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2006 REPORT
SAN FERNANDO VALLEY BASIN
GROUNDWATER MONITORING PROGRAM

SAN FERNANDO VALLEY
LOS ANGELES COUNTY, CALIFORNIA

USEPA CONTRACT NO. 68-W-98-225
USEPA WORK ASSIGNMENT NO. 246-RICO-0959

Prepared for

United States Environmental Protection Agency
Region 9
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December 2007

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Acronyms and Abbreviations

µg/L	micrograms per liter
1,2,3-TCP	1,2,3-trichloropropane
BOU	Burbank Operable Unit
CLP	USEPA's Contract Laboratory Program
CRQL	contract required quantification limit
CVCWD	Crescenta Valley County Water District
DTSC	California Department of Toxic Substances Control
gal	gallons
GIS	Geographic Information System
GNOU	Glendale North Operable Unit
GSOU	Glendale South Operable Unit
LADWP	Los Angeles Department of Water and Power
LMC	Lockheed Martin Corporation
MCL	maximum contaminant level
MDL	method detection limit
mg/L	milligrams per liter
MTBE	methyl tertiary butyl ether
ND	non-detectable
NDMA	n-nitrosodimethylamine
NH Treatment Plant	North Hollywood Treatment Plant
NHOU	North Hollywood Operable Unit
NPL	National Priority List
NTU	Nephelometric Turbidity Units
OU	operable unit
PCE	perchloroethylene
QAPP	Quality Assurance Project Plan
QA/QC	quality assurance/quality control

RAC	Response Action Contract
RI/FS	Remedial Investigation/Feasibility Study
RWQCB	Regional Water Quality Control Board
SAP	Sampling and Analysis Plan
SFV	San Fernando Valley
TCE	trichloroethylene
TDS	total dissolved solids
TOC	total organic carbon
USEPA	United States Environmental Protection Agency
VOC	volatile organic compound
VPB	vertical profile boring
WA	Work Assignment

SECTION 1.0

Introduction

This report describes work performed by CH2M HILL for the United States Environmental Protection Agency (USEPA), Region 9 under Work Assignment (WA) 246-RICO-0959. This WA authorizes CH2M HILL to assist USEPA in conducting a quarterly groundwater monitoring program as part of the remedial investigation/feasibility study (RI/FS) in the San Fernando Valley (SFV). The monitoring program involves the collection of groundwater samples from monitoring wells in USEPA's RI monitoring well network, incorporation of the water quality data into the SFV database and Geographic Information System (GIS), and the presentation of data from the SFV groundwater monitoring program in an annual report. In addition to these activities involving the RI monitoring well program, CH2M HILL collects and integrates available water quality and water level data from other sources into the SFV database. Monitoring well data from local facilities in the SFV transmitted through the California Regional Water Quality Control Board (RWQCB), California Department of Toxic Substances Control (DTSC), Honeywell, and Lockheed Martin Corporation (LMC; formerly Lockheed Aeronautical Systems Corporation) are included in the database. Data from production wells operated in the SFV are obtained from local groundwater purveyors (Los Angeles Department of Water and Power [LADWP], the Cities of Glendale and Burbank, and Crescenta Valley County Water District [CVCWD]) and were also incorporated in the SFV database. The SFV database is the primary data source for generation of concentration contour maps accompanying this report.

Previous reports for USEPA's groundwater monitoring program were completed under the ARCSWEST contract, which was superseded by the Response Action Contract (RAC) program in January 1999. Work on this WA under the RAC program began in the fall of 1999 and has continued through 2000, 2001, 2002, 2003, 2004, 2005, and 2006. The results of the first, second, third, and fourth quarterly sampling events for 2006—conducted from March 14 through March 28, 2006; June 21 through July 19, 2006; September 3 through September 17, 2006; and November 29, 2006 through January 5, 2007—are described in this report.

1.1 Setting

The SFV Superfund Site is a large area of groundwater contamination located in Los Angeles County, California (Figure 1-1). In 1984, USEPA proposed four areas within the SFV for inclusion on the National Priority List (NPL) because trichloroethylene (TCE) and perchloroethylene (PCE) were found in groundwater production wells at levels exceeding the maximum contaminant levels (MCLs) for these compounds. During 2003, USEPA began procedures to remove the Verdugo Area (Area 3) from the NPL, with the site deleted on October 12, 2004. Currently, USEPA is managing the remaining three of the four former NPL areas as one large site, referred to as the SFV Superfund Site. This Site includes the following Areas: Area 1 (North Hollywood Area), containing the North Hollywood Operable Unit (NHOU) and the Burbank Operable Unit (BOU); Area 2 (Crystal Springs

Area, containing the Glendale North and Glendale South Operable Units (GNOU and GSOU); and, Area 4 (Pollock Area), which was not established as an OU due to the LADWP Wellhead Treatment Plant in the Pollock Wellfield.

Currently, USEPA's remedial investigation (RI) monitoring well network in the SFV is composed of 87 RI monitoring wells located in the four Areas of the Superfund Site (Figure 1-1). However, three of the shallow water table wells (vertical profile borings [VPBs] PO-VPB-04, PO-VPB-09, and PO-VPB-11) are screened in bedrock and were never completed as monitoring wells. Thus, these wells have not been included in the sampling events described herein, resulting in a total of 84 RI monitoring wells. Well completion details are presented in Appendix A.

1.2 Background

TCE and PCE data obtained from the SFV database were used to separate the 84 RI wells into two categories prior to beginning the monitoring program in 1992: those recommended for quarterly sampling and those recommended for annual sampling. All 84 of the RI wells were originally included in the annual monitoring program. Of these 84, 41 wells historically having concentrations of TCE and/or PCE in excess of federal and state MCLs were placed into the quarterly monitoring program (CH2M HILL, 1991). During the history of the monitoring program, the sampling frequency for the RI monitoring wells has been modified by USEPA based on measured concentrations of volatile organic compounds (VOCs) and/or other constituents of concern exceeding their respective MCLs. Currently, the SFV monitoring program has two categories: an annual sampling program, including all 84 monitoring wells, and a quarterly sampling program that includes all of the RI monitoring wells exceeding the VOC MCLs or any of the other evaluation criteria (approximately 45 of the 84 monitoring wells). Although hexavalent chromium is not a constituent of concern as defined in the Record of Decision, USEPA is aware of the increasing concern regarding hexavalent chromium in groundwater. This awareness has resulted in the inclusion of hexavalent chromium concentrations in re-evaluations of the sampling frequency for the RI monitoring wells. For the purposes of determining sampling frequency, when a monitoring well has an observed hexavalent chromium concentration of 5 micrograms per liter (µg/L) or greater (one-tenth of the MCL for total dissolved chromium), the well will be sampled quarterly.

Based on consistent VOC concentrations below the MCLs, following the first quarter 2006 sample event four RI monitoring wells (NH-C03-680, PO-C02-053, PO-C03-182 and VD-VPB-07) were placed into the annual sampling program. Other circumstances which resulted in the actual number of RI monitoring wells included during each quarterly sample event included: equipment failures (i.e., pump inoperable, separated piping); vehicles blocking access; and, insufficient pump submergence or water levels below pump intake resulting in no water reaching the surface during pumping. One additional well, CS-VPB-02, normally sampled annually was also included for sampling during the third quarter. A summary of RI wells sampled during the first, second, third, and fourth quarter sampling events of 2006 is presented in Table 1-1.

1.3 Report Organization

This report is organized into sections that describe the activities and analytical results of the sampling events stated above. Section 2.0 describes the observations, procedures, activities, field measurements, and analytical results of the first, second, third, and fourth quarter sampling events. Section 3.0 presents a historic comparison of the analytical data from the first, second, third, and fourth quarter sampling events. Included are relationships between water levels, TCE, PCE, other VOCs, and nitrate data. Historical concentrations of TCE, PCE, and nitrate are also presented graphically in this section. References are presented in Section 4.0.

Tables and figures are presented at the end of each section. Table 1-1 at the end of this section summarizes the wells sampled, Tables 2-1 through 2-10 summarize the data collected during the 2006 sampling events, and Tables 3-1 through 3-19 summarize the historical comparisons between the 2006 data and data from previous quarters.

Construction data for RI monitoring wells are presented in Appendix A. Criteria for the rationale used in selection of data representative of current conditions are presented in Appendix B. Appendix C contains information on submersible pump installation. Copies of the Field Quality Control Summary forms from the first, second, third, and fourth quarter sampling events are provided in Appendix D. Summaries of all detected compounds for these sampling events are presented in Appendix E. TCE and PCE concentration data are presented in Appendices F and G, respectively. Appendix H presents graphs of historical TCE and PCE concentrations and groundwater elevations for wells in the remedial investigation.

TABLE 1-1
Wells Sampled - First, Second, Third, and Fourth Quarters 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	First Quarter	Second Quarter	Third Quarter	Fourth Quarter
CS-C01-105	3/15/2006	7/10/2006	10/13/2006	12/28/2006
CS-C01-285	3/27/2006	7/10/2006	10/13/2006	12/28/2006
CS-C01-558	A	A	A	12/13/2006
CS-C02-062	3/24/2006	7/11/2006	10/16/2006	1/4/2007
CS-C02-180	3/24/2006	7/11/2006	10/16/2006	1/4/2007
CS-C02-250	3/24/2006	7/11/2006	10/16/2006	1/4/2007
CS-C02-335	3/24/2006	7/11/2006	10/16/2006	1/4/2007
CS-C03-100	3/27/2006	7/10/2006	10/11/2006	12/28/2006
CS-C03-325	A	A	A	12/12/2006
CS-C03-465	3/17/2006	6/27/2006	10/11/2006	12/28/2006
CS-C03-550	A	A	A	12/12/2006
CS-C04-290	3/17/2006	7/6/2006	10/11/2006	1/3/2007
CS-C04-382	3/17/2006	7/6/2006	10/11/2006	1/3/2007
CS-C04-520	A	A	A	12/13/2006
CS-C05-160	3/17/2006	7/5/2006	10/13/2006	1/2/2007
CS-C05-290	3/17/2006	7/5/2006	10/13/2006	1/2/2007
CS-C06-185	3/20/2006	7/6/2006	10/12/2006	1/4/2007
CS-C06-278	A	A	A	12/14/2006
CS-VPB-01	3/24/2006	7/11/2006	10/9/2006	12/28/2006
CS-VPB-02	A	A	10/10/2006	11/29/2006
CS-VPB-03	3/17/2006	6/27/2006	10/17/2006	1/2/2007
CS-VPB-04	Inoperable	7/19/2006	10/11/2006	1/3/2007
CS-VPB-05	3/27/2006	7/10/2006	10/13/2006	1/2/2007
CS-VPB-06	3/27/2006	7/11/2006	10/12/2006	1/4/2007
CS-VPB-07	3/28/2006	7/11/2006	10/11/2006	1/3/2007
CS-VPB-08	Inoperable	7/10/2006	10/12/2006	12/27/2006
CS-VPB-09	3/20/2006	6/27/2006	10/16/2006	12/11/2006
CS-VPB-10	3/20/2006	7/5/2006	10/12/2006	1/5/2007
CS-VPB-11	Inoperable	7/6/2006	10/17/2006	1/3/2007
NH-C01-325	Inoperable	7/7/2006	10/3/2006	12/20/2006
NH-C01-450	Inoperable	Inoperable	Inoperable	Inoperable
NH-C01-660	A	A	A	12/1/2006

TABLE 1-1
Wells Sampled - First, Second, Third, and Fourth Quarters 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	First Quarter	Second Quarter	Third Quarter	Fourth Quarter
NH-C01-780	A	A	A	12/1/2006
NH-C02-220	3/23/2006	No H2O to Surface	10/6/2006	12/21/2006
NH-C02-325	3/14/2006	7/7/2006	10/9/2006	12/21/2006
NH-C02-520	3/23/2006	7/7/2006	10/9/2006	12/21/2006
NH-C02-681	A	A	A	11/30/2006
NH-C03-380	3/15/2006	6/21/2006	10/5/2006	12/5/2006
NH-C03-580	3/15/2006	6/21/2006	A	12/5/2006
NH-C03-680	3/15/2006	A	A	12/5/2006
NH-C03-800	A	A	A	12/5/2006
NH-C04-240	A	A	A	12/6/2006
NH-C04-375	A	A	A	12/6/2006
NH-C04-560	A	A	A	12/6/2006
NH-C05-320	No H2O to Surface	No H2O to Surface	No H2O to Surface	No H2O to Surface
NH-C05-460	3/23/2006	7/7/2006	10/9/2006	12/20/2006
NH-C06-160	3/15/2006	No H2O to Surface	10/6/2006	12/11/2006
NH-C06-285	3/15/2006	6/23/2006	10/10/2006	12/26/2006
NH-C06-425	A	A	A	12/11/2006
NH-VPB-01	3/16/2006	6/22/2006	10/10/2006	12/27/2006
NH-VPB-02	3/16/2006	No H2O to Surface	10/3/2006	12/26/2006
NH-VPB-03	No H2O to Surface	No H2O to Surface	No H2O to Surface	No H2O to Surface
NH-VPB-04	No H2O to Surface	6/23/2006	10/6/2006	11/30/2006
NH-VPB-05	3/14/2006	6/21/2006	10/9/2006	12/27/2006
NH-VPB-06	3/23/2006	6/21/2006	10/3/2006	12/11/2006
NH-VPB-07	3/16/2006	6/23/2006	10/5/2006	12/11/2006
NH-VPB-08	NS	6/23/2006	10/9/2006	12/27/2006
NH-VPB-09	No Pump	No Pump	No Pump	No Pump
NH-VPB-10	A	A	A	No H2O to Surface
NH-VPB-11	NS	NS	No H2O to Surface	No H2O to Surface
NH-VPB-12	NS	NS	No H2O to Surface	No H2O to Surface
NH-VPB-13	NS	NS	No H2O to Surface	No H2O to Surface
NH-VPB-14	NS	NS	No H2O to Surface	No H2O to Surface
PO-C01-195	3/21/2006	7/6/2006	10/13/2006	1/5/2007

TABLE 1-1
Wells Sampled - First, Second, Third, and Fourth Quarters 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	First Quarter	Second Quarter	Third Quarter	Fourth Quarter
PO-C01-354	A	A	A	12/15/2006
PO-C02-053	3/21/2006	A	A	12/18/2006
PO-C02-205	A	A	A	12/18/2006
PO-C03-182	3/21/2006	A	A	12/15/2006
PO-C03-235	A	A	A	12/15/2006
PO-VPB-01	3/20/2006	Blocked	A	12/18/2006
PO-VPB-02	3/28/2006	7/11/2006	10/13/2006	1/5/2007
PO-VPB-03	Inoperable	6/27/2006	10/16/2006	12/15/2006
PO-VPB-04	Inactive	Inactive	Inactive	Inactive
PO-VPB-05	A	A	A	12/18/2006
PO-VPB-06	A	A	A	12/18/2006
PO-VPB-07	3/24/2006	7/11/2006	10/17/2006	1/5/2007
PO-VPB-08	Inoperable	7/11/2006	10/5/2006	12/18/2006
PO-VPB-09	Inactive	Inactive	Inactive	Inactive
PO-VPB-10	3/21/2006	7/6/2006	Blocked	12/14/2006
PO-VPB-11	Inactive	Inactive	Inactive	Inactive
VD-VPB-01	3/21/2006	7/5/2006	10/4/2006	12/19/2006
VD-VPB-02	3/22/2006	7/6/2006	10/4/2006	12/19/2006
VD-VPB-03	3/22/2006	7/5/2006	10/4/2006	12/19/2006
VD-VPB-04	Inoperable	Inoperable	Inoperable	Inoperable
VD-VPB-05	3/22/2006	7/5/2006	10/4/2006	12/19/2006
VD-VPB-06	3/22/2006	7/5/2006	10/4/2006	12/19/2006
VD-VPB-07	3/22/2006	A	A	12/19/2006

Notes:
A = Wells included in annual sampling event only
Blocked = Well inaccessible at time of sampling
Inactive = No pump, screened in bedrock
Inoperable = Pump inoperable
No H2O to Surface = Pump works, no water to surface

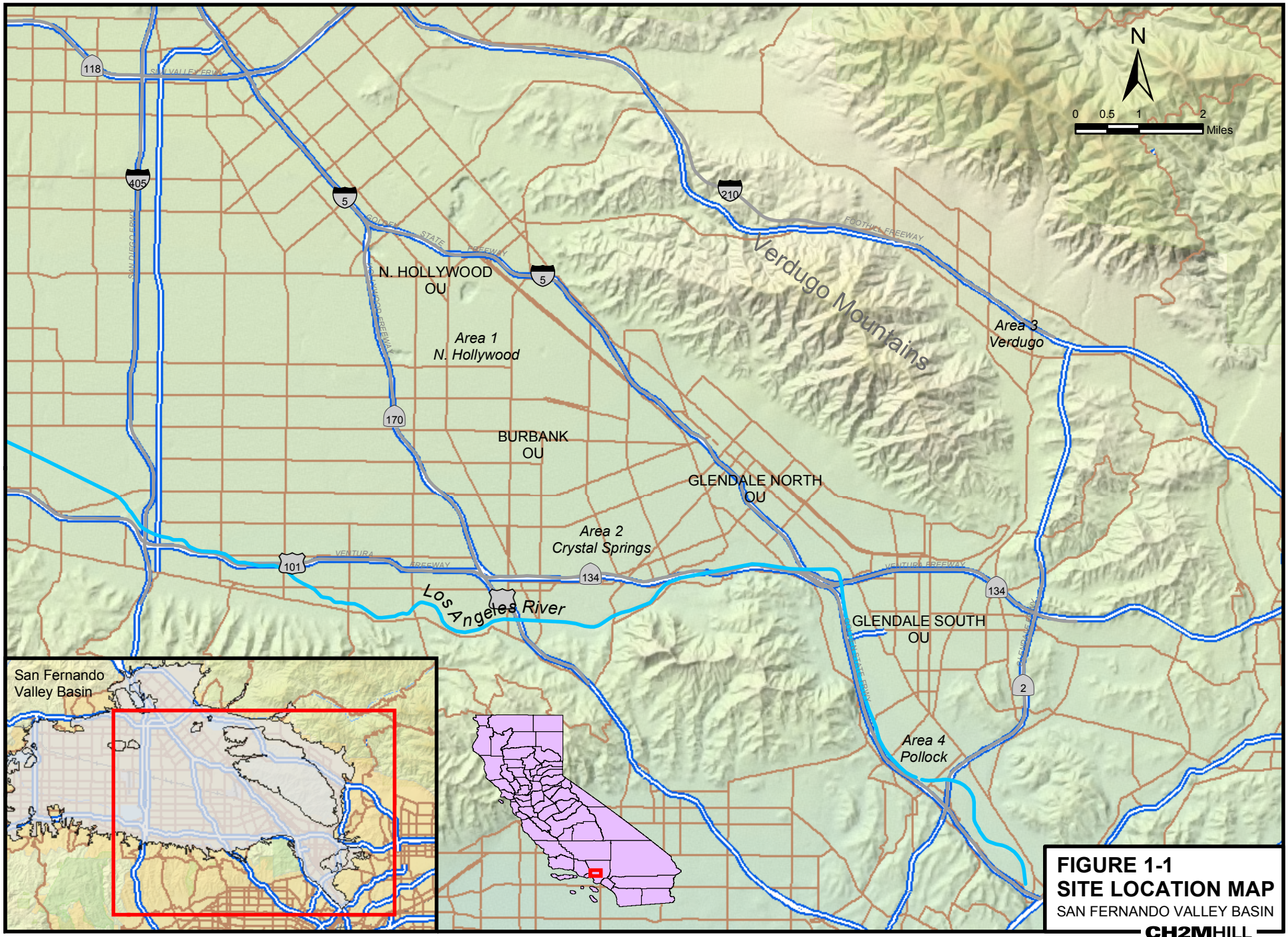
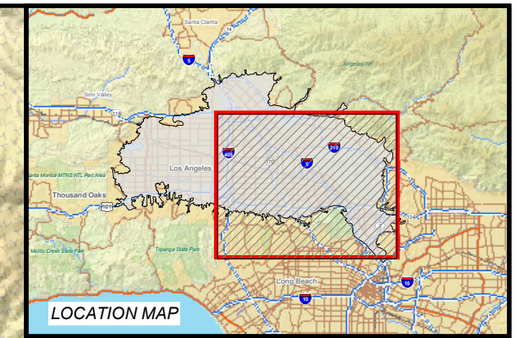


FIGURE 1-1
SITE LOCATION MAP
SAN FERNANDO VALLEY BASIN
CH2MHILL

\\CABLECAR\PROJ\USEPA\COMMONFILES\EPASFV\GIS\MAPFILES\2007\2006REPORT\SITE_LOCATION_MAP.MXD FIG_1-1_SITE_LOCATION_MAP.PDF 1/24/2008 12:27:48



LEGEND

- Remedial Investigation Monitoring Well
- Treatment Plant
- Municipal Boundary

N

0 3,500 7,000 14,000
Feet

FIGURE 1-2
LOCATION OF RI WELLS IN SAN FERNANDO VALLEY BASIN

SAN FERNANDO VALLEY BASIN

CH2MHILL

\\CABLECAR\PROJ\USEPA\COMMONFILES\EPASFV\GIS\MAPFILES\2007\2006REPORT\RI_WELL_LOCATION_MAP.MXD FIG_1-2_RI_WELL_LOCATION_MAP.PDF 1/24/2008 12:32:13

SECTION 2.0

2006 Quarterly Sampling Events

2.1 Sampling Activities

Field sampling procedures for each of the 2006 quarterly sampling events followed the revised project Sampling and Analysis Plan (SAP) (E2 Consulting Engineers, 1999a), Quality Assurance Project Plan (QAPP) (E2 Consulting Engineers, 1999b), Addendum No. 2 to the QAPP (E2 Consulting Engineers, 1999c), and Addendum No. 3 to the SAP (E2 Consulting Engineers, 1999d). Water levels were measured in each well immediately after accessing the well and prior to sampling. The measured depth-to-water and calculated groundwater elevation in feet above mean sea level are presented for each well sampled in Table 2-1. During 2006, 24 RI monitoring wells (CS-VPB-04, CS-VPB-08, CS-VPB-11, NH-C01-325, NH-C01-450, NH-C02-220, NH-C05-320, NH-C06-160, NH-VPB-02, NH-VPB-03, NH-VPB-04, NH-VPB-09, NH-VPB-10, NH-VPB-11, NH-VPB-12, NH-VPB-13, NH-VPB-14, PO-VPB-01, PO-VPB-03, PO-VPB-04, PO-VPB-08, PO-VPB-09, PO-VPB-11, and VD-VPB-04) were not sampled during one or more of the quarterly events. Reasons a given well may not have been sampled include: inadequate water levels for pump submergence, inoperable pump, removal of the pump, or surface obstructions.

Well purging consisted of removing three to five well volumes of water at a flow rate between 2 and 12 gallons per minute using the dedicated electric pumps. During purging, pH, temperature, electrical conductivity, and turbidity of the groundwater were measured periodically (Table 2-2) to ensure that these parameters stabilized prior to sampling. Following purging, flow rates were lowered to approximately 1 gallon per minute to minimize aeration prior to sampling. Comparison of historic pH values in the SFV database with pH values obtained during the second and third quarter indicated several suspect low-pH values. These suspect values have been eliminated from Table 2-2 in order to prevent potentially misleading evaluations of geochemical conditions. During the fourth quarter sample event, pH values at all RI monitoring wells are comparable to those in the SFV database.

Purge water from monitoring wells where recent VOC concentrations exceeded the MCLs was collected in a stainless-steel vacuum truck certified “clean” and site-dedicated by Haz Mat Transportation, Inc. Once collected, the purge water was transported to the City of Burbank water treatment facility for disposal. Purge water from monitoring wells where recent VOC concentrations were below the MCLs was diverted into the nearest storm drain.

During all 2006 sampling events, analytical parameters consisted of VOCs, nitrate/nitrite, and hexavalent chromium. Additional analytical parameters included during the 4th Quarter (Annual) sampling event consisted of dissolved metals, perchlorate, total alkalinity, total dissolved solids (TDS), total organic carbon (TOC), and hardness. During the annual sampling event, samples from selected monitoring wells were also collected for analysis of the emerging constituents of concern: 1,2,3-trichloropropane (1,2,3-TCP), 1,4-dioxane, and n-

nitrosodimethylamine (NDMA). Major anions (chloride, fluoride, and sulfate) were analyzed during the first and fourth quarter events.

In support of the analytical needs of the North Hollywood OU Focused Feasibility Study, additional analyses for emerging constituents of concern (1,2,3-TCP, 1,4-dioxane, and/or NDMA) were collected at selected wells during each of the 2006 quarterly events.

Samples collected were preserved according to the methodology presented in the QAPP and Addendum No. 2 to the QAPP, stored in coolers packed with ice, and were shipped the day of sampling by overnight carrier to USEPA's Region 9 laboratory and other laboratories designated by the USEPA's Contract Laboratory Program (CLP). Samples collected in support of the NHOU Focused Feasibility Study were preserved in a similar manner; however, the samples for the emerging constituents of concern were picked up by courier for delivery to a local Southern California laboratory assigned through an interagency agreement with the U.S. Army Corps of Engineers (ACOE).

State of California and federal MCLs and other water quality goals are listed in Table 2-3. Parameters were analyzed, chain-of-custody procedures followed, and samples documented as outlined in the SAP and QAPP. Copies of field quality assurance/quality control documentation for the first, second, third, and fourth quarter sampling events are provided in Appendix D.

2.1.1 First Quarter

The first quarter 2006 sampling event was designated as a quarterly event. During this event, 47 monitoring wells (22 VPBs and 25 cluster wells) were sampled. Sixty-five samples were collected and analyzed, including quality control samples (field blanks, laboratory blanks, and field duplicates). Samples collected by CH2M HILL were analyzed for VOCs (including methyl tertiary butyl ether [MTBE]), nitrate/nitrite, and hexavalent chromium through CLP laboratories. For a selected set of 17 RI monitoring wells in the NHOU, additional samples were collected for dissolved metals, perchlorate, total alkalinity, total TDS, TOC, sulfide, and the emerging constituents of concern. Approximately 11,324 gallons of purge water were collected during the first quarter sampling event.

2.1.2 Second Quarter

The second quarter 2006 sampling event was also designated as a quarterly event. During this event, 47 monitoring wells (26 VPBs and 21 cluster wells) were sampled. Fifty-nine samples were collected and analyzed, including quality control samples. Samples collected by CH2M HILL were analyzed for VOCs (including MTBE), nitrate/nitrite, and hexavalent chromium through CLP laboratories. Additional samples for dissolved metals and hexavalent chromium were collected as split samples from 16 facility monitoring wells and submitted to the EPA Region 9 laboratory for analysis. For a selected set of 13 RI monitoring wells in the NHOU, additional samples were collected for dissolved metals, perchlorate, total alkalinity, TDS, TOC, sulfide and the emerging constituents of concern. Approximately 10,955 gallons of purge water were collected during the second quarter sampling event.

2.1.3 Third Quarter

The third quarter 2006 sampling event was designated as a quarterly event. During this event 49 monitoring wells (27 VPBs and 22 cluster wells) were sampled. Sixty-eight samples were collected and analyzed, including quality control samples. Samples collected by CH2M HILL were analyzed for VOCs (including MTBE), nitrate/nitrite, and hexavalent chromium through CLP laboratories. For a selected set of 12 RI monitoring wells and 3 facility monitoring wells in the NHOU, additional samples were collected for dissolved metals, perchlorate, total alkalinity, TDS, TOC, sulfide and the emerging constituents of concern. During the third quarter sampling event, approximately 12,518 gallons of purge water were collected, transported, and delivered to the approved disposal facility.

2.1.4 Fourth Quarter

The fourth quarter 2006 sampling event was designated as an annual event during which 74 RI monitoring wells (32 VPBs and 42 cluster wells) were sampled. One hundred four samples, including quality control samples, were collected and analyzed. Samples collected by CH2M HILL were analyzed for VOCs (including MTBE), nitrate/nitrite, dissolved metals, hexavalent chromium, perchlorate, total alkalinity, TDS, TOC, and hardness through CLP laboratories. Additional samples for hexavalent chromium were collected as split samples from 40 RI monitoring and submitted to the laboratory assigned through the ACOE for analysis as a comparison of method holding times. For a selected set of 6 RI monitoring wells and 3 facility monitoring wells in the NHOU, additional samples were collected for dissolved metals, perchlorate, total alkalinity, TDS, TOC, sulfide and the emerging constituent of concern. During the fourth quarter sampling event, approximately 26,731 gallons of purge water were collected, transported, and delivered to the approved disposal facility.

2.2 Analytical Results

2.2.1 First Quarter

Reported concentrations of TCE at RI monitoring wells ranged from not detected to 5,000 µg/L during the first quarter. Samples from 29 of the 47 RI monitoring wells contained concentrations of TCE exceeding the MCL of 5 µg/L. Ten of the wells had TCE concentrations greater or equal to 100 µg/L, including two wells (CS-VPB-05 and CS-VPB-07) with a concentration over 1,000 µg/L (1,900 µg/L and 5,000 µg/L, respectively). TCE was not detected in groundwater samples from six of the monitoring wells, with the remaining seven monitoring wells containing concentrations between the contract required quantification limit (CRQL) and the MCL.

Concentrations of PCE during the first quarter sampling event ranged from not detected to 210 µg/L (CS-C02-335). Of the 47 RI monitoring wells sampled, 17 had concentrations exceeding the MCL of 5 µg/L, including three wells (CS-C01-285, PO-VPB-02, and CS-C02-335) with concentrations over 100 µg/L (140 µg/L, 140 µg/L, and 210 µg/L, respectively). PCE was not detected in groundwater samples from four of the monitoring wells, with the remaining 26 monitoring wells containing concentrations between the CRQL and the MCL.

Nitrate (as NO_3) ranged from 4.45 milligrams per liter (mg/L) at CS-C03-465 to 80.1 mg/L at NH-C06-160 and PO-VPB-10. Samples from 18 of the 47 RI monitoring wells sampled during the first quarter exceeded the nitrate MCL of 45 mg/L (as NO_3).

Hexavalent chromium concentrations exceeding the method detection limit (MDL) of 0.2 µg/L were detected in samples from 40 of the 47 RI monitoring wells during the first quarter of 2006 (Table 2-9). Concentrations above 50 µg/L were detected in 5 RI monitoring wells: CS-VPB-03 with 53 µg/L, CS-C05-160 with 56 µg/L, CS-C03-100 with 66 µg/L, CS-VPB-05 with 240 µg/L, and PO-VPB-02 with the highest detected concentration of 260 µg/L.

TCE, PCE, and nitrate data from the first quarter sampling event are presented in Table 2-4. Additional VOCs exceeding the MCL at RI monitoring wells are reported in Section 3.0. Appendix E summarizes the analytical results for the wells sampled during the first quarter.

2.2.2 Second Quarter

Reported concentrations of TCE at RI monitoring wells ranged from non-detectable (ND) to 4,000 µg/L during the second quarter. Samples from 33 of the 47 RI monitoring wells containing concentrations of TCE exceeding the MCL of 5 µg/L. Ten of the wells had TCE concentrations greater than 100 µg/L, including four wells (CS-C03-100, CS-VPB-05, CS-VPB-04, and CS-VPB-07) with concentrations over 1,000 µg/L (1,3000 µg/L, 2,100 µg/L, 3,300 µg/L, and 3,600 µg/L, respectively). TCE concentrations at eight of the monitoring wells were flagged as ND, with the remaining six monitoring wells having concentrations between the CRQL and the MCL.

Concentrations of PCE during the second quarter sampling event ranged from ND to 210 µg/L (CS-VPB-08). Samples from 22 of the 47 RI monitoring wells exhibited concentrations of PCE exceeding the MCL of 5 µg/L, including four wells (CS-C01-285, CS-VPB-04, CS-C02-335, and CS-VPB-08) with concentrations over 100 µg/L (120 µg/L, 130 µg/L, 180 µg/L, and 210 µg/L, respectively). The PCE concentrations at four monitoring wells were flagged as ND and the remaining 21 monitoring wells had PCE concentrations between the CRQL and the MCL.

Nitrate (as NO_3) ranged from 4.9 mg/L at CS-C03-465 to 97.9 mg/L at CS-C01-105. Samples from 21 of the 47 RI monitoring wells sampled during the second quarter exceeded the nitrate MCL of 45 mg/L (as NO_3).

Hexavalent chromium concentrations exceeding the MDL of 0.2 µg/L were detected in 39 of the 47 RI monitoring wells during the second quarter of 2006 (Table 2-10). Concentrations above 50 µg/L were detected in six RI monitoring wells: CS-VPB-03 with 56 µg/L, CS-C03-100 with 59 µg/L, CS-C05-160 with 65 µg/L, CS-VPB-04 with 130 µg/L, PO-VPB-02 with 220 µg/L, and CS-VPB-05 with the highest detected concentration of 260 µg/L.

TCE, PCE, and nitrate data from the second quarter sampling event are presented in Table 2-5. Additional VOCs exceeding the MCL at RI monitoring wells are reported in Section 3.0. Appendix E summarizes the analytical results for the wells sampled during the second quarter.

2.2.3 Third Quarter

At the 49 RI monitoring wells sampled during the third quarter sampling event, TCE concentrations ranged from not detected to 4,200 µg/L at CS-VPB-04. Thirty-three of the wells had reported concentrations of TCE exceeding 5 µg/L, including 11 with concentrations over 100 µg/L. Samples from three of these monitoring wells contained TCE concentrations of 1,000 µg/L or above (CS-VPB-05 with 1,100 µg/L, CS-C03-100 with 1,400 µg/L, and CS-VPB-04 with 4,200 µg/L).

Concentrations of PCE ranged from not detected to 290 µg/L at CS-VPB-08. Samples from 27 of the 49 RI monitoring wells had concentrations of PCE exceeding the MCL of 5 µg/L. Six of these wells (CS-C03-100, PO-VPB-02, CS-C01-285, CS-VPB-04, CS-C02-335, and CS-VPB-08) had PCE concentrations above 100 µg/L. Twenty-one monitoring wells had PCE concentrations below the MCL. PCE was not detected in CS-VPB-03.

During the third quarter, nitrate (as NO_3) concentrations ranged from 5.3 mg/L at CS-C03-465 to 80.1 mg/L at CS-C01-105 and NH-C06-160. Samples from 24 of the 44 wells sampled during this event contained concentrations of nitrate (as NO_3) greater than the MCL of 45 mg/L.

Hexavalent chromium concentrations exceeding the MDL of 0.2 µg/L were observed in 42 RI monitoring wells during the third quarter of 2006 (Table 2-10). Concentrations above 50 µg/L were detected in 5 RI monitoring wells: CS-VPB-03 with 62 µg/L, CS-C03-100 with 75 µg/L, CS-VPB-04 with 260 µg/L, PO-VPB-02 with 350 µg/L, and CS-VPB-05 with the highest detected concentration of 360 µg/L.

TCE, PCE, and nitrate data from the third quarter sampling event are presented in Table 2-6. Additional VOCs exceeding the MCL at RI monitoring wells are reported in Section 3.0. Appendix E summarizes the analytical results for the wells sampled during the third quarter.

2.2.4 Fourth Quarter

At the 74 RI monitoring wells sampled during the fourth quarter sampling event, TCE concentrations ranged from not detected at 16 monitoring wells to 3,000 µg/L at CS-VPB-04. Samples from 33 of the monitoring wells contained concentrations of TCE exceeding 5 µg/L, including 10 monitoring wells with concentrations over 100 µg/L, two of which had concentrations above 1,000 µg/L (CS-C03-100 with 1,200 µg/L and CS-VPB-04 with 3,000 µg/L).

Concentrations of PCE ranged from not detected to 230 µg/L at CS-VPB-08. Samples from 24 of the 74 RI monitoring wells contained concentrations of PCE exceeding the MCL of 5 µg/L during the fourth quarter event. Four of these wells (CS-C01-285, CS-VPB-04, CS-C02-335, and CS-VPB-08) had PCE concentrations above 100 µg/L.

During the fourth quarter, nitrate (as NO_3) concentrations ranged from not detected at three monitoring wells to 80.1 mg/L at PO-VPB-10. Samples from 21 of the 74 wells sampled during this event contained nitrate (as NO_3) concentrations greater than the MCL of 45 mg/L.

Hexavalent chromium concentrations exceeding the MDL of 0.2 µg/L were detected in 55 RI monitoring wells during the fourth quarter of 2006 (Table 2-10). Concentrations above 50 µg/L were detected in 4 RI monitoring wells: CS-C03-100 with 84 µg/L, PO-VPB-02 with 240 µg/L, CS-VPB-04 with 260 µg/L, and CS-VPB-05 with the highest detected concentration of 340 µg/L.

TCE, PCE, and nitrate data from the fourth quarter sampling event are presented in Table 2-7. Results of the general water chemistry observed during the annual event of 2006 are presented in Table 2-8; the results of dissolved metals exceeding water quality thresholds are in Table 2-9; and a quarterly comparison of hexavalent chromium concentrations is presented in Table 2-10. Appendix E summarizes the complete analytical results for the wells sampled during the fourth quarter.

