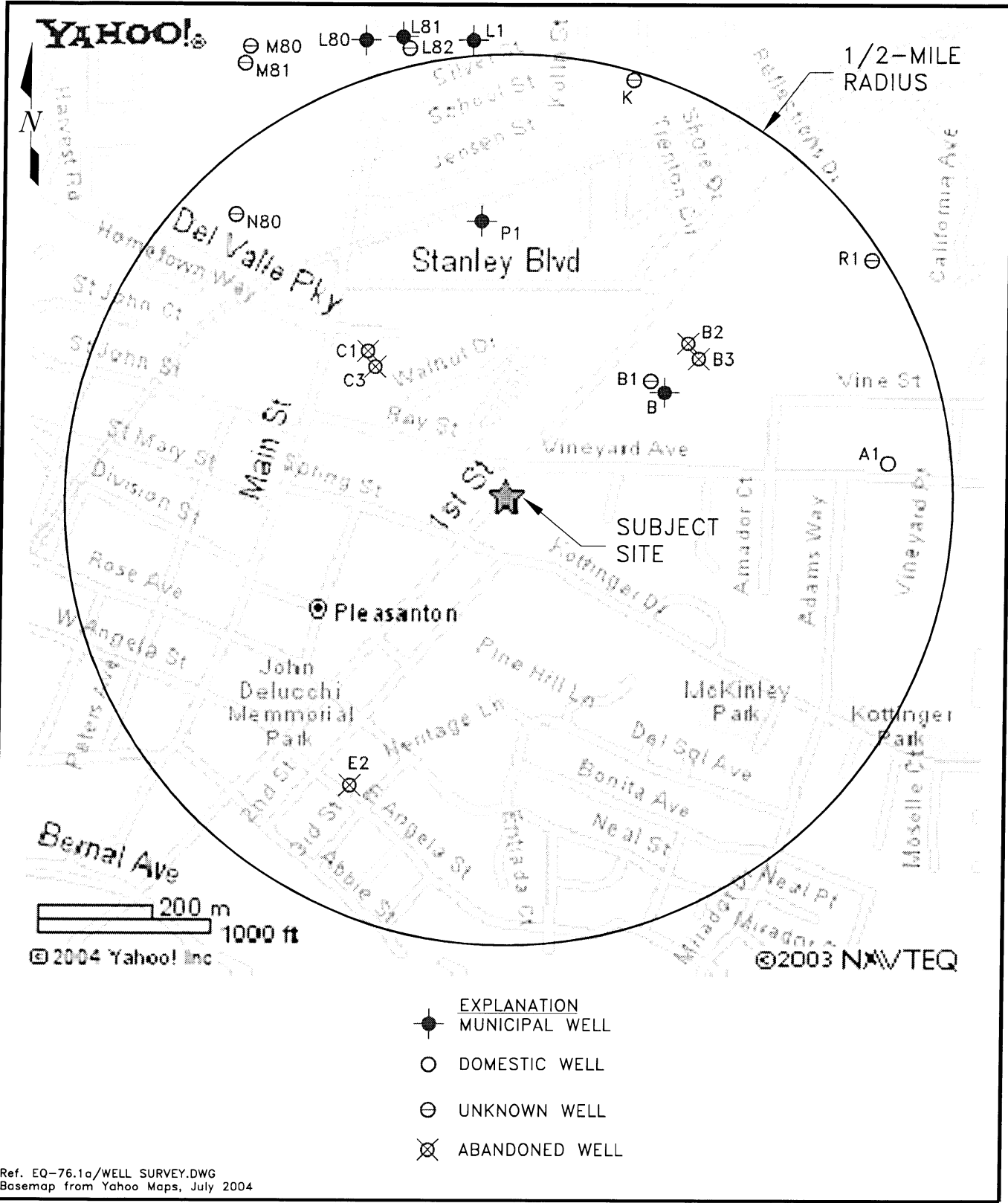
|                                                                                       |                                                                |
|---------------------------------------------------------------------------------------|----------------------------------------------------------------|
| PROJECT:                                                                              | 165521                                                         |
| FACILITY:                                                                             | 76 STATION 7376<br>4191 FIRST STREET<br>PLEASANTON, CALIFORNIA |
| GROUNDWATER ELEVATION<br>CONTOUR MAP<br>March 26, 2009                                |                                                                |
|  | FIGURE 2                                                       |

**NOTES:**  
 Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. NS = not surveyed. UST = underground storage tank

MS-1-00 7376-003 L:\dmp\bas\bas\NORTH\SDUT\fr-r0207316\4191\7376\ground\contour.dwg Apr 14, 2009 9:43:33 am bsp/mkx