TABLE 2-1
Groundwater Elevation - First, Second, Third, and Fourth Quarters 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Sample Date	Depth to Water (ft bgs)	Groundwater Elevation (ft msl)
CS-C01-105	3/15/2006	92.94	449.45
CS-C01-105	7/10/2006	93.08	449.31
CS-C01-105	10/13/2006	91.18	451.21
CS-C01-105	12/28/2006	90.73	451.66
CS-C01-285	3/27/2006	91.79	450.69
CS-C01-285	7/10/2006	91.82	450.66
CS-C01-285	10/13/2006	90.09	452.39
CS-C01-285	12/28/2006	89.95	452.53
CS-C01-558	NS	NM	NM
CS-C01-558	NS	NM	NM
CS-C01-558	NS	NM	NM
CS-C01-558	12/13/2006	91.32	451.23
CS-C02-062	3/24/2006	40.65	435.1
CS-C02-062	7/11/2006	40.57	435.18
CS-C02-062	10/16/2006	39.45	436.3
CS-C02-062	1/4/2007	39.28	436.47
CS-C02-180	3/24/2006	40.34	435.25
CS-C02-180	7/11/2006	39.97	435.62
CS-C02-180	10/16/2006	39.1	436.49
CS-C02-180	1/4/2007	38.87	436.72
CS-C02-250	3/24/2006	40.07	435.53
CS-C02-250	7/11/2006	39.82	435.78
CS-C02-250	10/16/2006	38.78	436.82
CS-C02-250	1/4/2007	38.63	436.97
CS-C02-335	3/24/2006	37.87	437.99
CS-C02-335	7/11/2006	39.93	435.93
CS-C02-335	10/16/2006	36.67	439.19
CS-C02-335	1/4/2007	38.11	437.75
CS-C03-100	3/27/2006	54.75	432.6
CS-C03-100	7/10/2006	55.77	431.58
CS-C03-100	10/11/2006	53.65	433.7
CS-C03-100	12/28/2006	53.19	434.16
CS-C03-325	NS	NM	NM
CS-C03-325	NS	NM	NM
CS-C03-325	NS	NM	NM
CS-C03-325	12/12/2006	55.15	432.39
CS-C03-465	3/17/2006	57.87	430.26
CS-C03-465	6/27/2006	57.31	430.82
CS-C03-465	10/11/2006	55.9	432.23
CS-C03-465	12/28/2006	55.55	432.58

Well ID	Sample Date	Depth to Water (ft bgs)	Groundwater Elevation (ft msl)
CS-C03-550	NS	NM	NM
CS-C03-550	NS	NM	NM
CS-C03-550	NS	NM	NM
CS-C03-550	12/12/2006	54.35	432.92
CS-C04-290	3/17/2006	47.54	430.68
CS-C04-290	7/6/2006	48.47	429.75
CS-C04-290	10/11/2006	46.72	431.5
CS-C04-290	1/3/2007	46.41	431.81
CS-C04-382	3/17/2006	47.41	430.35
CS-C04-382	7/6/2006	48.74	429.02
CS-C04-382	10/11/2006	46.61	431.15
CS-C04-382	1/3/2007	46.26	431.5
CS-C04-520	NS	NM	NM
CS-C04-520	NS	NM	NM
CS-C04-520	NS	NM	NM
CS-C04-520	12/13/2006	46.43	431.45
CS-C05-160	3/17/2006	34.3	424.57
CS-C05-160	7/5/2006	35.33	423.54
CS-C05-160	10/13/2006	34.33	424.54
CS-C05-160	1/2/2007	33.49	425.38
CS-C05-290	3/17/2006	34.63	424.68
CS-C05-290	7/5/2006	35.28	424.03
CS-C05-290	10/13/2006	34.23	425.08
CS-C05-290	1/2/2007	33.71	425.6
CS-C06-185	3/20/2006	36.57	419.12
CS-C06-185	7/6/2006	38.07	417.62
CS-C06-185	10/12/2006	36.18	419.51
CS-C06-185	1/4/2007	36.18	419.51
CS-C06-278	NS	NM	NM
CS-C06-278	NS	NM	NM
CS-C06-278	NS	NM	NM
CS-C06-278	12/14/2006	36.7	418.67
CS-VPB-01	3/24/2006	58.41	440.12
CS-VPB-01	7/11/2006	58.27	440.26
CS-VPB-01	10/9/2006	56.6	441.93
CS-VPB-01	12/28/2006	56.74	441.79
CS-VPB-02	NS	NM	NM
CS-VPB-02	NS	NM	NM
CS-VPB-02	10/10/2006	64.03	443.47
CS-VPB-02	11/29/2006	63.75	443.75

TABLE 2-1
Groundwater Elevation - First, Second, Third, and Fourth Quarters 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Sample Date	Depth to Water (ft bgs)	Groundwater Elevation (ft msl)
CS-VPB-03	3/17/2006	62.94	454.88
CS-VPB-03	6/27/2006	63.14	454.68
CS-VPB-03	10/17/2006	61.13	456.69
CS-VPB-03	1/2/2007	60.66	457.16
CS-VPB-04	NS	NM	NM
CS-VPB-04	7/19/2006	48.49	429.98
CS-VPB-04	10/11/2006	18.8	459.67
CS-VPB-04	1/3/2007	48.51	429.96
CS-VPB-05	3/27/2006	34.75	424.86
CS-VPB-05	7/10/2006	35.37	424.24
CS-VPB-05	10/13/2006	34.86	424.75
CS-VPB-05	1/2/2007	34.03	425.58
CS-VPB-06	3/27/2006	37.84	417.6
CS-VPB-06	7/11/2006	38.66	416.78
CS-VPB-06	10/12/2006	37.42	418.02
CS-VPB-06	1/4/2007	37.4	418.04
CS-VPB-07	3/28/2006	60.64	433.8
CS-VPB-07	7/11/2006	61.14	433.3
CS-VPB-07	10/11/2006	59.38	435.06
CS-VPB-07	1/3/2007	59.19	435.25
CS-VPB-08	NS	NM	NM
CS-VPB-08	7/10/2006	51.36	431.69
CS-VPB-08	10/12/2006	50.6	432.45
CS-VPB-08	12/27/2006	50.28	432.77
CS-VPB-09	3/20/2006	50.95	434.78
CS-VPB-09	6/27/2006	51.53	434.2
CS-VPB-09	10/16/2006	50.32	435.41
CS-VPB-09	12/11/2006	50.2	435.53
CS-VPB-10	3/20/2006	62.75	416.91
CS-VPB-10	7/5/2006	63.18	416.48
CS-VPB-10	10/12/2006	62.13	417.53
CS-VPB-10	1/5/2007	62.71	416.95
CS-VPB-11	NS	NM	NM
CS-VPB-11	7/6/2006	19.65	486.43
CS-VPB-11	10/17/2006	79.98	426.1
CS-VPB-11	1/3/2007	79.72	426.36
NH-C01-325	NS	NM	NM
NH-C01-325	7/7/2006	284.85	496.58
NH-C01-325	10/3/2006	283.99	497.44
NH-C01-325	12/20/2006	285.7	495.73

Well ID	Sample Date	Depth to Water (ft bgs)	Groundwater Elevation (ft msl)
NH-C01-450	NS	NM	NM
NH-C01-450	NS	NM	NM
NH-C01-450	NS	NM	NM
NH-C01-450	NS	NM	NM
NH-C01-660	NS	NM	NM
NH-C01-660	NS	NM	NM
NH-C01-660	NS	NM	NM
NH-C01-660	12/1/2006	286.8	494.5
NH-C01-780	NS	NM	NM
NH-C01-780	NS	NM	NM
NH-C01-780	NS	NM	NM
NH-C01-780	12/1/2006	287.78	493.69
NH-C02-220	3/23/2006	185.32	471.78
NH-C02-220	NS	NM	NM
NH-C02-220	10/6/2006	181.61	475.49
NH-C02-220	12/21/2006	180.56	476.54
NH-C02-325	3/14/2006	182.64	474.08
NH-C02-325	7/7/2006	182.87	473.85
NH-C02-325	10/9/2006	181.43	475.29
NH-C02-325	12/21/2006	179.98	476.74
NH-C02-520	3/23/2006	178.92	478.12
NH-C02-520	7/7/2006	180.92	476.12
NH-C02-520	10/9/2006	180.22	476.82
NH-C02-520	12/21/2006	179.32	477.72
NH-C02-681	NS	NM	NM
NH-C02-681	NS	NM	NM
NH-C02-681	NS	NM	NM
NH-C02-681	11/30/2006	173.73	483.23
NH-C03-380	3/15/2006	225	483.15
NH-C03-380	6/21/2006	223.36	484.79
NH-C03-380	10/5/2006	228.83	479.32
NH-C03-380	12/5/2006	221.91	486.24
NH-C03-580	3/15/2006	222.97	485.73
NH-C03-580	6/21/2006	221.98	486.72
NH-C03-580	NS	NM	NM
NH-C03-580	12/5/2006	221.63	487.07
NH-C03-680	3/15/2006	221.45	486.57
NH-C03-680	NS	NM	NM
NH-C03-680	NS	NM	NM
NH-C03-680	12/5/2006	220.22	487.8

TABLE 2-1
Groundwater Elevation - First, Second, Third, and Fourth Quarters 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Sample Date	Depth to Water (ft bgs)	Groundwater Elevation (ft msl)
NH-C03-800	NS	NM	NM
NH-C03-800	NS	NM	NM
NH-C03-800	NS	NM	NM
NH-C03-800	12/5/2006	218.96	489.59
NH-C04-240	NS	NM	NM
NH-C04-240	NS	NM	NM
NH-C04-240	NS	NM	NM
NH-C04-240	12/6/2006	96.28	461.6
NH-C04-375	NS	NM	NM
NH-C04-375	NS	NM	NM
NH-C04-375	NS	NM	NM
NH-C04-375	12/6/2006	90.28	467.47
NH-C04-560	NS	NM	NM
NH-C04-560	NS	NM	NM
NH-C04-560	NS	NM	NM
NH-C04-560	12/6/2006	87.65	469.69
NH-C05-320	NS	NM	NM
NH-C05-320	NS	NM	NM
NH-C05-320	NS	NM	NM
NH-C05-320	NS	NM	NM
NH-C05-460	3/23/2006	280.41	491.74
NH-C05-460	7/7/2006	277.87	494.28
NH-C05-460	10/9/2006	279.81	492.34
NH-C05-460	12/20/2006	281.91	490.24
NH-C06-160	3/15/2006	122.18	467.32
NH-C06-160	NS	NM	NM
NH-C06-160	10/6/2006	120.3	469.2
NH-C06-160	12/11/2006	119.55	469.95
NH-C06-285	3/15/2006	123.66	465.58
NH-C06-285	6/23/2006	124.49	464.75
NH-C06-285	10/10/2006	122.49	466.75
NH-C06-285	12/26/2006	122.72	466.52
NH-C06-425	NS	NM	NM
NH-C06-425	NS	NM	NM
NH-C06-425	NS	NM	NM
NH-C06-425	12/11/2006	121.25	468.19
NH-VPB-01	3/16/2006	105.83	453.3
NH-VPB-01	6/22/2006	105.57	453.56
NH-VPB-01	10/10/2006	104.24	454.89
NH-VPB-01	12/27/2006	103.5	455.63

Well ID	Sample Date	Depth to Water (ft bgs)	Groundwater Elevation (ft msl)
NH-VPB-02	3/16/2006	227.85	482.15
NH-VPB-02	NS	NM	NM
NH-VPB-02	10/3/2006	222.2	487.8
NH-VPB-02	12/26/2006	228.2	481.8
NH-VPB-03	NS	NM	NM
NH-VPB-03	NS	NM	NM
NH-VPB-03	NS	NM	NM
NH-VPB-03	NS	NM	NM
NH-VPB-04	NS	NM	NM
NH-VPB-04	6/23/2006	187.54	444
NH-VPB-04	10/6/2006	155.77	475.77
NH-VPB-04	11/30/2006	155.07	476.47
NH-VPB-05	3/14/2006	184.28	472.4
NH-VPB-05	6/21/2006	182.45	474.23
NH-VPB-05	10/9/2006	181.2	475.48
NH-VPB-05	12/27/2006	179.63	477.05
NH-VPB-06	3/23/2006	259.14	487.25
NH-VPB-06	6/21/2006	255.22	491.17
NH-VPB-06	10/3/2006	257.52	488.87
NH-VPB-06	12/11/2006	258.8	487.59
NH-VPB-07	3/16/2006	267.45	488.37
NH-VPB-07	6/23/2006	263.29	492.53
NH-VPB-07	10/5/2006	261.9	493.92
NH-VPB-07	12/11/2006	263	492.82
NH-VPB-08	3/14/2006	191.18	477.5
NH-VPB-08	6/23/2006	180.84	487.84
NH-VPB-08	10/9/2006	188.51	480.17
NH-VPB-08	12/27/2006	187.02	481.66
NH-VPB-09	NS	NM	NM
NH-VPB-09	NS	NM	NM
NH-VPB-09	NS	NM	NM
NH-VPB-09	NS	NM	NM
NH-VPB-10	NS	NM	NM
NH-VPB-10	NS	NM	NM
NH-VPB-10	NS	NM	NM
NH-VPB-10	NS	NM	NM
NH-VPB-11	NS	NM	NM
NH-VPB-11	NS	NM	NM
NH-VPB-11	NS	NM	NM
NH-VPB-11	NS	NM	NM

TABLE 2-1
Groundwater Elevation - First, Second, Third, and Fourth Quarters 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Sample Date	Depth to Water (ft bgs)	Groundwater Elevation (ft msl)
NH-VPB-12	NS	NM	NM
NH-VPB-12	NS	NM	NM
NH-VPB-12	NS	NM	NM
NH-VPB-12	NS	NM	NM
NH-VPB-13	NS	NM	NM
NH-VPB-13	NS	NM	NM
NH-VPB-13	NS	NM	NM
NH-VPB-13	NS	NM	NM
NH-VPB-14	NS	NM	NM
NH-VPB-14	NS	NM	NM
NH-VPB-14	NS	NM	NM
NH-VPB-14	NS	NM	NM
PO-C01-195	3/21/2006	44.25	399.47
PO-C01-195	7/6/2006	44.57	399.15
PO-C01-195	10/13/2006	44.22	399.5
PO-C01-195	1/5/2007	43.79	399.93
PO-C01-354	NS	NM	NM
PO-C01-354	NS	NM	NM
PO-C01-354	NS	NM	NM
PO-C01-354	12/15/2006	42.59	399.71
PO-C02-053	3/21/2006	37.37	389.25
PO-C02-053	NS	NM	NM
PO-C02-053	NS	NM	NM
PO-C02-053	12/18/2006	37.67	388.95
PO-C02-205	NS	NM	NM
PO-C02-205	NS	NM	NM
PO-C02-205	NS	NM	NM
PO-C02-205	12/18/2006	35.15	391.64
PO-C03-182	3/21/2006	47.54	337.61
PO-C03-182	NS	NM	NM
PO-C03-182	NS	NM	NM
PO-C03-182	12/15/2006	60.93	324.22
PO-C03-235	NS	NM	NM
PO-C03-235	NS	NM	NM
PO-C03-235	NS	NM	NM
PO-C03-235	12/15/2006	60.86	324.13
PO-VPB-01	3/20/2006	24.85	386.48
PO-VPB-01	NS	NM	NM
PO-VPB-01	NS	NM	NM
PO-VPB-01	12/18/2006	25.3	386.03

Well ID	Sample Date	Depth to Water (ft bgs)	Groundwater Elevation (ft msl)
PO-VPB-02	3/28/2006	44.13	399.28
PO-VPB-02	7/11/2006	44.61	398.8
PO-VPB-02	10/13/2006	44.31	399.1
PO-VPB-02	1/5/2007	43.79	399.62
PO-VPB-03	NS	NM	NM
PO-VPB-03	6/27/2006	43.6	342.51
PO-VPB-03	10/16/2006	48.65	337.46
PO-VPB-03	12/15/2006	50.31	335.8
PO-VPB-04	NS	NM	NM
PO-VPB-04	NS	NM	NM
PO-VPB-04	NS	NM	NM
PO-VPB-04	NS	NM	NM
PO-VPB-05	NS	NM	NM
PO-VPB-05	NS	NM	NM
PO-VPB-05	NS	NM	NM
PO-VPB-05	12/18/2006	46.5	320.07
PO-VPB-06	NS	NM	NM
PO-VPB-06	NS	NM	NM
PO-VPB-06	NS	NM	NM
PO-VPB-06	12/18/2006	26.98	319.49
PO-VPB-07	3/24/2006	59.42	334.82
PO-VPB-07	7/11/2006	64.25	329.99
PO-VPB-07	10/17/2006	71.13	323.11
PO-VPB-07	1/5/2007	71.9	322.34
PO-VPB-08	NS	NM	NM
PO-VPB-08	7/11/2006	18.49	312.81
PO-VPB-08	10/5/2006	18.22	313.08
PO-VPB-08	12/18/2006	18.32	312.98
PO-VPB-09	NS	NM	NM
PO-VPB-09	NS	NM	NM
PO-VPB-09	NS	NM	NM
PO-VPB-09	NS	NM	NM
PO-VPB-10	3/21/2006	60.39	412.41
PO-VPB-10	7/6/2006	60.81	411.99
PO-VPB-10	NS	NM	NM
PO-VPB-10	12/14/2006	59.7	413.1
PO-VPB-11	NS	NM	NM
PO-VPB-11	NS	NM	NM
PO-VPB-11	NS	NM	NM
PO-VPB-11	NS	NM	NM

TABLE 2-1
Groundwater Elevation - First, Second, Third, and Fourth Quarters 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Sample Date	Depth to Water (ft bgs)	Groundwater Elevation (ft msl)
VD-VPB-01	3/21/2006	167.15	1228.21
VD-VPB-01	7/5/2006	164.35	1231.01
VD-VPB-01	10/4/2006	158.44	1236.92
VD-VPB-01	12/19/2006	157.42	1237.94
VD-VPB-02	3/22/2006	82.87	1086.16
VD-VPB-02	7/6/2006	83.78	1085.25
VD-VPB-02	10/4/2006	84.09	1084.94
VD-VPB-02	12/19/2006	85.52	1083.51
VD-VPB-03	3/22/2006	13.57	802.56
VD-VPB-03	7/5/2006	13.4	802.73
VD-VPB-03	10/4/2006	13	803.13
VD-VPB-03	12/19/2006	14.03	802.1
VD-VPB-04	NS	NM	NM
VD-VPB-04	NS	NM	NM
VD-VPB-04	NS	NM	NM
VD-VPB-04	NS	NM	NM
VD-VPB-05	3/22/2006	110.11	1106.02
VD-VPB-05	7/5/2006	110.5	1105.63
VD-VPB-05	10/4/2006	109.4	1106.73
VD-VPB-05	12/19/2006	110.83	1105.3
VD-VPB-06	3/22/2006	35.5	1612.33
VD-VPB-06	7/5/2006	57.05	1590.78
VD-VPB-06	10/4/2006	56.82	1591.01
VD-VPB-06	12/19/2006	57.54	1590.29
VD-VPB-07	3/22/2006	162.95	1681.82
VD-VPB-07	NS	NM	NM
VD-VPB-07	NS	NM	NM
VD-VPB-07	12/19/2006	171.03	1673.74

Notes:
ft bgs = Feet below ground surface
ft msl = Feet mean sea level
NM = Not measured
NS = Not sampled

TABLE 2-2
Final Field Measurements - First, Second, Third, and Fourth Quarters 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Sample Date	Volume Purged (gal)	Temperature (deg C)	pH (pH units)	Electrical Conductivity (µS/cm)	Turbidity (NTU)
CS-C01-105	3/15/2006	34	18.88	6.93	171	0.1
CS-C01-105	7/10/2006	35	20.28	NA	1690	4.4
CS-C01-105	10/13/2006	50	19.74	NA	1430	0.7
CS-C01-105	12/28/2006	49	20.39	7.34	1430	0.51
CS-C01-285	3/27/2006	364	22.22	NA	900	14
CS-C01-285	7/10/2006	414	19.65	NA	536	5.6
CS-C01-285	10/13/2006	413	18.52	NA	581	0
CS-C01-285	12/28/2006	463	19.57	7.61	751	2.02
CS-C01-558	NS	NA	NA	NA	NA	NA
CS-C01-558	NS	NA	NA	NA	NA	NA
CS-C01-558	NS	NA	NA	NA	NA	NA
CS-C01-558	12/13/2006	982	21.52	7.79	682	1.3
CS-C02-062	3/24/2006	75	21.17	7.15	1240	1
CS-C02-062	7/11/2006	73	21.14	NA	1570	16
CS-C02-062	10/16/2006	78	19.15	NA	1200	0
CS-C02-062	1/4/2007	120	19.23	7.36	1270	3.64
CS-C02-180	3/24/2006	329	21.12	7.68	NA	13
CS-C02-180	7/11/2006	625	20.56	NA	638	6.4
CS-C02-180	10/16/2006	307	19.50	NA	1170	4.8
CS-C02-180	1/4/2007	316	19.48	7.71	1150	9.15
CS-C02-250	3/24/2006	437	21.28	7.78	NA	15
CS-C02-250	7/11/2006	430	21.00	NA	609	11
CS-C02-250	10/16/2006	456	18.91	NA	632	0.2
CS-C02-250	1/4/2007	474	19.32	7.62	783	2.05
CS-C02-335	3/24/2006	604	21.86	7.43	900	0.05
CS-C02-335	7/11/2006	294	20.95	NA	979	8.8
CS-C02-335	10/16/2006	672	18.92	NA	633	0.3
CS-C02-335	1/4/2007	643	19.43	7.54	800	3.5
CS-C03-100	3/27/2006	111	22.04	7.37	1060	0.8
CS-C03-100	7/10/2006	97	22.68	6.86	908	4.7
CS-C03-100	10/11/2006	250	21.92	7.23	954	0
CS-C03-100	12/28/2006	119	19.40	7.52	1110	0.88

TABLE 2-2
Final Field Measurements - First, Second, Third, and Fourth Quarters 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Sample Date	Volume Purged (gal)	Temperature (deg C)	pH (pH units)	Electrical Conductivity (µS/cm)	Turbidity (NTU)
CS-C03-325	NS	NA	NA	NA	NA	NA
CS-C03-325	NS	NA	NA	NA	NA	NA
CS-C03-325	NS	NA	NA	NA	NA	NA
CS-C03-325	12/12/2006	813	21.17	8.04	910	4.1
CS-C03-465	3/17/2006	816	21.58	7.85	566	3.3
CS-C03-465	6/27/2006	841	21.40	NA	417	5
CS-C03-465	10/11/2006	866	20.61	NA	457	0.15
CS-C03-465	12/28/2006	841	19.18	7.83	562	1.92
CS-C03-550	NS	NA	NA	NA	NA	NA
CS-C03-550	NS	NA	NA	NA	NA	NA
CS-C03-550	NS	NA	NA	NA	NA	NA
CS-C03-550	12/12/2006	1028	20.97	7.76	564	2.8
CS-C04-290	3/17/2006	497	20.53	7.60	563	0.5
CS-C04-290	7/6/2006	522	19.86	NA	417	4.2
CS-C04-290	10/11/2006	536	18.60	NA	449	2.1
CS-C04-290	1/3/2007	538	18.43	7.84	551	1.81
CS-C04-382	3/17/2006	695	20.59	7.70	627	0.15
CS-C04-382	7/6/2006	710	20.14	NA	455	4.7
CS-C04-382	10/11/2006	742	19.16	NA	506	2.9
CS-C04-382	1/3/2007	734	18.66	7.92	614	3.01
CS-C04-520	NS	NA	NA	NA	NA	NA
CS-C04-520	NS	NA	NA	NA	NA	NA
CS-C04-520	NS	NA	NA	NA	NA	NA
CS-C04-520	12/13/2006	1039	22.04	7.85	995	1.6
CS-C05-160	3/17/2006	273	20.19	7.42	921	NA
CS-C05-160	7/5/2006	282	21.15	7.41	691	3.9
CS-C05-160	10/13/2006	274	19.79	NA	719	0
CS-C05-160	1/2/2007	290	19.50	7.47	840	0.4
CS-C05-290	3/17/2006	509	19.88	7.80	740	0
CS-C05-290	7/5/2006	515	21.98	6.83	543	3.5
CS-C05-290	10/13/2006	535	20.27	NA	396	1.5
CS-C05-290	1/2/2007	548	20.13	7.80	730	1.41

TABLE 2-2
Final Field Measurements - First, Second, Third, and Fourth Quarters 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Sample Date	Volume Purged (gal)	Temperature (deg C)	pH (pH units)	Electrical Conductivity (µS/cm)	Turbidity (NTU)
CS-C06-185	3/20/2006	314	NA	7.37	792	17
CS-C06-185	7/6/2006	309	22.75	7.13	580	5.3
CS-C06-185	10/12/2006	338	20.30	6.94	650	5.4
CS-C06-185	1/4/2007	322	20.94	7.58	778	4.32
CS-C06-278	NS	NA	NA	NA	NA	NA
CS-C06-278	NS	NA	NA	NA	NA	NA
CS-C06-278	NS	NA	NA	NA	NA	NA
CS-C06-278	12/14/2006	490	22.78	8.40	1320	1.9
CS-VPB-01	3/24/2006	102	22.01	7.00	1120	51
CS-VPB-01	7/11/2006	109	20.79	NA	1510	15
CS-VPB-01	10/9/2006	89	19.85	NA	1280	3.5
CS-VPB-01	12/28/2006	112	17.88	7.17	1260	8.48
CS-VPB-02	NS	NA	NA	NA	NA	NA
CS-VPB-02	NS	NA	NA	NA	NA	NA
CS-VPB-02	10/10/2006	80	19.97	NA	1390	0
CS-VPB-02	11/29/2006	119	20.85	6.93	1330	0.1
CS-VPB-03	3/17/2006	92	19.10	7.48	551	1.6
CS-VPB-03	6/27/2006	96	21.12	NA	396	4.8
CS-VPB-03	10/17/2006	106	20.34	NA	439	0
CS-VPB-03	1/2/2007	166	19.56	7.59	541	0.37
CS-VPB-04	NS	NA	NA	NA	NA	NA
CS-VPB-04	7/19/2006	120	73.10	7.10	1400	NA
CS-VPB-04	10/11/2006	433	22.19	NA	1320	1.5
CS-VPB-04	1/3/2007	104	20.88	7.29	1280	4.01
CS-VPB-05	3/27/2006	71	21.61	7.45	1160	2.5
CS-VPB-05	7/10/2006	81	22.34	NA	986	5.9
CS-VPB-05	10/13/2006	81	20.98	NA	1190	0.6
CS-VPB-05	1/2/2007	92	19.85	7.22	1150	1.11
CS-VPB-06	3/27/2006	93	22.35	7.07	1140	0
CS-VPB-06	7/11/2006	90	22.41	NA	948	5.6
CS-VPB-06	10/12/2006	363	19.77	NA	1170	0
CS-VPB-06	1/4/2007	141	20.21	7.14	1170	7.77

TABLE 2-2
Final Field Measurements - First, Second, Third, and Fourth Quarters 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Sample Date	Volume Purged (gal)	Temperature (deg C)	pH (pH units)	Electrical Conductivity (µS/cm)	Turbidity (NTU)
CS-VPB-07	3/28/2006	87	23.38	7.01	1080	20
CS-VPB-07	7/11/2006	114	22.71	7.09	925	45
CS-VPB-07	10/11/2006	149	21.67	7.31	1250	13
CS-VPB-07	1/3/2007	101	21.70	7.34	1240	11.1
CS-VPB-08	NS	NA	NA	NA	NA	NA
CS-VPB-08	7/10/2006	60	20.85	NA	1470	29
CS-VPB-08	10/12/2006	278	20.50	NA	1290	3.9
CS-VPB-08	12/27/2006	121	20.40	7.11	1240	1.62
CS-VPB-09	3/20/2006	86	20.10	7.12	193	20
CS-VPB-09	6/27/2006	73	21.71	NA	2060	37
CS-VPB-09	10/16/2006	71	20.40	NA	1770	37
CS-VPB-09	12/11/2006	53	20.39	7.20	1810	55
CS-VPB-10	3/20/2006	110	18.99	NA	120	11
CS-VPB-10	7/5/2006	95	20.92	NA	914	7.2
CS-VPB-10	10/12/2006	450	20.73	NA	1180	0.1
CS-VPB-10	1/5/2007	118	18.52	7.09	1140	5.88
CS-VPB-11	NS	NA	NA	NA	NA	NA
CS-VPB-11	7/6/2006	209	21.96	6.85	915	8
CS-VPB-11	10/17/2006	99	20.35	NA	1120	25
CS-VPB-11	1/3/2007	99	21.13	7.20	1090	12.8
NH-C01-325	NS	NA	NA	NA	NA	NA
NH-C01-325	7/7/2006	111	20.39	NA	793	4.1
NH-C01-325	10/3/2006	188	18.61	NA	775	1.2
NH-C01-325	12/20/2006	102	18.17	7.09	1000	6.4
NH-C01-660	NS	NA	NA	NA	NA	NA
NH-C01-660	NS	NA	NA	NA	NA	NA
NH-C01-660	NS	NA	NA	NA	NA	NA
NH-C01-660	12/1/2006	839	19.18	7.70	660	0.2
NH-C01-780	NS	NA	NA	NA	NA	NA
NH-C01-780	NS	NA	NA	NA	NA	NA
NH-C01-780	NS	NA	NA	NA	NA	NA
NH-C01-780	12/1/2006	1036	19.27	7.81	613	1.3

TABLE 2-2
Final Field Measurements - First, Second, Third, and Fourth Quarters 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Sample Date	Volume Purged (gal)	Temperature (deg C)	pH (pH units)	Electrical Conductivity (µS/cm)	Turbidity (NTU)
NH-C02-220	3/23/2006	66	22.22	7.43	NA	0.25
NH-C02-220	NS	NA	NA	NA	NA	NA
NH-C02-220	10/6/2006	203	18.63	NA	785	16
NH-C02-220	12/21/2006	98	17.23	7.64	987	31.2
NH-C02-325	3/14/2006	NA	18.50	7.59	709	3.4
NH-C02-325	7/7/2006	411	20.27	NA	581	1.1
NH-C02-325	10/9/2006	350	18.15	NA	651	1.1
NH-C02-325	12/21/2006	346	16.56	7.51	814	23.4
NH-C02-520	3/23/2006	709	21.62	7.91	900	130
NH-C02-520	7/7/2006	706	20.77	NA	531	7.6
NH-C02-520	10/9/2006	719	18.69	NA	591	0.95
NH-C02-520	12/21/2006	723	18.21	7.62	720	55.3
NH-C02-681	NS	NA	NA	NA	NA	NA
NH-C02-681	NS	NA	NA	NA	NA	NA
NH-C02-681	NS	NA	NA	NA	NA	NA
NH-C02-681	11/30/2006	1116	20.27	7.91	457	1.7
NH-C03-380	3/15/2006	366	18.73	NA	617	11
NH-C03-380	NS	NA	NA	NA	NA	NA
NH-C03-380	10/5/2006	385	16.98	NA	496	0.55
NH-C03-380	12/5/2006	447	16.03	7.73	639	0.45
NH-C03-580	3/15/2006	726	18.13	7.63	634	0.95
NH-C03-580	6/21/2006	732	19.23	7.20	480	10
NH-C03-580	NS	NA	NA	NA	NA	NA
NH-C03-580	12/5/2006	767	18.09	7.75	635	8.1
NH-C03-680	3/15/2006	925	18.35	7.82	512	0.7
NH-C03-680	NS	NA	NA	NA	NA	NA
NH-C03-680	NS	NA	NA	NA	NA	NA
NH-C03-680	12/5/2006	958	19.27	7.91	515	0.95
NH-C03-800	NS	NA	NA	NA	NA	NA
NH-C03-800	NS	NA	NA	NA	NA	NA
NH-C03-800	NS	NA	NA	NA	NA	NA
NH-C03-800	12/5/2006	1193	19.91	7.84	463	2.7

TABLE 2-2
Final Field Measurements - First, Second, Third, and Fourth Quarters 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Sample Date	Volume Purged (gal)	Temperature (deg C)	pH (pH units)	Electrical Conductivity (µS/cm)	Turbidity (NTU)
NH-C04-240	NS	NA	NA	NA	NA	NA
NH-C04-240	NS	NA	NA	NA	NA	NA
NH-C04-240	NS	NA	NA	NA	NA	NA
NH-C04-240	12/6/2006	319	19.29	7.87	727	0.3
NH-C04-375	NS	NA	NA	NA	NA	NA
NH-C04-375	NS	NA	NA	NA	NA	NA
NH-C04-375	NS	NA	NA	NA	NA	NA
NH-C04-375	12/6/2006	633	21.05	8.01	693	0.35
NH-C04-560	NS	NA	NA	NA	NA	NA
NH-C04-560	NS	NA	NA	NA	NA	NA
NH-C04-560	NS	NA	NA	NA	NA	NA
NH-C04-560	12/6/2006	980	21.90	8.28	719	4.2
NH-C05-460	3/23/2006	387	21.09	7.76	959	NA
NH-C05-460	7/7/2006	400	19.73	NA	524	4.6
NH-C05-460	10/9/2006	421	17.14	NA	573	0.2
NH-C05-460	12/20/2006	356	15.88	7.40	697	79.7
NH-C06-160	3/15/2006	125	19.26	7.52	877	1.5
NH-C06-160	NS	NA	NA	NA	NA	NA
NH-C06-160	10/6/2006	118	20.73	NA	726	0.75
NH-C06-160	12/11/2006	124	21.59	7.62	953	1.4
NH-C06-285	3/15/2006	357	20.06	7.54	954	2.4
NH-C06-285	6/23/2006	373	22.68	7.08	NA	86
NH-C06-285	10/10/2006	393	20.74	NA	816	0
NH-C06-285	12/26/2006	409	19.34	7.51	910	0.68
NH-C06-425	NS	NA	NA	NA	NA	NA
NH-C06-425	NS	NA	NA	NA	NA	NA
NH-C06-425	NS	NA	NA	NA	NA	NA
NH-C06-425	12/11/2006	650	21.76	7.70	1240	2
NH-VPB-01	3/16/2006	111	21.24	7.33	108	6.6
NH-VPB-01	6/22/2006	107	20.88	6.99	891	16
NH-VPB-01	10/10/2006	100	19.25	NA	973	28
NH-VPB-01	12/27/2006	89	18.33	7.41	1110	10.78

TABLE 2-2
Final Field Measurements - First, Second, Third, and Fourth Quarters 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Sample Date	Volume Purged (gal)	Temperature (deg C)	pH (pH units)	Electrical Conductivity (µS/cm)	Turbidity (NTU)
NH-VPB-02	3/16/2006	71	20.86	7.60	95	8.9
NH-VPB-02	NS	NA	NA	NA	NA	NA
NH-VPB-02	10/3/2006	70	21.89	NA	796	18
NH-VPB-02	12/26/2006	100	20.19	7.60	920	0.37
NH-VPB-04	NS	NA	NA	NA	NA	NA
NH-VPB-04	6/23/2006	62	21.79	NA	667	5
NH-VPB-04	10/6/2006	75	19.69	NA	782	1.4
NH-VPB-04	11/30/2006	60	20.97	7.55	949	0.75
NH-VPB-05	3/14/2006	81	18.00	7.17	973	0.3
NH-VPB-05	6/21/2006	77	20.15	6.95	758	NA
NH-VPB-05	10/9/2006	73	18.93	NA	887	0.4
NH-VPB-05	12/27/2006	100	18.41	7.47	950	1.84
NH-VPB-06	3/23/2006	133	20.93	7.66	999	0
NH-VPB-06	6/21/2006	195	19.29	6.87	739	NA
NH-VPB-06	10/3/2006	145	18.08	NA	773	1.1
NH-VPB-06	12/11/2006	126	17.08	7.32	976	0.55
NH-VPB-07	3/16/2006	88	20.17	7.20	858	4.5
NH-VPB-07	6/23/2006	158	20.37	NA	710	35
NH-VPB-07	10/5/2006	95	19.46	NA	843	0.25
NH-VPB-07	12/11/2006	86	18.44	7.14	980	0.45
NH-VPB-08	NS	NA	NA	NA	NA	NA
NH-VPB-08	6/23/2006	255	19.68	NA	601	5.4
NH-VPB-08	10/9/2006	124	18.76	NA	1150	4.2
NH-VPB-08	12/27/2006	278	18.27	7.05	1100	9.71
PO-C01-195	3/21/2006	358	19.12	7.34	825	40
PO-C01-195	7/6/2006	321	21.55	6.89	613	4.3
PO-C01-195	10/13/2006	332	19.53	6.94	669	0.3
PO-C01-195	1/5/2007	327	19.63	7.32	822	1.51
PO-C01-354	NS	NA	NA	NA	NA	NA
PO-C01-354	NS	NA	NA	NA	NA	NA
PO-C01-354	NS	NA	NA	NA	NA	NA
PO-C01-354	12/15/2006	717	21.35	8.38	1250	1.4

TABLE 2-2
Final Field Measurements - First, Second, Third, and Fourth Quarters 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Sample Date	Volume Purged (gal)	Temperature (deg C)	pH (pH units)	Electrical Conductivity (µS/cm)	Turbidity (NTU)
PO-C02-053	3/21/2006	NA	NA	NA	NA	NA
PO-C02-053	NS	NA	NA	NA	NA	NA
PO-C02-053	NS	NA	NA	NA	NA	NA
PO-C02-053	12/18/2006	86	19.34	6.85	1060	9.5
PO-C02-205	NS	NA	NA	NA	NA	NA
PO-C02-205	NS	NA	NA	NA	NA	NA
PO-C02-205	NS	NA	NA	NA	NA	NA
PO-C02-205	12/18/2006	374	18.54	7.23	814	1.3
PO-C03-182	3/21/2006	90	23.05	7.55	871	18
PO-C03-182	NS	NA	NA	NA	NA	NA
PO-C03-182	NS	NA	NA	NA	NA	NA
PO-C03-182	12/15/2006	303	21.35	7.10	920	0.6
PO-C03-235	NS	NA	NA	NA	NA	NA
PO-C03-235	NS	NA	NA	NA	NA	NA
PO-C03-235	NS	NA	NA	NA	NA	NA
PO-C03-235	12/15/2006	378	21.63	7.26	1010	14
PO-VPB-01	3/20/2006	104	20.77	6.96	98	0.6
PO-VPB-01	NS	NA	NA	NA	NA	NA
PO-VPB-01	NS	NA	NA	NA	NA	NA
PO-VPB-01	12/18/2006	139	19.05	6.94	900	0
PO-VPB-02	3/28/2006	79	20.97	7.20	910	0.15
PO-VPB-02	7/11/2006	73	20.42	NA	825	5.4
PO-VPB-02	10/13/2006	102	19.93	NA	918	1.1
PO-VPB-02	1/5/2007	155	19.69	7.24	1000	5.19
PO-VPB-03	NS	NA	NA	NA	NA	NA
PO-VPB-03	6/27/2006	76	21.65	NA	848	3.6
PO-VPB-03	10/16/2006	77	21.00	NA	902	3.7
PO-VPB-03	12/15/2006	70	21.26	7.05	1090	7.2
PO-VPB-05	NS	NA	NA	NA	NA	NA
PO-VPB-05	NS	NA	NA	NA	NA	NA
PO-VPB-05	NS	NA	NA	NA	NA	NA
PO-VPB-05	12/18/2006	79	19.59	6.97	1060	1

TABLE 2-2
Final Field Measurements - First, Second, Third, and Fourth Quarters 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Sample Date	Volume Purged (gal)	Temperature (deg C)	pH (pH units)	Electrical Conductivity (µS/cm)	Turbidity (NTU)
PO-VPB-06	NS	NA	NA	NA	NA	NA
PO-VPB-06	NS	NA	NA	NA	NA	NA
PO-VPB-06	NS	NA	NA	NA	NA	NA
PO-VPB-06	12/18/2006	95	20.23	6.81	1020	0.25
PO-VPB-07	3/24/2006	86	22.29	6.98	1920	2.4
PO-VPB-07	7/11/2006	66	22.80	NA	2020	4.9
PO-VPB-07	10/17/2006	71	21.13	NA	1720	0.05
PO-VPB-07	1/5/2007	67	21.54	6.99	1850	0.33
PO-VPB-08	NS	NA	NA	NA	NA	NA
PO-VPB-08	7/11/2006	77	21.90	NA	979	5.8
PO-VPB-08	10/5/2006	166	21.98	NA	987	0
PO-VPB-08	12/18/2006	106	20.20	6.92	1090	0.4
PO-VPB-10	3/21/2006	61	NA	NA	NA	NA
PO-VPB-10	7/6/2006	NA	22.94	7.16	707	24
PO-VPB-10	NS	NA	NA	NA	NA	NA
PO-VPB-10	12/14/2006	70	21.89	7.42	920	4
VD-VPB-01	3/21/2006	117	23.99	6.75	900	1.4
VD-VPB-01	7/5/2006	122	21.11	NA	737	65
VD-VPB-01	10/4/2006	143	20.11	NA	865	21
VD-VPB-01	12/19/2006	154	18.88	6.79	910	30.5
VD-VPB-02	3/22/2006	147	25.05	6.45	910	1.2
VD-VPB-02	7/6/2006	133	21.69	NA	792	15
VD-VPB-02	10/4/2006	141	20.33	NA	846	0.4
VD-VPB-02	12/19/2006	154	20.36	6.55	970	0
VD-VPB-03	3/22/2006	89	23.46	6.81	1240	0
VD-VPB-03	7/5/2006	105	20.21	NA	972	3.7
VD-VPB-03	10/4/2006	106	18.53	NA	1150	0.45
VD-VPB-03	12/19/2006	112	17.89	6.68	1250	0
VD-VPB-05	3/22/2006	110	23.56	6.63	NA	75
VD-VPB-05	7/5/2006	100	22.49	NA	787	700
VD-VPB-05	10/4/2006	110	20.80	NA	796	34
VD-VPB-05	12/19/2006	102	18.74	6.67	968	4.7

TABLE 2-2
Final Field Measurements - First, Second, Third, and Fourth Quarters 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Sample Date	Volume Purged (gal)	Temperature (deg C)	pH (pH units)	Electrical Conductivity (µS/cm)	Turbidity (NTU)
VD-VPB-06	3/22/2006	103	24.12	6.42	900	0.05
VD-VPB-06	7/5/2006	101	21.58	NA	715	9.7
VD-VPB-06	10/4/2006	95	20.34	NA	735	4.3
VD-VPB-06	12/19/2006	129	18.94	6.39	924	14.4
VD-VPB-07	3/22/2006	136	21.67	7.36	999	0.7
VD-VPB-07	NS	NA	NA	NA	NA	NA
VD-VPB-07	NS	NA	NA	NA	NA	NA
VD-VPB-07	12/19/2006	144	15.43	6.99	796	57.8

Notes:
deg C = Degrees centigrade
gal = Gallons
NA = Not Available
NS = Not Sampled
NTU = Nephelometric turbidity units
µS/cm = Microsiemens per centimeter

Comparison of historic pH values in the SFV database with pH values obtained during the second and third quarter indicated several suspect low-pH values. These suspect values have been eliminated from this table in order to prevent potentially misleading evaluations of geochemical conditions.

TABLE 2-3
Compilation of Water Quality Goals
San Fernando Valley Basin - Groundwater Monitoring Program

Analyte	Threshold	Units	Source
Volatile Organics (µg/L)			
1,1,1,2-Tetrachloroethane	1.35	µg/L	Carcinogenic Effects
1,1,1-Trichloroethane	200	µg/L	Cal DHS Primary MCL
1,1,2,2-Tetrachloroethane	1	µg/L	Cal DHS Primary MCL
1,1,2-Trichloroethane	5	µg/L	Cal DHS Primary MCL
1,1-Dichloroethane	5	µg/L	Cal DHS Primary MCL
1,1-Dichloroethene	6	µg/L	Cal DHS Primary MCL
1,2,3-Trichloropropane	0.5	µg/L	Cal DHS AL
1,2-Dibromo-3-chloropropane	0.2	µg/L	Cal DHS Primary MCL
1,2-Dibromoethane	0.05	µg/L	Cal DHS Primary MCL
1,2-Dichloroethane	0.5	µg/L	Cal DHS Primary MCL
1,2-Dichloropropane	5	µg/L	Cal DHS Primary MCL
1,4-Dioxane	300	µg/L	Cal DHS AL
Acetone	6300	µg/L	Noncarcinogenic Effects
Benzene	1	µg/L	Cal DHS Primary MCL
Bromodichloromethane	80	µg/L	EPA Federal MCL
Bromoform	80	µg/L	EPA Federal MCL
Bromomethane	9.8	µg/L	Noncarcinogenic Effects
Carbon tetrachloride	0.5	µg/L	Cal DHS Primary MCL
Chlorobenzene	70	µg/L	Cal DHS Primary MCL
Chloroethane	12.069	µg/L	Carcinogenic Effects
Chloroform	80	µg/L	EPA Federal MCL
Chloromethane	1.346	µg/L	Carcinogenic Effects
cis-1,2-Dichloroethene	6	µg/L	Cal DHS Primary MCL
Dibromochloromethane	80	µg/L	EPA Federal MCL
Ethylbenzene	300	µg/L	Cal DHS Primary MCL
m,p-Xylene	1750	µg/L	Cal DHS Primary MCL
Methyl ethyl ketone	4200	µg/L	Noncarcinogenic Effects
Methyl isobutyl ketone	120	µg/L	Cal DHS AL
Methyl tert-butyl ether	13	µg/L	Cal DHS Primary MCL
Methylene chloride	5	µg/L	Cal DHS Primary MCL
Perchlorate	6	µg/L	Cal DHS Primary MCL
Styrene	100	µg/L	Cal DHS Primary MCL
Tetrachloroethene	5	µg/L	Cal DHS Primary MCL
Toluene	150	µg/L	Cal DHS Primary MCL
Total Xylenes	1750	µg/L	Cal DHS Primary MCL
trans-1,2-Dichloroethene	10	µg/L	Cal DHS Primary MCL
Trichloroethene	5	µg/L	Cal DHS Primary MCL
Vinyl chloride	0.5	µg/L	Cal DHS Primary MCL
Metals (µg/L)			
Aluminum	1000	µg/L	Cal DHS Primary MCL
Antimony	6	µg/L	Cal DHS Primary MCL
Arsenic	10	µg/L	EPA Federal MCL
Barium	1000	µg/L	Cal DHS Primary MCL
Beryllium	4	µg/L	Cal DHS Primary MCL
Boron	1000	µg/L	Cal DHS AL
Cadmium	5	µg/L	Cal DHS Primary MCL

TABLE 2-3
Compilation of Water Quality Goals
San Fernando Valley Basin - Groundwater Monitoring Program

Analyte	Threshold	Units	Source
Metals (µg/L)			
Chromium	50	µg/L	Cal DHS Primary MCL
Chromium VI	50	µg/L	Cal DHS Primary MCL *
Cobalt	140	µg/L	Noncarcinogenic Effects
Copper	1300	µg/L	Regulatory Action level
Iron	300	µg/L	EPA Federal MCL
Lead	15	µg/L	Regulatory Action level
Manganese	50	µg/L	Cal DHS Primary MCL
Mercury	2	µg/L	Cal DHS Primary MCL
Molybdenum	35	µg/L	Noncarcinogenic Effects
Nickel	100	µg/L	Cal DHS Primary MCL
Selenium	50	µg/L	Cal DHS Primary MCL
Silver	100	µg/L	Cal DHS Secondary MCL
Thallium	2	µg/L	Cal DHS Primary MCL
Vanadium	50	µg/L	Cal DHS AL
Zinc	5000	µg/L	Cal DHS Secondary MCL
Inorganics (mg/L)			
Fluoride	2	mg/L	Cal DHS Primary MCL
Nitrate	45	mg/L	Cal DHS Primary MCL
Nitrite (as Nitrogen)	1	mg/L	Cal DHS Primary MCL
Sulfate	250	mg/L	Cal DHS Secondary MCL

Notes:
Cal DHS MCL: California EPA Department of Health Services Maximum Concentration Level
Cal DHS AL: California Department of Health Services Action Level based on toxicity to humans
OEHHA PHG: California Office of Environmental Health Hazard Assessment Public Health Goal
* Chromium VI: MCL to be established - currently regulated under the total chromium MCL
Final health-based screening level for drinking water: Cal EPA Primary MCL or, in order of preference and availability, CalEPA Public Health Goal, Cal DHS Action Level and risk-based goal
µg/L = Micrograms per liter
mg/L = Milligrams per liter

TABLE 2-4
Summary of TCE, PCE and Nitrate - First Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Sample Date	TCE (µg/L)		PCE (µg/L)		Nitrate as NO3 (mg/L)	
CS-C01-105	3/15/2006	**5.8**		4.2	-1	**75.7**	
CS-C01-285	3/27/2006	**210**		**140**		23.1	
CS-C02-062	3/24/2006	**21**		**11**		**53.4 J**	
CS-C02-180	3/24/2006	**13**		**5.2**		13.8 J	
CS-C02-250	3/24/2006	**130**		**61**		21.4 J	
CS-C02-335	3/24/2006	**290**		**210**		34.7 J	
CS-C03-100	3/27/2006	**140**		**14**	-2	**49**	
CS-C03-465	3/17/2006	**10**		2		4.4	
CS-C04-290	3/17/2006	**17**		**9.3**		10.7	
CS-C04-382	3/17/2006	**26**		**19**		8.9	
CS-C05-160	3/17/2006	**290**		**11**		30.7	
CS-C05-290	3/17/2006	**16**		**14**		7.6	
CS-C06-185	3/20/2006	**8**		1.9		9.3	
CS-VPB-01	3/24/2006	**78**		**72**	-1	40.9 J	
CS-VPB-03	3/17/2006	**7.4**		ND (0.5)	-1	14.7	
CS-VPB-05	3/27/2006	**1,900**	+1	**64 J**		**57.8**	
CS-VPB-06	3/27/2006	**350**		**6.3 J**		39.2	
CS-VPB-07	3/28/2006	**5,000**		ND (500)	-2	29.4	
CS-VPB-09	3/20/2006	0.2 J	+1	**11**		**53.4**	
CS-VPB-10	3/20/2006	**13**		**31**		**57.8**	
NH-C02-220	3/23/2006	**11**		0.3 J		**49**	
NH-C02-325	3/14/2006	**15**		2.6		19.1	
NH-C02-520	3/23/2006	**26**		1		20.5	
NH-C03-380	3/15/2006	0.9		1.3		8.5	
NH-C03-580	3/15/2006	2.9	-1	1.4		9.3	
NH-C03-680	3/15/2006	1.6		0.6		5.8	
NH-C05-460	3/23/2006	**110**	+1	1.1		17.4	
NH-C06-160	3/15/2006	0.4 J		0.6		**80.1**	
NH-C06-285	3/15/2006	**60**		3.8		42.3	
NH-VPB-01	3/16/2006	**30**		**13**		**49**	
NH-VPB-02	3/16/2006	1		1.6		**62.3**	-1
NH-VPB-05	3/14/2006	**16**		0.3 J		**71.2**	
NH-VPB-06	3/23/2006	3		2.1		**66.8**	
NH-VPB-07	3/16/2006	0.3 J	+1	1.8	-1	**57.8**	
PO-C01-195	3/21/2006	**16**		0.8		25.8	
PO-C02-053	3/21/2006	1.5		1.3		36	
PO-C03-182	3/21/2006	2.6		1.1		31.6	
PO-VPB-01	3/20/2006	1.6		0.7		40	
PO-VPB-02	3/28/2006	**230**		**140**	+1	**53.4**	
PO-VPB-07	3/24/2006	**22**		0.7		44.5 J	-1

TABLE 2-4
Summary of TCE, PCE and Nitrate - First Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Sample Date	TCE (µg/L)		PCE (µg/L)		Nitrate as NO3 (mg/L)	
PO-VPB-10	3/21/2006	ND (0.5)		ND (0.5)		**80.1**	
VD-VPB-01	3/21/2006	ND (0.5)	-1	2.7		**53.4 J**	
VD-VPB-02	3/22/2006	ND (0.5)	-1	1.7		44.5 J	
VD-VPB-03	3/22/2006	ND (0.5)		0.2 J		25.8	
VD-VPB-05	3/22/2006	0.2 J		0.5		**53.4 J**	+1
VD-VPB-06	3/22/2006	ND (0.5)		0.4 J		**66.8 J**	+1
VD-VPB-07	3/22/2006	ND (0.5)		ND (0.5)	-1	20.5 J	

Notes:
+1 = value moved 1 concentration zone up from previous sampling – an explanation of concentration zones is presented in Section 3.1.
-1 = value moved 1 concentration zone down from previous sampling
J = approximate concentration
mg/L = milligrams per liter
NA = Not analyzed
ND (250) = Not detected (reporting limit)
µg/L = micrograms per liter
Results greater than the MCL are bolded

TABLE 2-5
Summary of TCE, PCE and Nitrate - Second Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Sample Date	TCE (µg/L)		PCE (µg/L)		Nitrate as NO3 (mg/L)	
CS-C01-105	7/10/2006	**7.7**		**5.3**	+1	**97.9**	
CS-C01-285	7/10/2006	**180**		**120**		24	
CS-C02-062	7/11/2006	**19**		**13**		**53.4**	
CS-C02-180	7/11/2006	**11**		4.5	-1	14.2	
CS-C02-250	7/11/2006	**130**		**67**		21.8	
CS-C02-335	7/11/2006	**260**		**180**		34.3	
CS-C03-100	7/10/2006	**1,300**	+2	**92**	+1	**49**	
CS-C03-465	6/27/2006	**11**		2.3		4.9	
CS-C04-290	7/6/2006	**16**		**9**		11.1	
CS-C04-382	7/6/2006	**20**		**19**		8.9	
CS-C05-160	7/5/2006	**250**		**9.6**		32	
CS-C05-290	7/5/2006	**14**		**13**		8	
CS-C06-185	7/6/2006	**6.7**		1.7		8.9	
CS-VPB-01	7/11/2006	**78**		**76**		42.3	
CS-VPB-03	6/27/2006	**6.2**		ND (0.5)		15.6	
CS-VPB-04	7/19/2006	**3,300 J**		**130 J**		**53.4 J**	
CS-VPB-05	7/10/2006	**2,100**		**58**		**57.8**	
CS-VPB-06	7/11/2006	**260**		4.7	-1	40.9	
CS-VPB-07	7/11/2006	**4,000**		**30**	+2	35.2	
CS-VPB-08	7/10/2006	**100**		**210**		44.5	
CS-VPB-09	6/27/2006	ND (0.5)	-1	**7.9**		**53.4**	
CS-VPB-10	7/5/2006	**12**		**24**		**62.3**	
CS-VPB-11	7/6/2006	0.3 J		**5.7**		**49**	
NH-C01-325	7/7/2006	1.6		**19**	+1	**71.2**	+1
NH-C02-325	7/7/2006	**14**		2.7		21.8	+1
NH-C02-520	7/7/2006	**16**		0.5		13.8	-1
NH-C03-380	6/21/2006	0.6		1.2		7.6	
NH-C03-580	6/21/2006	1		0.6		8.5	
NH-C05-460	7/7/2006	**98**	-1	1.6		30.7	+1
NH-C06-285	6/23/2006	**53**		3.8		44.1	
NH-VPB-01	6/22/2006	**27**		**13**		**49**	
NH-VPB-04	6/23/2006	ND (0.5)		ND (0.5)		44.5	
NH-VPB-05	6/21/2006	**18**		ND (0.5)	-1	**75.7**	
NH-VPB-06	6/21/2006	3.4		2.3		**71.2**	
NH-VPB-07	6/23/2006	ND (0.5)	-1	1.8		**57.8**	
NH-VPB-08	6/23/2006	**10**		3.4		20	+1
PO-C01-195	7/6/2006	**13**		0.7		24.9	
PO-VPB-02	7/11/2006	**180**		**90**	-1	**53.4**	
PO-VPB-03	6/27/2006	**10**		**5.9**	+1	**53.4**	
PO-VPB-07	7/11/2006	**65**	+1	0.9		**57.8**	+1

TABLE 2-5
Summary of TCE, PCE and Nitrate - Second Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Sample Date	TCE (µg/L)	PCE (µg/L)	Nitrate as NO3 (mg/L)	
PO-VPB-08	7/11/2006	**6.4**	4.1	12.9	
PO-VPB-10	7/6/2006	ND (0.5)	ND (0.5)	**80.1**	
VD-VPB-01	7/5/2006	ND (0.5)	2.2	**57.8**	
VD-VPB-02	7/6/2006	ND (0.5)	1.7	**53.4**	+1
VD-VPB-03	7/5/2006	ND (0.5)	0.3 J	26.7	
VD-VPB-05	7/5/2006	0.1 J	0.4 J	**53.4**	
VD-VPB-06	7/5/2006	ND (0.5)	0.3 J	**71.2**	

Notes:
+1 = value moved 1 concentration zone up from previous sampling
-1 = value moved 1 concentration zone down from previous sampling
J = approximate concentration
mg/L = milligrams per liter
NA = Not analyzed
ND (250) = Not detected (reporting limit)
µg/L = micrograms per liter
Results greater than the MCL are bolded

TABLE 2-6
Summary of TCE, PCE and Nitrate - Third Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Sample Date	TCE (µg/L)		PCE (µg/L)		Nitrate as NO3 (mg/L)	
CS-C01-105	10/13/2006	**15**		**11**		**80.1**	
CS-C01-285	10/13/2006	**210**		**170**		23.1	
CS-C02-062	10/16/2006	**24**		**18**		**49**	
CS-C02-180	10/16/2006	**12**		**5.3**	+1	13.4	
CS-C02-250	10/16/2006	**150**		**96**		20.5	
CS-C02-335	10/16/2006	**340**		**270**		32	
CS-C03-100	10/11/2006	**1,400**		**130**	+1	**49**	
CS-C03-465	10/11/2006	**13**		3		5.3	
CS-C04-290	10/11/2006	**16**		**11**		11.1	
CS-C04-382	10/11/2006	**23**		**23**		8.9	
CS-C05-160	10/13/2006	**210**		**15**		26.7	
CS-C05-290	10/13/2006	**18**		**19**		7.6	
CS-C06-185	10/12/2006	**9**		2.4		8.9	
CS-VPB-01	10/9/2006	**88**		**100**		40.9	
CS-VPB-02	10/10/2006	0.6		4		**49**	+1
CS-VPB-03	10/17/2006	**6.9**		ND (0.5)		15.6	
CS-VPB-04	10/11/2006	**4,200**		**190 J**		**53.4**	
CS-VPB-05	10/13/2006	**1,100**		**68**		**53.4**	
CS-VPB-06	10/12/2006	**310**		**6.8**	+1	39.6	
CS-VPB-07	10/11/2006	**790**	-1	**12 J**		**53.4**	+1
CS-VPB-08	10/12/2006	**110**	+1	**290**		43.6	
CS-VPB-09	10/16/2006	ND (0.5)		**9.4**		**49**	
CS-VPB-10	10/12/2006	**14**		**37**		**57.8**	
CS-VPB-11	10/17/2006	0.4 J		**10**		**49**	
NH-C01-325	10/3/2006	2.2		**27**		**62.3**	-1
NH-C02-220	10/6/2006	**8**		0.3 J		**62.3**	
NH-C02-325	10/9/2006	**15**		3.7		21.8	
NH-C02-520	10/9/2006	**14**		0.5		12.9	
NH-C03-380	10/5/2006	0.5 J		1.3		7.1	
NH-C05-460	10/9/2006	**84**		1.5		35.2	
NH-C06-160	10/6/2006	0.4 J		0.7		**80.1**	
NH-C06-285	10/10/2006	**47**	-1	**5.2**	+1	44.1	
NH-VPB-01	10/10/2006	**23**		**16**		44.5	-1
NH-VPB-02	10/3/2006	2.3		**7.5**	+1	**62.3**	
NH-VPB-04	10/6/2006	ND (0.5)		0.1 J	+1	**57.8**	+1
NH-VPB-05	10/9/2006	**21**		0.4 J	+1	**71.2**	
NH-VPB-06	10/3/2006	4.9		2.4		**71.2**	
NH-VPB-07	10/5/2006	0.2 J	+1	2		**53.4**	
NH-VPB-08	10/9/2006	4.6	-1	2.5		34.7	
PO-C01-195	10/13/2006	**16**		0.9		24	

TABLE 2-6
Summary of TCE, PCE and Nitrate - Third Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Sample Date	TCE (µg/L)		PCE (µg/L)		Nitrate as NO3 (mg/L)	
PO-VPB-02	10/13/2006	**260**		**140**	+1	**53.4**	
PO-VPB-03	10/16/2006	**11**		**7.4**		**53.4**	
PO-VPB-07	10/17/2006	**89**		2.3 J		**57.8**	
PO-VPB-08	10/5/2006	**8.7**		**5.6**	+1	12.5	
VD-VPB-01	10/4/2006	ND (0.5)		3.4		**53.4**	
VD-VPB-02	10/4/2006	ND (0.5)		2.4		**53.4**	
VD-VPB-03	10/4/2006	ND (0.5)		0.3 J		24.5	
VD-VPB-05	10/4/2006	ND (0.5)	-1	0.4 J		41.8	-1
VD-VPB-06	10/4/2006	ND (0.5)		0.4 J		**57.8**	-1

Notes:
+1 = value moved 1 concentration zone up from previous sampling
-1 = value moved 1 concentration zone down from previous sampling
J = approximate concentration
mg/L = milligrams per liter
NA = Not analyzed
ND (250) = Not detected (reporting limit)
µg/L = micrograms per liter
Results greater than the MCL are bolded

TABLE 2-7
Summary of TCE, PCE and Nitrate - Fourth Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Sample Date	TCE (µg/L)		PCE (µg/L)		Nitrate as NO3 (mg/L)	
CS-C01-105	12/28/2006	**18**		**12**		**75.7**	
CS-C01-285	12/28/2006	**150**		**110**		23.6	
CS-C01-558	12/13/2006	ND (0.5)		ND (0.5)		2.8	
CS-C02-062	1/4/2007	**21**		**14**		**49**	
CS-C02-180	1/4/2007	**10**		4.3	-1	13.4	
CS-C02-250	1/4/2007	**130**		**75**		19.6	-1
CS-C02-335	1/4/2007	**280**		**200**		32	
CS-C03-100	12/28/2006	**1,200**		**100**	-1	**49**	
CS-C03-325	12/12/2006	ND (0.5)		0.3 J	+1	1.1	
CS-C03-465	12/28/2006	**12**		3		4.9	
CS-C03-550	12/12/2006	1.1		0.7		12	
CS-C04-290	1/3/2007	**18**		**11**		10.2	
CS-C04-382	1/3/2007	**25**		**22**		8.5	
CS-C04-520	12/13/2006	ND (0.5)		ND (0.5)		1.2	
CS-C05-160	1/2/2007	**130**		**10**		22.2	
CS-C05-290	1/2/2007	**16**		**17**		7.1	
CS-C06-185	1/4/2007	**7.2**		1.6		8.9	
CS-C06-278	12/14/2006	ND (0.5)		ND (0.5)		ND (0.445)	
CS-VPB-01	12/28/2006	**78**		**85**		40.5	
CS-VPB-02	11/29/2006	0.4 J		2.9 J		43.6	-1
CS-VPB-03	1/2/2007	**6.6**		ND (0.5)		14.7	
CS-VPB-04	1/3/2007	**3,000**		**160**		**49**	
CS-VPB-05	1/2/2007	**400**	-2	**30**	-1	44.5	-1
CS-VPB-06	1/4/2007	**220**		5 J	-1	38.7	
CS-VPB-07	1/3/2007	**390**	-1	**11 J**		**53.4**	
CS-VPB-08	12/27/2006	**100**	-1	**230**		44.5	
CS-VPB-09	12/11/2006	ND (0.5)		**7.4**		44.5	-1
CS-VPB-10	1/5/2007	**12**		**30**		**57.8**	
CS-VPB-11	1/3/2007	0.4 J		**8.6**		44.5	-1
NH-C01-325	12/20/2006	3.3		**28**		**66.8**	+1
NH-C01-660	12/1/2006	ND (0.5)		ND (0.5)	-1	8	
NH-C01-780	12/1/2006	ND (0.5)		ND (0.5)	-1	6.2	
NH-C02-220	12/21/2006	**8.6**		0.3 J		**49**	
NH-C02-325	12/21/2006	**11**		3.3		21.8	
NH-C02-520	12/21/2006	**9.7**		0.4 J		11.1	
NH-C02-681	11/30/2006	ND (0.5)		ND (0.5)		1.7	
NH-C03-380	12/5/2006	0.4 J		1.9		8.9	
NH-C03-580	12/5/2006	0.5 J		0.4 J		8.5	
NH-C03-680	12/5/2006	0.8		0.5 J		4.9	
NH-C03-800	12/5/2006	ND (0.5)		ND (0.5)		2.4	

TABLE 2-7
Summary of TCE, PCE and Nitrate - Fourth Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Sample Date	TCE (µg/L)		PCE (µg/L)		Nitrate as NO3 (mg/L)	
NH-C04-240	12/6/2006	0.2 J		0.2 J		26.3	
NH-C04-375	12/6/2006	ND (0.5)		ND (0.5)		26.7	
NH-C04-560	12/6/2006	ND (0.5)		ND (0.5)		ND (0.445)	
NH-C05-460	12/20/2006	**69**		1.3 J		36.5	
NH-C06-160	12/11/2006	0.3 J		0.7		**71.2**	
NH-C06-285	12/26/2006	**41**		4.3	-1	39.2	
NH-C06-425	12/11/2006	ND (0.5)		ND (0.5)		11.1	
NH-VPB-01	12/27/2006	**21**		**12**		44.5	
NH-VPB-02	12/26/2006	3.8		**5.4**		**53.4**	
NH-VPB-04	11/30/2006	ND (0.5)		ND (0.5)	-1	**53.4**	
NH-VPB-05	12/27/2006	**23**		0.6 J		**66.8**	
NH-VPB-06	12/11/2006	4.4		2.6		**57.8**	-1
NH-VPB-07	12/11/2006	0.2 J		1.7		**57.8**	
NH-VPB-08	12/27/2006	5		2.4		34.7	
PO-C01-195	1/5/2007	**13**		0.7		23.6	
PO-C01-354	12/15/2006	ND (0.5)		ND (0.5)		ND (0.445)	
PO-C02-053	12/18/2006	1.3		1.6		**49**	+1
PO-C02-205	12/18/2006	0.1 J		0.5 J		23.6	
PO-C03-182	12/15/2006	2.9		1.2		31.6	
PO-C03-235	12/15/2006	1.7		1.1		29.4	
PO-VPB-01	12/18/2006	0.8		0.6		42.3	
PO-VPB-02	1/5/2007	**170**		**77**	-1	**53.4**	
PO-VPB-03	12/15/2006	**12**		**6.6**		**53.4**	
PO-VPB-05	12/18/2006	ND (0.5)	-1	ND (0.5)	-1	7.6	
PO-VPB-06	12/18/2006	0.3 J		0.2 J	+1	17.4	
PO-VPB-07	1/5/2007	**20**	-1	0.6		38.7	-1
PO-VPB-08	12/18/2006	**7.5**		**5.9**		12	
PO-VPB-10	12/14/2006	ND (0.5)		ND (0.5)		**80.1**	
VD-VPB-01	12/19/2006	ND (0.5)		4.3		**57.8**	
VD-VPB-02	12/19/2006	ND (0.5)		2.5		**57.8**	
VD-VPB-03	12/19/2006	ND (0.5)		0.2 J		24.5	
VD-VPB-05	12/19/2006	ND (0.5)		0.3 J		40	
VD-VPB-06	12/19/2006	ND (0.5)		0.4 J		**53.4**	
VD-VPB-07	12/19/2006	ND (0.5)		ND (0.5)		16.5	-1

TABLE 2-7
Summary of TCE, PCE and Nitrate - Fourth Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Notes:
+1 = value moved 1 concentration zone up from previous sampling
-1 = value moved 1 concentration zone down from previous sampling
J = approximate concentration
mg/L = milligrams per liter
NA = Not analyzed
ND (250) = Not detected (reporting limit)
µg/L = micrograms per liter
Results greater than the MCL are bolded

TABLE 2-8
General Water Chemistry - Fourth Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Sample Date	Chloride (mg/L)	Sulfate (mg/L)	Hardness (mg/L)	Alkalinity, Total (mg/L)	TDS (mg/L)	TOC (mg/L)
CS-C01-105	12/28/2006	130	200	545.2	280	830	1.2 J
CS-C01-285	12/28/2006	23	57	254.2	230	370	ND (2)
CS-C01-558	12/13/2006	27	88	191.1	160	350	ND (2)
CS-C02-062	1/4/2007	97	190	478.4	290	760	ND (2)
CS-C02-180	1/4/2007	49	310	420.9	230	760	ND (2)
CS-C02-250	1/4/2007	24	100	270.7	210	430	ND (2)
CS-C02-335	1/4/2007	29	85	280.2	220	440	ND (2)
CS-C03-100	12/28/2006	75	120	441.6	310	640	1.1 J
CS-C03-325	12/12/2006	130	100	177.4	140	510	ND (2)
CS-C03-465	12/28/2006	14	53	171.9	180	280	ND (2)
CS-C03-550	12/12/2006	18	43	162.7	170	300	ND (2)
CS-C04-290	1/3/2007	15	43	183.7	180	290	ND (2)
CS-C04-382	1/3/2007	17	64	207.4	190	310	ND (2)
CS-C04-520	12/13/2006	100	120	375.7	150	490	ND (2)
CS-C05-160	1/2/2007	35	89	282.6	220	450	ND (2)
CS-C05-290	1/2/2007	35	85	213.4	180	380	ND (2)
CS-C06-185	1/4/2007	52	91	206.0	180	410	ND (2)
CS-C06-278	12/14/2006	190	89	32.6	200	680	ND (2)
CS-VPB-01	12/28/2006	96	190	521.1	290	710	ND (2)
CS-VPB-02	11/29/2006	100	220	1,074.8	290	870	ND (2)
CS-VPB-03	1/2/2007	16	35	351.3	170	280	ND (2)
CS-VPB-04	1/3/2007	79	150	532.5	370	780	1.2 J
CS-VPB-05	1/2/2007	70	130	456.6	320	680	ND (2)
CS-VPB-06	1/4/2007	90	160	878.7	280	710	1.2 J
CS-VPB-07	1/3/2007	76	140	530.9	380	760	1.1 J
CS-VPB-08	12/27/2006	95	190	488.7	290	730	1 J
CS-VPB-09	12/11/2006	160	210	841.4	540	1,200	ND (2)
CS-VPB-10	1/5/2007	93	160	452.3	240	700	ND (2)
CS-VPB-11	1/3/2007	83	150	446.1	250	670	ND (2)
NH-C01-325	12/20/2006	43	76	417.9	320	590	ND (2)
NH-C01-660	12/1/2006	11	65	223.0	200	340	ND (2)
NH-C01-780	12/1/2006	11	59	209.3	190	320	ND (2)
NH-C02-220	12/21/2006	41	94	351.4	230	490	ND (2)
NH-C02-325	12/21/2006	24	61	568.7	240	420	ND (2)
NH-C02-520	12/21/2006	17	87	245.2	190	360	ND (2)
NH-C02-681	11/30/2006	9.4	40	145.3	160	250	ND (2)
NH-C03-380	12/5/2006	16	55	238.7	220	350	ND (2)
NH-C03-580	12/5/2006	15	85	236.8	190	360	ND (2)
NH-C03-680	12/5/2006	11	50	177.9	170	290	ND (2)
NH-C03-800	12/5/2006	7.4	42	147.5	160	260	ND (2)

TABLE 2-8
General Water Chemistry - Fourth Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Sample Date	Chloride (mg/L)	Sulfate (mg/L)	Hardness (mg/L)	Alkalinity, Total (mg/L)	TDS (mg/L)	TOC (mg/L)
NH-C04-240	12/6/2006	39	70	224.6	180	410	ND (2)
NH-C04-375	12/6/2006	36	64	214.8	180	400	ND (2)
NH-C04-560	12/6/2006	94	51	107.7	120	350	ND (2)
NH-C05-460	12/20/2006	23	58	234.8	200	370	ND (2)
NH-C06-160	12/11/2006	45	82	672.9	220	490	ND (2)
NH-C06-285	12/26/2006	32	170	646.7	210	560 J	ND (2)
NH-C06-425	12/11/2006	44	400	442.4	180	860	ND (2)
NH-VPB-01	12/27/2006	79	150	470.9	280	640	ND (2)
NH-VPB-02	12/26/2006	44	88	337.3	260	530 J	ND (2)
NH-VPB-04	11/30/2006	64	77	335.0	220	500	ND (2)
NH-VPB-05	12/27/2006	51	83	388.8	280	520	1.1 J
NH-VPB-06	12/11/2006	40	69	358.2	270	510	1.9 J
NH-VPB-07	12/11/2006	42	64	419.9	350	580	ND (2)
NH-VPB-08	12/27/2006	42	61	492.5	460	630	ND (2)
PO-C01-195	1/5/2007	52	78	258.6	210	430	ND (2)
PO-C01-354	12/15/2006	180	38	27.7	250	670	ND (2)
PO-C02-053	12/18/2006	110	170	354.7	180	690	ND (2)
PO-C02-205	12/18/2006	55	85	256.9	190	450	ND (2)
PO-C03-182	12/15/2006	68	110	537.0	200	510	ND (2)
PO-C03-235	12/15/2006	72	140	294.3	220	560	ND (2)
PO-VPB-01	12/18/2006	80	130	327.9	180	580	ND (2)
PO-VPB-02	1/5/2007	84	150	784.2	200	610	ND (2)
PO-VPB-03	12/15/2006	83	160	377.4	210	630	ND (2)
PO-VPB-05	12/18/2006	96	180	298.7	230	660	1.6 J
PO-VPB-06	12/18/2006	87	180	298.6	210	2,600 J	1.1 J
PO-VPB-07	1/5/2007	180	270	717.4	450	1,100	1.4 J
PO-VPB-08	12/18/2006	99	170	332.2	260	690	2.9
PO-VPB-10	12/14/2006	79	82	319.1	170	470	ND (2)
VD-VPB-01	12/19/2006	92	130	356.9	160	580	1.8 J
VD-VPB-02	12/19/2006	94	130	361.0	170	600	1.1 J
VD-VPB-03	12/19/2006	130	220	493.7	220	800	ND (2)
VD-VPB-05	12/19/2006	82	140	315.2	140	540	1.4 J
VD-VPB-06	12/19/2006	79	140	259.5	100	530	1 J
VD-VPB-07	12/19/2006	50	96	276.3	180	440	ND (2)

Notes:
ND (250) = Not detected (reporting limit)
NR = Not reported
J = Approximate concentration
mg/L = Milligrams per liter
TDS = total dissolved solids
TOC = total organic carbon

TABLE 2-9
Summary of Select Metals Exceeding MCLs - Fourth Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Primary MCLs:	**Chromium** 50 µg/L	**Hexavalent Chromium** 50 µg/L *	**Manganese** 50 µg/L
Well ID			
CS-C03-100	74.5	84 J	--
CS-VPB-03	60.4	65 J	--
CS-VPB-04	242	260 J	--
CS-VPB-05	298	340 J	--
PO-C02-205	--	--	94.8
PO-VPB-02	238	240 J	--
PO-VPB-08	--	--	1700
VD-VPB-05	--	--	67

Notes:
µg/L = Micrograms per liter
* Chromium VI MCL to be established - currently regulated under the total Chromium MCL

TABLE 2-10
Summary of Hexavalent Chromium - First, Second, Third, and Fourth Quarters 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Sample Date	Hexavalent Chromium (µg/L)
CS-C01-105	3/15/2006	1.9 J
CS-C01-105	7/10/2006	1.6 J
CS-C01-105	10/13/2006	2.3 J
CS-C01-105	12/28/2006	2.6 J
CS-C01-285	3/27/2006	5.5 J
CS-C01-285	7/10/2006	5.3 J
CS-C01-285	10/13/2006	5.7 J
CS-C01-285	12/28/2006	5.5
CS-C01-558	NS	NS
CS-C01-558	NS	NS
CS-C01-558	NS	NS
CS-C01-558	12/13/2006	0.72 J
CS-C02-062	3/24/2006	2.2 J
CS-C02-062	7/11/2006	1.9 J
CS-C02-062	10/16/2006	2.2 J
CS-C02-062	1/4/2007	2
CS-C02-180	3/24/2006	0.33 J
CS-C02-180	7/11/2006	0.87 J
CS-C02-180	10/16/2006	0.82 J
CS-C02-180	1/4/2007	0.59 J
CS-C02-250	3/24/2006	0.98 J
CS-C02-250	7/11/2006	4.7
CS-C02-250	10/16/2006	6.7 J
CS-C02-250	1/4/2007	5.3
CS-C02-335	3/24/2006	5.5 J
CS-C02-335	7/11/2006	5.8 J
CS-C02-335	10/16/2006	6.2 J
CS-C02-335	1/4/2007	5.6 J
CS-C03-100	3/27/2006	**66 J**
CS-C03-100	7/10/2006	**59 J**
CS-C03-100	10/11/2006	**75**
CS-C03-100	12/28/2006	**84 J**
CS-C03-325	NS	NS
CS-C03-325	NS	NS
CS-C03-325	NS	NS
CS-C03-325	12/12/2006	ND (0.2)
CS-C03-465	3/17/2006	2 J
CS-C03-465	6/27/2006	2.4
CS-C03-465	10/11/2006	2.1
CS-C03-465	12/28/2006	2 J

Well ID	Sample Date	Hexavalent Chromium (µg/L)
CS-C03-550	NS	NS
CS-C03-550	NS	NS
CS-C03-550	NS	NS
CS-C03-550	12/12/2006	2 J
CS-C04-290	3/17/2006	4.4 J
CS-C04-290	7/6/2006	4.7 J
CS-C04-290	10/11/2006	4.4 J
CS-C04-290	1/3/2007	1.6 J
CS-C04-382	3/17/2006	2.3 J
CS-C04-382	7/6/2006	2.3 J
CS-C04-382	10/11/2006	2.3 J
CS-C04-382	1/3/2007	2.3 J
CS-C04-520	NS	NS
CS-C04-520	NS	NS
CS-C04-520	NS	NS
CS-C04-520	12/13/2006	ND (0.2)
CS-C05-160	3/17/2006	**56**
CS-C05-160	7/5/2006	**65**
CS-C05-160	10/13/2006	30 J
CS-C05-160	1/2/2007	14 J
CS-C05-290	3/17/2006	1.2
CS-C05-290	7/5/2006	1.3
CS-C05-290	10/13/2006	0.85 J
CS-C05-290	1/2/2007	1.4 J
CS-C06-185	3/20/2006	0.71 J
CS-C06-185	7/6/2006	1.5 J
CS-C06-185	10/12/2006	1 J
CS-C06-185	1/4/2007	1.2 J
CS-C06-278	NS	NS
CS-C06-278	NS	NS
CS-C06-278	NS	NS
CS-C06-278	12/14/2006	ND (0.2)
CS-VPB-01	3/24/2006	2.4 J
CS-VPB-01	7/11/2006	2.4 J
CS-VPB-01	10/9/2006	1.7
CS-VPB-01	12/28/2006	2.4
CS-VPB-02	NS	NS
CS-VPB-02	NS	NS
CS-VPB-02	10/10/2006	1.5 J
CS-VPB-02	11/29/2006	1.7

TABLE 2-10
Summary of Hexavalent Chromium - First, Second, Third, and Fourth Quarters 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Well ID	Sample Date	Hexavalent Chromium (µg/L)
CS-VPB-03	3/17/2006	**53 J**	NH-C01-450	NS	NS
CS-VPB-03	6/27/2006	**56 J**	NH-C01-450	NS	NS
CS-VPB-03	10/17/2006	**62 J**	NH-C01-450	NS	NS
CS-VPB-03	1/2/2007	**65 J**	NH-C01-450	NS	NS
CS-VPB-04	NS	NS	NH-C01-660	NS	NS
CS-VPB-04	7/19/2006	**130 J**	NH-C01-660	NS	NS
CS-VPB-04	10/11/2006	**260 J**	NH-C01-660	NS	NS
CS-VPB-04	1/3/2007	**260 J**	NH-C01-660	12/1/2006	0.25 J
CS-VPB-05	3/27/2006	**240 J**	NH-C01-780	NS	NS
CS-VPB-05	7/10/2006	**260 J**	NH-C01-780	NS	NS
CS-VPB-05	10/13/2006	**360 J**	NH-C01-780	NS	NS
CS-VPB-05	1/2/2007	**340 J**	NH-C01-780	12/1/2006	0.4 J
CS-VPB-06	3/27/2006	8.9 J	NH-C02-220	3/23/2006	3.7 J
CS-VPB-06	7/11/2006	9.9 J	NH-C02-220	NS	NS
CS-VPB-06	10/12/2006	8.9 J	NH-C02-220	10/6/2006	3.8 J
CS-VPB-06	1/4/2007	5.9 J	NH-C02-220	12/21/2006	4
CS-VPB-07	3/28/2006	45 J	NH-C02-325	3/14/2006	1.2
CS-VPB-07	7/11/2006	ND (0.2)	NH-C02-325	7/7/2006	1.3
CS-VPB-07	10/11/2006	ND (0.2)	NH-C02-325	10/9/2006	1.3 J
CS-VPB-07	1/3/2007	ND (0.2)	NH-C02-325	12/21/2006	1.3
CS-VPB-08	NS	NS	NH-C02-520	3/23/2006	1.2 J
CS-VPB-08	7/10/2006	2.7 J	NH-C02-520	7/7/2006	1.1 J
CS-VPB-08	10/12/2006	2.8	NH-C02-520	10/9/2006	1.5 J
CS-VPB-08	12/27/2006	2.8	NH-C02-520	12/21/2006	1.7
CS-VPB-09	3/20/2006	6.2 J	NH-C02-681	NS	NS
CS-VPB-09	6/27/2006	5.9 J	NH-C02-681	NS	NS
CS-VPB-09	10/16/2006	5.8 J	NH-C02-681	NS	NS
CS-VPB-09	12/11/2006	6.6	NH-C02-681	11/30/2006	ND (0.2)
CS-VPB-10	3/20/2006	2 J	NH-C03-380	3/15/2006	0.47 J
CS-VPB-10	7/5/2006	1.9	NH-C03-380	6/21/2006	ND (0.2)
CS-VPB-10	10/12/2006	2 J	NH-C03-380	10/5/2006	1.1 J
CS-VPB-10	1/5/2007	2 J	NH-C03-380	12/5/2006	1.1
CS-VPB-11	NS	NS	NH-C03-580	3/15/2006	2.2 J
CS-VPB-11	7/6/2006	2 J	NH-C03-580	6/21/2006	0.95 J
CS-VPB-11	10/17/2006	2 J	NH-C03-580	NS	NS
CS-VPB-11	1/3/2007	2.3 J	NH-C03-580	12/5/2006	1.2 J
NH-C01-325	NS	NS	NH-C03-680	3/15/2006	1.3 J
NH-C01-325	7/7/2006	0.55 J	NH-C03-680	NS	NS
NH-C01-325	10/3/2006	0.4 J	NH-C03-680	NS	NS
NH-C01-325	12/20/2006	0.41	NH-C03-680	12/5/2006	2.5 J