**APPENDIX G**  
Sensitive Receptor Surveys






- EXPLANATION**
- MUNICIPAL WELL
  - DOMESTIC WELL
  - ⊖ UNKNOWN WELL
  - ⊗ ABANDONED WELL

Ref. EQ-76.1a/WELL SURVEY.DWG  
 Basemap from Yahoo Maps, July 2004

PREPARED BY



**TOXICHEM Management Systems, Inc.**  
 Environmental & Occupational Health Services

**Shell-Branded Service Station**  
 4226 First Street  
 Pleasanton, California

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**SITE VICINITY AND WELL SURVEY MAP**

FIGURE:  
 1  
 PROJECT:  
 EQ-76

Table 4  
**Well Location Details**  
Shell-branded Service Station  
4226 First Street, Pleasanton

| Map Number | Well Number   | Source of Information | Well Location                                        | Approximate Distance and Direction from Site (Feet) | Total Depth ft. | Date Installed | Use                   |
|------------|---------------|-----------------------|------------------------------------------------------|-----------------------------------------------------|-----------------|----------------|-----------------------|
| K          | 3S/1E - 16K   | DWR                   | 1500' North of Ball Park (according to log)          | >2,200 NNE                                          | 133             | 1916           | NA                    |
| L1         | 3S/1E - 16L1  | DWR                   | No distances on log, see approximate location on map | >2,200 N                                            | 152             | 1945           | Municipal             |
| L80        | 3S/1E - 16L80 | DWR                   | 20'S Blacow South Vine, 150'W of Santa Rita Road     | >2,400 NNW                                          | 158             | 1936           | Municipal             |
| L81        | 3S/1E - 16L81 | DWR                   | No distances on log, see approximate location on map | >2,200 N                                            | 205             | NA             | Municipal             |
| L82        | 3S/1E - 16L82 | DWR                   | No distances on log, see approximate location on map | >2,200 N                                            | 45              | 1912           | NA                    |
| M80        | 3S/1E - 16M80 | DWR                   | No distances on log, see approximate location on map | >2,400NNW                                           | 33              | 1912           | NA                    |
| M81        | 3S/1E - 16M81 | DWR                   | No distances on log, see approximate location on map | >2,400NNW                                           | 37              | 1912           | NA                    |
| N80        | 3S/1E - 16N80 | DWR                   | No distances on log, see approximate location on map | >1,300 NW                                           | 178             | 1912           | NA                    |
| P1         | 3S/1E - 16P1  | DWR                   | No distances on log, see approximate location on map | >1,200 N                                            | 305             | 1956           | Municipal             |
| A1         | 3S/1E - 21A1  | DWR                   | No distances on log, see approximate location on map | >1,800 E                                            | 262             | 1954           | Domestic              |
| B          | 3S/1E - 21B   | DWR                   | 400'E of First St., 500'N of Vineyard                | 900'NE                                              | 250             | 1913           | Municipal             |
| B1         | 3S/1E - 21B1  | DWR                   | 400'E of First St., 500'N of Vineyard                | 900'NE                                              | 796             | 1960           | Test Well             |
| B2         | 3S/1E - 21B2  | Zone 7                | See Map                                              | 1200'NE                                             | 30              | NA             | Abandoned Water Well  |
| B3         | 3S/1E - 21B3  | Zone 7                | See Map                                              | 1200'NE                                             | 55              | NA             | Abandoned Water Well  |
| C1         | 3S/1E - 21C1  | Zone 7                | See Map                                              | 1,100'NW                                            | 57              | NA             | Abandoned water Well  |
| C3         | 3S/1E - 21C3  | Zone 7                | See Map                                              | 1,100'NW                                            | NA              | NA             | Abandoned Water Well  |
| E2         | 3S/1E - 21E2  | Zone 7                | See Map                                              | 2,000SW                                             | 35              | NA             | Abandoned Water Well  |
| R1         | 3S/1E - 16R1  | Zone 7                | See Map                                              | 2,600NE                                             | 226             | NA             | Water Production Well |

NA = Information Not Available

Table 5  
**Well Construction Details**  
Shell-branded Service Station  
4226 First Street, Pleasanton