TABLE 2-10
Summary of Hexavalent Chromium - First, Second, Third, and Fourth Quarters 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Well ID	Sample Date	Hexavalent Chromium (µg/L)
NH-C03-800	NS	NS	NH-VPB-02	3/16/2006	3.8 J
NH-C03-800	NS	NS	NH-VPB-02	NS	NS
NH-C03-800	NS	NS	NH-VPB-02	10/3/2006	3.1
NH-C03-800	12/5/2006	ND (0.2)	NH-VPB-02	12/26/2006	3.3
NH-C04-240	NS	NS	NH-VPB-03	NS	NS
NH-C04-240	NS	NS	NH-VPB-03	NS	NS
NH-C04-240	NS	NS	NH-VPB-03	NS	NS
NH-C04-240	12/6/2006	6 J	NH-VPB-03	NS	NS
NH-C04-375	NS	NS	NH-VPB-04	NS	NS
NH-C04-375	NS	NS	NH-VPB-04	6/23/2006	2.2 J
NH-C04-375	NS	NS	NH-VPB-04	10/6/2006	2.7 J
NH-C04-375	12/6/2006	6.4	NH-VPB-04	11/30/2006	2.4 J
NH-C04-560	NS	NS	NH-VPB-05	3/14/2006	3.2
NH-C04-560	NS	NS	NH-VPB-05	6/21/2006	3.1
NH-C04-560	NS	NS	NH-VPB-05	10/9/2006	3.4 J
NH-C04-560	12/6/2006	ND (0.3)	NH-VPB-05	12/27/2006	3.5
NH-C05-320	NS	NS	NH-VPB-06	3/23/2006	1 J
NH-C05-320	NS	NS	NH-VPB-06	6/21/2006	1.2 J
NH-C05-320	NS	NS	NH-VPB-06	10/3/2006	1.3 J
NH-C05-320	NS	NS	NH-VPB-06	12/11/2006	1.2
NH-C05-460	3/23/2006	0.22	NH-VPB-07	3/16/2006	0.89 J
NH-C05-460	7/7/2006	0.18 J	NH-VPB-07	6/23/2006	1 J
NH-C05-460	10/9/2006	0.2 J	NH-VPB-07	10/5/2006	1.1
NH-C05-460	12/20/2006	ND (0.3)	NH-VPB-07	12/11/2006	0.85
NH-C06-160	3/15/2006	6.6 J	NH-VPB-08	NS	NS
NH-C06-160	NS	NS	NH-VPB-08	6/23/2006	2.5 J
NH-C06-160	10/6/2006	6.3 J	NH-VPB-08	10/9/2006	1.5 J
NH-C06-160	12/11/2006	6.3 J	NH-VPB-08	12/27/2006	1.7
NH-C06-285	3/15/2006	1 J	NH-VPB-09	NS	NS
NH-C06-285	6/23/2006	2.1 J	NH-VPB-09	NS	NS
NH-C06-285	10/10/2006	3.4 J	NH-VPB-09	NS	NS
NH-C06-285	12/26/2006	3.1	NH-VPB-09	NS	NS
NH-C06-425	NS	NS	NH-VPB-10	NS	NS
NH-C06-425	NS	NS	NH-VPB-10	NS	NS
NH-C06-425	NS	NS	NH-VPB-10	NS	NS
NH-C06-425	12/11/2006	ND (0.3)	NH-VPB-10	NS	NS
NH-VPB-01	3/16/2006	3.3	NH-VPB-11	NS	NS
NH-VPB-01	6/22/2006	1.5	NH-VPB-11	NS	NS
NH-VPB-01	10/10/2006	0.82 J	NH-VPB-11	NS	NS
NH-VPB-01	12/27/2006	2.7	NH-VPB-11	NS	NS

TABLE 2-10
Summary of Hexavalent Chromium - First, Second, Third, and Fourth Quarters 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Well ID	Sample Date	Hexavalent Chromium (µg/L)
NH-VPB-12	NS	NS	PO-VPB-02	3/28/2006	**260 J**
NH-VPB-12	NS	NS	PO-VPB-02	7/11/2006	**220 J**
NH-VPB-12	NS	NS	PO-VPB-02	10/13/2006	**350 J**
NH-VPB-12	NS	NS	PO-VPB-02	1/5/2007	**240 J**
NH-VPB-13	NS	NS	PO-VPB-03	NS	NS
NH-VPB-13	NS	NS	PO-VPB-03	6/27/2006	2.4 J
NH-VPB-13	NS	NS	PO-VPB-03	10/16/2006	2.8 J
NH-VPB-13	NS	NS	PO-VPB-03	12/15/2006	3.2 J
NH-VPB-14	NS	NS	PO-VPB-04	NS	NS
NH-VPB-14	NS	NS	PO-VPB-04	NS	NS
NH-VPB-14	NS	NS	PO-VPB-04	NS	NS
NH-VPB-14	NS	NS	PO-VPB-04	NS	NS
PO-C01-195	3/21/2006	ND (0.2)	PO-VPB-05	NS	NS
PO-C01-195	7/6/2006	0.66 J	PO-VPB-05	NS	NS
PO-C01-195	10/13/2006	0.18 J	PO-VPB-05	NS	NS
PO-C01-195	1/5/2007	0.29 J	PO-VPB-05	12/18/2006	ND (0.2)
PO-C01-354	NS	NS	PO-VPB-06	NS	NS
PO-C01-354	NS	NS	PO-VPB-06	NS	NS
PO-C01-354	NS	NS	PO-VPB-06	NS	NS
PO-C01-354	12/15/2006	ND (0.2)	PO-VPB-06	12/18/2006	0.28 J
PO-C02-053	3/21/2006	1.2	PO-VPB-07	3/24/2006	0.47 J
PO-C02-053	NS	NS	PO-VPB-07	7/11/2006	0.4
PO-C02-053	NS	NS	PO-VPB-07	10/17/2006	1 J
PO-C02-053	12/18/2006	1.6	PO-VPB-07	1/5/2007	0.6 J
PO-C02-205	NS	NS	PO-VPB-08	NS	NS
PO-C02-205	NS	NS	PO-VPB-08	7/11/2006	ND (0.2)
PO-C02-205	NS	NS	PO-VPB-08	10/5/2006	ND (0.2)
PO-C02-205	12/18/2006	ND (0.2)	PO-VPB-08	12/18/2006	ND (0.2)
PO-C03-182	3/21/2006	ND (0.2)	PO-VPB-09	NS	NS
PO-C03-182	NS	NS	PO-VPB-09	NS	NS
PO-C03-182	NS	NS	PO-VPB-09	NS	NS
PO-C03-182	12/15/2006	ND (0.2)	PO-VPB-09	NS	NS
PO-C03-235	NS	NS	PO-VPB-10	3/21/2006	6.1
PO-C03-235	NS	NS	PO-VPB-10	7/6/2006	5.3
PO-C03-235	NS	NS	PO-VPB-10	NS	NS
PO-C03-235	12/15/2006	ND (0.2)	PO-VPB-10	12/14/2006	6.3 J
PO-VPB-01	3/20/2006	3.6 J	PO-VPB-11	NS	NS
PO-VPB-01	NS	NS	PO-VPB-11	NS	NS
PO-VPB-01	NS	NS	PO-VPB-11	NS	NS
PO-VPB-01	12/18/2006	3.7 J	PO-VPB-11	NS	NS

TABLE 2-10
Summary of Hexavalent Chromium - First, Second, Third, and Fourth Quarters 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Sample Date	Hexavalent Chromium (µg/L)
VD-VPB-01	3/21/2006	0.18 J
VD-VPB-01	7/5/2006	0.12 J
VD-VPB-01	10/4/2006	0.18 J
VD-VPB-01	12/19/2006	ND (0.2)
VD-VPB-02	3/22/2006	ND (0.2)
VD-VPB-02	7/6/2006	ND (0.2)
VD-VPB-02	10/4/2006	ND (0.2)
VD-VPB-02	12/19/2006	0.12 J
VD-VPB-03	3/22/2006	0.24 J
VD-VPB-03	7/5/2006	0.31 J
VD-VPB-03	10/4/2006	0.32 J
VD-VPB-03	12/19/2006	0.28 J
VD-VPB-04	NS	NS
VD-VPB-04	NS	NS
VD-VPB-04	NS	NS
VD-VPB-04	NS	NS
VD-VPB-05	3/22/2006	ND (0.2)
VD-VPB-05	7/5/2006	ND (0.2)
VD-VPB-05	10/4/2006	ND (0.2)
VD-VPB-05	12/19/2006	ND (0.2)
VD-VPB-06	3/22/2006	ND (0.2)
VD-VPB-06	7/5/2006	ND (0.2)
VD-VPB-06	10/4/2006	0.22 J
VD-VPB-06	12/19/2006	0.27 J
VD-VPB-07	3/22/2006	ND (0.2)
VD-VPB-07	NS	NS
VD-VPB-07	NS	NS
VD-VPB-07	12/19/2006	ND (0.2)

Notes:
Chromium VI: MCL to be established - currently regulated under the total chromium MCL
Results greater than the MCL are bolded
J = Approximate concentration
ND (250) = Not detected (reporting limit)
NS = Not sampled
µg/L = Micrograms per liter

SECTION 3.0

Comparison of Results from 2005 Sampling Events

3.1 Comparison of Water Levels

Water levels were measured at each RI monitoring well sampled during each quarterly sampling event. A comparison of depth to water below ground surface and groundwater elevations at the time of the first, second, third, and fourth quarter sampling is provided in Table 2-1. Additionally, these measurements are incorporated into the database, converted to elevations above mean sea level, and presented as hydrographs in Appendix H. Figure 3-1 presents a map showing the 4 Areas of the Superfund Site. The Operable Units (OUs) within these Areas are shown on Figure 1-1.

Comparison of water level elevations between the first quarter of 2006 and the fourth quarter of 2005 in Area 1 (North Hollywood) showed modest increases of approximately 2 to 4 feet across the Area. Water levels in Area 2 (Crystal Springs) showed similar increases between 2 to 4 feet, with greater increases observed in the vicinity of the I-5 corridor; water levels in Area 3 (Verdugo) showed increases of approximately 1 to 2 feet; and water levels in Area 4 (Pollock) were essentially unchanged.

During the second quarter 2006, water levels in the Basin showed minor fluctuations with variations generally between decreases of 1 foot to increases of 1 foot. In North Hollywood (Area 1) an exception to this was observed in the vicinity of the Rinaldi-Toluca wellfield at NH-VPB-06 and NH-VPB-07, where increases of 4 feet were observed. In Crystal Springs (Area 2) water levels showed decreases on the order of 1 foot. In Pollock (Area 4) and Verdugo (Area 3) water levels were comparable to those observed during the first quarter.

During the third quarter of 2006, water levels in North Hollywood (Area 1) showed increases on the order of 1 to 2 feet compared to the previous quarter, with the exception of NH-C03-380 which showed a decrease of 5 feet. Crystal Springs (Area 2) water levels showed increases consistently over the area on the order of 1 to 2 feet compared to the previous quarter. The Verdugo Basin (Area 3) water levels remained constant, and in Pollock (Area 4) water levels in the southern portion of the area (at PO-VPB-03 and PO-VPB-07) showed decreases of 5 and 6 feet, respectively.

Although precipitation across the SFV was below-normal during 2006, water levels observed at the RI monitoring wells remained relatively stable with only a slight decreases from the third to fourth quarter. The effect of below-normal precipitation in 2006 appears evident with water levels continuing to remain stable or show slight decreases from the third quarter to the fourth quarter. Across Areas 1 and 2 water levels were essentially constant compared to levels of the previous quarter, with only minor decreases observed at monitoring wells in the northern portion of Area 1. The water levels in Pollock (Area 4) remained generally consistent, with only PO-VPB-03 showing a decrease of 2 feet. In the

Verdugo Basin (Area 3) water levels remained generally consistent with the levels observed during the previous quarter.

When compared annually (fourth quarter 2005 to fourth quarter 2006), three general areas of water level changes are observed across the Basin. These areas are:

- **The northern portion of Area 1 (NHOU).** In this area water levels showed the greatest increases, as much as 14 feet in the vicinity of NH-VPB-02 and 9 feet in the southern portion of the NHOU in the vicinity of NH-VPB-05 and -08. These increases across Area 1 were sufficient to allow sample collection at most shallow water table wells (NH-VPBs) with the exceptions of NH-VPB-03, -11 and -13 located along the western and northern portions of the Operable Unit.
- **The southern portion of Area 1 (BOU) and the major portion of Area 2 (GNOU and GSOU).** Across these areas water levels showed more modest increases ranging between 1 to 3 feet. A maximum increase of 5 feet at Crystal Springs monitoring well CS-C01-285 was observed.
- **The major portion of Area 4 (Pollock area).** In this area water level decreases ranging from 5 to 14 feet were observed. The maximum decreases of 14 feet were observed in the vicinity of the Pollock Treatment Plant at RI monitoring wells PO-VPB-03 and PO-VPB-07.

3.2 Comparison of Quarterly Analytical Results

In this section analytical results from each quarterly sampling event are compared to results from the previous event. TCE concentrations detected at RI monitoring wells during each quarterly sampling event in 2006 are compared to historical maximum and minimum concentrations in Tables 3-1 through 3-4, and 2006 results are summarized in Table 3-5. Similar PCE concentration summaries are provided in Tables 3-6 through 3-10. Values in **bold type** indicate samples that contain reported TCE or PCE concentrations greater than the MCL of 5 µg/L. Flags within the "Change" column indicate samples that exhibit a marked change in concentration during the current sampling event compared to the previous sampling event. A "marked change" in TCE and PCE concentration is considered a change in concentration between the following categories:

- 0 to 5 µg/L
- >5 to 50 µg/L
- >50 to 100 µg/L
- >100 to 500 µg/L
- >500 to 1,000 µg/L
- >1,000 to 5,000 µg/L
- >5,000 µg/L

For example, if a sample had a reported concentration of 550 µg/L TCE for the current quarter, but a reported concentration of 60 µg/L during the previous quarter, a flag of +2 would be present in the "Change" column of Tables 3-1 through 3-10. If the reported sample concentration had decreased to the next lower category, the flag would read -1. These

concentration categories are the same as those used during preparation of basinwide TCE and PCE contaminant concentration maps.

VOC concentrations that exceed MCLs at RI monitoring wells during each quarterly sampling event of 2006 are presented in Tables 3-11 through 3-14.

Nitrate data for RI monitoring wells sampled during the first, second, third, and fourth quarters of 2006 are provided in Tables 3-15 through 3-19. Values in bold type indicate samples that contain reported nitrate concentrations greater than the MCL of 45 mg/L (as NO_3). Flags within the "Change" column of Tables 3-15 through 3-19 indicate samples that exhibit a marked change in reported nitrate concentration from the current quarter to the previous quarter. A marked change in nitrate concentration (as NO_3) is herein defined as a change in concentration between the following categories:

- 0 to 20 mg/L
- >20 to 45 mg/L
- >45 to 65 mg/L
- >65 mg/L

Numerical flags in the "Change" column of Tables 3-15 through 3-19 follow the same logic as described above: a reported nitrate concentration increase of one category relative to the previous quarter's sample will read +1; a decrease of two categories will read -2.

3.2.1 TCE Concentrations

Reported TCE concentrations at 40 of the 47 RI monitoring wells sampled during the first quarter of 2006 are not markedly changed relative to the previous values for these wells (Table 3-1). Data from the first quarter show the following:

- The number of RI monitoring wells with concentrations of TCE greater than the MCL of 5 µg/L decreased from 32 wells during fourth quarter 2005 (annual) event to 29 wells during this quarter. The maximum observed concentration of TCE during this event was 5,000 µg/L at CS-VPB-07.
- Four monitoring wells (CS-VPB-05, CS-VPB-09, NH-C05-460 and NH-VPB-07) showed increases of one category (840 to 1,900 µg/L, ND to 0.15J µg/L, 100 to 110 µg/L, and ND to 0.31J µg/L, respectively).
- Three monitoring wells (NH-C03-580, VD-VPB-01 and VD-VPB-02) showed a decrease of one category (6.9 to 2.9 µg/L, 0.14J µg/L to ND, and 0.08J µg/L to ND, respectively).

Comparison of the TCE data for the second quarter with data from the first quarter shows 42 of the 47 RI monitoring wells sampled are not markedly changed relative to the values for these wells from the first quarter (Table 3-2). Data from the second quarter show the following:

- The number of RI monitoring wells containing concentrations of TCE greater than the MCL of 5 µg/L increased from 29 to 31 wells. The maximum observed concentration of TCE during this event was 4,000 µg/L at CS-VPB-07.

- Two monitoring wells during the second quarter (CS-C03-100 and PO-VPB-07) showed an increase of TCE concentration of one or more categories (140 to 1,300 µg/L and 22 to 65 µg/L, respectively).
- Three monitoring wells (CS-VPB-09, NH-C05-460 and NH-VPB-07) showed a decrease of one category (0.15J µg/L to ND, 110 to 98 µg/L, and 0.31J µg/L to ND, respectively).

Comparison of the TCE data for the third quarter 2006 with data from the second quarter shows 43 of the 49 RI monitoring wells sampled are not markedly changed relative to the values for these wells from the second quarter (Table 3-3). Data from the third quarter show the following:

- The number of RI monitoring wells containing concentrations of TCE greater than the MCL of 5 µg/L increased from 31 to 32 wells. The maximum observed concentration of TCE during this event was 4,200 µg/L at CS-VPB-04.
- Two monitoring wells (CS-VPB-08 and NH-VPB-02) showed an increase of TCE concentration of one category (100 to 110 µg/L and ND to 0.21J µg/L, respectively).
- Four monitoring wells (CS-VPB-07, NH-C06-285, NH-VPB-08, and VD-VPB-05) showed a decrease of one category (4,000 to 790 µg/L, 53 to 47 µg/L, 10 to 4.6 µg/L, and 0.11J µg/L to ND, respectively).

The number of RI monitoring wells with concentrations of TCE greater than the MCL of 5 µg/L during the 2006 annual event increased to 33 from 32 the previous quarter (Table 3-4). Data from the fourth quarter (annual) event show the following:

- One monitoring well (CS-VPB-05) showed a decrease of two categories (1,100 to 400 µg/L).
- Four monitoring wells (CS-VPB-07, CS-VPB-08, PO-VPB-05, and PO-VPB-08) showed a decrease of one category (790 to 390 µg/L, 110 to 100 µg/L, 0.28J µg/L to ND, and 89 to 20 µg/L, respectively).

Reported TCE concentrations at RI monitoring wells sampled during 2006 fluctuated somewhat; however, overall the concentrations remained generally consistent (Table 3-5). As detailed above, the number of RI monitoring wells that had concentrations of TCE greater than the MCL of 5 µg/L was 29 monitoring wells in the first quarter (a decrease of 3 wells compared to the final quarter of 2005), 31 wells in the second quarter (+2 from the previous quarter), 32 wells in the third quarter (+1), and 33 wells in the fourth quarter (+1).

Historic concentration data acquired to date for TCE and PCE are presented as VOC concentration and water level plots for each RI monitoring well in Appendix H. These plots also include the historic maximum observed concentration and the average concentration for the well. Concentrations that are reported below laboratory detection limits are plotted with non-filled symbols at the detection limit.

3.2.2 PCE Concentrations

PCE concentrations at 39 of the 47 RI monitoring wells sampled during the first quarter 2006 showed little change compared to the fourth quarter of 2005. The number of wells with PCE

concentrations greater than the MCL of 5 µg/L decreased to 16 from 22 during the previous annual event (Table 3-6). Data from the first quarter show the following:

- Two monitoring wells show a decrease of two categories, 110 to 14 µg/L at CS-C03-100 and 38 µg/L to ND at CS-VPB-07.
- Five monitoring wells (CS-C01-105, CS-VPB-01, CS-VPB-03, NH-VPB-07 and VD-VPB-07) show a decrease of one category (5.1 to 4.2 µg/L, 110 to 72 µg/L, 0.11J µg/L to ND, 7 to 1.8 µg/L, and 0.09J µg/L to ND, respectively).
- One monitoring well (PO-VPB-02) showed an increase of one category (75 to 140 µg/L).

PCE data at 38 of the 47 RI monitoring wells sampled during the second quarter 2006 did not change markedly compared to the first quarter of 2006. The number of wells with PCE concentrations greater than the MCL of 5 µg/L increased to 21 from 16 during the previous annual event (Table 3-7). Data from the second quarter show the following:

- In comparison to the previous quarter, four monitoring wells (CS-C01-105, CS-C03-100, NH-C01-325, and PO-VPB-03) showed an increase of one category (4.2 to 5.3 µg/L, 14 to 92 µg/L, 3.2 to 19 µg/L and 5 to 5.9 µg/L, respectively).
- One monitoring well (CS-VPB-07) showed an increase of two categories (ND to 30 µg/L). The ND observation from the previous quarter appears to have been an anomaly resulting from an unusually high reporting limit of 500 µg/L due to laboratory dilutions.
- Four monitoring wells (CS-C02-180, CS-VPB-06, NH-VPB-05, and VD-VPB-07) showed a decrease of one category (5.2 to 4.5 µg/L, 6.3 to 4.7 µg/L, 0.28 µg/L to ND, and 0.094 µg/L to ND, respectively).

Comparison of the PCE data for the third quarter of 2006 with data from the second quarter showed that 40 of the 49 wells did not change markedly. During the third quarter of 2006, the number of sampled RI monitoring wells exceeding the MCL for PCE increased to 27 wells from 21 during the previous event (Table 3-8). Data from the third quarter show the following:

- Nine monitoring wells showed an increase of one category: CS-C02-180 (4.5 to 5.3 µg/L), CS-C03-100 (92 to 130 µg/L), CS-VPB-06 (4.7 to 6.8 µg/L), NH-C06-285 (3.8 to 5.2 µg/L), NH-VPB-02 (1.6 to 7.5 µg/L), NH-VPB-04 (ND to 0.11J µg/L), NH-VPB-05 (ND to 0.45J µg/L), PO-VPB-02 (90 to 140 µg/L), and PO-VPB-08 (4.1 to 5.6 µg/L).

The number of sampled RI monitoring wells exceeding the MCL for PCE during the fourth quarter of 2006 decreased to 24 wells from 27 the previous quarter (Table 3-9). Data from the fourth quarter (annual) event show the following:

- Comparison of PCE concentrations for the fourth quarter 2006 event to the third quarter sampling event show two wells (CS-C03-325 and PO-VPB-06) with an increase of one category (ND to 0.27J µg/L and ND to 0.24J µg/L, respectively).
- Ten monitoring wells showed a decrease of one category: CS-C02-180 (5.3 to 4.3 µg/L), CS-C03-100 (130 to 100 µg/L), CS-VPB-05 (68 to 30 µg/L), CS-VPB-06 (6.8 to 5J µg/L), NH-C01-660 (0.08J µg/L to ND), NH-C01-780 (0.09J µg/L to ND), NH-C06-285 (5.2 to

4.3 µg/L), NH-VPB-04 (0.11J µg/L to ND), PO-VPB-02 (140 to 77 µg/L) and PO-VPB-05 (0.1J µg/L to ND).

PCE concentrations at RI monitoring wells sampled during 2006 showed moderate changes throughout the year (Table 3-10). As detailed above, the number of RI monitoring wells with concentrations of PCE greater than the MCL of 5 µg/L was 16 wells in the first quarter (a decrease of 6 wells compared to the final quarter of 2005), 21 wells in the second quarter (+5 from the previous quarter), 27 wells in the third quarter (+6 wells), and 24 wells in the fourth quarter (-3 wells).

3.2.3 Other VOCs

During each quarterly event, several non-chlorinated and chlorinated VOCs (including acetone, 2-butanone, chloroform, and methylene chloride) were detected at concentrations below the CRQL (J-qualified). These compounds are also recognized as common laboratory and/or field blank contaminants. The environmental sample is "B-qualified" when the analyte is found in the associated blank sample.

The number of RI monitoring wells where VOCs (other than TCE and PCE) were detected is similar to the RI monitoring wells where of other VOCs have previously been detected.

During the first quarter 2006 sampling event, 16 wells exceeded the MCL for VOCs other than TCE and PCE (Table 3-11). Compounds detected in these wells include:

- 1,1-dichloroethene, 1,1-dichloroethane, 1,2-dichloroethane and carbon tetrachloride at CS-VPB-05.
- 1,1-dichloroethene, 1,1-dichloroethane and 1,2-dichloroethane at CS-C05-160.
- 1,1-dichloroethene and carbon tetrachloride at CS-VPB-06.
- 1,1-dichloroethene at CS-C03-100, CS-VPB-03, CS-VPB-07 and PO-VPB-02.
- Carbon tetrachloride at CS-C01-285, CS-C02-250, CS-C02-335, NH-C02-220, NH-C02-520, NH-C06-285, NH-VPB-01, NH-VPB-05, and PO-C01-195.

During the second quarter 2006 sampling event, 15 monitoring wells exceeded the MCL for VOCs other than TCE and PCE (Table 3-12). Compounds detected in these wells include:

- 1,1-dichloroethene, cis-1,2-dichloroethene, 1,1-dichloroethane, 1,2-dichloroethane and carbon tetrachloride at CS-VPB-04.
- 1,1-dichloroethene, cis-1,2,-dichloroethene, 1,1-dichloroethane and carbon tetrachloride at CS-C03-100, CS-VPB-05 and CS-VPB-07.
- 1,1-dichloroethene, 1,2-dichloroethane, and carbon tetrachloride at CS-C05-160.
- 1,1-dichloroethene and carbon tetrachloride at CS-VPB-06.
- 1,1-dichloroethene at CS-VPB-03 and PO-VPB-02.
- Carbon tetrachloride at CS-C01-285, CS-C02-250, CS-C02-335, NH-C02-520, NH-C06-285, NH-VPB-01, and NH-VPB-05.

During the third quarter 2006 sampling event, 16 monitoring wells exceeded the MCL for VOCs other than TCE and PCE (Table 3-13). Compounds detected in these wells include:

- 1,1-dichloroethene, cis-1,2-dichloroethene, 1,1-dichloroethane, 1,2-dichloroethane and carbon tetrachloride at CS-C03-100, CS-VPB-04 and CS-VPB-05.
- 1,1-dichloroethene, 1,2-dichloroethane, and carbon tetrachloride at CS-VPB-07.
- 1,1-dichloroethene and carbon tetrachloride at CS-C05-160 and PO-VPB-02.
- 1,1-dichloroethene at CS-VPB-03.
- Carbon tetrachloride at CS-C01-285, CS-C02-250, CS-C02-335, CS-VPB-01, NH-C02-220, NH-C02-520, NH-C06-285, NH-VPB-01, and NH-VPB-05.

During the fourth quarter 2006 sampling event, 16 monitoring wells exceeded the MCL for VOCs other than TCE and PCE (Table 3-14). Compounds detected in these wells include:

- 1,1-dichloroethene, cis-1,2-dichloroethene, 1,1-dichloroethane, and carbon tetrachloride at CS-C03-100, CS-VPB-04 and CS-VPB-05.
- 1,1-dichloroethene and carbon tetrachloride and at CS-VPB-06, CS-VPB-07 and PO-VPB-02.
- 1,1-dichloroethene at CS-VPB-03.
- Carbon tetrachloride at CS-C01-285, CS-C02-250, CS-C02-335, CS-C05-160, NH-C02-220, NH-C02-520, NH-C06-285, NH-VPB-01, and NH-VPB-05.

3.2.4 Nitrate

Nitrate (as NO_3) concentrations for each quarterly event of 2006, together with historic maximum and minimum observed concentrations, are presented in Tables 3-15, 3-16, 3-17, and 3-18. A comparative summary of the quarterly nitrate concentrations is shown in Table 3-19.

Of the 47 RI monitoring wells sampled during the first quarter of 2006, 18 had concentrations exceeding the nitrate MCL of 45 mg/L (as NO_3) compared to 24 wells during the fourth quarter 2005 annual sampling event (Table 3-15). During the first quarter:

- Two monitoring wells (VD-VPB-05 and VD-VPB-06) showed a one-category increase in reported nitrate concentration, placing them above the MCL.
- One monitoring well, VD-VPB-02, showed a two-category decrease in reported nitrate concentration, placing it below the MCL.

During the second quarter of 2006, nitrate concentrations exceeding the MCL were observed at 19 monitoring wells, increasing from 18 monitoring wells the previous quarter (Table 3-16). During the second quarter:

- Six monitoring wells (NH-C01-325, NH-C02-325, NH-C05-460, NH-VPB-08, PO-VPB-07, and VD-VPB-02) showed an increase of one category. Two of these wells (PO-VPB-07 and VD-VPB-02) increased to above the MCL.

- One monitoring well, NH-C02-520, showed a decrease of one category.

During the third quarter, nitrate concentrations greater than the MCL were observed at 24 of the 49 monitoring wells sampled (Table 3-17). Seven RI monitoring wells showed a comparative change in values for nitrate between the second quarter and the third quarter. In the third quarter:

- Three monitoring wells (CS-VPB-02, CS-VPB-07 and NH-VPB-04) increased one category, with each well increasing to above the MCL.
- Four monitoring wells (NH-C01-325, NH-VPB-01, VD-VPB-05 and VD-VPB-06) decreased one category. Two of these monitoring wells (NH-VPB-01 and VD-VPB-05) decreased to below the MCL.

During the fourth quarter annual event, nitrate concentrations greater than the MCL were detected at 21 of the 74 monitoring wells (Table 3-18):

- Two monitoring wells (NH-C01-325 and PO-C02-053) increased one category, with PO-C02-053 increasing to above the MCL.
- Eight monitoring wells (CS-C02-250, CS-VPB-02, CS-VPB-05, CS-VPB-09, CS-VPB-11, NH-VPB-06, PO-VPB-07 and VD-VPB-07) decreased one category. Five of these monitoring wells (CS-VPB-02, CS-VPB-05, CS-VPB-09, CS-VPB-11 and PO-VPB-07) decreased to below the MCL.

3.2.5 Metals

Analysis of dissolved metals was conducted during the fourth quarter 2006 annual sampling event. Metals that were reported above primary and secondary MCLs included dissolved manganese and dissolved chromium (Table 2-9). Chromium was detected in five monitoring wells (CS-C03-100, CS-VPB-03, CS-VPB-04, CS-VPB-05, and PO-VPB-02) and manganese was detected in three monitoring wells (PO-C02-205, PO-VPB-08 and VD-VPB-05). The concentration of dissolved chromium in monitoring well CS-VPB-04 decreased from 455 µg/L to 242 µg/L. However, chromium concentrations at CS-C03-100, located upgradient, and CS-VPB-05, located downgradient from CS-VPB-04, increased from 56.8 to 74.5 µg/L and from 229 to 298 µg/L, respectively. Additionally, chromium in monitoring well CS-VPB-03, also upgradient, increased to above the MCL with 60.4 µg/L. PO-VPB-02 remained comparable to observed historic concentrations with 238 µg/L.

3.2.6 Hexavalent Chromium

Concentrations of hexavalent chromium exceeding the MDL of 0.2 µg/L were detected in 40 of the 47 monitoring wells (9 exceeding 5 µg/L) sampled during the first quarter sampling event; 40 of the 47 monitoring wells (11 exceeding 5 µg/L) sampled during the second quarter sampling event; 43 of the 49 monitoring wells (11 exceeding 5 µg/L) sampled during the third quarter sampling event; and 56 of the 74 monitoring wells (15 exceeding 5 µg/L) sampled during the fourth quarter sampling event (Table 2-10).

Beginning in 2000, USEPA has included hexavalent chromium as a part of the analytical suite for all sampling events (quarterly and annual). Between 2000 and 2006, the hexavalent chromium concentrations in most of the monitoring wells have remained generally

consistent, with fluctuations of 1 or 2 µg/L observed. However, 12 of the 84 wells in the monitoring program merit further discussion. The detected concentrations that exceeded 5 µg/L occurred at a consistent set of monitoring wells (CS-C01-285, CS-C02-250, CS-C02-335, CS-C03-100, CS-C05-160, CS-VPB-03, CS-VPB-04, CS-VPB-05, CS-VPB-06, CS-VPB-09, NH-C06-160, and PO-VPB-02) (Table 2-10). Five of these 12 monitoring wells (CS-C02-250, CS-C03-100, CS-VPB-03, CS-VPB-04 and CS-VPB-05) had an increasing trend during 2006 (0.98 to 5.3 µg/L, 66 to 84 µg/L, 53 to 65 µg/L, 130 to 260 µg/L, and 240 to 340µg/L, respectively). Two of the remaining wells (CS-C05-160 and CS-VPB-06) had a decreasing trend during 2006 (56 to 14 µg/L and 8.9 to 5.9 µg/L, respectively). The detected concentrations at the remaining five monitoring wells were relatively consistent during the quarterly sample events of 2006.

3.2.7 Other Analytical Parameters

During the 2006 fourth quarter sampling event, groundwater was analyzed for general water chemistry parameters including chloride, sulfate, total alkalinity, TDS, and TOC (Table 2-8). TDS values ranged from 250 mg/L (NH-C02-681) to 2,600 mg/L (PO-VPB-06). The secondary MCL (500 mg/L) for TDS was exceeded in 41 of the 74 RI monitoring wells during the fourth quarter (Table 2-8). Total alkalinity ranged from 100 mg/L (VD-VPB-06) to a high of 540 mg/L (CS-VPB-09). All RI monitoring wells were below the secondary MCL for sulfate (250 mg/L), with the exception of CS-C02-180, NH-C06-425, and PO-VPB-07, which had concentrations of 310 mg/L, 400 mg/L and 270 mg/L, respectively. For the previous several reporting years, the above noted RI monitoring wells have been noted for exceeding the secondary MCL for TDS and sulfate.

3.3 Concentration Contour Maps

TCE and PCE are common and widespread in the SFV Basin and approximate the distribution of other VOCs. To evaluate the lateral and vertical distribution of TCE, PCE, and nitrate in the SFV, depth-specific concentration contour maps were created using current data from the SFV Basin groundwater database. Figure 3-1 presents a map showing the locations of the wells used for preparation of the contour maps, and the contour maps are presented in Figures 3-2 through 3-7. The database includes water quality and water level data for the RI wells, as well as data from local facilities in the SFV, transmitted by the California RWQCB and LMC. Data from local groundwater purveyors (LADWP, the Cities of Glendale and Burbank, and Crescenta Valley County Water District) were also incorporated into the database.

3.3.1 Interval Selection

The depth intervals for the 2006 concentration contour maps are based on: (1) water level data from RI monitoring wells, facility wells, and production wells; (2) screened intervals in monitoring wells, facility wells, and production wells; and (3) concentration values for TCE, PCE, and nitrate from the most recent sampling event for the available RI monitoring wells, facility wells, and landfill wells. The concentration of TCE, PCE, and nitrate is typically greater in wells with screens at or near the water table, with groundwater contamination generally decreasing with depth. Exceptions to this trend are apparent in the southern portion of Area 1 and an area in the southern portion of the GNOU.

Based on the available data, two sets of depth-specific concentration contour maps were developed based upon wells that are screened: (1) within 50 feet of the water table (Shallow Zone), and (2) more than 50 feet below the water table (Deeper Zone).

Data from production wells are categorized in the same manner as the RI monitoring wells. Production wells with the top of their screened interval within 50 feet of the water table are assumed to be in the Shallow Zone, and wells with the top of their screen greater than 50 feet below the water table are assumed to be in the Deeper Zone. Production well data are posted on the concentration contour maps; however, the concentration of the constituent within the well is considered only as an indicator on the upper zone maps because the constituents may be diluted by water entering the well screens from deeper intervals that have lower concentrations of the constituents.

3.3.2 Estimated Areal Extent

The depth-specific concentration contour maps combine available water quality data with professional judgment to present an estimate of TCE, PCE, and nitrate distribution in the eastern SFV Basin (Figures 3-2 through 3-7). The figures were prepared by hand contouring the relative concentration contours onto GIS-generated maps depicting available TCE, PCE, and nitrate values.

Concentrations are based on the available representative data from the RI monitoring wells, facility wells, landfill wells, and production wells incorporated in the SFV database. This data set of representative data in the SFV database includes all available "recent" data while also retaining "older" data (pre-2000 data). The older data are retained at the latest-known value until a more recent replacement value is obtained. These older data points are presented on the concentration contour maps with a different well symbol. Approximately 410 of the 930 monitoring and production wells used in preparation of the concentration contour maps for 2006 were considered older data points (i.e., pre-2000). In Area 1 (NHOU and BOU), there are two primary areas where the majority of the older data are located. One area includes the northern and central portions of the NHOU, representing mainly monitoring wells in the vicinity of former North Hollywood landfills and inactive LADWP production wells in several of their well fields located within the NHOU. The second area extends east and south of the Burbank Airport, representing mainly former facility monitoring wells located in the BOU. In Area 2 (GNOU and GSOU), there are also two primary areas where older data are located. One area is located in the central and southern portions of the GNOU, representing former facility monitoring wells and former City of Glendale production wells; the other is in the northern portion of the GSOU, representing former facility monitoring wells.

Using the most recently available value, not the maximum or average value, does not significantly affect the interpretations shown in the concentration contour maps as they are developed. However, this method presents the current concentration contour maps as similar to earlier maps in the areas of older data. More significant differences are observed in those areas where recently available data exist.

Because the data incorporated into the SFV database are obtained from various sources with varying, different schedules of sampling, the figures are not a "snapshot in time" but rather, represent the most recently available data. As additional data are incorporated into the SFV

database from newly installed wells or from older wells that have been re-sampled recently, the interpretation of the "area of detectable concentration" is also re-evaluated.

The estimated direction of groundwater flow is used to assist estimating the shape and size of individual zones of contamination. These parameters are also used for estimating the lateral boundaries, although these boundaries are more readily determined from reported concentration values. The groundwater flow directions are fairly well understood, but the downgradient margins of contamination are not always well-defined.

3.3.3 Shallow Zone

Concentration contours in the shallow interval are based on available TCE, PCE, and nitrate data (Figures 3-2 through 3-4). For 2006, the areas within the 5 µg/L (MCL) concentration contour for both TCE and PCE are generally similar to the areal coverage estimated in previous concentration contour maps. For both TCE and PCE, this area encompasses the southern and western portions of Area 1 (NHOU and BOU), a centralized corridor corresponding to the industrialized area along the Interstate 5 (I-5) Freeway through Area 2 (GNOU and GSOU), and the central portion of Area 4 (Pollock). Approximately 19 square miles of the eastern SFV are impacted by the shallow zone contaminant plume, which is 17 miles in length and 2.6 miles wide at its widest.

Area 1 (NHOU and BOU)

Area 1 contains three distinct general areas where concentrations of TCE exceed 100 µg/L, similar to previous years (see Figure 3-2). The first of these areas begins east of the Burbank Airport, in the vicinity of several current and former facilities adjacent to the LMC former B-6 plant area, and extends in a southeasterly direction toward the former LMC B-1 plant area. This area also includes the former LMC A-1 area, immediately south of the Burbank Airport, and continues for approximately 2 miles (approximately 1 mile wide at its widest point) to the southern boundary of the BOU, and then continues into the GNOU of Area 2. Recently available data (December 2006) for facility monitoring wells north of the BOU extraction wells indicates several isolated areas where TCE concentrations exceed 500 µg/L to the east and southeast of the Burbank Airport (3850M with 1,100 µg/L, V14WBRS5 with 1,400 µg/L, and 3850N with 590 µg/L). South of the BOU extraction wells the area greater than 500 µg/L is comparable to the area presented on the 2005 TCE concentration map.

A separate area of TCE concentrations exceeding 100 µg/L occurs at the former LMC C-1 plant area at the western end of the Burbank Airport (see Figure 3-2). In this area during December 2006, a TCE concentration of 600 µg/L was detected at monitoring well LC1-CW06.

The third area of TCE concentrations greater than the 100 µg/L occurs in the vicinity of the Honeywell facility near the North Hollywood Treatment Plant (NHOU Treatment Plant). This western TCE plume area is generally distributed along the axis of the NHOU extraction well system, with the concentrations decreasing to the south. The installation of several additional monitoring wells in the vicinity of the Honeywell facility at the request of USEPA and RWQCB has furthered the assessment of the character and extent of this portion of the TCE contaminant plume.

PCE concentrations in the eastern portion of Area 1 exceed 100 µg/L in the same general areas as described above for TCE concentrations. North of the BOU extraction well system PCE concentrations exceeding 1,000 µg/L are detected. Concentrations of 1,400, 1,100 and 1,500

µg/L, respectively, were observed slightly northeast of the Burbank Airport at monitoring wells V14WBRS5, 4959J and V14CRNW2. East of the Burbank Airport at monitoring wells V14CRNW1, V14CRNW4 and 3860K, recent PCE concentrations were 1,500, 1,100 and 3,200 µg/L, respectively. Compared to concentrations detected in previous years, the areas of elevated PCE concentrations are similar,

In the western portion of Area 1, in the vicinity of the NHOU Treatment Plant, PCE concentrations exceed the MCL in three small localized areas (see Figure 3-3). One of these areas, where concentrations greater than 50 µg/L are observed, trends along the axis of the NHOU extraction wells from the Honeywell facility. A second area is indicated in the vicinity of the former Hewitt landfill, where 23 µg/L of PCE was reported at 4909C in 2006. The third small area is centered near NH-VPB-02, which had a 2006 PCE concentration of 5.4 µg/L.

The nitrate concentrations exceeding the MCL of 45 mg/L (as NO_3) in Area 1 are shown on Figure 3-4. There are several isolated, somewhat elongated areas, which cover the western portion of the NHOU and the central portion of the BOU. Additional data from recent sampling at NH-VPB-06 and monitoring wells in the vicinity of the former Hewitt landfill indicate a larger area of nitrate contamination in this portion of the NHOU when compared to previous years. However, recent data show that nitrate contamination south of the Burbank Airport appears to be less that observed during previous years. Areas of nitrate contamination within the BOU are similar to those observed previously.

Area 2 (GNOU and GSOU)

Area 2 contains several areas where concentrations of TCE exceed 100 µg/L (see Figure 3-2). These distinct areas are similar in orientation to the areas observed in previous years, with the largest of these areas representing a continuation of the plume originating upgradient in Area 1 extending approximately 3 miles southeasterly to a point immediately south of the GNOU extraction well system near the Glendale Treatment Plant. In addition to this area there is an additional elongated area with TCE concentrations exceeding 100 µg/L extending along the I-5 corridor, within which there are several smaller areas associated with former industrial facilities where TCE concentrations over 1,000 µg/L have been reported. These two distinct, elongated areas of higher TCE concentrations merge in the vicinity of the LA River Narrows, forming a single plume extending past the Glendale Treatment Plant.

An area where TCE concentrations exceed 50 µg/L occurs in the central and southern portions of Area 2 (GSOU). Recent data indicate that this area is apparently separate from the larger extended area described above. Several distinct areas where TCE concentrations exceed 100 µg/L occur in the vicinity of former facilities north of the Glendale South extraction wells are observed within this area. Recently installed facility monitoring wells near the Excello and PRC Desoto facilities have allowed a more comprehensive understanding of TCE contamination in this area.

PCE concentrations exceeding 100 µg/L in Area 2 follow trends similar to the areas of higher TCE concentrations described above (see Figure 3-3). The majority of the areas of higher PCE concentration are consistent with the areas of elevated PCE concentrations observed during the previous year. Additional monitoring wells installed in the vicinities of the former ITT facility (now a Home Depot), the PRC Desoto facility, and the former Excello facility have provided data assisting with a better understanding of PCE contamination within Area 2. Data from monitoring wells at the former All Metals facility, immediately northwest of the Glendale

North extraction well system, have improved delineation of this potentially contaminated area, indicating two separate areas exceeding 100 µg/L that merge near GNOU extraction wells GN-1 and GN-2.

An additional area where PCE concentrations exceed 100 µg/L, consistent with the area observed for TCE contamination described above, is observed in the southwestern portion of Area 2 (GSOU). Again, at the request of RWQCB, facilities in this area have recently been providing water quality data allowing refinement of the identified areas of contamination.

There are several isolated, somewhat elongated areas of nitrate concentration exceeding the nitrate MCL of 45 mg/L (as NO_3) across the central portion of the GNOU and GSOU. These areas are the continuation of the nitrate observed in the southern portion of the BOU, and are similar to those observed in previous years.

Area 3 (Verdugo Area)

Area 3 was removed from the NPL during 2004. However, water quality data are still collected from the RI monitoring wells and input into the USEPA's SFV database, along with data received from the CVCWD. Data from 2006 indicate that concentrations of TCE and PCE were below the MCLs, with the maximum observation for PCE of 4.3 µg/L reported during December 2006 at VD-VPB-01.

Nitrate contamination is also evident in the Verdugo Area similar to the areas observed in previous years. This area generally extends from the northern boundary to the southern boundary of the former NPL site.

Area 4 (Pollock Area)

In Area 4, TCE concentrations exceeding the MCLs occur in three apparently small, separate areas: one area is directly east of LADWP's Pollock Treatment Plant; a second isolated area, in the vicinity of PO-VPB-03 with 7 µg/L, is slightly north of the Pollock Treatment Plant; and a third area extends through the former Taylor Yard area, south of the Pollock Wellfield (see Figure 3-2). Each of these areas is similar in concentration and orientation when compared to the areas exceeding the MCL for TCE in 2005.

PCE concentration data from 2006 in the former Taylor Yard area indicate that the total area of potential contamination is similar to what was observed in recent years; however, where historic concentrations as high as 540 µg/L once were observed, the maximum detected PCE concentrations are now below 20 µg/L.

The area of nitrate contamination in the Pollock Area extends from the boundary of the GSOU to the approximate location of the Pollock Wellfield. This area is similar to the area observed during the previous years.

Additional details of the shallow zone TCE and PCE concentration contour maps are located in Appendices G and H, respectively. These appendices present each shallow-zone concentration contour map with well locations, shown with a grid network imposed over the area within the 0.5 µg/L contour line. Similar to the presentation of an area in the Thomas Guides®, each grid square is presented as a separate plate showing greater detail than presented on the larger TCE and PCE concentration contour maps, along with street and highway names and other geographic information.

3.3.4 Deeper Zone

As discussed above, the concentrations of TCE and PCE generally decrease with depth (Figures 3-5 and 3-6). However, data for TCE and PCE from the lower interval are more limited. The areas in the lower interval exceeding 5 µg/L for both TCE and PCE are similar to what was detected during 2005, and they generally underlie the areas of contamination in the shallow zone (described above); however, the areas are less widespread than the areas observed in the shallow zone.

Area 1 (NHOU and BOU)

Area 1 contains several prominent areas where concentrations of TCE exceed 5 µg/L, similar to what was observed in 2005 (see Figure 3-5). The first of these areas underlies the shallow zone contamination detected to the southeast of the Burbank Airport, trending along the axis of the BOU's extraction well system. A second area is concentrated near the NHOU Treatment Plant and trends along the axis of the NHOU extraction wells. Two smaller, isolated areas of TCE contamination in the deeper zone exceeding the MCL of 5 µg/L are located in the vicinity of LADWP's Tujunga and Rinaldi-Toluca well fields, where a TCE concentration of 69 µg/L in December 2006 was detected at NH-C05-460. An additional area where TCE concentrations exceed 5 µg/L occurs in the vicinity of the LADWP Whitnall Wellfield and near NH-C02, similar to previous years.

PCE concentrations in Area 1 exceeding 5 µg/L are similar in total area to the area observed during 2005. However, 2006 data indicate that the localized areas in the vicinity of the NHOU extraction well system previously exceeding 50 µg/L appears smaller. The area of deeper zone PCE contamination exceeding 5 µg/L near the Rinaldi-Toluca well field is larger than what was observed in 2005.

Nitrate contamination in the deeper zone of Area 1 is limited to two small isolated areas. One of these is in the NHOU in the vicinity of the NH-C02 cluster wells, south of the Burbank Airport, and the other is located in the BOU east of the Burbank Airport.

Area 2 (GNOU and GSOU)

Area 2 contains several smaller, isolated areas where concentrations of TCE exceed 5 µg/L and are similar in orientation and magnitude to those observed during 2005. These areas trend southeasterly and conform generally to the areas of shallow zone contamination (see Figure 3-5). In the southern portion of Area 2 (GSOU), isolated areas of deeper zone contamination conform generally to the shallow zone contamination and are also similar in orientation and magnitude to those observed during 2005.

Areas where PCE concentrations in Area 2 exceed 5 µg/L are consistent with the areas for TCE described above (see Figure 3-6). Differences between these areas when compared to the observations from previous years are minor. PCE concentrations in the smaller, isolated areas in the southern portion of Area 2 are also comparable in size and concentrations to observations during 2005.

There are few detections of nitrate contamination in the deeper zone throughout Area 2. The only deeper zone nitrate detections are located near the NH-C06 cluster wells and in the vicinity of the CS-C04 cluster wells.

Area 4 (Pollock Area)

In Area 4 (Pollock Area), deeper zone concentrations of TCE and PCE in excess of the MCL are detected in a single, isolated area in the vicinity of the Pollock Treatment Plant, north of the former Taylor Yard (see Figures 3-5 and 3-6). This localized area is similar to the area detected in the shallow zone described above and is consistent with the areas observed in previous years.

TABLE 3-1
Maximum and Minimum Detected TCE Values - First Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Current Date	Current Value (µg/L)	Previous Value (µg/L)	Change	Previous Date	Minimum Detected Value (µg/L)	Maximum Value (µg/L)	Date of Maximum Value
CS-C01-105	3/15/2006	**5.8**	**6.1**		12/22/2005	**6.1**	**400 J**	10/26/1994
CS-C01-285	3/27/2006	**210**	**190**		12/22/2005	**26**	**530**	12/21/2001
CS-C01-558	NS	NS	ND (0.5)		12/15/2005	0.08 J	0.5 J	12/14/1995
CS-C02-062	3/24/2006	**21**	**28**		12/27/2005	**27**	**200**	11/8/1993
CS-C02-180	3/24/2006	**13**	**18**		12/27/2005	**11**	**280**	11/8/1993
CS-C02-250	3/24/2006	**130**	**110**		12/27/2005	**100**	**320**	11/8/1993
CS-C02-335	3/24/2006	**290**	**260**		12/27/2005	**51**	**420**	3/15/2004
CS-C03-100	3/27/2006	**140**	**470**		1/3/2006	**30**	**5,400**	5/9/1995
CS-C03-325	NS	NS	ND (0.5)		12/16/2005	1	4.3	5/18/1990
CS-C03-465	3/17/2006	**10**	**11**		1/3/2006	0.27 J	**11**	1/3/2006
CS-C03-550	NS	NS	1.5		12/16/2005	0.1 J	1.5	12/16/2005
CS-C04-290	3/17/2006	**17**	**19**		12/29/2005	3.8	**50**	3/26/1991
CS-C04-382	3/17/2006	**26**	**26**		12/29/2005	**7**	**32**	11/10/1993
CS-C04-520	NS	NS	ND (0.5)		12/16/2005	ND (0.5)	ND (0.5)	12/16/2005
CS-C05-160	3/17/2006	**290**	**210**		12/28/2005	**12**	**220**	6/16/2005
CS-C05-290	3/17/2006	**16**	**15**		12/28/2005	4	**66**	11/10/1993
CS-C06-185	3/20/2006	**8**	**6.9**		12/29/2005	3.5	**130**	9/12/1997
CS-C06-278	NS	NS	ND (0.5)		12/16/2005	0.3 J	**10**	12/12/2000
CS-VPB-01	3/24/2006	**78**	**89**		12/28/2005	**80**	**220**	6/5/2003
CS-VPB-02	NS	NS	4.2		12/16/2005	0.6 J	**110**	2/11/1993
CS-VPB-03	3/17/2006	**7.4**	**9.1**		12/28/2005	0.5 J	**19**	6/14/2005
CS-VPB-04	NS	NS	**1,700**		12/29/2005	**180**	**6,300**	9/24/2004
CS-VPB-05	3/27/2006	**1,900**	**840**	+1	12/28/2005	**7**	**2,100**	6/16/2005
CS-VPB-06	3/27/2006	**350**	**240**		12/29/2005	**20**	**540**	9/19/2001
CS-VPB-07	3/28/2006	**5,000**	**2,200**		12/28/2005	**850**	**12,000**	11/10/1993
CS-VPB-08	NS	NS	**80**		12/29/2005	**8**	**180**	2/12/1993
CS-VPB-09	3/20/2006	0.15 J	ND (0.5)	+1	12/16/2005	0.1 J	0.5 J	9/23/2004
CS-VPB-10	3/20/2006	**13**	**11**		12/29/2005	0.4 J	**12**	9/19/2005
CS-VPB-11	NS	NS	0.9		1/6/2003	0.6	**7.9**	9/15/1989
NH-C01-325	NS	NS	1.1		3/15/2005	0.2 J	**11**	6/5/1997
NH-C01-450	NS	NS	1		12/10/2001	0.4 J	1	12/10/2001
NH-C01-660	NS	NS	ND (0.5)		12/13/2005	ND (0.5)	ND (0.5)	12/13/2005
NH-C01-780	NS	NS	ND (0.5)		12/13/2005	ND (0.5)	ND (0.5)	12/13/2005
NH-C02-220	3/23/2006	**11**	**25**		6/13/2001	1 J	**30**	11/15/1993
NH-C02-325	3/14/2006	**15**	**10**		12/22/2005	**6**	**39**	3/16/2004
NH-C02-520	3/23/2006	**26**	**43**		12/22/2005	1.5	**260**	9/20/2001
NH-C02-681	NS	NS	ND (0.5)		12/14/2005	ND (0.5)	ND (0.5)	12/14/2005
NH-C03-380	3/15/2006	0.85	1.3		12/14/2005	0.75	**21**	5/1/1992
NH-C03-580	3/15/2006	2.9	**6.9**	-1	12/21/2005	1	**49**	10/6/1998
NH-C03-680	3/15/2006	1.6	0.88		12/14/2005	0.36 J	**7**	12/12/2001
NH-C03-800	NS	NS	ND (0.5)		12/13/2005	0.2 J	2	1/11/2000

TABLE 3-1
Maximum and Minimum Detected TCE Values - First Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Current Date	Current Value (µg/L)	Previous Value (µg/L)	Change	Previous Date	Minimum Detected Value (µg/L)	Maximum Value (µg/L)	Date of Maximum Value
NH-C04-240	NS	NS	0.37 J		12/15/2005	0.26 J	**9**	9/14/2000
NH-C04-375	NS	NS	ND (0.5)		12/15/2005	ND (0.5)	ND (0.5)	12/15/2005
NH-C04-560	NS	NS	ND (0.5)		12/15/2005	ND (0.5)	ND (0.5)	12/15/2005
NH-C05-320	NS	NS	ND (0.5)		12/4/2000	1	1	6/22/1998
NH-C05-460	3/23/2006	**110**	**100**	+1	12/21/2005	**10**	**110**	6/13/2005
NH-C06-160	3/15/2006	0.4 J	0.56		12/15/2005	0.43 J	**240**	1/25/1995
NH-C06-285	3/15/2006	**60**	**58**		12/21/2005	2	**75**	8/31/2004
NH-C06-425	NS	NS	ND (0.5)		12/15/2005	4	4	12/12/2002
NH-VPB-01	3/16/2006	**30**	**32**		12/27/2005	**22**	**510**	11/9/1993
NH-VPB-02	3/16/2006	1	2.6		9/10/2003	0.2 J	3 J	12/10/2002
NH-VPB-03	NS	NS	ND (0.5)		6/3/2003	ND (0.5)	ND (0.5)	6/3/2003
NH-VPB-04	NS	NS	ND (0.5)		12/13/2001	ND (0.5)	ND (0.5)	12/13/2001
NH-VPB-05	3/14/2006	**16**	**7.9**		12/14/2005	0.2 J	**58**	5/13/1994
NH-VPB-06	3/23/2006	3	4		6/15/1998	1	**66**	12/18/1996
NH-VPB-07	3/16/2006	0.31 J	ND (1) J	+1	12/1/1999	0.7 J	**34**	11/11/1992
NH-VPB-08	NS	NS	**9.1**		12/14/2005	3	**19**	3/10/2000
NH-VPB-09	NS	NS	0.9		3/6/2001	0.3 J	1	12/7/2000
NH-VPB-10	NS	NS	1.3		12/22/2005	0.9 J	1.3	12/22/2005
NH-VPB-11	NS	NS	ND (1)		6/22/1998	ND (1)	ND (1)	6/22/1998
NH-VPB-12	NS	NS	ND (0.5)		12/13/2001	0.3 J	0.3 J	12/18/2000
NH-VPB-13	NS	NS	0.3 J		12/4/1995	0.3 J	3	11/11/1992
NH-VPB-14	NS	NS	**99**		3/15/2000	**99**	**1,400**	8/18/1993
PO-C01-195	3/21/2006	**16**	**15**		1/3/2006	0.9 J	**15**	1/3/2006
PO-C01-354	NS	NS	ND (0.5)		12/20/2005	0.06 J	0.06 J	1/7/2003
PO-C02-053	3/21/2006	1.5	1.5		12/19/2005	0.42 J	**33**	11/11/1993
PO-C02-205	NS	NS	0.25 J		12/19/2005	0.2 J	**32**	4/1/1991
PO-C03-182	3/21/2006	2.6	2.7		12/19/2005	2.2	**40**	10/28/1994
PO-C03-235	NS	NS	2.4		12/19/2005	1.9	**12**	12/15/1997
PO-VPB-01	3/20/2006	1.6	1.8		12/19/2005	0.8	**27**	11/9/1989
PO-VPB-02	3/28/2006	**230**	**120**		1/3/2006	**97**	**900**	11/11/1993
PO-VPB-03	NS	NS	**8**		3/24/2005	**8**	**77**	11/14/1989
PO-VPB-04	NS	NS	ND		9/20/1990	ND	ND	9/20/1990
PO-VPB-05	NS	NS	0.28 J		12/20/2005	0.1 J	**10**	11/11/1993
PO-VPB-06	NS	NS	0.14 J		12/19/2005	0.14 J	3	11/4/1993
PO-VPB-07	3/24/2006	**22**	**21**		1/3/2006	**11**	**370**	9/18/2001
PO-VPB-08	NS	NS	**6.7**		1/3/2006	2.9	**18**	12/15/1997
PO-VPB-09	NS	NS	ND (1) J		8/19/1993	ND (1) J	ND (1) J	8/19/1993
PO-VPB-10	3/21/2006	ND (0.5)	ND (0.5) J		9/20/2001	ND (0.5) J	ND (0.5) J	9/20/2001
PO-VPB-11	NS	NS	ND (1)		9/20/1990	ND (1)	ND (1)	9/20/1990
VD-VPB-01	3/21/2006	ND (0.5)	0.14 J	-1	12/2/2005	0.1 J	0.18 J	9/14/2005
VD-VPB-02	3/22/2006	ND (0.5)	0.077 J	-1	12/20/2005	0.077 J	0.077 J	12/20/2005

TABLE 3-1
Maximum and Minimum Detected TCE Values - First Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Current Date	Current Value (µg/L)	Previous Value (µg/L)	Change	Previous Date	Minimum Detected Value (µg/L)	Maximum Value (µg/L)	Date of Maximum Value
VD-VPB-03	3/22/2006	ND (0.5)	ND (0.5)		12/20/2005	ND (0.5)	ND (0.5)	12/20/2005
VD-VPB-04	NS	NS	ND (0.5)		9/11/2003	0.6	1.2	2/27/1991
VD-VPB-05	3/22/2006	0.19 J	0.1 J		9/9/2002	0.1 J	3	11/5/1993
VD-VPB-06	3/22/2006	ND (0.5)	ND (0.5)		12/20/2005	0.05 J	0.4 J	12/8/2000
VD-VPB-07	3/22/2006	ND (0.5)	ND (0.5)		12/20/2005	2 J	2 J	8/3/1995

Notes:

Results greater than the MCL 5 µg/L are bolded.
NS = Not sampled
ND (250) = Not detected (reporting limit)
µg/L = Micrograms per liter
J = Approximate concentration
+1 = Value moved 1 concentration zone up from previous sample date.
-1 = Value moved 1 concentration zone down from previous sample date.

TABLE 3-2
Maximum and Minimum Detected TCE Values - Second Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Current Date	Current Value (µg/L)	Previous Value (µg/L)	Change	Previous Date	Minimum Detected Value (µg/L)	Maximum Value (µg/L)	Date of Maximum Value
CS-C01-105	7/10/2006	**7.7**	**5.8**		3/15/2006	**5.8**	**400 J**	10/26/1994
CS-C01-285	7/10/2006	**180**	**210**		3/27/2006	**26**	**530**	12/21/2001
CS-C01-558	NS	NS	ND (0.5)		12/15/2005	0.08 J	0.5 J	12/14/1995
CS-C02-062	7/11/2006	**19**	**21**		3/24/2006	**21**	**200**	11/8/1993
CS-C02-180	7/11/2006	**11**	**13**		3/24/2006	**11**	**280**	11/8/1993
CS-C02-250	7/11/2006	**130**	**130**		3/24/2006	**100**	**320**	11/8/1993
CS-C02-335	7/11/2006	**260**	**290**		3/24/2006	**51**	**420**	3/15/2004
CS-C03-100	7/10/2006	**1,300**	**140**	+2	3/27/2006	**30**	**5,400**	5/9/1995
CS-C03-325	NS	NS	ND (0.5)		12/16/2005	1	4.3	5/18/1990
CS-C03-465	6/27/2006	**11**	**10**		3/17/2006	0.27 J	**11**	1/3/2006
CS-C03-550	NS	NS	1.5		12/16/2005	0.1 J	1.5	12/16/2005
CS-C04-290	7/6/2006	**16**	**17**		3/17/2006	3.8	**50**	3/26/1991
CS-C04-382	7/6/2006	**20**	**26**		3/17/2006	**7**	**32**	11/10/1993
CS-C04-520	NS	NS	ND (0.5)		12/16/2005	ND (0.5)	ND (0.5)	12/16/2005
CS-C05-160	7/5/2006	**250**	**290**		3/17/2006	**12**	**290**	3/17/2006
CS-C05-290	7/5/2006	**14**	**16**		3/17/2006	4	**66**	11/10/1993
CS-C06-185	7/6/2006	**6.7**	**8**		3/20/2006	3.5	**130**	9/12/1997
CS-C06-278	NS	NS	ND (0.5)		12/16/2005	0.3 J	**10**	12/12/2000
CS-VPB-01	7/11/2006	**78**	**78**		3/24/2006	**78**	**220**	6/5/2003
CS-VPB-02	NS	NS	4.2		12/16/2005	0.6 J	**110**	2/11/1993
CS-VPB-03	6/27/2006	**6.2**	**7.4**		3/17/2006	0.5 J	**19**	6/14/2005
CS-VPB-04	7/19/2006	**3,300 J**	**1,700**		12/29/2005	**180**	**6,300**	9/24/2004
CS-VPB-05	7/10/2006	**2,100**	**1,900**		3/27/2006	**7**	**2,100**	6/16/2005
CS-VPB-06	7/11/2006	**260**	**350**		3/27/2006	**20**	**540**	9/19/2001
CS-VPB-07	7/11/2006	**4,000**	**5,000**		3/28/2006	**850**	**12,000**	11/10/1993
CS-VPB-08	7/10/2006	**100**	**80**		12/29/2005	**8**	**180**	2/12/1993
CS-VPB-09	6/27/2006	ND (0.5)	0.15 J	-1	3/20/2006	0.1 J	0.5 J	9/23/2004
CS-VPB-10	7/5/2006	**12**	**13**		3/20/2006	0.4 J	**13**	3/20/2006
CS-VPB-11	7/6/2006	0.27 J	0.9		1/6/2003	0.6	**7.9**	9/15/1989
NH-C01-325	7/7/2006	1.6	1.1		3/15/2005	0.2 J	**11**	6/5/1997
NH-C01-450	NS	NS	1		12/10/2001	0.4 J	1	12/10/2001
NH-C01-660	NS	NS	ND (0.5)		12/13/2005	ND (0.5)	ND (0.5)	12/13/2005
NH-C01-780	NS	NS	ND (0.5)		12/13/2005	ND (0.5)	ND (0.5)	12/13/2005
NH-C02-220	NS	NS	**11**		3/23/2006	1 J	**30**	11/15/1993
NH-C02-325	7/7/2006	**14**	**15**		3/14/2006	**6**	**39**	3/16/2004
NH-C02-520	7/7/2006	**16**	**26**		3/23/2006	1.5	**260**	9/20/2001
NH-C02-681	NS	NS	ND (0.5)		12/14/2005	ND (0.5)	ND (0.5)	12/14/2005
NH-C03-380	6/21/2006	0.55	0.85		3/15/2006	0.55	**21**	5/1/1992
NH-C03-580	6/21/2006	0.97	2.9		3/15/2006	0.97	**49**	10/6/1998
NH-C03-680	NS	NS	1.6		3/15/2006	0.36 J	**7**	12/12/2001
NH-C03-800	NS	NS	ND (0.5)		12/13/2005	0.2 J	2	1/11/2000

TABLE 3-2
Maximum and Minimum Detected TCE Values - Second Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Current Date	Current Value (µg/L)	Previous Value (µg/L)	Change	Previous Date	Minimum Detected Value (µg/L)	Maximum Value (µg/L)	Date of Maximum Value
NH-C04-240	NS	NS	0.37 J		12/15/2005	0.26 J	**9**	9/14/2000
NH-C04-375	NS	NS	ND (0.5)		12/15/2005	ND (0.5)	ND (0.5)	12/15/2005
NH-C04-560	NS	NS	ND (0.5)		12/15/2005	ND (0.5)	ND (0.5)	12/15/2005
NH-C05-320	NS	NS	ND (0.5)		12/4/2000	1	1	6/22/1998
NH-C05-460	7/7/2006	**98**	**110**	-1	3/23/2006	**10**	**110**	3/23/2006
NH-C06-160	NS	NS	0.4 J		3/15/2006	0.4 J	**240**	1/25/1995
NH-C06-285	6/23/2006	**53**	**60**		3/15/2006	2	**75**	8/31/2004
NH-C06-425	NS	NS	ND (0.5)		12/15/2005	4	4	12/12/2002
NH-VPB-01	6/22/2006	**27**	**30**		3/16/2006	**22**	**510**	11/9/1993
NH-VPB-02	NS	NS	1		3/16/2006	0.2 J	3 J	12/10/2002
NH-VPB-03	NS	NS	ND (0.5)		6/3/2003	ND (0.5)	ND (0.5)	6/3/2003
NH-VPB-04	6/23/2006	ND (0.5)	ND (0.5)		12/13/2001	ND (0.5)	ND (0.5)	12/13/2001
NH-VPB-05	6/21/2006	**18**	**16**		3/14/2006	0.2 J	**58**	5/13/1994
NH-VPB-06	6/21/2006	3.4	3		3/23/2006	1	**66**	12/18/1996
NH-VPB-07	6/23/2006	ND (0.5)	0.31 J	-1	3/16/2006	0.31 J	**34**	11/11/1992
NH-VPB-08	6/23/2006	**10**	**9.1**		12/14/2005	3	**19**	3/10/2000
NH-VPB-09	NS	NS	0.9		3/6/2001	0.3 J	1	12/7/2000
NH-VPB-10	NS	NS	1.3		12/22/2005	0.9 J	1.3	12/22/2005
NH-VPB-11	NS	NS	ND (1)		6/22/1998	ND (1)	ND (1)	6/22/1998
NH-VPB-12	NS	NS	ND (0.5)		12/13/2001	0.3 J	0.3 J	12/18/2000
NH-VPB-13	NS	NS	0.3 J		12/4/1995	0.3 J	3	11/11/1992
NH-VPB-14	NS	NS	**99**		3/15/2000	**99**	**1,400**	8/18/1993
PO-C01-195	7/6/2006	**13**	**16**		3/21/2006	0.9 J	**16**	3/21/2006
PO-C01-354	NS	NS	ND (0.5)		12/20/2005	0.06 J	0.06 J	1/7/2003
PO-C02-053	NS	NS	1.5		3/21/2006	0.42 J	**33**	11/11/1993
PO-C02-205	NS	NS	0.25 J		12/19/2005	0.2 J	**32**	4/1/1991
PO-C03-182	NS	NS	2.6		3/21/2006	2.2	**40**	10/28/1994
PO-C03-235	NS	NS	2.4		12/19/2005	1.9	**12**	12/15/1997
PO-VPB-01	NS	NS	1.6		3/20/2006	0.8	**27**	11/9/1989
PO-VPB-02	7/11/2006	**180**	**230**		3/28/2006	**97**	**900**	11/11/1993
PO-VPB-03	6/27/2006	**10**	**8**		3/24/2005	**8**	**77**	11/14/1989
PO-VPB-04	NS	NS	ND		9/20/1990	ND	ND	9/20/1990
PO-VPB-05	NS	NS	0.28 J		12/20/2005	0.1 J	**10**	11/11/1993
PO-VPB-06	NS	NS	0.14 J		12/19/2005	0.14 J	3	11/4/1993
PO-VPB-07	7/11/2006	**65**	**22**	+1	3/24/2006	**11**	**370**	9/18/2001
PO-VPB-08	7/11/2006	**6.4**	**6.7**		1/3/2006	2.9	**18**	12/15/1997
PO-VPB-09	NS	NS	ND (1) J		8/19/1993	ND (1) J	ND (1) J	8/19/1993
PO-VPB-10	7/6/2006	ND (0.5)	ND (0.5)		3/21/2006	ND (0.5)	ND (0.5)	3/21/2006
PO-VPB-11	NS	NS	ND (1)		9/20/1990	ND (1)	ND (1)	9/20/1990
VD-VPB-01	7/5/2006	ND (0.5)	ND (0.5)		3/21/2006	0.1 J	0.18 J	9/14/2005
VD-VPB-02	7/6/2006	ND (0.5)	ND (0.5)		3/22/2006	0.077 J	0.077 J	12/20/2005

TABLE 3-2
Maximum and Minimum Detected TCE Values - Second Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Current Date	Current Value (µg/L)	Previous Value (µg/L)	Change	Previous Date	Minimum Detected Value (µg/L)	Maximum Value (µg/L)	Date of Maximum Value
VD-VPB-03	7/5/2006	ND (0.5)	ND (0.5)		3/22/2006	ND (0.5)	ND (0.5)	3/22/2006
VD-VPB-04	NS	NS	ND (0.5)		9/11/2003	0.6	1.2	2/27/1991
VD-VPB-05	7/5/2006	0.11 J	0.19 J		3/22/2006	0.1 J	3	11/5/1993
VD-VPB-06	7/5/2006	ND (0.5)	ND (0.5)		3/22/2006	0.05 J	0.4 J	12/8/2000
VD-VPB-07	NS	NS	ND (0.5)		3/22/2006	2 J	2 J	8/3/1995

Notes:

Results greater than the MCL 5 µg/L are bolded.
NS = Not sampled
ND (250) = Not detected (reporting limit)
µg/L = Micrograms per liter
J = Approximate concentration
+1 = Value moved 1 concentration zone up from previous sample date.
-1 = Value moved 1 concentration zone down from previous sample date.

TABLE 3-3
Maximum and Minimum Detected TCE Values - Third Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Current Date	Current Value (µg/L)	Previous Value (µg/L)	Change	Previous Date	Minimum Detected Value (µg/L)	Maximum Value (µg/L)	Date of Maximum Value
CS-C01-105	10/13/2006	**15**	**7.7**		7/10/2006	**5.8**	**400 J**	10/26/1994
CS-C01-285	10/13/2006	**210**	**180**		7/10/2006	**26**	**530**	12/21/2001
CS-C01-558	NS	NS	ND (0.5)		12/15/2005	0.08 J	0.5 J	12/14/1995
CS-C02-062	10/16/2006	**24**	**19**		7/11/2006	**19**	**200**	11/8/1993
CS-C02-180	10/16/2006	**12**	**11**		7/11/2006	**11**	**280**	11/8/1993
CS-C02-250	10/16/2006	**150**	**130**		7/11/2006	**100**	**320**	11/8/1993
CS-C02-335	10/16/2006	**340**	**260**		7/11/2006	**51**	**420**	3/15/2004
CS-C03-100	10/11/2006	**1,400**	**1,300**		7/10/2006	**30**	**5,400**	5/9/1995
CS-C03-325	NS	NS	ND (0.5)		12/16/2005	1	4.3	5/18/1990
CS-C03-465	10/11/2006	**13**	**11**		6/27/2006	0.27 J	**11**	6/27/2006
CS-C03-550	NS	NS	1.5		12/16/2005	0.1 J	1.5	12/16/2005
CS-C04-290	10/11/2006	**16**	**16**		7/6/2006	3.8	**50**	3/26/1991
CS-C04-382	10/11/2006	**23**	**20**		7/6/2006	**7**	**32**	11/10/1993
CS-C04-520	NS	NS	ND (0.5)		12/16/2005	ND (0.5)	ND (0.5)	12/16/2005
CS-C05-160	10/13/2006	**210**	**250**		7/5/2006	**12**	**290**	3/17/2006
CS-C05-290	10/13/2006	**18**	**14**		7/5/2006	4	**66**	11/10/1993
CS-C06-185	10/12/2006	**9**	**6.7**		7/6/2006	3.5	**130**	9/12/1997
CS-C06-278	NS	NS	ND (0.5)		12/16/2005	0.3 J	**10**	12/12/2000
CS-VPB-01	10/9/2006	**88**	**78**		7/11/2006	**78**	**220**	6/5/2003
CS-VPB-02	10/10/2006	0.57	4.2		12/16/2005	0.6 J	**110**	2/11/1993
CS-VPB-03	10/17/2006	**6.9**	**6.2**		6/27/2006	0.5 J	**19**	6/14/2005
CS-VPB-04	10/11/2006	**4,200**	**3,300 J**		7/19/2006	**180**	**6,300**	9/24/2004
CS-VPB-05	10/13/2006	**1,100**	**2,100**		7/10/2006	**7**	**2,100**	7/10/2006
CS-VPB-06	10/12/2006	**310**	**260**		7/11/2006	**20**	**540**	9/19/2001
CS-VPB-07	10/11/2006	**790**	**4,000**	-1	7/11/2006	**850**	**12,000**	11/10/1993
CS-VPB-08	10/12/2006	**110**	**100**	+1	7/10/2006	**8**	**180**	2/12/1993
CS-VPB-09	10/16/2006	ND (0.5)	ND (0.5)		6/27/2006	0.1 J	0.5 J	9/23/2004
CS-VPB-10	10/12/2006	**14**	**12**		7/5/2006	0.4 J	**13**	3/20/2006
CS-VPB-11	10/17/2006	0.36 J	0.27 J		7/6/2006	0.27 J	**7.9**	9/15/1989
NH-C01-325	10/3/2006	2.2	1.6		7/7/2006	0.2 J	**11**	6/5/1997
NH-C01-450	NS	NS	1		12/10/2001	0.4 J	1	12/10/2001
NH-C01-660	NS	NS	ND (0.5)		12/13/2005	ND (0.5)	ND (0.5)	12/13/2005
NH-C01-780	NS	NS	ND (0.5)		12/13/2005	ND (0.5)	ND (0.5)	12/13/2005
NH-C02-220	10/6/2006	**8**	**11**		3/23/2006	1 J	**30**	11/15/1993
NH-C02-325	10/9/2006	**15**	**14**		7/7/2006	**6**	**39**	3/16/2004
NH-C02-520	10/9/2006	**14**	**16**		7/7/2006	1.5	**260**	9/20/2001
NH-C02-681	NS	NS	ND (0.5)		12/14/2005	ND (0.5)	ND (0.5)	12/14/2005
NH-C03-380	10/5/2006	0.46 J	0.55		6/21/2006	0.55	**21**	5/1/1992
NH-C03-580	NS	NS	0.97		6/21/2006	0.97	**49**	10/6/1998
NH-C03-680	NS	NS	1.6		3/15/2006	0.36 J	**7**	12/12/2001
NH-C03-800	NS	NS	ND (0.5)		12/13/2005	0.2 J	2	1/11/2000

TABLE 3-3
Maximum and Minimum Detected TCE Values - Third Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Current Date	Current Value (µg/L)	Previous Value (µg/L)	Change	Previous Date	Minimum Detected Value (µg/L)	Maximum Value (µg/L)	Date of Maximum Value
NH-C04-240	NS	NS	0.37 J		12/15/2005	0.26 J	**9**	9/14/2000
NH-C04-375	NS	NS	ND (0.5)		12/15/2005	ND (0.5)	ND (0.5)	12/15/2005
NH-C04-560	NS	NS	ND (0.5)		12/15/2005	ND (0.5)	ND (0.5)	12/15/2005
NH-C05-320	NS	NS	ND (0.5)		12/4/2000	1	1	6/22/1998
NH-C05-460	10/9/2006	**84**	**98**		7/7/2006	**10**	**110**	3/23/2006
NH-C06-160	10/6/2006	0.36 J	0.4 J		3/15/2006	0.4 J	**240**	1/25/1995
NH-C06-285	10/10/2006	**47**	**53**	-1	6/23/2006	2	**75**	8/31/2004
NH-C06-425	NS	NS	ND (0.5)		12/15/2005	4	4	12/12/2002
NH-VPB-01	10/10/2006	**23**	**27**		6/22/2006	**22**	**510**	11/9/1993
NH-VPB-02	10/3/2006	2.3	1		3/16/2006	0.2 J	3 J	12/10/2002
NH-VPB-03	NS	NS	ND (0.5)		6/3/2003	ND (0.5)	ND (0.5)	6/3/2003
NH-VPB-04	10/6/2006	ND (0.5)	ND (0.5)		6/23/2006	ND (0.5)	ND (0.5)	6/23/2006
NH-VPB-05	10/9/2006	**21**	**18**		6/21/2006	0.2 J	**58**	5/13/1994
NH-VPB-06	10/3/2006	4.9	3.4		6/21/2006	1	**66**	12/18/1996
NH-VPB-07	10/5/2006	0.21 J	ND (0.5)	+1	6/23/2006	0.31 J	**34**	11/11/1992
NH-VPB-08	10/9/2006	4.6	**10**	-1	6/23/2006	3	**19**	3/10/2000
NH-VPB-09	NS	NS	0.9		3/6/2001	0.3 J	1	12/7/2000
NH-VPB-10	NS	NS	1.3		12/22/2005	0.9 J	1.3	12/22/2005
NH-VPB-11	NS	NS	ND (1)		6/22/1998	ND (1)	ND (1)	6/22/1998
NH-VPB-12	NS	NS	ND (0.5)		12/13/2001	0.3 J	0.3 J	12/18/2000
NH-VPB-13	NS	NS	0.3 J		12/4/1995	0.3 J	3	11/11/1992
NH-VPB-14	NS	NS	**99**		3/15/2000	**99**	**1,400**	8/18/1993
PO-C01-195	10/13/2006	**16**	**13**		7/6/2006	0.9 J	**16**	3/21/2006
PO-C01-354	NS	NS	ND (0.5)		12/20/2005	0.06 J	0.06 J	1/7/2003
PO-C02-053	NS	NS	1.5		3/21/2006	0.42 J	**33**	11/11/1993
PO-C02-205	NS	NS	0.25 J		12/19/2005	0.2 J	**32**	4/1/1991
PO-C03-182	NS	NS	2.6		3/21/2006	2.2	**40**	10/28/1994
PO-C03-235	NS	NS	2.4		12/19/2005	1.9	**12**	12/15/1997
PO-VPB-01	NS	NS	1.6		3/20/2006	0.8	**27**	11/9/1989
PO-VPB-02	10/13/2006	**260**	**180**		7/11/2006	**97**	**900**	11/11/1993
PO-VPB-03	10/16/2006	**11**	**10**		6/27/2006	**8**	**77**	11/14/1989
PO-VPB-04	NS	NS	ND		9/20/1990	ND	ND	9/20/1990
PO-VPB-05	NS	NS	0.28 J		12/20/2005	0.1 J	**10**	11/11/1993
PO-VPB-06	NS	NS	0.14 J		12/19/2005	0.14 J	3	11/4/1993
PO-VPB-07	10/17/2006	**89**	**65**		7/11/2006	**11**	**370**	9/18/2001
PO-VPB-08	10/5/2006	**8.7**	**6.4**		7/11/2006	2.9	**18**	12/15/1997
PO-VPB-09	NS	NS	ND (1) J		8/19/1993	ND (1) J	ND (1) J	8/19/1993
PO-VPB-10	NS	NS	ND (0.5)		7/6/2006	ND (0.5)	ND (0.5)	7/6/2006
PO-VPB-11	NS	NS	ND (1)		9/20/1990	ND (1)	ND (1)	9/20/1990
VD-VPB-01	10/4/2006	ND (0.5)	ND (0.5)		7/5/2006	0.1 J	0.18 J	9/14/2005
VD-VPB-02	10/4/2006	ND (0.5)	ND (0.5)		7/6/2006	0.077 J	0.077 J	12/20/2005

TABLE 3-3
Maximum and Minimum Detected TCE Values - Third Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Current Date	Current Value (µg/L)	Previous Value (µg/L)	Change	Previous Date	Minimum Detected Value (µg/L)	Maximum Value (µg/L)	Date of Maximum Value
VD-VPB-03	10/4/2006	ND (0.5)	ND (0.5)		7/5/2006	ND (0.5)	ND (0.5)	7/5/2006
VD-VPB-04	NS	NS	ND (0.5)		9/11/2003	0.6	1.2	2/27/1991
VD-VPB-05	10/4/2006	ND (0.5)	0.11 J	-1	7/5/2006	0.1 J	3	11/5/1993
VD-VPB-06	10/4/2006	ND (0.5)	ND (0.5)		7/5/2006	0.05 J	0.4 J	12/8/2000
VD-VPB-07	NS	NS	ND (0.5)		3/22/2006	2 J	2 J	8/3/1995

Notes:

Results greater than the MCL 5 µg/L are bolded.
NS = Not sampled
ND (250) = Not detected (reporting limit)
µg/L = Micrograms per liter
J = Approximate concentration
+1 = Value moved 1 concentration zone up from previous sample date.
-1 = Value moved 1 concentration zone down from previous sample date.