| Map Number | Total Depth | Depth to Water (ft. bgs) | Casing Type | Casing Diameter (in.) | Screen Interval (ft. bgs) | Gravel Pack Interval (ft. bgs) | Annular Seal Depth (ft. bgs) | Annular Seal Material | Well Construction Method | Driller's log Number | Pumping Test Rate (gpm) | Test Duration (hours) |
|------------|-------------|--------------------------|-------------|-----------------------|---------------------------|--------------------------------|------------------------------|-----------------------|--------------------------|----------------------|-------------------------|-----------------------|
| K          | 133         | NA                       | NA          | NA                    | NA                        | NA                             | NA                           | NA                    | NA                       | NA                   | NA                      | NA                    |
| L1         | 152         | 22                       | 12 Gauge    | 12                    | 56-136                    | NA                             | NA                           | NA                    | NA                       | NA                   | NA                      | NA                    |
| L80        | 158         | NA                       | NA          | NA                    | 48-66 and various to 156' | NA                             | NA                           | NA                    | NA                       | NA                   | NA                      | NA                    |
| L81        | 205         | NA                       | NA          | NA                    | NA                        | NA                             | NA                           | NA                    | NA                       | NA                   | NA                      | NA                    |
| L82        | 45          | NA                       | NA          | NA                    | NA                        | NA                             | NA                           | NA                    | NA                       | NA                   | NA                      | NA                    |
| M80        | 33          | NA                       | NA          | NA                    | NA                        | NA                             | NA                           | NA                    | NA                       | NA                   | NA                      | NA                    |
| M81        | 37          | NA                       | NA          | NA                    | NA                        | NA                             | NA                           | NA                    | NA                       | NA                   | NA                      | NA                    |
| N80        | 178         | NA                       | NA          | NA                    | NA                        | NA                             | NA                           | NA                    | NA                       | NA                   | NA                      | NA                    |
| P1         | 305         | NA                       | NA          | NA                    | NA                        | NA                             | NA                           | NA                    | NA                       | NA                   | NA                      | NA                    |
| A1         | 262         | 86                       | 3/16 steel  | 10                    | 110-178                   | NA                             | NA                           | NA                    | Cable                    | NA                   | 33                      | NA                    |
| B          | 250         | NA                       | NA          | 12                    | 50-60, 105-135, 188-238   | NA                             | NA                           | NA                    | NA                       | NA                   | NA                      | NA                    |
| B1         | 796         | NA                       | NA          | NA                    | NA                        | NA                             | NA                           | NA                    | Rotary                   | 50865                | NA                      | NA                    |
| B2         | 30          | NA                       | NA          | 8                     | NA                        | NA                             | NA                           | NA                    | NA                       | NA                   | NA                      | NA                    |
| B3         | 55          | NA                       | NA          | 12                    | NA                        | NA                             | NA                           | NA                    | NA                       | NA                   | NA                      | NA                    |
| C1         | 57          | NA                       | NA          | 12                    | NA                        | NA                             | NA                           | NA                    | NA                       | NA                   | NA                      | NA                    |
| C3         | NA          | NA                       | NA          | NA                    | NA                        | NA                             | NA                           | NA                    | NA                       | NA                   | NA                      | NA                    |
| E2         | 35          | NA                       | Brick       | 3'2"                  | NA                        | NA                             | NA                           | NA                    | NA                       | NA                   | NA                      | NA                    |
| R1         | 226         | NA                       | NA          | 10                    | NA                        | NA                             | NA                           | NA                    | NA                       | NA                   | NA                      | NA                    |

NA = Information Not Available

ft. bgs = Feet below ground surface

gpm = Gallons per minute



|    |                                    |                       |        |          |     |    |          |            |
|----|------------------------------------|-----------------------|--------|----------|-----|----|----------|------------|
| 1  | Irrigation Canal? (a)              | Surface Water Body    | 37.662 | -121.869 | Yes | No | Verified | 465.78 FT  |
| 2  | Unocal (LUFT)                      | Other [internal only] | 37.666 | -121.870 | Yes | No | Verified | 1095.61 FT |
| 3  | Arroyo Del Valle                   | Surface Water Body    | 37.665 | -121.873 | Yes | No | Verified | 1133.89 FT |
| 4  | 3S/1E 21C4                         | Other Well            | 37.665 | -121.873 | Yes | No | Verified | 1133.89 FT |
| 5  | Mobil (LUFT)                       | Other [internal only] | 37.666 | -121.873 | Yes | No | Verified | 1397.34 FT |
| 6  | N80                                | Other Well            | 37.667 | -121.877 | Yes | No | Verified | 2495.83 FT |
| 7  | Creek                              | Surface Water Body    | 37.666 | -121.861 | No  | No | Verified | 2823.13 FT |
| 8  | Fire Department                    | Other Well            | 37.666 | -121.857 | No  | No | Verified | 3914.69 FT |
| 9  | Seasonal Water Basin               | Surface Water Body    | 37.656 | -121.859 | No  | No | Verified | 4080.37 FT |
| 10 | Semipermanent Water Body (a)       | Surface Water Body    | 37.654 | -121.879 | Yes | No | Verified | 4192.15 FT |
| 11 | Temporary Water Body (d)           | Surface Water Body    | 37.668 | -121.856 | Yes | No | Verified | 4440.15 FT |
| 12 | Dry Creek Designed for Rain Runoff | Surface Water Body    | 37.653 | -121.882 | No  | No | Verified | 5037.31 FT |
| 13 | Semipermanent Water Body (b)       | Surface Water Body    | 37.652 | -121.881 | Yes | No | Verified | 5123.76 FT |
| 14 | Irrigation Canal? (b)              | Surface Water Body    | 37.658 | -121.853 | Yes | No | Verified | 5243.15 FT |

Note: only the closest 100 receptors are displayed