TABLE 3-4
Maximum and Minimum Detected TCE Values - Fourth Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Current Date	Current Value (µg/L)	Previous Value (µg/L)	Change	Previous Date	Minimum Detected Value (µg/L)	Maximum Value (µg/L)	Date of Maximum Value
CS-C01-105	12/28/2006	**18**	**15**		10/13/2006	**5.8**	**400 J**	10/26/1994
CS-C01-285	12/28/2006	**150**	**210**		10/13/2006	**26**	**530**	12/21/2001
CS-C01-558	12/13/2006	ND (0.5)	ND (0.5)		12/15/2005	0.08 J	0.5 J	12/14/1995
CS-C02-062	1/4/2007	**21**	**24**		10/16/2006	**19**	**200**	11/8/1993
CS-C02-180	1/4/2007	**10**	**12**		10/16/2006	**11**	**280**	11/8/1993
CS-C02-250	1/4/2007	**130**	**150**		10/16/2006	**100**	**320**	11/8/1993
CS-C02-335	1/4/2007	**280**	**340**		10/16/2006	**51**	**420**	3/15/2004
CS-C03-100	12/28/2006	**1,200**	**1,400**		10/11/2006	**30**	**5,400**	5/9/1995
CS-C03-325	12/12/2006	ND (0.5)	ND (0.5)		12/16/2005	1	4.3	5/18/1990
CS-C03-465	12/28/2006	**12**	**13**		10/11/2006	0.27 J	**13**	10/11/2006
CS-C03-550	12/12/2006	1.1	1.5		12/16/2005	0.1 J	1.5	12/16/2005
CS-C04-290	1/3/2007	**18**	**16**		10/11/2006	3.8	**50**	3/26/1991
CS-C04-382	1/3/2007	**25**	**23**		10/11/2006	**7**	**32**	11/10/1993
CS-C04-520	12/13/2006	ND (0.5)	ND (0.5)		12/16/2005	ND (0.5)	ND (0.5)	12/16/2005
CS-C05-160	1/2/2007	**130**	**210**		10/13/2006	**12**	**290**	3/17/2006
CS-C05-290	1/2/2007	**16**	**18**		10/13/2006	4	**66**	11/10/1993
CS-C06-185	1/4/2007	**7.2**	**9**		10/12/2006	3.5	**130**	9/12/1997
CS-C06-278	12/14/2006	ND (0.5)	ND (0.5)		12/16/2005	0.3 J	**10**	12/12/2000
CS-VPB-01	12/28/2006	**78**	**88**		10/9/2006	**78**	**220**	6/5/2003
CS-VPB-02	11/29/2006	0.42 J	0.57		10/10/2006	0.42 J	**110**	2/11/1993
CS-VPB-03	1/2/2007	**6.6**	**6.9**		10/17/2006	0.5 J	**19**	6/14/2005
CS-VPB-04	1/3/2007	**3,000**	**4,200**		10/11/2006	**180**	**6,300**	9/24/2004
CS-VPB-05	1/2/2007	**400**	**1,100**	-2	10/13/2006	**7**	**2,100**	7/10/2006
CS-VPB-06	1/4/2007	**220**	**310**		10/12/2006	**20**	**540**	9/19/2001
CS-VPB-07	1/3/2007	**390**	**790**	-1	10/11/2006	**790**	**12,000**	11/10/1993
CS-VPB-08	12/27/2006	**100**	**110**	-1	10/12/2006	**8**	**180**	2/12/1993
CS-VPB-09	12/11/2006	ND (0.5)	ND (0.5)		10/16/2006	0.1 J	0.5 J	9/23/2004
CS-VPB-10	1/5/2007	**12**	**14**		10/12/2006	0.4 J	**14**	10/12/2006
CS-VPB-11	1/3/2007	0.44 J	0.36 J		10/17/2006	0.27 J	**7.9**	9/15/1989
NH-C01-325	12/20/2006	3.3	2.2		10/3/2006	0.2 J	**11**	6/5/1997
NH-C01-450	NS	NS	1		12/10/2001	0.4 J	1	12/10/2001
NH-C01-660	12/1/2006	ND (0.5)	ND (0.5)		12/13/2005	ND (0.5)	ND (0.5)	12/13/2005
NH-C01-780	12/1/2006	ND (0.5)	ND (0.5)		12/13/2005	ND (0.5)	ND (0.5)	12/13/2005
NH-C02-220	12/21/2006	**8.6**	**8**		10/6/2006	1 J	**30**	11/15/1993
NH-C02-325	12/21/2006	**11**	**15**		10/9/2006	**6**	**39**	3/16/2004
NH-C02-520	12/21/2006	**9.7**	**14**		10/9/2006	1.5	**260**	9/20/2001
NH-C02-681	11/30/2006	ND (0.5)	ND (0.5)		12/14/2005	ND (0.5)	ND (0.5)	12/14/2005
NH-C03-380	12/5/2006	0.41 J	0.46 J		10/5/2006	0.46 J	**21**	5/1/1992
NH-C03-580	12/5/2006	0.46 J	0.97		6/21/2006	0.97	**49**	10/6/1998
NH-C03-680	12/5/2006	0.79	1.6		3/15/2006	0.36 J	**7**	12/12/2001
NH-C03-800	12/5/2006	ND (0.5)	ND (0.5)		12/13/2005	0.2 J	2	1/11/2000

TABLE 3-4
Maximum and Minimum Detected TCE Values - Fourth Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Current Date	Current Value (µg/L)	Previous Value (µg/L)	Change	Previous Date	Minimum Detected Value (µg/L)	Maximum Value (µg/L)	Date of Maximum Value
NH-C04-240	12/6/2006	0.22 J	0.37 J		12/15/2005	0.26 J	**9**	9/14/2000
NH-C04-375	12/6/2006	ND (0.5)	ND (0.5)		12/15/2005	ND (0.5)	ND (0.5)	12/15/2005
NH-C04-560	12/6/2006	ND (0.5)	ND (0.5)		12/15/2005	ND (0.5)	ND (0.5)	12/15/2005
NH-C05-320	NS	NS	ND (0.5)		12/4/2000	1	1	6/22/1998
NH-C05-460	12/20/2006	**69**	**84**		10/9/2006	**10**	**110**	3/23/2006
NH-C06-160	12/11/2006	0.3 J	0.36 J		10/6/2006	0.36 J	**240**	1/25/1995
NH-C06-285	12/26/2006	**41**	**47**		10/10/2006	2	**75**	8/31/2004
NH-C06-425	12/11/2006	ND (0.5)	ND (0.5)		12/15/2005	4	4	12/12/2002
NH-VPB-01	12/27/2006	**21**	**23**		10/10/2006	**22**	**510**	11/9/1993
NH-VPB-02	12/26/2006	3.8	2.3		10/3/2006	0.2 J	3 J	12/10/2002
NH-VPB-03	NS	NS	ND (0.5)		6/3/2003	ND (0.5)	ND (0.5)	6/3/2003
NH-VPB-04	11/30/2006	ND (0.5)	ND (0.5)		10/6/2006	ND (0.5)	ND (0.5)	10/6/2006
NH-VPB-05	12/27/2006	**23**	**21**		10/9/2006	0.2 J	**58**	5/13/1994
NH-VPB-06	12/11/2006	4.4	4.9		10/3/2006	1	**66**	12/18/1996
NH-VPB-07	12/11/2006	0.24 J	0.21 J		10/5/2006	0.21 J	**34**	11/11/1992
NH-VPB-08	12/27/2006	5	4.6		10/9/2006	3	**19**	3/10/2000
NH-VPB-09	NS	NS	0.9		3/6/2001	0.3 J	1	12/7/2000
NH-VPB-10	NS	NS	1.3		12/22/2005	0.9 J	1.3	12/22/2005
NH-VPB-11	NS	NS	ND (1)		6/22/1998	ND (1)	ND (1)	6/22/1998
NH-VPB-12	NS	NS	ND (0.5)		12/13/2001	0.3 J	0.3 J	12/18/2000
NH-VPB-13	NS	NS	0.3 J		12/4/1995	0.3 J	3	11/11/1992
NH-VPB-14	NS	NS	**99**		3/15/2000	**99**	**1,400**	8/18/1993
PO-C01-195	1/5/2007	**13**	**16**		10/13/2006	0.9 J	**16**	10/13/2006
PO-C01-354	12/15/2006	ND (0.5)	ND (0.5)		12/20/2005	0.06 J	0.06 J	1/7/2003
PO-C02-053	12/18/2006	1.3	1.5		3/21/2006	0.42 J	**33**	11/11/1993
PO-C02-205	12/18/2006	0.14 J	0.25 J		12/19/2005	0.2 J	**32**	4/1/1991
PO-C03-182	12/15/2006	2.9	2.6		3/21/2006	2.2	**40**	10/28/1994
PO-C03-235	12/15/2006	1.7	2.4		12/19/2005	1.9	**12**	12/15/1997
PO-VPB-01	12/18/2006	0.83	1.6		3/20/2006	0.8	**27**	11/9/1989
PO-VPB-02	1/5/2007	**170**	**260**		10/13/2006	**97**	**900**	11/11/1993
PO-VPB-03	12/15/2006	**12**	**11**		10/16/2006	**8**	**77**	11/14/1989
PO-VPB-04	NS	NS	ND		9/20/1990	ND	ND	9/20/1990
PO-VPB-05	12/18/2006	ND (0.5)	0.28 J	-1	12/20/2005	0.1 J	**10**	11/11/1993
PO-VPB-06	12/18/2006	0.29 J	0.14 J		12/19/2005	0.14 J	3	11/4/1993
PO-VPB-07	1/5/2007	**20**	**89**	-1	10/17/2006	**11**	**370**	9/18/2001
PO-VPB-08	12/18/2006	**7.5**	**8.7**		10/5/2006	2.9	**18**	12/15/1997
PO-VPB-09	NS	NS	ND (1) J		8/19/1993	ND (1) J	ND (1) J	8/19/1993
PO-VPB-10	12/14/2006	ND (0.5)	ND (0.5)		7/6/2006	ND (0.5)	ND (0.5)	7/6/2006
PO-VPB-11	NS	NS	ND (1)		9/20/1990	ND (1)	ND (1)	9/20/1990
VD-VPB-01	12/19/2006	ND (0.5)	ND (0.5)		10/4/2006	0.1 J	0.18 J	9/14/2005
VD-VPB-02	12/19/2006	ND (0.5)	ND (0.5)		10/4/2006	0.077 J	0.077 J	12/20/2005

TABLE 3-4
Maximum and Minimum Detected TCE Values - Fourth Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Current Date	Current Value (µg/L)	Previous Value (µg/L)	Change	Previous Date	Minimum Detected Value (µg/L)	Maximum Value (µg/L)	Date of Maximum Value
VD-VPB-03	12/19/2006	ND (0.5)	ND (0.5)		10/4/2006	ND (0.5)	ND (0.5)	10/4/2006
VD-VPB-04	NS	NS	ND (0.5)		9/11/2003	0.6	1.2	2/27/1991
VD-VPB-05	12/19/2006	ND (0.5)	ND (0.5)		10/4/2006	0.1 J	3	11/5/1993
VD-VPB-06	12/19/2006	ND (0.5)	ND (0.5)		10/4/2006	0.05 J	0.4 J	12/8/2000
VD-VPB-07	12/19/2006	ND (0.5)	ND (0.5)		3/22/2006	2 J	2 J	8/3/1995

Notes:

Results greater than the MCL 5 µg/L are bolded.
NS = Not sampled
ND (250) = Not detected (reporting limit)
µg/L = Micrograms per liter
J = Approximate concentration
+1 = Value moved 1 concentration zone up from previous sample date.
-1 = Value moved 1 concentration zone down from previous sample date.

TABLE 3-5
Summary of TCE Values - First, Second, Third, and Fourth Quarters 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	1st Qtr. Sample Date	1st Qtr. Value (µg/L)	2nd Qtr. Sample Date	2nd Qtr. Value (µg/L)	3rd Qtr. Sample Date	3rd Qtr. Value (µg/L)	4th Qtr. Sample Date	4th Qtr. Value (µg/L)
CS-C01-105	03/15/2006	**5.8**	07/10/2006	**7.7**	10/13/2006	**15**	12/28/2006	**18**
CS-C01-285	03/27/2006	**210**	07/10/2006	**180**	10/13/2006	**210**	12/28/2006	**150**
CS-C01-558	NS		NS		NS		12/13/2006	ND (0.5)
CS-C02-062	03/24/2006	**21**	07/11/2006	**19**	10/16/2006	**24**	01/04/2007	**21**
CS-C02-180	03/24/2006	**13**	07/11/2006	**11**	10/16/2006	**12**	01/04/2007	**10**
CS-C02-250	03/24/2006	**130**	07/11/2006	**130**	10/16/2006	**150**	01/04/2007	**130**
CS-C02-335	03/24/2006	**290**	07/11/2006	**260**	10/16/2006	**340**	01/04/2007	**280**
CS-C03-100	03/27/2006	**140**	07/10/2006	**1,300** +2	10/11/2006	**1,400**	12/28/2006	**1,200**
CS-C03-325	NS		NS		NS		12/12/2006	ND (0.5)
CS-C03-465	03/17/2006	**10**	06/27/2006	**11**	10/11/2006	**13**	12/28/2006	**12**
CS-C03-550	NS		NS		NS		12/12/2006	1.1
CS-C04-290	03/17/2006	**17**	07/06/2006	**16**	10/11/2006	**16**	01/03/2007	**18**
CS-C04-382	03/17/2006	**26**	07/06/2006	**20**	10/11/2006	**23**	01/03/2007	**25**
CS-C04-520	NS		NS		NS		12/13/2006	ND (0.5)
CS-C05-160	03/17/2006	**290**	07/05/2006	**250**	10/13/2006	**210**	01/02/2007	**130**
CS-C05-290	03/17/2006	**16**	07/05/2006	**14**	10/13/2006	**18**	01/02/2007	**16**
CS-C06-185	03/20/2006	**8**	07/06/2006	**6.7**	10/12/2006	**9**	01/04/2007	**7.2**
CS-C06-278	NS		NS		NS		12/14/2006	ND (0.5)
CS-VPB-01	03/24/2006	**78**	07/11/2006	**78**	10/09/2006	**88**	12/28/2006	**78**
CS-VPB-02	NS		NS		10/10/2006	0.6	11/29/2006	0.4 J
CS-VPB-03	03/17/2006	**7.4**	06/27/2006	**6.2**	10/17/2006	**6.9**	01/02/2007	**6.6**
CS-VPB-04	NS		07/19/2006	**3,300 J**	10/11/2006	**4,200**	01/03/2007	**3,000**
CS-VPB-05	03/27/2006	**1,900** +1	07/10/2006	**2,100**	10/13/2006	**1,100**	01/02/2007	**400** -2
CS-VPB-06	03/27/2006	**350**	07/11/2006	**260**	10/12/2006	**310**	01/04/2007	**220**
CS-VPB-07	03/28/2006	**5,000**	07/11/2006	**4,000**	10/11/2006	**790** -1	01/03/2007	**390** -1
CS-VPB-08	NS		07/10/2006	**100**	10/12/2006	**110** +1	12/27/2006	**100** -1
CS-VPB-09	03/20/2006	0.2 J +1	06/27/2006	ND (0.5) -1	10/16/2006	ND (0.5)	12/11/2006	ND (0.5)
CS-VPB-10	03/20/2006	**13**	07/05/2006	**12**	10/12/2006	**14**	01/05/2007	**12**
CS-VPB-11	NS		07/06/2006	0.3 J	10/17/2006	0.4 J	01/03/2007	0.4 J
NH-C01-325	NS		07/07/2006	1.6	10/03/2006	2.2	12/20/2006	3.3
NH-C01-450	NS		NS		NS		NS	
NH-C01-660	NS		NS		NS		12/01/2006	ND (0.5)
NH-C01-780	NS		NS		NS		12/01/2006	ND (0.5)
NH-C02-220	03/23/2006	**11**	NS		10/06/2006	**8**	12/21/2006	**8.6**
NH-C02-325	03/14/2006	**15**	07/07/2006	**14**	10/09/2006	**15**	12/21/2006	**11**
NH-C02-520	03/23/2006	**26**	07/07/2006	**16**	10/09/2006	**14**	12/21/2006	**9.7**
NH-C02-681	NS		NS		NS		11/30/2006	ND (0.5)
NH-C03-380	03/15/2006	0.9	06/21/2006	0.6	10/05/2006	0.5 J	12/05/2006	0.4 J
NH-C03-580	03/15/2006	2.9 -1	06/21/2006	1	NS		12/05/2006	0.5 J
NH-C03-680	03/15/2006	1.6	NS		NS		12/05/2006	0.8

TABLE 3-5
Summary of TCE Values - First, Second, Third, and Fourth Quarters 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	1st Qtr. Sample Date	1st Qtr. Value (µg/L)		2nd Qtr. Sample Date	2nd Qtr. Value (µg/L)		3rd Qtr. Sample Date	3rd Qtr. Value (µg/L)		4th Qtr. Sample Date	4th Qtr. Value (µg/L)	
NH-C03-800	NS			NS			NS			12/05/2006	ND (0.5)	
NH-C04-240	NS			NS			NS			12/06/2006	0.2 J	
NH-C04-375	NS			NS			NS			12/06/2006	ND (0.5)	
NH-C04-560	NS			NS			NS			12/06/2006	ND (0.5)	
NH-C05-320	NS			NS			NS			NS		
NH-C05-460	03/23/2006	**110**	+1	07/07/2006	**98**	-1	10/09/2006	**84**		12/20/2006	**69**	
NH-C06-160	03/15/2006	0.4 J		NS			10/06/2006	0.4 J		12/11/2006	0.3 J	
NH-C06-285	03/15/2006	**60**		06/23/2006	**53**		10/10/2006	**47**	-1	12/26/2006	**41**	
NH-C06-425	NS			NS			NS			12/11/2006	ND (0.5)	
NH-VPB-01	03/16/2006	**30**		06/22/2006	**27**		10/10/2006	**23**		12/27/2006	**21**	
NH-VPB-02	03/16/2006	1		NS			10/03/2006	2.3		12/26/2006	3.8	
NH-VPB-03	NS			NS			NS			NS		
NH-VPB-04	NS			06/23/2006	ND (0.5)		10/06/2006	ND (0.5)		11/30/2006	ND (0.5)	
NH-VPB-05	03/14/2006	**16**		06/21/2006	**18**		10/09/2006	**21**		12/27/2006	**23**	
NH-VPB-06	03/23/2006	3		06/21/2006	3.4		10/03/2006	4.9		12/11/2006	4.4	
NH-VPB-07	03/16/2006	0.3 J	+1	06/23/2006	ND (0.5)	-1	10/05/2006	0.2 J	+1	12/11/2006	0.2 J	
NH-VPB-08	NS			06/23/2006	**10**		10/09/2006	4.6	-1	12/27/2006	5	
NH-VPB-09	NS			NS			NS			NS		
NH-VPB-10	NS			NS			NS			NS		
NH-VPB-11	NS			NS			NS			NS		
NH-VPB-12	NS			NS			NS			NS		
NH-VPB-13	NS			NS			NS			NS		
NH-VPB-14	NS			NS			NS			NS		
PO-C01-195	03/21/2006	**16**		07/06/2006	**13**		10/13/2006	**16**		01/05/2007	**13**	
PO-C01-354	NS			NS			NS			12/15/2006	ND (0.5)	
PO-C02-053	03/21/2006	1.5		NS			NS			12/18/2006	1.3	
PO-C02-205	NS			NS			NS			12/18/2006	0.1 J	
PO-C03-182	03/21/2006	2.6		NS			NS			12/15/2006	2.9	
PO-C03-235	NS			NS			NS			12/15/2006	1.7	
PO-VPB-01	03/20/2006	1.6		NS			NS			12/18/2006	0.8	
PO-VPB-02	03/28/2006	**230**		07/11/2006	**180**		10/13/2006	**260**		01/05/2007	**170**	
PO-VPB-03	NS			06/27/2006	**10**		10/16/2006	**11**		12/15/2006	**12**	
PO-VPB-04	NS			NS			NS			NS		
PO-VPB-05	NS			NS			NS			12/18/2006	ND (0.5)	-1
PO-VPB-06	NS			NS			NS			12/18/2006	0.3 J	
PO-VPB-07	03/24/2006	**22**		07/11/2006	**65**	+1	10/17/2006	**89**		01/05/2007	**20**	-1
PO-VPB-08	NS			07/11/2006	**6.4**		10/05/2006	**8.7**		12/18/2006	**7.5**	
PO-VPB-09	NS			NS			NS			NS		
PO-VPB-10	03/21/2006	ND (0.5)		07/06/2006	ND (0.5)		NS			12/14/2006	ND (0.5)	
PO-VPB-11	NS			NS			NS			NS		

TABLE 3-5

Summary of TCE Values - First, Second, Third, and Fourth Quarters 2006

San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	1st Qtr.			2nd Qtr.		3rd Qtr.			4th Qtr.	
	Sample Date	Value (µg/L)		Sample Date	Value (µg/L)	Sample Date	Value (µg/L)		Sample Date	Value (µg/L)
VD-VPB-01	03/21/2006	ND (0.5)	-1	07/05/2006	ND (0.5)	10/04/2006	ND (0.5)		12/19/2006	ND (0.5)
VD-VPB-02	03/22/2006	ND (0.5)	-1	07/06/2006	ND (0.5)	10/04/2006	ND (0.5)		12/19/2006	ND (0.5)
VD-VPB-03	03/22/2006	ND (0.5)		07/05/2006	ND (0.5)	10/04/2006	ND (0.5)		12/19/2006	ND (0.5)
VD-VPB-04	NS			NS		NS			NS	
VD-VPB-05	03/22/2006	0.2 J		07/05/2006	0.1 J	10/04/2006	ND (0.5)	-1	12/19/2006	ND (0.5)
VD-VPB-06	03/22/2006	ND (0.5)		07/05/2006	ND (0.5)	10/04/2006	ND (0.5)		12/19/2006	ND (0.5)
VD-VPB-07	03/22/2006	ND (0.5)		NS		NS			12/19/2006	ND (0.5)

Notes:

ND (250): Not detected (reporting limit)
NS = Not sampled
J = Approximate concentration
+1 = value moved 1 concentration zone up from previous sampling
-1 = value moved 1 concentration zone down from previous sampling
Results greather than the MCL 5 µg/L are bolded

TABLE 3-6
Maximum and Minimum Detected PCE Values - First Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Current Date	Current Value (µg/L)	Previous Value (µg/L)	Change	Previous Date	Minimum Detected Value (µg/L)	Maximum Value (µg/L)	Date of Maximum Value
CS-C01-105	3/15/2006	4.2	**5.1**	-1	12/22/2005	**5.1**	**300**	10/26/1994
CS-C01-285	3/27/2006	**140**	**140**		12/22/2005	**42**	**340**	12/21/2001
CS-C01-558	NS	NS	ND (0.5)		12/15/2005	ND (0.5)	ND (0.5)	12/15/2005
CS-C02-062	3/24/2006	**11**	**18**		12/27/2005	**17**	**180**	11/8/1993
CS-C02-180	3/24/2006	**5.2**	**7.6**		12/27/2005	1.9	**65**	11/8/1993
CS-C02-250	3/24/2006	**61**	**57**		12/27/2005	**29**	**250**	2/22/1994
CS-C02-335	3/24/2006	**210**	**200**		12/27/2005	**14**	**480**	3/15/2004
CS-C03-100	3/27/2006	**14**	**110**	-2	1/3/2006	**7**	**280**	3/23/2005
CS-C03-325	NS	NS	ND (0.5)		12/16/2005	0.3 J	0.9	12/17/2001
CS-C03-465	3/17/2006	2	2.5		1/3/2006	0.7 J	2.5	1/3/2006
CS-C03-550	NS	NS	0.86		12/16/2005	0.86	0.86	12/16/2005
CS-C04-290	3/17/2006	**9.3**	**13**		12/29/2005	1.8	**15**	6/11/2003
CS-C04-382	3/17/2006	**19**	**23**		12/29/2005	4	**23**	12/29/2005
CS-C04-520	NS	NS	ND (0.5)		12/16/2005	ND (0.5)	ND (0.5)	12/16/2005
CS-C05-160	3/17/2006	**11**	**9.9 J**		12/28/2005	0.57	**9.9 J**	12/28/2005
CS-C05-290	3/17/2006	**14**	**13**		12/28/2005	2	**19**	6/10/2004
CS-C06-185	3/20/2006	1.9	2		12/29/2005	0.5 J	3.5	6/11/2003
CS-C06-278	NS	NS	ND (0.5)		12/16/2005	1	1	12/12/2000
CS-VPB-01	3/24/2006	**72**	**110**	-1	12/28/2005	**100**	**400**	3/12/2004
CS-VPB-02	NS	NS	1.6		12/16/2005	0.93 J	**36**	11/8/1993
CS-VPB-03	3/17/2006	ND (0.5)	0.11 J	-1	12/28/2005	0.1 J	0.27 J	9/23/2004
CS-VPB-04	NS	NS	**110**		12/29/2005	**17**	**290**	3/18/2004
CS-VPB-05	3/27/2006	**64 J**	**67**		12/28/2005	2	**74**	9/23/2004
CS-VPB-06	3/27/2006	**6.3 J**	**6.2**		12/29/2005	2	**14**	10/27/1994
CS-VPB-07	3/28/2006	ND (500)	**38 J**	-2	12/28/2005	**16**	**79 J**	3/12/1998
CS-VPB-08	NS	NS	**180**		12/29/2005	**5.4**	**180**	12/29/2005
CS-VPB-09	3/20/2006	**11**	**13**		12/16/2005	0.9	**17**	3/16/2005
CS-VPB-10	3/20/2006	**31**	**22**		12/29/2005	3	**54**	9/19/2001
CS-VPB-11	NS	NS	**11**		1/6/2003	**8**	**45**	9/15/1989
NH-C01-325	NS	NS	3.2		3/15/2005	1	**71**	7/24/1996
NH-C01-450	NS	NS	**9**		12/10/2001	1	**9**	12/10/2001
NH-C01-660	NS	NS	0.079 J		12/13/2005	0.079 J	0.09 J	12/10/2002
NH-C01-780	NS	NS	0.092 J		12/13/2005	0.092 J	0.1 J	12/10/2002
NH-C02-220	3/23/2006	0.32 J	0.5 J		6/13/2001	0.1 J	1	3/20/1996
NH-C02-325	3/14/2006	2.6	2.1		12/22/2005	1.6	**29**	11/15/1993
NH-C02-520	3/23/2006	0.96	1.4		12/22/2005	0.94	**8**	11/3/1993
NH-C02-681	NS	NS	ND (0.5)		12/14/2005	ND (0.5)	ND (0.5)	12/14/2005
NH-C03-380	3/15/2006	1.3	1.2		12/14/2005	0.3 J	**20**	9/22/2004
NH-C03-580	3/15/2006	1.4	3.4		12/21/2005	0.2 J	**35**	6/8/2004
NH-C03-680	3/15/2006	0.57	0.35 J		12/14/2005	0.17 J	2	12/3/2003
NH-C03-800	NS	NS	ND (0.5)		12/13/2005	0.1 J	0.6 J	1/11/2000

TABLE 3-6
Maximum and Minimum Detected PCE Values - First Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Current Date	Current Value (µg/L)	Previous Value (µg/L)	Change	Previous Date	Minimum Detected Value (µg/L)	Maximum Value (µg/L)	Date of Maximum Value
NH-C04-240	NS	NS	0.21 J		12/15/2005	0.1 J	3	9/14/2000
NH-C04-375	NS	NS	ND (0.5)		12/15/2005	ND (0.5)	ND (0.5)	12/15/2005
NH-C04-560	NS	NS	ND (0.5)		12/15/2005	ND (0.5)	ND (0.5)	12/15/2005
NH-C05-320	NS	NS	ND (0.5)		12/4/2000	ND (0.5)	ND (0.5)	12/4/2000
NH-C05-460	3/23/2006	1.1	5 J		12/21/2005	2.8 J	**15**	12/2/2003
NH-C06-160	3/15/2006	0.58	0.8		12/15/2005	0.2 J	1.1	9/21/2001
NH-C06-285	3/15/2006	3.8	4		12/21/2005	1	4	12/21/2005
NH-C06-425	NS	NS	ND (0.5)		12/15/2005	0.9	0.9	12/12/2002
NH-VPB-01	3/16/2006	**13**	**17**		12/27/2005	**14**	**350**	11/9/1993
NH-VPB-02	3/16/2006	1.6	1.6		9/10/2003	0.3 J	3 J	12/10/2002
NH-VPB-03	NS	NS	0.14 J		6/3/2003	0.1 J	0.3 J	3/13/2001
NH-VPB-04	NS	NS	ND (0.5)		12/13/2001	ND (0.5)	ND (0.5)	12/13/2001
NH-VPB-05	3/14/2006	0.28 J	0.25 J		12/14/2005	0.17 J	**20**	5/5/1995
NH-VPB-06	3/23/2006	2.1	0.8 J		6/15/1998	0.3 J	4	12/18/1996
NH-VPB-07	3/16/2006	1.8	**7**	-1	12/1/1999	3	**54**	11/11/1992
NH-VPB-08	NS	NS	3.4		12/14/2005	0.9 J	4	9/17/1997
NH-VPB-09	NS	NS	4		3/6/2001	2	5	9/14/2000
NH-VPB-10	NS	NS	ND (0.5)		12/22/2005	ND (0.5)	ND (0.5)	12/22/2005
NH-VPB-11	NS	NS	ND (1)		6/22/1998	0.2 J	0.3 J	12/4/1995
NH-VPB-12	NS	NS	ND (0.5)		12/13/2001	ND (0.5)	ND (0.5)	12/13/2001
NH-VPB-13	NS	NS	ND (1)		12/4/1995	0.2 J	0.2 J	10/19/1994
NH-VPB-14	NS	NS	**11**		3/15/2000	1.4	**250**	3/11/1998
PO-C01-195	3/21/2006	0.84	1.1		1/3/2006	0.2 J	1.2	12/20/2004
PO-C01-354	NS	NS	ND (0.5)		12/20/2005	0.04 J	0.04 J	1/7/2003
PO-C02-053	3/21/2006	1.3	1.4		12/19/2005	0.57	4	11/11/1993
PO-C02-205	NS	NS	0.54		12/19/2005	0.3 J	3	4/1/1991
PO-C03-182	3/21/2006	1.1	1.4		12/19/2005	0.99	**21**	10/28/1994
PO-C03-235	NS	NS	1.3		12/19/2005	0.84	2	12/15/1997
PO-VPB-01	3/20/2006	0.71	0.77		12/19/2005	0.33 J	5	11/9/1989
PO-VPB-02	3/28/2006	**140**	**75**	+1	1/3/2006	**22**	**210**	3/17/2004
PO-VPB-03	NS	NS	5		3/24/2005	2	**46**	11/14/1989
PO-VPB-04	NS	NS	ND		9/20/1990	ND	ND	9/20/1990
PO-VPB-05	NS	NS	0.1 J		12/20/2005	0.1 J	0.7 J	12/15/1997
PO-VPB-06	NS	NS	ND (0.5)		12/19/2005	0.1 J	0.4 J	12/15/2000
PO-VPB-07	3/24/2006	0.72	0.89		1/3/2006	0.66	**23**	12/15/1997
PO-VPB-08	NS	NS	4.9		1/3/2006	0.05 J	**11**	9/18/2001
PO-VPB-09	NS	NS	ND (1)		8/19/1993	ND (1)	ND (1)	8/19/1993
PO-VPB-10	3/21/2006	ND (0.5)	ND (0.5) J		9/20/2001	ND (0.5) J	ND (0.5) J	9/20/2001
PO-VPB-11	NS	NS	ND (1)		9/20/1990	ND (1)	ND (1)	9/20/1990
VD-VPB-01	3/21/2006	2.7	4.1		12/2/2005	1	**10**	11/12/1993
VD-VPB-02	3/22/2006	1.7	2.1		12/20/2005	1	**6.4**	3/17/2005

TABLE 3-6
Maximum and Minimum Detected PCE Values - First Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Current Date	Current Value (µg/L)	Previous Value (µg/L)	Change	Previous Date	Minimum Detected Value (µg/L)	Maximum Value (µg/L)	Date of Maximum Value
VD-VPB-03	3/22/2006	0.23 J	0.34 J		12/20/2005	0.1 J	1.1	2/27/1991
VD-VPB-04	NS	NS	0.55		9/11/2003	0.2 J	1.4	2/27/1991
VD-VPB-05	3/22/2006	0.51	0.8		9/9/2002	0.3 J	2	11/5/1993
VD-VPB-06	3/22/2006	0.44 J	0.35 J		12/20/2005	0.16 J	0.7	12/13/2002
VD-VPB-07	3/22/2006	ND (0.5)	0.094 J	-1	12/20/2005	0.07 J	0.2 J	3/13/2002

Notes:

Results greater than the MCL 5 µg/L are bolded.
NS = Not sampled
ND (250) = Not detected (reporting limit)
µg/L = Micrograms per liter
J = Approximate concentration
+1 = Value moved 1 concentration zone up from previous sample date.
-1 = Value moved 1 concentration zone down from previous sample date.

TABLE 3-7
Maximum and Minimum Detected PCE Values - Second Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Current Date	Current Value (µg/L)	Previous Value (µg/L)	Change	Previous Date	Minimum Detected Value (µg/L)	Maximum Value (µg/L)	Date of Maximum Value
CS-C01-105	7/10/2006	**5.3**	4.2	+1	3/15/2006	4.2	**300**	10/26/1994
CS-C01-285	7/10/2006	**120**	**140**		3/27/2006	**42**	**340**	12/21/2001
CS-C01-558	NS	NS	ND (0.5)		12/15/2005	ND (0.5)	ND (0.5)	12/15/2005
CS-C02-062	7/11/2006	**13**	**11**		3/24/2006	**11**	**180**	11/8/1993
CS-C02-180	7/11/2006	4.5	**5.2**	-1	3/24/2006	1.9	**65**	11/8/1993
CS-C02-250	7/11/2006	**67**	**61**		3/24/2006	**29**	**250**	2/22/1994
CS-C02-335	7/11/2006	**180**	**210**		3/24/2006	**14**	**480**	3/15/2004
CS-C03-100	7/10/2006	**92**	**14**	+1	3/27/2006	**7**	**280**	3/23/2005
CS-C03-325	NS	NS	ND (0.5)		12/16/2005	0.3 J	0.9	12/17/2001
CS-C03-465	6/27/2006	2.3	2		3/17/2006	0.7 J	2.5	1/3/2006
CS-C03-550	NS	NS	0.86		12/16/2005	0.86	0.86	12/16/2005
CS-C04-290	7/6/2006	**9**	**9.3**		3/17/2006	1.8	**15**	6/11/2003
CS-C04-382	7/6/2006	**19**	**19**		3/17/2006	4	**23**	12/29/2005
CS-C04-520	NS	NS	ND (0.5)		12/16/2005	ND (0.5)	ND (0.5)	12/16/2005
CS-C05-160	7/5/2006	**9.6**	**11**		3/17/2006	0.57	**11**	3/17/2006
CS-C05-290	7/5/2006	**13**	**14**		3/17/2006	2	**19**	6/10/2004
CS-C06-185	7/6/2006	1.7	1.9		3/20/2006	0.5 J	3.5	6/11/2003
CS-C06-278	NS	NS	ND (0.5)		12/16/2005	1	1	12/12/2000
CS-VPB-01	7/11/2006	**76**	**72**		3/24/2006	**72**	**400**	3/12/2004
CS-VPB-02	NS	NS	1.6		12/16/2005	0.93 J	**36**	11/8/1993
CS-VPB-03	6/27/2006	ND (0.5)	ND (0.5)		3/17/2006	0.1 J	0.27 J	9/23/2004
CS-VPB-04	7/19/2006	**130 J**	**110**		12/29/2005	**17**	**290**	3/18/2004
CS-VPB-05	7/10/2006	**58**	**64 J**		3/27/2006	2	**74**	9/23/2004
CS-VPB-06	7/11/2006	4.7	**6.3 J**	-1	3/27/2006	2	**14**	10/27/1994
CS-VPB-07	7/11/2006	**30**	ND (500)	+2	3/28/2006	**16**	**79 J**	3/12/1998
CS-VPB-08	7/10/2006	**210**	**180**		12/29/2005	**5.4**	**180**	12/29/2005
CS-VPB-09	6/27/2006	**7.9**	**11**		3/20/2006	0.9	**17**	3/16/2005
CS-VPB-10	7/5/2006	**24**	**31**		3/20/2006	3	**54**	9/19/2001
CS-VPB-11	7/6/2006	**5.7**	**11**		1/6/2003	**8**	**45**	9/15/1989
NH-C01-325	7/7/2006	**19**	3.2	+1	3/15/2005	1	**71**	7/24/1996
NH-C01-450	NS	NS	**9**		12/10/2001	1	**9**	12/10/2001
NH-C01-660	NS	NS	0.079 J		12/13/2005	0.079 J	0.09 J	12/10/2002
NH-C01-780	NS	NS	0.092 J		12/13/2005	0.092 J	0.1 J	12/10/2002
NH-C02-220	NS	NS	0.32 J		3/23/2006	0.1 J	1	3/20/1996
NH-C02-325	7/7/2006	2.7	2.6		3/14/2006	1.6	**29**	11/15/1993
NH-C02-520	7/7/2006	0.52	0.96		3/23/2006	0.94	**8**	11/3/1993
NH-C02-681	NS	NS	ND (0.5)		12/14/2005	ND (0.5)	ND (0.5)	12/14/2005
NH-C03-380	6/21/2006	1.2	1.3		3/15/2006	0.3 J	**20**	9/22/2004
NH-C03-580	6/21/2006	0.55	1.4		3/15/2006	0.2 J	**35**	6/8/2004
NH-C03-680	NS	NS	0.57		3/15/2006	0.17 J	2	12/3/2003
NH-C03-800	NS	NS	ND (0.5)		12/13/2005	0.1 J	0.6 J	1/11/2000

TABLE 3-7
Maximum and Minimum Detected PCE Values - Second Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Current Date	Current Value (µg/L)	Previous Value (µg/L)	Change	Previous Date	Minimum Detected Value (µg/L)	Maximum Value (µg/L)	Date of Maximum Value
NH-C04-240	NS	NS	0.21 J		12/15/2005	0.1 J	3	9/14/2000
NH-C04-375	NS	NS	ND (0.5)		12/15/2005	ND (0.5)	ND (0.5)	12/15/2005
NH-C04-560	NS	NS	ND (0.5)		12/15/2005	ND (0.5)	ND (0.5)	12/15/2005
NH-C05-320	NS	NS	ND (0.5)		12/4/2000	ND (0.5)	ND (0.5)	12/4/2000
NH-C05-460	7/7/2006	1.6	1.1		3/23/2006	1.1	**15**	12/2/2003
NH-C06-160	NS	NS	0.58		3/15/2006	0.2 J	1.1	9/21/2001
NH-C06-285	6/23/2006	3.8	3.8		3/15/2006	1	4	12/21/2005
NH-C06-425	NS	NS	ND (0.5)		12/15/2005	0.9	0.9	12/12/2002
NH-VPB-01	6/22/2006	**13**	**13**		3/16/2006	**13**	**350**	11/9/1993
NH-VPB-02	NS	NS	1.6		3/16/2006	0.3 J	3 J	12/10/2002
NH-VPB-03	NS	NS	0.14 J		6/3/2003	0.1 J	0.3 J	3/13/2001
NH-VPB-04	6/23/2006	ND (0.5)	ND (0.5)		12/13/2001	ND (0.5)	ND (0.5)	12/13/2001
NH-VPB-05	6/21/2006	ND (0.5)	0.28 J	-1	3/14/2006	0.17 J	**20**	5/5/1995
NH-VPB-06	6/21/2006	2.3	2.1		3/23/2006	0.3 J	4	12/18/1996
NH-VPB-07	6/23/2006	1.8	1.8		3/16/2006	1.8	**54**	11/11/1992
NH-VPB-08	6/23/2006	3.4	3.4		12/14/2005	0.9 J	4	9/17/1997
NH-VPB-09	NS	NS	4		3/6/2001	2	5	9/14/2000
NH-VPB-10	NS	NS	ND (0.5)		12/22/2005	ND (0.5)	ND (0.5)	12/22/2005
NH-VPB-11	NS	NS	ND (1)		6/22/1998	0.2 J	0.3 J	12/4/1995
NH-VPB-12	NS	NS	ND (0.5)		12/13/2001	ND (0.5)	ND (0.5)	12/13/2001
NH-VPB-13	NS	NS	ND (1)		12/4/1995	0.2 J	0.2 J	10/19/1994
NH-VPB-14	NS	NS	**11**		3/15/2000	1.4	**250**	3/11/1998
PO-C01-195	7/6/2006	0.69	0.84		3/21/2006	0.2 J	1.2	12/20/2004
PO-C01-354	NS	NS	ND (0.5)		12/20/2005	0.04 J	0.04 J	1/7/2003
PO-C02-053	NS	NS	1.3		3/21/2006	0.57	4	11/11/1993
PO-C02-205	NS	NS	0.54		12/19/2005	0.3 J	3	4/1/1991
PO-C03-182	NS	NS	1.1		3/21/2006	0.99	**21**	10/28/1994
PO-C03-235	NS	NS	1.3		12/19/2005	0.84	2	12/15/1997
PO-VPB-01	NS	NS	0.71		3/20/2006	0.33 J	5	11/9/1989
PO-VPB-02	7/11/2006	**90**	**140**	-1	3/28/2006	**22**	**210**	3/17/2004
PO-VPB-03	6/27/2006	**5.9**	5	+1	3/24/2005	2	**46**	11/14/1989
PO-VPB-04	NS	NS	ND		9/20/1990	ND	ND	9/20/1990
PO-VPB-05	NS	NS	0.1 J		12/20/2005	0.1 J	0.7 J	12/15/1997
PO-VPB-06	NS	NS	ND (0.5)		12/19/2005	0.1 J	0.4 J	12/15/2000
PO-VPB-07	7/11/2006	0.95	0.72		3/24/2006	0.66	**23**	12/15/1997
PO-VPB-08	7/11/2006	4.1	4.9		1/3/2006	0.05 J	**11**	9/18/2001
PO-VPB-09	NS	NS	ND (1)		8/19/1993	ND (1)	ND (1)	8/19/1993
PO-VPB-10	7/6/2006	ND (0.5)	ND (0.5)		3/21/2006	ND (0.5)	ND (0.5)	3/21/2006
PO-VPB-11	NS	NS	ND (1)		9/20/1990	ND (1)	ND (1)	9/20/1990
VD-VPB-01	7/5/2006	2.2	2.7		3/21/2006	1	**10**	11/12/1993
VD-VPB-02	7/6/2006	1.7	1.7		3/22/2006	1	**6.4**	3/17/2005

TABLE 3-7
Maximum and Minimum Detected PCE Values - Second Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Current Date	Current Value (µg/L)	Previous Value (µg/L)	Change	Previous Date	Minimum Detected Value (µg/L)	Maximum Value (µg/L)	Date of Maximum Value
VD-VPB-03	7/5/2006	0.31 J	0.23 J		3/22/2006	0.1 J	1.1	2/27/1991
VD-VPB-04	NS	NS	0.55		9/11/2003	0.2 J	1.4	2/27/1991
VD-VPB-05	7/5/2006	0.4 J	0.51		3/22/2006	0.3 J	2	11/5/1993
VD-VPB-06	7/5/2006	0.34 J	0.44 J		3/22/2006	0.16 J	0.7	12/13/2002
VD-VPB-07	NS	NS	ND (0.5)		3/22/2006	0.07 J	0.2 J	3/13/2002

Notes:

Results greater than the MCL 5 µg/L are bolded.
NS = Not sampled
ND (250) = Not detected (reporting limit)
µg/L = Micrograms per liter
J = Approximate concentration
+1 = Value moved 1 concentration zone up from previous sample date.
-1 = Value moved 1 concentration zone down from previous sample date.

TABLE 3-8
Maximum and Minimum Detected PCE Values - Third Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Current Date	Current Value (µg/L)	Previous Value (µg/L)	Change	Previous Date	Minimum Detected Value (µg/L)	Maximum Value (µg/L)	Date of Maximum Value
CS-C01-105	10/13/2006	**11**	**5.3**		7/10/2006	4.2	**300**	10/26/1994
CS-C01-285	10/13/2006	**170**	**120**		7/10/2006	**42**	**340**	12/21/2001
CS-C01-558	NS	NS	ND (0.5)		12/15/2005	ND (0.5)	ND (0.5)	12/15/2005
CS-C02-062	10/16/2006	**18**	**13**		7/11/2006	**11**	**180**	11/8/1993
CS-C02-180	10/16/2006	**5.3**	4.5	+1	7/11/2006	1.9	**65**	11/8/1993
CS-C02-250	10/16/2006	**96**	**67**		7/11/2006	**29**	**250**	2/22/1994
CS-C02-335	10/16/2006	**270**	**180**		7/11/2006	**14**	**480**	3/15/2004
CS-C03-100	10/11/2006	**130**	**92**	+1	7/10/2006	**7**	**280**	3/23/2005
CS-C03-325	NS	NS	ND (0.5)		12/16/2005	0.3 J	0.9	12/17/2001
CS-C03-465	10/11/2006	3	2.3		6/27/2006	0.7 J	2.5	1/3/2006
CS-C03-550	NS	NS	0.86		12/16/2005	0.86	0.86	12/16/2005
CS-C04-290	10/11/2006	**11**	**9**		7/6/2006	1.8	**15**	6/11/2003
CS-C04-382	10/11/2006	**23**	**19**		7/6/2006	4	**23**	12/29/2005
CS-C04-520	NS	NS	ND (0.5)		12/16/2005	ND (0.5)	ND (0.5)	12/16/2005
CS-C05-160	10/13/2006	**15**	**9.6**		7/5/2006	0.57	**11**	3/17/2006
CS-C05-290	10/13/2006	**19**	**13**		7/5/2006	2	**19**	6/10/2004
CS-C06-185	10/12/2006	2.4	1.7		7/6/2006	0.5 J	3.5	6/11/2003
CS-C06-278	NS	NS	ND (0.5)		12/16/2005	1	1	12/12/2000
CS-VPB-01	10/9/2006	**100**	**76**		7/11/2006	**72**	**400**	3/12/2004
CS-VPB-02	10/10/2006	4	1.6		12/16/2005	0.93 J	**36**	11/8/1993
CS-VPB-03	10/17/2006	ND (0.5)	ND (0.5)		6/27/2006	0.1 J	0.27 J	9/23/2004
CS-VPB-04	10/11/2006	**190 J**	**130 J**		7/19/2006	**17**	**290**	3/18/2004
CS-VPB-05	10/13/2006	**68**	**58**		7/10/2006	2	**74**	9/23/2004
CS-VPB-06	10/12/2006	**6.8**	4.7	+1	7/11/2006	2	**14**	10/27/1994
CS-VPB-07	10/11/2006	**12 J**	**30**		7/11/2006	**16**	**79 J**	3/12/1998
CS-VPB-08	10/12/2006	**290**	**210**		7/10/2006	**5.4**	**210**	7/10/2006
CS-VPB-09	10/16/2006	**9.4**	**7.9**		6/27/2006	0.9	**17**	3/16/2005
CS-VPB-10	10/12/2006	**37**	**24**		7/5/2006	3	**54**	9/19/2001
CS-VPB-11	10/17/2006	**10**	**5.7**		7/6/2006	**5.7**	**45**	9/15/1989
NH-C01-325	10/3/2006	**27**	**19**		7/7/2006	1	**71**	7/24/1996
NH-C01-450	NS	NS	**9**		12/10/2001	1	**9**	12/10/2001
NH-C01-660	NS	NS	0.079 J		12/13/2005	0.079 J	0.09 J	12/10/2002
NH-C01-780	NS	NS	0.092 J		12/13/2005	0.092 J	0.1 J	12/10/2002
NH-C02-220	10/6/2006	0.26 J	0.32 J		3/23/2006	0.1 J	1	3/20/1996
NH-C02-325	10/9/2006	3.7	2.7		7/7/2006	1.6	**29**	11/15/1993
NH-C02-520	10/9/2006	0.53	0.52		7/7/2006	0.52	**8**	11/3/1993
NH-C02-681	NS	NS	ND (0.5)		12/14/2005	ND (0.5)	ND (0.5)	12/14/2005
NH-C03-380	10/5/2006	1.3	1.2		6/21/2006	0.3 J	**20**	9/22/2004
NH-C03-580	NS	NS	0.55		6/21/2006	0.2 J	**35**	6/8/2004
NH-C03-680	NS	NS	0.57		3/15/2006	0.17 J	2	12/3/2003
NH-C03-800	NS	NS	ND (0.5)		12/13/2005	0.1 J	0.6 J	1/11/2000

TABLE 3-8
Maximum and Minimum Detected PCE Values - Third Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Current Date	Current Value (µg/L)	Previous Value (µg/L)	Change	Previous Date	Minimum Detected Value (µg/L)	Maximum Value (µg/L)	Date of Maximum Value
NH-C04-240	NS	NS	0.21 J		12/15/2005	0.1 J	3	9/14/2000
NH-C04-375	NS	NS	ND (0.5)		12/15/2005	ND (0.5)	ND (0.5)	12/15/2005
NH-C04-560	NS	NS	ND (0.5)		12/15/2005	ND (0.5)	ND (0.5)	12/15/2005
NH-C05-320	NS	NS	ND (0.5)		12/4/2000	ND (0.5)	ND (0.5)	12/4/2000
NH-C05-460	10/9/2006	1.5	1.6		7/7/2006	1.1	**15**	12/2/2003
NH-C06-160	10/6/2006	0.74	0.58		3/15/2006	0.2 J	1.1	9/21/2001
NH-C06-285	10/10/2006	**5.2**	3.8	+1	6/23/2006	1	4	12/21/2005
NH-C06-425	NS	NS	ND (0.5)		12/15/2005	0.9	0.9	12/12/2002
NH-VPB-01	10/10/2006	**16**	**13**		6/22/2006	**13**	**350**	11/9/1993
NH-VPB-02	10/3/2006	**7.5**	1.6	+1	3/16/2006	0.3 J	**7.5**	10/3/2006
NH-VPB-03	NS	NS	0.14 J		6/3/2003	0.1 J	0.3 J	3/13/2001
NH-VPB-04	10/6/2006	0.11 J	ND (0.5)	+1	6/23/2006	ND (0.5)	ND (0.5)	6/23/2006
NH-VPB-05	10/9/2006	0.45 J	ND (0.5)	+1	6/21/2006	0.17 J	**20**	5/5/1995
NH-VPB-06	10/3/2006	2.4	2.3		6/21/2006	0.3 J	4	12/18/1996
NH-VPB-07	10/5/2006	2	1.8		6/23/2006	1.8	**54**	11/11/1992
NH-VPB-08	10/9/2006	2.5	3.4		6/23/2006	0.9 J	4	9/17/1997
NH-VPB-09	NS	NS	4		3/6/2001	2	5	9/14/2000
NH-VPB-10	NS	NS	ND (0.5)		12/22/2005	ND (0.5)	ND (0.5)	12/22/2005
NH-VPB-11	NS	NS	ND (1)		6/22/1998	0.2 J	0.3 J	12/4/1995
NH-VPB-12	NS	NS	ND (0.5)		12/13/2001	ND (0.5)	ND (0.5)	12/13/2001
NH-VPB-13	NS	NS	ND (1)		12/4/1995	0.2 J	0.2 J	10/19/1994
NH-VPB-14	NS	NS	**11**		3/15/2000	1.4	**250**	3/11/1998
PO-C01-195	10/13/2006	0.93	0.69		7/6/2006	0.2 J	1.2	12/20/2004
PO-C01-354	NS	NS	ND (0.5)		12/20/2005	0.04 J	0.04 J	1/7/2003
PO-C02-053	NS	NS	1.3		3/21/2006	0.57	4	11/11/1993
PO-C02-205	NS	NS	0.54		12/19/2005	0.3 J	3	4/1/1991
PO-C03-182	NS	NS	1.1		3/21/2006	0.99	**21**	10/28/1994
PO-C03-235	NS	NS	1.3		12/19/2005	0.84	2	12/15/1997
PO-VPB-01	NS	NS	0.71		3/20/2006	0.33 J	5	11/9/1989
PO-VPB-02	10/13/2006	**140**	**90**	+1	7/11/2006	**22**	**210**	3/17/2004
PO-VPB-03	10/16/2006	**7.4**	**5.9**		6/27/2006	2	**46**	11/14/1989
PO-VPB-04	NS	NS	ND		9/20/1990	ND	ND	9/20/1990
PO-VPB-05	NS	NS	0.1 J		12/20/2005	0.1 J	0.7 J	12/15/1997
PO-VPB-06	NS	NS	ND (0.5)		12/19/2005	0.1 J	0.4 J	12/15/2000
PO-VPB-07	10/17/2006	2.3 J	0.95		7/11/2006	0.66	**23**	12/15/1997
PO-VPB-08	10/5/2006	**5.6**	4.1	+1	7/11/2006	0.05 J	**11**	9/18/2001
PO-VPB-09	NS	NS	ND (1)		8/19/1993	ND (1)	ND (1)	8/19/1993
PO-VPB-10	NS	NS	ND (0.5)		7/6/2006	ND (0.5)	ND (0.5)	7/6/2006
PO-VPB-11	NS	NS	ND (1)		9/20/1990	ND (1)	ND (1)	9/20/1990
VD-VPB-01	10/4/2006	3.4	2.2		7/5/2006	1	**10**	11/12/1993
VD-VPB-02	10/4/2006	2.4	1.7		7/6/2006	1	**6.4**	3/17/2005

TABLE 3-8
Maximum and Minimum Detected PCE Values - Third Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Current Date	Current Value (µg/L)	Previous Value (µg/L)	Change	Previous Date	Minimum Detected Value (µg/L)	Maximum Value (µg/L)	Date of Maximum Value
VD-VPB-03	10/4/2006	0.35 J	0.31 J		7/5/2006	0.1 J	1.1	2/27/1991
VD-VPB-04	NS	NS	0.55		9/11/2003	0.2 J	1.4	2/27/1991
VD-VPB-05	10/4/2006	0.41 J	0.4 J		7/5/2006	0.3 J	2	11/5/1993
VD-VPB-06	10/4/2006	0.39 J	0.34 J		7/5/2006	0.16 J	0.7	12/13/2002
VD-VPB-07	NS	NS	ND (0.5)		3/22/2006	0.07 J	0.2 J	3/13/2002

Notes:

Results greater than the MCL 5 µg/L are bolded.
NS = Not sampled
ND (250) = Not detected (reporting limit)
µg/L = Micrograms per liter
J = Approximate concentration
+1 = Value moved 1 concentration zone up from previous sample date.
-1 = Value moved 1 concentration zone down from previous sample date.

TABLE 3-9
Maximum and Minimum Detected PCE Values - Fourth Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Current Date	Current Value (µg/L)	Previous Value (µg/L)	Change	Previous Date	Minimum Detected Value (µg/L)	Maximum Value (µg/L)	Date of Maximum Value
CS-C01-105	12/28/2006	**12**	**11**		10/13/2006	4.2	**300**	10/26/1994
CS-C01-285	12/28/2006	**110**	**170**		10/13/2006	**42**	**340**	12/21/2001
CS-C01-558	12/13/2006	ND (0.5)	ND (0.5)		12/15/2005	ND (0.5)	ND (0.5)	12/15/2005
CS-C02-062	1/4/2007	**14**	**18**		10/16/2006	**11**	**180**	11/8/1993
CS-C02-180	1/4/2007	4.3	**5.3**	-1	10/16/2006	1.9	**65**	11/8/1993
CS-C02-250	1/4/2007	**75**	**96**		10/16/2006	**29**	**250**	2/22/1994
CS-C02-335	1/4/2007	**200**	**270**		10/16/2006	**14**	**480**	3/15/2004
CS-C03-100	12/28/2006	**100**	**130**	-1	10/11/2006	**7**	**280**	3/23/2005
CS-C03-325	12/12/2006	0.27 J	ND (0.5)	+1	12/16/2005	0.3 J	0.9	12/17/2001
CS-C03-465	12/28/2006	3	3		10/11/2006	0.7 J	3	10/11/2006
CS-C03-550	12/12/2006	0.68	0.86		12/16/2005	0.86	0.86	12/16/2005
CS-C04-290	1/3/2007	**11**	**11**		10/11/2006	1.8	**15**	6/11/2003
CS-C04-382	1/3/2007	**22**	**23**		10/11/2006	4	**23**	10/11/2006
CS-C04-520	12/13/2006	ND (0.5)	ND (0.5)		12/16/2005	ND (0.5)	ND (0.5)	12/16/2005
CS-C05-160	1/2/2007	**10**	**15**		10/13/2006	0.57	**15**	10/13/2006
CS-C05-290	1/2/2007	**17**	**19**		10/13/2006	2	**19**	10/13/2006
CS-C06-185	1/4/2007	1.6	2.4		10/12/2006	0.5 J	3.5	6/11/2003
CS-C06-278	12/14/2006	ND (0.5)	ND (0.5)		12/16/2005	1	1	12/12/2000
CS-VPB-01	12/28/2006	**85**	**100**		10/9/2006	**72**	**400**	3/12/2004
CS-VPB-02	11/29/2006	2.9 J	4		10/10/2006	0.93 J	**36**	11/8/1993
CS-VPB-03	1/2/2007	ND (0.5)	ND (0.5)		10/17/2006	0.1 J	0.27 J	9/23/2004
CS-VPB-04	1/3/2007	**160**	**190 J**		10/11/2006	**17**	**290**	3/18/2004
CS-VPB-05	1/2/2007	**30**	**68**	-1	10/13/2006	2	**74**	9/23/2004
CS-VPB-06	1/4/2007	5 J	**6.8**	-1	10/12/2006	2	**14**	10/27/1994
CS-VPB-07	1/3/2007	**11 J**	**12 J**		10/11/2006	**12 J**	**79 J**	3/12/1998
CS-VPB-08	12/27/2006	**230**	**290**		10/12/2006	**5.4**	**290**	10/12/2006
CS-VPB-09	12/11/2006	**7.4**	**9.4**		10/16/2006	0.9	**17**	3/16/2005
CS-VPB-10	1/5/2007	**30**	**37**		10/12/2006	3	**54**	9/19/2001
CS-VPB-11	1/3/2007	**8.6**	**10**		10/17/2006	**5.7**	**45**	9/15/1989
NH-C01-325	12/20/2006	**28**	**27**		10/3/2006	1	**71**	7/24/1996
NH-C01-450	NS	NS	**9**		12/10/2001	1	**9**	12/10/2001
NH-C01-660	12/1/2006	ND (0.5)	0.079 J	-1	12/13/2005	0.079 J	0.09 J	12/10/2002
NH-C01-780	12/1/2006	ND (0.5)	0.092 J	-1	12/13/2005	0.092 J	0.1 J	12/10/2002
NH-C02-220	12/21/2006	0.27 J	0.26 J		10/6/2006	0.1 J	1	3/20/1996
NH-C02-325	12/21/2006	3.3	3.7		10/9/2006	1.6	**29**	11/15/1993
NH-C02-520	12/21/2006	0.41 J	0.53		10/9/2006	0.52	**8**	11/3/1993
NH-C02-681	11/30/2006	ND (0.5)	ND (0.5)		12/14/2005	ND (0.5)	ND (0.5)	12/14/2005
NH-C03-380	12/5/2006	1.9	1.3		10/5/2006	0.3 J	**20**	9/22/2004
NH-C03-580	12/5/2006	0.41 J	0.55		6/21/2006	0.2 J	**35**	6/8/2004
NH-C03-680	12/5/2006	0.46 J	0.57		3/15/2006	0.17 J	2	12/3/2003
NH-C03-800	12/5/2006	ND (0.5)	ND (0.5)		12/13/2005	0.1 J	0.6 J	1/11/2000

TABLE 3-9
Maximum and Minimum Detected PCE Values - Fourth Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Current Date	Current Value (µg/L)	Previous Value (µg/L)	Change	Previous Date	Minimum Detected Value (µg/L)	Maximum Value (µg/L)	Date of Maximum Value
NH-C04-240	12/6/2006	0.25 J	0.21 J		12/15/2005	0.1 J	3	9/14/2000
NH-C04-375	12/6/2006	ND (0.5)	ND (0.5)		12/15/2005	ND (0.5)	ND (0.5)	12/15/2005
NH-C04-560	12/6/2006	ND (0.5)	ND (0.5)		12/15/2005	ND (0.5)	ND (0.5)	12/15/2005
NH-C05-320	NS	NS	ND (0.5)		12/4/2000	ND (0.5)	ND (0.5)	12/4/2000
NH-C05-460	12/20/2006	1.3 J	1.5		10/9/2006	1.1	**15**	12/2/2003
NH-C06-160	12/11/2006	0.69	0.74		10/6/2006	0.2 J	1.1	9/21/2001
NH-C06-285	12/26/2006	4.3	**5.2**	-1	10/10/2006	1	**5.2**	10/10/2006
NH-C06-425	12/11/2006	ND (0.5)	ND (0.5)		12/15/2005	0.9	0.9	12/12/2002
NH-VPB-01	12/27/2006	**12**	**16**		10/10/2006	**13**	**350**	11/9/1993
NH-VPB-02	12/26/2006	**5.4**	**7.5**		10/3/2006	0.3 J	**7.5**	10/3/2006
NH-VPB-03	NS	NS	0.14 J		6/3/2003	0.1 J	0.3 J	3/13/2001
NH-VPB-04	11/30/2006	ND (0.5)	0.11 J	-1	10/6/2006	0.11 J	0.11 J	10/6/2006
NH-VPB-05	12/27/2006	0.62 J	0.45 J		10/9/2006	0.17 J	**20**	5/5/1995
NH-VPB-06	12/11/2006	2.6	2.4		10/3/2006	0.3 J	4	12/18/1996
NH-VPB-07	12/11/2006	1.7	2		10/5/2006	1.8	**54**	11/11/1992
NH-VPB-08	12/27/2006	2.4	2.5		10/9/2006	0.9 J	4	9/17/1997
NH-VPB-09	NS	NS	4		3/6/2001	2	5	9/14/2000
NH-VPB-10	NS	NS	ND (0.5)		12/22/2005	ND (0.5)	ND (0.5)	12/22/2005
NH-VPB-11	NS	NS	ND (1)		6/22/1998	0.2 J	0.3 J	12/4/1995
NH-VPB-12	NS	NS	ND (0.5)		12/13/2001	ND (0.5)	ND (0.5)	12/13/2001
NH-VPB-13	NS	NS	ND (1)		12/4/1995	0.2 J	0.2 J	10/19/1994
NH-VPB-14	NS	NS	**11**		3/15/2000	1.4	**250**	3/11/1998
PO-C01-195	1/5/2007	0.66	0.93		10/13/2006	0.2 J	1.2	12/20/2004
PO-C01-354	12/15/2006	ND (0.5)	ND (0.5)		12/20/2005	0.04 J	0.04 J	1/7/2003
PO-C02-053	12/18/2006	1.6	1.3		3/21/2006	0.57	4	11/11/1993
PO-C02-205	12/18/2006	0.49 J	0.54		12/19/2005	0.3 J	3	4/1/1991
PO-C03-182	12/15/2006	1.2	1.1		3/21/2006	0.99	**21**	10/28/1994
PO-C03-235	12/15/2006	1.1	1.3		12/19/2005	0.84	2	12/15/1997
PO-VPB-01	12/18/2006	0.6	0.71		3/20/2006	0.33 J	5	11/9/1989
PO-VPB-02	1/5/2007	**77**	**140**	-1	10/13/2006	**22**	**210**	3/17/2004
PO-VPB-03	12/15/2006	**6.6**	**7.4**		10/16/2006	2	**46**	11/14/1989
PO-VPB-04	NS	NS	ND		9/20/1990	ND	ND	9/20/1990
PO-VPB-05	12/18/2006	ND (0.5)	0.1 J	-1	12/20/2005	0.1 J	0.7 J	12/15/1997
PO-VPB-06	12/18/2006	0.24 J	ND (0.5)	+1	12/19/2005	0.1 J	0.4 J	12/15/2000
PO-VPB-07	1/5/2007	0.62	2.3 J		10/17/2006	0.66	**23**	12/15/1997
PO-VPB-08	12/18/2006	**5.9**	**5.6**		10/5/2006	0.05 J	**11**	9/18/2001
PO-VPB-09	NS	NS	ND (1)		8/19/1993	ND (1)	ND (1)	8/19/1993
PO-VPB-10	12/14/2006	ND (0.5)	ND (0.5)		7/6/2006	ND (0.5)	ND (0.5)	7/6/2006
PO-VPB-11	NS	NS	ND (1)		9/20/1990	ND (1)	ND (1)	9/20/1990
VD-VPB-01	12/19/2006	4.3	3.4		10/4/2006	1	**10**	11/12/1993
VD-VPB-02	12/19/2006	2.5	2.4		10/4/2006	1	**6.4**	3/17/2005

TABLE 3-9
Maximum and Minimum Detected PCE Values - Fourth Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Current Date	Current Value (µg/L)	Previous Value (µg/L)	Change	Previous Date	Minimum Detected Value (µg/L)	Maximum Value (µg/L)	Date of Maximum Value
VD-VPB-03	12/19/2006	0.21 J	0.35 J		10/4/2006	0.1 J	1.1	2/27/1991
VD-VPB-04	NS	NS	0.55		9/11/2003	0.2 J	1.4	2/27/1991
VD-VPB-05	12/19/2006	0.34 J	0.41 J		10/4/2006	0.3 J	2	11/5/1993
VD-VPB-06	12/19/2006	0.41 J	0.39 J		10/4/2006	0.16 J	0.7	12/13/2002
VD-VPB-07	12/19/2006	ND (0.5)	ND (0.5)		3/22/2006	0.07 J	0.2 J	3/13/2002

Notes:

Results greater than the MCL 5 µg/L are bolded.
NS = Not sampled
ND (250) = Not detected (reporting limit)
µg/L = Micrograms per liter
J = Approximate concentration
+1 = Value moved 1 concentration zone up from previous sample date.
-1 = Value moved 1 concentration zone down from previous sample date.

TABLE 3-10
Summary of PCE Values - First, Second, Third, and Fourth Quarters 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	1st Qtr. Sample Date	1st Qtr. Value (µg/L)		2nd Qtr. Sample Date	2nd Qtr. Value (µg/L)		3rd Qtr. Sample Date	3rd Qtr. Value (µg/L)		4th Qtr. Sample Date	4th Qtr. Value (µg/L)	
CS-C01-105	03/15/2006	4.2	-1	07/10/2006	**5.3**	+1	10/13/2006	**11**		12/28/2006	**12**	
CS-C01-285	03/27/2006	**140**		07/10/2006	**120**		10/13/2006	**170**		12/28/2006	**110**	
CS-C01-558	NS			NS			NS			12/13/2006	ND (0.5)	
CS-C02-062	03/24/2006	**11**		07/11/2006	**13**		10/16/2006	**18**		01/04/2007	**14**	
CS-C02-180	03/24/2006	**5.2**		07/11/2006	4.5	-1	10/16/2006	**5.3**	+1	01/04/2007	4.3	-1
CS-C02-250	03/24/2006	**61**		07/11/2006	**67**		10/16/2006	**96**		01/04/2007	**75**	
CS-C02-335	03/24/2006	**210**		07/11/2006	**180**		10/16/2006	**270**		01/04/2007	**200**	
CS-C03-100	03/27/2006	**14**	-2	07/10/2006	**92**	+1	10/11/2006	**130**	+1	12/28/2006	**100**	-1
CS-C03-325	NS			NS			NS			12/12/2006	0.3 J	+1
CS-C03-465	03/17/2006	2		06/27/2006	2.3		10/11/2006	3		12/28/2006	3	
CS-C03-550	NS			NS			NS			12/12/2006	0.7	
CS-C04-290	03/17/2006	**9.3**		07/06/2006	**9**		10/11/2006	**11**		01/03/2007	**11**	
CS-C04-382	03/17/2006	**19**		07/06/2006	**19**		10/11/2006	**23**		01/03/2007	**22**	
CS-C04-520	NS			NS			NS			12/13/2006	ND (0.5)	
CS-C05-160	03/17/2006	**11**		07/05/2006	**9.6**		10/13/2006	**15**		01/02/2007	**10**	
CS-C05-290	03/17/2006	**14**		07/05/2006	**13**		10/13/2006	**19**		01/02/2007	**17**	
CS-C06-185	03/20/2006	1.9		07/06/2006	1.7		10/12/2006	2.4		01/04/2007	1.6	
CS-C06-278	NS			NS			NS			12/14/2006	ND (0.5)	
CS-VPB-01	03/24/2006	**72**	-1	07/11/2006	**76**		10/09/2006	**100**		12/28/2006	**85**	
CS-VPB-02	NS			NS			10/10/2006	4		11/29/2006	2.9 J	
CS-VPB-03	03/17/2006	ND (0.5)	-1	06/27/2006	ND (0.5)		10/17/2006	ND (0.5)		01/02/2007	ND (0.5)	
CS-VPB-04	NS			07/19/2006	**130 J**		10/11/2006	**190 J**		01/03/2007	**160**	
CS-VPB-05	03/27/2006	**64 J**		07/10/2006	**58**		10/13/2006	**68**		01/02/2007	**30**	-1
CS-VPB-06	03/27/2006	**6.3 J**		07/11/2006	4.7	-1	10/12/2006	**6.8**	+1	01/04/2007	5 J	-1
CS-VPB-07	03/28/2006	ND (500)	-2	07/11/2006	**30**	+2	10/11/2006	**12 J**		01/03/2007	**11 J**	
CS-VPB-08	NS			07/10/2006	**210**		10/12/2006	**290**		12/27/2006	**230**	
CS-VPB-09	03/20/2006	**11**		06/27/2006	**7.9**		10/16/2006	**9.4**		12/11/2006	**7.4**	
CS-VPB-10	03/20/2006	**31**		07/05/2006	**24**		10/12/2006	**37**		01/05/2007	**30**	
CS-VPB-11	NS			07/06/2006	**5.7**		10/17/2006	**10**		01/03/2007	**8.6**	
NH-C01-325	NS			07/07/2006	**19**	+1	10/03/2006	**27**		12/20/2006	**28**	
NH-C01-450	NS			NS			NS			NS		
NH-C01-660	NS			NS			NS			12/01/2006	ND (0.5)	-1
NH-C01-780	NS			NS			NS			12/01/2006	ND (0.5)	-1
NH-C02-220	03/23/2006	0.3 J		NS			10/06/2006	0.3 J		12/21/2006	0.3 J	
NH-C02-325	03/14/2006	2.6		07/07/2006	2.7		10/09/2006	3.7		12/21/2006	3.3	
NH-C02-520	03/23/2006	1		07/07/2006	0.5		10/09/2006	0.5		12/21/2006	0.4 J	
NH-C02-681	NS			NS			NS			11/30/2006	ND (0.5)	
NH-C03-380	03/15/2006	1.3		06/21/2006	1.2		10/05/2006	1.3		12/05/2006	1.9	
NH-C03-580	03/15/2006	1.4		06/21/2006	0.6		NS			12/05/2006	0.4 J	
NH-C03-680	03/15/2006	0.6		NS			NS			12/05/2006	0.5 J	

TABLE 3-10
Summary of PCE Values - First, Second, Third, and Fourth Quarters 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	1st Qtr. Sample Date	1st Qtr. Value (µg/L)		2nd Qtr. Sample Date	2nd Qtr. Value (µg/L)		3rd Qtr. Sample Date	3rd Qtr. Value (µg/L)		4th Qtr. Sample Date	4th Qtr. Value (µg/L)	
NH-C03-800	NS			NS			NS			12/05/2006	ND (0.5)	
NH-C04-240	NS			NS			NS			12/06/2006	0.2 J	
NH-C04-375	NS			NS			NS			12/06/2006	ND (0.5)	
NH-C04-560	NS			NS			NS			12/06/2006	ND (0.5)	
NH-C05-320	NS			NS			NS			NS		
NH-C05-460	03/23/2006	1.1		07/07/2006	1.6		10/09/2006	1.5		12/20/2006	1.3 J	
NH-C06-160	03/15/2006	0.6		NS			10/06/2006	0.7		12/11/2006	0.7	
NH-C06-285	03/15/2006	3.8		06/23/2006	3.8		10/10/2006	**5.2**	+1	12/26/2006	4.3	-1
NH-C06-425	NS			NS			NS			12/11/2006	ND (0.5)	
NH-VPB-01	03/16/2006	**13**		06/22/2006	**13**		10/10/2006	**16**		12/27/2006	**12**	
NH-VPB-02	03/16/2006	1.6		NS			10/03/2006	**7.5**	+1	12/26/2006	**5.4**	
NH-VPB-03	NS			NS			NS			NS		
NH-VPB-04	NS			06/23/2006	ND (0.5)		10/06/2006	0.1 J	+1	11/30/2006	ND (0.5)	-1
NH-VPB-05	03/14/2006	0.3 J		06/21/2006	ND (0.5)	-1	10/09/2006	0.4 J	+1	12/27/2006	0.6 J	
NH-VPB-06	03/23/2006	2.1		06/21/2006	2.3		10/03/2006	2.4		12/11/2006	2.6	
NH-VPB-07	03/16/2006	1.8	-1	06/23/2006	1.8		10/05/2006	2		12/11/2006	1.7	
NH-VPB-08	NS			06/23/2006	3.4		10/09/2006	2.5		12/27/2006	2.4	
NH-VPB-09	NS			NS			NS			NS		
NH-VPB-10	NS			NS			NS			NS		
NH-VPB-11	NS			NS			NS			NS		
NH-VPB-12	NS			NS			NS			NS		
NH-VPB-13	NS			NS			NS			NS		
NH-VPB-14	NS			NS			NS			NS		
PO-C01-195	03/21/2006	0.8		07/06/2006	0.7		10/13/2006	0.9		01/05/2007	0.7	
PO-C01-354	NS			NS			NS			12/15/2006	ND (0.5)	
PO-C02-053	03/21/2006	1.3		NS			NS			12/18/2006	1.6	
PO-C02-205	NS			NS			NS			12/18/2006	0.5 J	
PO-C03-182	03/21/2006	1.1		NS			NS			12/15/2006	1.2	
PO-C03-235	NS			NS			NS			12/15/2006	1.1	
PO-VPB-01	03/20/2006	0.7		NS			NS			12/18/2006	0.6	
PO-VPB-02	03/28/2006	**140**	+1	07/11/2006	**90**	-1	10/13/2006	**140**	+1	01/05/2007	**77**	-1
PO-VPB-03	NS			06/27/2006	**5.9**	+1	10/16/2006	**7.4**		12/15/2006	**6.6**	
PO-VPB-04	NS			NS			NS			NS		
PO-VPB-05	NS			NS			NS			12/18/2006	ND (0.5)	-1
PO-VPB-06	NS			NS			NS			12/18/2006	0.2 J	+1
PO-VPB-07	03/24/2006	0.7		07/11/2006	0.9		10/17/2006	2.3 J		01/05/2007	0.6	
PO-VPB-08	NS			07/11/2006	4.1		10/05/2006	**5.6**	+1	12/18/2006	**5.9**	
PO-VPB-09	NS			NS			NS			NS		
PO-VPB-10	03/21/2006	ND (0.5)		07/06/2006	ND (0.5)		NS			12/14/2006	ND (0.5)	
PO-VPB-11	NS			NS			NS			NS		

TABLE 3-10
Summary of PCE Values - First, Second, Third, and Fourth Quarters 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	1st Qtr.		2nd Qtr.		3rd Qtr.		4th Qtr.	
	Sample Date	Value (µg/L)	Sample Date	Value (µg/L)	Sample Date	Value (µg/L)	Sample Date	Value (µg/L)
VD-VPB-01	03/21/2006	2.7	07/05/2006	2.2	10/04/2006	3.4	12/19/2006	4.3
VD-VPB-02	03/22/2006	1.7	07/06/2006	1.7	10/04/2006	2.4	12/19/2006	2.5
VD-VPB-03	03/22/2006	0.2 J	07/05/2006	0.3 J	10/04/2006	0.3 J	12/19/2006	0.2 J
VD-VPB-04	NS		NS		NS		NS	
VD-VPB-05	03/22/2006	0.5	07/05/2006	0.4 J	10/04/2006	0.4 J	12/19/2006	0.3 J
VD-VPB-06	03/22/2006	0.4 J	07/05/2006	0.3 J	10/04/2006	0.4 J	12/19/2006	0.4 J
VD-VPB-07	03/22/2006	ND (0.5) -1	NS		NS		12/19/2006	ND (0.5)

Notes:

ND (250): Not detected (reporting limit)
NS = Not sampled
J = Approximate concentration
+1 = value moved 1 concentration zone up from previous sampling
-1 = value moved 1 concentration zone down from previous sampling
Results greather than the MCL 5 µg/L are bolded

TABLE 3-11
Summary of Select VOCs Exceeding Thresholds - First Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	MCL	TCE (5 µg/L)	PCE (5 µg/L)	DCE11 (6 µg/L)	DCE12C (6 µg/L)	CTCL (0.5 µg/L)	DCA11 (5 µg/L)	DCA12 (0.5 µg/L)
CS-C01-105		5.8	--	--	--	--	--	--
CS-C01-285		210	140	--	--	1.6	--	--
CS-C02-062		21	11	--	--	--	--	--
CS-C02-180		13	5.2	--	--	--	--	--
CS-C02-250		130	61	--	--	1.2	--	--
CS-C02-335		290	210	--	--	1.1	--	--
CS-C03-100		140	14	15	--	--	--	--
CS-C03-465		10	--	--	--	--	--	--
CS-C04-290		17	9.3	--	--	--	--	--
CS-C04-382		26 E	19	--	--	--	--	--
CS-C05-160		290	11	13	--	2.9	--	0.96
CS-C05-290		16	14	--	--	--	--	--
CS-C06-185		8	--	--	--	--	--	--
CS-VPB-01		78	72	--	--	--	--	--
CS-VPB-03		7.4	--	7.6	--	--	--	--
CS-VPB-05		1900	64 J	220	--	9.7	15	2.9
CS-VPB-06		350	6.3 J	25	--	4.8 J	--	--
CS-VPB-07		5400	--	650	--	--	--	--
CS-VPB-09		--	11	--	--	--	--	--
CS-VPB-10		14	31	--	--	--	--	--
NH-C02-220		11	--	--	--	2	--	--
NH-C02-325		15	--	--	--	--	--	--
NH-C02-520		26	--	--	--	1.6	--	--
NH-C05-460		110	--	--	--	--	--	--
NH-C06-285		60	--	--	--	0.76	--	--
NH-VPB-01		30	13	--	--	1.1	--	--
NH-VPB-05		16	--	--	--	3.7	--	--
PO-C01-195		16	--	--	--	0.52	--	--
PO-VPB-02		230	140	15	--	--	--	--
PO-VPB-07		22	--	--	--	--	--	--

TABLE 3-11
Summary of Select VOCs Exceeding Thresholds - First Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Notes:

µg/L = micrograms per liter
MCL = California Department of Health Services Primary Maximum Contaminant Level

CTCL = Carbon tetrachloride
DCA11 = 1,1-Dichloroethane
DCA12 = 1,2-Dichloroethane
DCE11 = 1,1-Dichloroethene
DCE12C = cis-1,2-Dichloroethene
PCE = Tetrachloroethene
TCE = Trichloroethene

J = Approximate concentration
E = Concentration exceeds upper level of instrument calibration range

TABLE 3-12
Summary of Select VOCs Exceeding Thresholds - Second Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	MCL	TCE (5 µg/L)	PCE (5 µg/L)	DCE11 (6 µg/L)	DCE12C (6 µg/L)	CTCL (0.5 µg/L)	DCA11 (5 µg/L)	DCA12 (0.5 µg/L)
CS-C01-105		7.7	5.3	--	--	--	--	--
CS-C01-285		180	120	--	--	1.3	--	--
CS-C02-062		19	13	--	--	--	--	--
CS-C02-180		11	--	--	--	--	--	--
CS-C02-250		130	67	--	--	1.1	--	--
CS-C02-335		260	180	--	--	0.98 J	--	--
CS-C03-100		1300	92	95	8.7 J	6.2 J	9.6 J	--
CS-C03-465		11	--	--	--	--	--	--
CS-C04-290		16	9	--	--	--	--	--
CS-C04-382		21	19	--	--	--	--	--
CS-C05-160		250	9.6	12	--	2.6	--	0.86 J
CS-C05-290		14	13	--	--	--	--	--
CS-C06-185		6.7	--	--	--	--	--	--
CS-VPB-01		78	76	--	--	--	--	--
CS-VPB-03		6.2	--	6.5	--	--	--	--
CS-VPB-04	a	3300 J	130 J	270 J	27 J	6.6 J	21 J	1.6 J
CS-VPB-05		2100	58	160	32	7.2 J	19	--
CS-VPB-06		260	--	16	--	3.4	--	--
CS-VPB-07		4000	30	310	27	23	26	--
CS-VPB-08		100	210	--	--	--	--	--
CS-VPB-09		--	7.9	--	--	--	--	--
CS-VPB-10		12	24	--	--	--	--	--
CS-VPB-11		--	5.7	--	--	--	--	--
NH-C01-325		--	19	--	--	--	--	--
NH-C02-325		14	--	--	--	--	--	--
NH-C02-520		16	--	--	--	0.97	--	--
NH-C05-460		98	--	--	--	--	--	--
NH-C06-285		53 E	--	--	--	0.75	--	--
NH-VPB-01		27	13	--	--	1	--	--
NH-VPB-05		18	--	--	--	3.4	--	--
NH-VPB-08		10	--	--	--	--	--	--
PO-C01-195		13	--	--	--	--	--	--
PO-VPB-02		180	90	8.6	--	--	--	--
PO-VPB-03		10	5.9	--	--	--	--	--
PO-VPB-07		65	--	--	--	--	--	--
PO-VPB-08		6.4	--	--	--	--	--	--

TABLE 3-12
Summary of Select VOCs Exceeding Thresholds - Second Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Notes:

µg/L = micrograms per liter
MCL = California Department of Health Services Primary Maximum Contaminant Level

CTCL = Carbon tetrachloride
DCA11 = 1,1-Dichloroethane
DCA12 = 1,2-Dichloroethane
DCE11 = 1,1-Dichloroethene
DCE12C = cis-1,2-Dichloroethene
PCE = Tetrachloroethene
TCE = Trichloroethene

J = Approximate concentration
E = Concentration exceeds upper level of instrument calibration range
[a] CS-VPB-04 took two days to arrive at the lab. The temperature of the samples upon arrival was 11 degrees C which is outside the recommended criteria of 2 - 6 degrees C. Results are flagged as estimated (J).

TABLE 3-13
Summary of Select VOCs Exceeding Thresholds - Third Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

		TCE	PCE	DCE11	DCE12C	CTCL	DCA11	DCA12
Well ID	**MCL**	**(5 µg/L)**	**(5 µg/L)**	**(6 µg/L)**	**(6 µg/L)**	**(0.5 µg/L)**	**(5 µg/L)**	**(0.5 µg/L)**
CS-C01-105		15	11	--	--	--	--	--
CS-C01-285		210	170	--	--	2	--	--
CS-C02-062		24	18	--	--	--	--	--
CS-C02-180		12	5.3	--	--	--	--	--
CS-C02-250		150	96	--	--	1.7	--	--
CS-C02-335		340	270	--	--	1.4	--	--
CS-C03-100		1400	89	78	9.8	8.4	12	2
CS-C03-465		13	--	--	--	--	--	--
CS-C04-290		16	11	--	--	--	--	--
CS-C04-382		27	26	--	--	--	--	--
CS-C05-160		210	15	7.8 J	--	2.6 J	--	--
CS-C05-290		18	19	--	--	--	--	--
CS-C06-185		9	--	--	--	--	--	--
CS-VPB-01		88	100	--	--	0.52	--	--
CS-VPB-03		7	--	6.7	--	--	--	--
CS-VPB-04		4200	190 J	370	38	7.8	30	2.3
CS-VPB-05		1100	68	130	21	4.7	13	2.1
CS-VPB-06		310	7	15	--	4.6	--	--
CS-VPB-07		790	12 J	43	--	5.8	--	0.67
CS-VPB-08		110	290	--	--	--	--	--
CS-VPB-09		--	9.4	--	--	--	--	--
CS-VPB-10		14	37	--	--	--	--	--
CS-VPB-11		--	10	--	--	--	--	--
NH-C01-325		--	27	--	--	--	--	--
NH-C02-220		8	--	--	--	1.7	--	--
NH-C02-325		15	--	--	--	--	--	--
NH-C02-520		14	--	--	--	0.83	--	--
NH-C05-460		84	--	--	--	--	--	--
NH-C06-285		47	5.2	--	--	0.79	--	--
NH-VPB-01		23	16	--	--	1.1	--	--
NH-VPB-02		--	7.5	--	--	--	--	--
NH-VPB-05		21	--	--	--	3.7	--	--
PO-C01-195		16	--	--	--	--	--	--
PO-VPB-02		260	140	9.5	--	0.54	--	--
PO-VPB-03		11	7.4	--	--	--	--	--
PO-VPB-07		89	--	--	--	--	--	--
PO-VPB-08		8.7	5.6	--	--	--	--	--

TABLE 3-13
Summary of Select VOCs Exceeding Thresholds - Third Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Notes:

µg/L = micrograms per liter
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DCA11 = 1,1-Dichloroethane
DCA12 = 1,2-Dichloroethane
DCE11 = 1,1-Dichloroethene
DCE12C = cis-1,2-Dichloroethene
PCE = Tetrachloroethene
TCE = Trichloroethene

J = Approximate concentration

TABLE 3-14
Summary of Select VOCs Exceeding Thresholds - Fourth Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

		TCE	PCE	DCE11	DCE12C	CTCL	DCA11	DCA12
Well ID	**MCL**	**(5 µg/L)**	**(5 µg/L)**	**(6 µg/L)**	**(6 µg/L)**	**(0.5 µg/L)**	**(5 µg/L)**	**(0.5 µg/L)**
CS-C01-105		18	12	--	--	--	--	--
CS-C01-285		150	110	--	--	2 J	--	--
CS-C02-062		21	14	--	--	--	--	--
CS-C02-180		10	--	--	--	--	--	--
CS-C02-250		130	75	--	--	1.7 J	--	--
CS-C02-335		280	200	--	--	1.7 J	--	--
CS-C03-100		1200	100	260	9.9	11	13	--
CS-C03-465		12	--	--	--	--	--	--
CS-C04-290		18	11	--	--	--	--	--
CS-C04-382		25	22	--	--	--	--	--
CS-C05-160		130	10	--	--	1.6 J	--	--
CS-C05-290		16	17	--	--	--	--	--
CS-C06-185		7.2	--	--	--	--	--	--
CS-VPB-01		78	85	--	--	--	--	--
CS-VPB-03		6.7	--	9.4	--	--	--	--
CS-VPB-04		3000	160	690	47	11	36	--
CS-VPB-05		400	30	130	16 J	2.8 J	9.5 J	--
CS-VPB-06		220	5.6	32	--	4.1 J	--	--
CS-VPB-07		390	11 J	56	--	4.3 J	--	--
CS-VPB-08		85	230	--	--	--	--	--
CS-VPB-09		--	7.4	--	--	--	--	--
CS-VPB-10		12	30	--	--	--	--	--
CS-VPB-11		--	8.6	--	--	--	--	--
NH-C01-325		--	28	--	--	--	--	--
NH-C02-220		8.6	--	--	--	2	--	--
NH-C02-325		11	--	--	--	--	--	--
NH-C02-520		9.7	--	--	--	0.72	--	--
NH-C05-460		69	--	--	--	--	--	--
NH-C06-285		43	--	--	--	0.85	--	--
NH-VPB-01		21	12	--	--	1.1	--	--
NH-VPB-02		--	5.4	--	--	--	--	--
NH-VPB-05		23	--	--	--	4.8	--	--
PO-C01-195		13	--	--	--	--	--	--
PO-VPB-02		170	77	18	--	0.54 J	--	--
PO-VPB-03		12	6.6	--	--	--	--	--
PO-VPB-07		20	--	--	--	--	--	--
PO-VPB-08		7.5	5.9	--	--	--	--	--

TABLE 3-14
Summary of Select VOCs Exceeding Thresholds - Fourth Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Notes:

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CTCL = Carbon tetrachloride
DCA11 = 1,1-Dichloroethane
DCA12 = 1,2-Dichloroethane
DCE11 = 1,1-Dichloroethene
DCE12C = cis-1,2-Dichloroethene
PCE = Tetrachloroethene
TCE = Trichloroethene

J = Approximate concentration

TABLE 3-15
Maximum and Minimum Detected Nitrate Values - First Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Current Date	Current Value (mg/L)	Previous Value (mg/L)	Change	Previous Date	Minimum Detected Value (mg/L)	Maximum Value (mg/L)	Date of Maximum Value
CS-C01-105	3/15/2006	**75.7**	**133.5**		12/22/2005	1.1 J	**133.5**	12/22/2005
CS-C01-285	3/27/2006	23.1	23.6		12/22/2005	23.1	**71.6 J**	5/4/1992
CS-C01-558	NS	NS	2.7		12/15/2005	2.4	3.0 J	5/4/1992
CS-C02-062	3/24/2006	**53.4 J**	**49.0**		12/27/2005	14.2	**71.2**	5/22/1990
CS-C02-180	3/24/2006	13.8 J	13.4		12/27/2005	4.2	43.6	5/21/1990
CS-C02-250	3/24/2006	21.4 J	20.5		12/27/2005	6.2	44.5	3/15/2004
CS-C02-335	3/24/2006	34.7 J	34.7		12/27/2005	11.6	**49.0**	11/20/1992
CS-C03-100	3/27/2006	**49.0**	**49.0**		1/3/2006	15.6	**59.2**	3/8/2001
CS-C03-325	NS	NS	1.2		12/16/2005	1.2	9.8	12/2/2004
CS-C03-465	3/17/2006	4.5	4.9		1/3/2006	3.5	36.5	3/15/2004
CS-C03-550	NS	NS	11.1		12/16/2005	0.9	11.1	12/16/2005
CS-C04-290	3/17/2006	10.7	11.1		12/29/2005	10.2	33.4	6/9/2000
CS-C04-382	3/17/2006	8.9	9.3		12/29/2005	5.8	19.6	5/25/1990
CS-C04-520	NS	NS	1.2		12/16/2005	0.9 J	1.5 J	5/7/1992
CS-C05-160	3/17/2006	30.7	28.9		12/28/2005	4.9	30.7	6/16/2005
CS-C05-290	3/17/2006	7.6	7.1		12/28/2005	3.8	23.6	3/28/1991
CS-C06-185	3/20/2006	9.3	9.3		12/29/2005	6.9	14.2	5/15/1990
CS-C06-278	NS	NS	ND (0.445)		12/16/2005	0.0 J	8.9	12/12/2000
CS-VPB-01	3/24/2006	40.9 J	40.9		12/28/2005	37.0	**48.1**	3/8/2001
CS-VPB-02	NS	NS	43.2		12/16/2005	32.9	**68.1**	6/12/2000
CS-VPB-03	3/17/2006	14.7	14.2		12/28/2005	4.9	15.6	6/14/2005
CS-VPB-04	NS	NS	**53.4**		12/29/2005	1.7	**58.7**	8/5/1992
CS-VPB-05	3/27/2006	**57.9**	**53.4**		12/28/2005	31.3	**63.6**	6/5/2002
CS-VPB-06	3/27/2006	39.2	39.6		12/29/2005	4.6	**53.4**	5/15/1990
CS-VPB-07	3/28/2006	29.4	26.3		12/28/2005	26.3	38.9	3/9/2001
CS-VPB-08	NS	NS	40.9		12/29/2005	10.2	**48.6 J**	12/3/1999
CS-VPB-09	3/20/2006	**53.4**	**53.4**		12/16/2005	30.4	**55.6**	12/19/2000
CS-VPB-10	3/20/2006	**57.9**	**57.9**		12/29/2005	29.0	**61.9 J**	5/13/1992
CS-VPB-11	NS	NS	**54.5**		1/6/2003	6.1 J	**72.1**	5/13/1992
NH-C01-325	NS	NS	**57.9**		3/15/2005	9.3	**133.5 J**	9/21/2001
NH-C01-450	NS	NS	13.4		12/10/2001	6.5	13.8	12/18/2000
NH-C01-660	NS	NS	8.5		12/13/2005	8.5	10.1 J	4/30/1992
NH-C01-780	NS	NS	7.1		12/13/2005	6.7	10.3 J	4/30/1992
NH-C02-220	3/23/2006	**49.0**	**53.4**		6/13/2001	33.4	**63.6**	8/15/1990
NH-C02-325	3/14/2006	19.1	18.2		12/22/2005	16.5	**54.7**	11/15/1993
NH-C02-520	3/23/2006	20.5	30.7		12/22/2005	4.5	**76.5**	3/7/2001
NH-C02-681	NS	NS	1.7		12/14/2005	1.5	3.3 J	5/2/1992
NH-C03-380	3/15/2006	8.5	7.1		12/14/2005	5.3	40.9	6/7/2000
NH-C03-580	3/15/2006	9.3	11.1		12/21/2005	8.9	44.5	5/23/1990
NH-C03-680	3/15/2006	5.8	4.9		12/14/2005	2.0	10.7	12/12/2001
NH-C03-800	NS	NS	2.3		12/13/2005	2.3	4.5	1/11/2000

TABLE 3-15
Maximum and Minimum Detected Nitrate Values - First Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Current Date	Current Value (mg/L)	Previous Value (mg/L)	Change	Previous Date	Minimum Detected Value (mg/L)	Maximum Value (mg/L)	Date of Maximum Value
NH-C04-240	NS	NS	24.5		12/15/2005	7.7	24.5	12/15/2005
NH-C04-375	NS	NS	20.5		12/15/2005	2.2	**71.2**	3/21/1991
NH-C04-560	NS	NS	ND (0.445)		12/15/2005	0.2	1.9 J	5/3/1992
NH-C05-320	NS	NS	**73.0**		12/4/2000	**62.7**	**89.0**	1/30/1991
NH-C05-460	3/23/2006	17.4	17.8		12/21/2005	5.3	21.4	11/11/1992
NH-C06-160	3/15/2006	**80.1**	**80.1**		12/15/2005	**52.1**	**106.8**	12/6/2003
NH-C06-285	3/15/2006	42.3	41.4		12/21/2005	22.3	41.8	9/15/2005
NH-C06-425	NS	NS	12.0		12/15/2005	4.5	13.4	11/17/1992
NH-VPB-01	3/16/2006	**49.0**	**49.0**		12/27/2005	37.4	**67.2 J**	5/4/1992
NH-VPB-02	3/16/2006	**62.3**	**80.1**	-1	9/10/2003	32.9	**80.1**	9/10/2003
NH-VPB-03	NS	NS	**66.8**		6/3/2003	43.2	**66.8**	6/3/2003
NH-VPB-04	NS	NS	44.5		12/13/2001	38.7	**53.4**	6/23/1998
NH-VPB-05	3/14/2006	**71.2**	**71.2**		12/14/2005	18.2	**107.7**	9/14/2000
NH-VPB-06	3/23/2006	**66.8**	**65.4**		6/15/1998	36.9	**98.8**	12/18/1996
NH-VPB-07	3/16/2006	**57.9**	**56.6 J**		12/1/1999	2.6	**56.6 J**	12/1/1999
NH-VPB-08	NS	NS	18.2		12/14/2005	9.6	**49.0**	1/30/1992
NH-VPB-09	NS	NS	8.4		3/6/2001	3.6	37.2	6/6/2000
NH-VPB-10	NS	NS	1.1		12/22/2005	0.8	17.8	11/12/1992
NH-VPB-11	NS	NS	4.5		6/22/1998	1.5	15.1	10/19/1994
NH-VPB-12	NS	NS	44.5		12/13/2001	20.0	44.5	12/13/2001
NH-VPB-13	NS	NS	6.7		12/4/1995	6.7	**101.5**	9/6/1990
NH-VPB-14	NS	NS	**51.2**		3/15/2000	30.3	**73.0**	5/10/1995
PO-C01-195	3/21/2006	25.8	25.4		1/3/2006	24.5	35.1	8/29/1990
PO-C01-354	NS	NS	ND (0.445)		12/20/2005	ND (0.445)	ND (0.445)	12/20/2005
PO-C02-053	3/21/2006	36.0	36.5		12/19/2005	11.3	**71.2**	6/13/2000
PO-C02-205	NS	NS	23.6		12/19/2005	19.1	27.1	12/20/2000
PO-C03-182	3/21/2006	31.6	30.7		12/19/2005	15.9	**50.3**	10/28/1994
PO-C03-235	NS	NS	25.8		12/19/2005	8.0	30.3	6/12/2003
PO-VPB-01	3/20/2006	40.1	38.3		12/19/2005	36.8	**48.5**	10/3/1990
PO-VPB-02	3/28/2006	**53.4**	**53.4**		1/3/2006	37.6	**71.6**	8/27/1990
PO-VPB-03	NS	NS	**49.0**		3/24/2005	21.8	**59.0**	6/7/2002
PO-VPB-04	NS	NS	ND (0.445) J		12/4/1992	1.8	1.8	11/14/1989
PO-VPB-05	NS	NS	14.7		12/20/2005	1.8	24.5	10/7/1998
PO-VPB-06	NS	NS	12.0		12/19/2005	2.4 J	19.6	12/15/2000
PO-VPB-07	3/24/2006	44.5 J	**49.0**	-1	1/3/2006	34.3	**175.3**	9/20/2000
PO-VPB-08	NS	NS	12.5		1/3/2006	3.9	18.2	9/28/2004
PO-VPB-09	NS	NS	1.5		8/19/1993	1.5	1.5	11/15/1989
PO-VPB-10	3/21/2006	**80.1**	**84.6**		12/17/2003	**53.4**	**84.6**	12/17/2003
PO-VPB-11	NS	NS	ND (1.76)		9/20/1990	2.8	2.8	11/16/1989
VD-VPB-01	3/21/2006	**53.4 J**	**57.9**		12/2/2005	**51.6**	**80.5**	1/27/1995
VD-VPB-02	3/22/2006	44.5 J	44.5		12/20/2005	39.2	**72.1**	5/6/1992

TABLE 3-15
Maximum and Minimum Detected Nitrate Values - First Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Current Date	Current Value (mg/L)	Previous Value (mg/L)	Change	Previous Date	Minimum Detected Value (mg/L)	Maximum Value (mg/L)	Date of Maximum Value
VD-VPB-03	3/22/2006	25.8	25.8		12/20/2005	12.9	34.7	5/11/1993
VD-VPB-04	NS	NS	24.5		9/11/2003	4.9 J	35.2 J	2/27/1991
VD-VPB-05	3/22/2006	**53.4 J**	44.0	+1	9/9/2002	38.3 J	**86.8**	8/11/1993
VD-VPB-06	3/22/2006	**66.8 J**	**57.9**	+1	12/20/2005	31.2	**67.2**	11/1/1994
VD-VPB-07	3/22/2006	20.5 J	25.4		12/20/2005	9.3	**47.6**	8/10/1992

Notes:

Results greater than the MCL 45 mg/L are bolded.
NS = Not sampled
ND (250) = Not detected (reporting limit)
µg/L = Micrograms per liter
J = Approximate concentration
+1 = Value moved 1 concentration zone up from previous sample date.
-1 = Value moved 1 concentration zone down from previous sample date.

TABLE 3-16
Maximum and Minimum Detected Nitrate Values - Second Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Current Date	Current Value (mg/L)	Previous Value (mg/L)	Change	Previous Date	Minimum Detected Value (mg/L)	Maximum Value (mg/L)	Date of Maximum Value
CS-C01-105	7/10/2006	**97.9**	**75.7**		3/15/2006	1.1 J	**133.5**	12/22/2005
CS-C01-285	7/10/2006	24.0	23.1		3/27/2006	23.1	**71.6 J**	5/4/1992
CS-C01-558	NS	NS	2.7		12/15/2005	2.4	3.0 J	5/4/1992
CS-C02-062	7/11/2006	**53.4**	**53.4 J**		3/24/2006	14.2	**71.2**	5/22/1990
CS-C02-180	7/11/2006	14.2	13.8 J		3/24/2006	4.2	43.6	5/21/1990
CS-C02-250	7/11/2006	21.8	21.4 J		3/24/2006	6.2	44.5	3/15/2004
CS-C02-335	7/11/2006	34.3	34.7 J		3/24/2006	11.6	**49.0**	11/20/1992
CS-C03-100	7/10/2006	**49.0**	**49.0**		3/27/2006	15.6	**59.2**	3/8/2001
CS-C03-325	NS	NS	1.2		12/16/2005	1.2	9.8	12/2/2004
CS-C03-465	6/27/2006	4.9	4.5		3/17/2006	3.5	36.5	3/15/2004
CS-C03-550	NS	NS	11.1		12/16/2005	0.9	11.1	12/16/2005
CS-C04-290	7/6/2006	11.1	10.7		3/17/2006	10.2	33.4	6/9/2000
CS-C04-382	7/6/2006	8.9	8.9		3/17/2006	5.8	19.6	5/25/1990
CS-C04-520	NS	NS	1.2		12/16/2005	0.9 J	1.5 J	5/7/1992
CS-C05-160	7/5/2006	32.0	30.7		3/17/2006	4.9	30.7	3/17/2006
CS-C05-290	7/5/2006	8.0	7.6		3/17/2006	3.8	23.6	3/28/1991
CS-C06-185	7/6/2006	8.9	9.3		3/20/2006	6.9	14.2	5/15/1990
CS-C06-278	NS	NS	ND (0.445)		12/16/2005	0.0 J	8.9	12/12/2000
CS-VPB-01	7/11/2006	42.3	40.9 J		3/24/2006	37.0	**48.1**	3/8/2001
CS-VPB-02	NS	NS	43.2		12/16/2005	32.9	**68.1**	6/12/2000
CS-VPB-03	6/27/2006	15.6	14.7		3/17/2006	4.9	15.6	6/14/2005
CS-VPB-04	7/19/2006	**53.4 J**	**53.4**		12/29/2005	1.7	**58.7**	8/5/1992
CS-VPB-05	7/10/2006	**57.9**	**57.9**		3/27/2006	31.3	**63.6**	6/5/2002
CS-VPB-06	7/11/2006	40.9	39.2		3/27/2006	4.6	**53.4**	5/15/1990
CS-VPB-07	7/11/2006	35.2	29.4		3/28/2006	26.3	38.9	3/9/2001
CS-VPB-08	7/10/2006	44.5	40.9		12/29/2005	10.2	**48.6 J**	12/3/1999
CS-VPB-09	6/27/2006	**53.4**	**53.4**		3/20/2006	30.4	**55.6**	12/19/2000
CS-VPB-10	7/5/2006	**62.3**	**57.9**		3/20/2006	29.0	**61.9 J**	5/13/1992
CS-VPB-11	7/6/2006	**49.0**	**54.5**		1/6/2003	6.1 J	**72.1**	5/13/1992
NH-C01-325	7/7/2006	**71.2**	**57.9**	+1	3/15/2005	9.3	**133.5 J**	9/21/2001
NH-C01-450	NS	NS	13.4		12/10/2001	6.5	13.8	12/18/2000
NH-C01-660	NS	NS	8.5		12/13/2005	8.5	10.1 J	4/30/1992
NH-C01-780	NS	NS	7.1		12/13/2005	6.7	10.3 J	4/30/1992
NH-C02-220	NS	NS	**49.0**		3/23/2006	33.4	**63.6**	8/15/1990
NH-C02-325	7/7/2006	21.8	19.1	+1	3/14/2006	16.5	**54.7**	11/15/1993
NH-C02-520	7/7/2006	13.8	20.5	-1	3/23/2006	4.5	**76.5**	3/7/2001
NH-C02-681	NS	NS	1.7		12/14/2005	1.5	3.3 J	5/2/1992
NH-C03-380	6/21/2006	7.6	8.5		3/15/2006	5.3	40.9	6/7/2000
NH-C03-580	6/21/2006	8.5	9.3		3/15/2006	8.5	44.5	5/23/1990
NH-C03-680	NS	NS	5.8		3/15/2006	2.0	10.7	12/12/2001
NH-C03-800	NS	NS	2.3		12/13/2005	2.3	4.5	1/11/2000

TABLE 3-16
Maximum and Minimum Detected Nitrate Values - Second Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Current Date	Current Value (mg/L)	Previous Value (mg/L)	Change	Previous Date	Minimum Detected Value (mg/L)	Maximum Value (mg/L)	Date of Maximum Value
NH-C04-240	NS	NS	24.5		12/15/2005	7.7	24.5	12/15/2005
NH-C04-375	NS	NS	20.5		12/15/2005	2.2	**71.2**	3/21/1991
NH-C04-560	NS	NS	ND (0.445)		12/15/2005	0.2	1.9 J	5/3/1992
NH-C05-320	NS	NS	**73.0**		12/4/2000	**62.7**	**89.0**	1/30/1991
NH-C05-460	7/7/2006	30.7	17.4	+1	3/23/2006	5.3	21.4	11/11/1992
NH-C06-160	NS	NS	**80.1**		3/15/2006	**52.1**	**106.8**	12/6/2003
NH-C06-285	6/23/2006	44.1	42.3		3/15/2006	22.3	42.3	3/15/2006
NH-C06-425	NS	NS	12.0		12/15/2005	4.5	13.4	11/17/1992
NH-VPB-01	6/22/2006	**49.0**	**49.0**		3/16/2006	37.4	**67.2 J**	5/4/1992
NH-VPB-02	NS	NS	**62.3**		3/16/2006	32.9	**80.1**	9/10/2003
NH-VPB-03	NS	NS	**66.8**		6/3/2003	43.2	**66.8**	6/3/2003
NH-VPB-04	6/23/2006	44.5	44.5		12/13/2001	38.7	**53.4**	6/23/1998
NH-VPB-05	6/21/2006	**75.7**	**71.2**		3/14/2006	18.2	**107.7**	9/14/2000
NH-VPB-06	6/21/2006	**71.2**	**66.8**		3/23/2006	36.9	**98.8**	12/18/1996
NH-VPB-07	6/23/2006	**57.9**	**57.9**		3/16/2006	2.6	**57.9**	3/16/2006
NH-VPB-08	6/23/2006	20.0	18.2	+1	12/14/2005	9.6	**49.0**	1/30/1992
NH-VPB-09	NS	NS	8.4		3/6/2001	3.6	37.2	6/6/2000
NH-VPB-10	NS	NS	1.1		12/22/2005	0.8	17.8	11/12/1992
NH-VPB-11	NS	NS	4.5		6/22/1998	1.5	15.1	10/19/1994
NH-VPB-12	NS	NS	44.5		12/13/2001	20.0	44.5	12/13/2001
NH-VPB-13	NS	NS	6.7		12/4/1995	6.7	**101.5**	9/6/1990
NH-VPB-14	NS	NS	**51.2**		3/15/2000	30.3	**73.0**	5/10/1995
PO-C01-195	7/6/2006	24.9	25.8		3/21/2006	24.5	35.1	8/29/1990
PO-C01-354	NS	NS	ND (0.445)		12/20/2005	ND (0.445)	ND (0.445)	12/20/2005
PO-C02-053	NS	NS	36.0		3/21/2006	11.3	**71.2**	6/13/2000
PO-C02-205	NS	NS	23.6		12/19/2005	19.1	27.1	12/20/2000
PO-C03-182	NS	NS	31.6		3/21/2006	15.9	**50.3**	10/28/1994
PO-C03-235	NS	NS	25.8		12/19/2005	8.0	30.3	6/12/2003
PO-VPB-01	NS	NS	40.1		3/20/2006	36.8	**48.5**	10/3/1990
PO-VPB-02	7/11/2006	**53.4**	**53.4**		3/28/2006	37.6	**71.6**	8/27/1990
PO-VPB-03	6/27/2006	**53.4**	**49.0**		3/24/2005	21.8	**59.0**	6/7/2002
PO-VPB-04	NS	NS	ND (0.445) J		12/4/1992	1.8	1.8	11/14/1989
PO-VPB-05	NS	NS	14.7		12/20/2005	1.8	24.5	10/7/1998
PO-VPB-06	NS	NS	12.0		12/19/2005	2.4 J	19.6	12/15/2000
PO-VPB-07	7/11/2006	**57.9**	44.5 J	+1	3/24/2006	34.3	**175.3**	9/20/2000
PO-VPB-08	7/11/2006	12.9	12.5		1/3/2006	3.9	18.2	9/28/2004
PO-VPB-09	NS	NS	1.5		8/19/1993	1.5	1.5	11/15/1989
PO-VPB-10	7/6/2006	**80.1**	**80.1**		3/21/2006	**53.4**	**84.6**	12/17/2003
PO-VPB-11	NS	NS	ND (1.76)		9/20/1990	2.8	2.8	11/16/1989
VD-VPB-01	7/5/2006	**57.9**	**53.4 J**		3/21/2006	**51.6**	**80.5**	1/27/1995
VD-VPB-02	7/6/2006	**53.4**	44.5 J	+1	3/22/2006	39.2	**72.1**	5/6/1992

TABLE 3-16
Maximum and Minimum Detected Nitrate Values - Second Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Current Date	Current Value (mg/L)	Previous Value (mg/L)	Change	Previous Date	Minimum Detected Value (mg/L)	Maximum Value (mg/L)	Date of Maximum Value
VD-VPB-03	7/5/2006	26.7	25.8		3/22/2006	12.9	34.7	5/11/1993
VD-VPB-04	NS	NS	24.5		9/11/2003	4.9 J	35.2 J	2/27/1991
VD-VPB-05	7/5/2006	**53.4**	**53.4 J**		3/22/2006	38.3 J	**86.8**	8/11/1993
VD-VPB-06	7/5/2006	**71.2**	**66.8 J**		3/22/2006	31.2	**67.2**	11/1/1994
VD-VPB-07	NS	NS	20.5 J		3/22/2006	9.3	**47.6**	8/10/1992

Notes:

Results greater than the MCL 45 mg/L are bolded.
NS = Not sampled
ND (250) = Not detected (reporting limit)
µg/L = Micrograms per liter
J = Approximate concentration
+1 = Value moved 1 concentration zone up from previous sample date.
-1 = Value moved 1 concentration zone down from previous sample date.

TABLE 3-17
Maximum and Minimum Detected Nitrate Values - Third Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Current Date	Current Value (mg/L)	Previous Value (mg/L)	Change	Previous Date	Minimum Detected Value (mg/L)	Maximum Value (mg/L)	Date of Maximum Value
CS-C01-105	10/13/2006	**80.1**	**97.9**		7/10/2006	1.1 J	**133.5**	12/22/2005
CS-C01-285	10/13/2006	23.1	24.0		7/10/2006	23.1	**71.6 J**	5/4/1992
CS-C01-558	NS	NS	2.7		12/15/2005	2.4	3.0 J	5/4/1992
CS-C02-062	10/16/2006	**49.0**	**53.4**		7/11/2006	14.2	**71.2**	5/22/1990
CS-C02-180	10/16/2006	13.4	14.2		7/11/2006	4.2	43.6	5/21/1990
CS-C02-250	10/16/2006	20.5	21.8		7/11/2006	6.2	44.5	3/15/2004
CS-C02-335	10/16/2006	32.0	34.3		7/11/2006	11.6	**49.0**	11/20/1992
CS-C03-100	10/11/2006	**49.0**	**49.0**		7/10/2006	15.6	**59.2**	3/8/2001
CS-C03-325	NS	NS	1.2		12/16/2005	1.2	9.8	12/2/2004
CS-C03-465	10/11/2006	5.3	4.9		6/27/2006	3.5	36.5	3/15/2004
CS-C03-550	NS	NS	11.1		12/16/2005	0.9	11.1	12/16/2005
CS-C04-290	10/11/2006	11.1	11.1		7/6/2006	10.2	33.4	6/9/2000
CS-C04-382	10/11/2006	8.9	8.9		7/6/2006	5.8	19.6	5/25/1990
CS-C04-520	NS	NS	1.2		12/16/2005	0.9 J	1.5 J	5/7/1992
CS-C05-160	10/13/2006	26.7	32.0		7/5/2006	4.9	32.0	7/5/2006
CS-C05-290	10/13/2006	7.6	8.0		7/5/2006	3.8	23.6	3/28/1991
CS-C06-185	10/12/2006	8.9	8.9		7/6/2006	6.9	14.2	5/15/1990
CS-C06-278	NS	NS	ND (0.445)		12/16/2005	0.0 J	8.9	12/12/2000
CS-VPB-01	10/9/2006	40.9	42.3		7/11/2006	37.0	**48.1**	3/8/2001
CS-VPB-02	10/10/2006	**49.0**	43.2	+1	12/16/2005	32.9	**68.1**	6/12/2000
CS-VPB-03	10/17/2006	15.6	15.6		6/27/2006	4.9	15.6	6/27/2006
CS-VPB-04	10/11/2006	**53.4**	**53.4 J**		7/19/2006	1.7	**58.7**	8/5/1992
CS-VPB-05	10/13/2006	**53.4**	**57.9**		7/10/2006	31.3	**63.6**	6/5/2002
CS-VPB-06	10/12/2006	39.6	40.9		7/11/2006	4.6	**53.4**	5/15/1990
CS-VPB-07	10/11/2006	**53.4**	35.2	+1	7/11/2006	26.3	38.9	3/9/2001
CS-VPB-08	10/12/2006	43.6	44.5		7/10/2006	10.2	**48.6 J**	12/3/1999
CS-VPB-09	10/16/2006	**49.0**	**53.4**		6/27/2006	30.4	**55.6**	12/19/2000
CS-VPB-10	10/12/2006	**57.9**	**62.3**		7/5/2006	29.0	**62.3**	7/5/2006
CS-VPB-11	10/17/2006	**49.0**	**49.0**		7/6/2006	6.1 J	**72.1**	5/13/1992
NH-C01-325	10/3/2006	**62.3**	**71.2**	-1	7/7/2006	9.3	**133.5 J**	9/21/2001
NH-C01-450	NS	NS	13.4		12/10/2001	6.5	13.8	12/18/2000
NH-C01-660	NS	NS	8.5		12/13/2005	8.5	10.1 J	4/30/1992
NH-C01-780	NS	NS	7.1		12/13/2005	6.7	10.3 J	4/30/1992
NH-C02-220	10/6/2006	**62.3**	**49.0**		3/23/2006	33.4	**63.6**	8/15/1990
NH-C02-325	10/9/2006	21.8	21.8		7/7/2006	16.5	**54.7**	11/15/1993
NH-C02-520	10/9/2006	12.9	13.8		7/7/2006	4.5	**76.5**	3/7/2001
NH-C02-681	NS	NS	1.7		12/14/2005	1.5	3.3 J	5/2/1992
NH-C03-380	10/5/2006	7.1	7.6		6/21/2006	5.3	40.9	6/7/2000
NH-C03-580	NS	NS	8.5		6/21/2006	8.5	44.5	5/23/1990
NH-C03-680	NS	NS	5.8		3/15/2006	2.0	10.7	12/12/2001
NH-C03-800	NS	NS	2.3		12/13/2005	2.3	4.5	1/11/2000

TABLE 3-17
Maximum and Minimum Detected Nitrate Values - Third Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Current Date	Current Value (mg/L)	Previous Value (mg/L)	Change	Previous Date	Minimum Detected Value (mg/L)	Maximum Value (mg/L)	Date of Maximum Value
NH-C04-240	NS	NS	24.5		12/15/2005	7.7	24.5	12/15/2005
NH-C04-375	NS	NS	20.5		12/15/2005	2.2	**71.2**	3/21/1991
NH-C04-560	NS	NS	ND (0.445)		12/15/2005	0.2	1.9 J	5/3/1992
NH-C05-320	NS	NS	**73.0**		12/4/2000	**62.7**	**89.0**	1/30/1991
NH-C05-460	10/9/2006	35.2	30.7		7/7/2006	5.3	30.7	7/7/2006
NH-C06-160	10/6/2006	**80.1**	**80.1**		3/15/2006	**52.1**	**106.8**	12/6/2003
NH-C06-285	10/10/2006	44.1	44.1		6/23/2006	22.3	44.1	6/23/2006
NH-C06-425	NS	NS	12.0		12/15/2005	4.5	13.4	11/17/1992
NH-VPB-01	10/10/2006	44.5	**49.0**	-1	6/22/2006	37.4	**67.2 J**	5/4/1992
NH-VPB-02	10/3/2006	**62.3**	**62.3**		3/16/2006	32.9	**80.1**	9/10/2003
NH-VPB-03	NS	NS	**66.8**		6/3/2003	43.2	**66.8**	6/3/2003
NH-VPB-04	10/6/2006	**57.9**	44.5	+1	6/23/2006	38.7	**53.4**	6/23/1998
NH-VPB-05	10/9/2006	**71.2**	**75.7**		6/21/2006	18.2	**107.7**	9/14/2000
NH-VPB-06	10/3/2006	**71.2**	**71.2**		6/21/2006	36.9	**98.8**	12/18/1996
NH-VPB-07	10/5/2006	**53.4**	**57.9**		6/23/2006	2.6	**57.9**	6/23/2006
NH-VPB-08	10/9/2006	34.7	20.0		6/23/2006	9.6	**49.0**	1/30/1992
NH-VPB-09	NS	NS	8.4		3/6/2001	3.6	37.2	6/6/2000
NH-VPB-10	NS	NS	1.1		12/22/2005	0.8	17.8	11/12/1992
NH-VPB-11	NS	NS	4.5		6/22/1998	1.5	15.1	10/19/1994
NH-VPB-12	NS	NS	44.5		12/13/2001	20.0	44.5	12/13/2001
NH-VPB-13	NS	NS	6.7		12/4/1995	6.7	**101.5**	9/6/1990
NH-VPB-14	NS	NS	**51.2**		3/15/2000	30.3	**73.0**	5/10/1995
PO-C01-195	10/13/2006	24.0	24.9		7/6/2006	24.5	35.1	8/29/1990
PO-C01-354	NS	NS	ND (0.445)		12/20/2005	ND (0.445)	ND (0.445)	12/20/2005
PO-C02-053	NS	NS	36.0		3/21/2006	11.3	**71.2**	6/13/2000
PO-C02-205	NS	NS	23.6		12/19/2005	19.1	27.1	12/20/2000
PO-C03-182	NS	NS	31.6		3/21/2006	15.9	**50.3**	10/28/1994
PO-C03-235	NS	NS	25.8		12/19/2005	8.0	30.3	6/12/2003
PO-VPB-01	NS	NS	40.1		3/20/2006	36.8	**48.5**	10/3/1990
PO-VPB-02	10/13/2006	**53.4**	**53.4**		7/11/2006	37.6	**71.6**	8/27/1990
PO-VPB-03	10/16/2006	**53.4**	**53.4**		6/27/2006	21.8	**59.0**	6/7/2002
PO-VPB-04	NS	NS	ND (0.445) J		12/4/1992	1.8	1.8	11/14/1989
PO-VPB-05	NS	NS	14.7		12/20/2005	1.8	24.5	10/7/1998
PO-VPB-06	NS	NS	12.0		12/19/2005	2.4 J	19.6	12/15/2000
PO-VPB-07	10/17/2006	**57.9**	**57.9**		7/11/2006	34.3	**175.3**	9/20/2000
PO-VPB-08	10/5/2006	12.5	12.9		7/11/2006	3.9	18.2	9/28/2004
PO-VPB-09	NS	NS	1.5		8/19/1993	1.5	1.5	11/15/1989
PO-VPB-10	NS	NS	**80.1**		7/6/2006	**53.4**	**84.6**	12/17/2003
PO-VPB-11	NS	NS	ND (1.76)		9/20/1990	2.8	2.8	11/16/1989
VD-VPB-01	10/4/2006	**53.4**	**57.9**		7/5/2006	**51.6**	**80.5**	1/27/1995
VD-VPB-02	10/4/2006	**53.4**	**53.4**		7/6/2006	39.2	**72.1**	5/6/1992

TABLE 3-17
Maximum and Minimum Detected Nitrate Values - Third Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Current Date	Current Value (mg/L)	Previous Value (mg/L)	Change	Previous Date	Minimum Detected Value (mg/L)	Maximum Value (mg/L)	Date of Maximum Value
VD-VPB-03	10/4/2006	24.5	26.7		7/5/2006	12.9	34.7	5/11/1993
VD-VPB-04	NS	NS	24.5		9/11/2003	4.9 J	35.2 J	2/27/1991
VD-VPB-05	10/4/2006	41.8	**53.4**	-1	7/5/2006	38.3 J	**86.8**	8/11/1993
VD-VPB-06	10/4/2006	**57.9**	**71.2**	-1	7/5/2006	31.2	**71.2**	7/5/2006
VD-VPB-07	NS	NS	20.5 J		3/22/2006	9.3	**47.6**	8/10/1992

Notes:

Results greater than the MCL 45 mg/L are bolded.
NS = Not sampled
ND (250) = Not detected (reporting limit)
µg/L = Micrograms per liter
J = Approximate concentration
+1 = Value moved 1 concentration zone up from previous sample date.
-1 = Value moved 1 concentration zone down from previous sample date.

TABLE 3-18
Maximum and Minimum Detected Nitrate Values - Fourth Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Current Date	Current Value (mg/L)	Previous Value (mg/L)	Change	Previous Date	Minimum Detected Value (mg/L)	Maximum Value (mg/L)	Date of Maximum Value
CS-C01-105	12/28/2006	**75.7**	**80.1**		10/13/2006	1.1 J	**133.5**	12/22/2005
CS-C01-285	12/28/2006	23.6	23.1		10/13/2006	23.1	**71.6 J**	5/4/1992
CS-C01-558	12/13/2006	2.8	2.7		12/15/2005	2.4	3.0 J	5/4/1992
CS-C02-062	1/4/2007	**49.0**	**49.0**		10/16/2006	14.2	**71.2**	5/22/1990
CS-C02-180	1/4/2007	13.4	13.4		10/16/2006	4.2	43.6	5/21/1990
CS-C02-250	1/4/2007	19.6	20.5	-1	10/16/2006	6.2	44.5	3/15/2004
CS-C02-335	1/4/2007	32.0	32.0		10/16/2006	11.6	**49.0**	11/20/1992
CS-C03-100	12/28/2006	**49.0**	**49.0**		10/11/2006	15.6	**59.2**	3/8/2001
CS-C03-325	12/12/2006	1.1	1.2		12/16/2005	1.2	9.8	12/2/2004
CS-C03-465	12/28/2006	4.9	5.3		10/11/2006	3.5	36.5	3/15/2004
CS-C03-550	12/12/2006	12.0	11.1		12/16/2005	0.9	11.1	12/16/2005
CS-C04-290	1/3/2007	10.2	11.1		10/11/2006	10.2	33.4	6/9/2000
CS-C04-382	1/3/2007	8.5	8.9		10/11/2006	5.8	19.6	5/25/1990
CS-C04-520	12/13/2006	1.2	1.2		12/16/2005	0.9 J	1.5 J	5/7/1992
CS-C05-160	1/2/2007	22.3	26.7		10/13/2006	4.9	32.0	7/5/2006
CS-C05-290	1/2/2007	7.1	7.6		10/13/2006	3.8	23.6	3/28/1991
CS-C06-185	1/4/2007	8.9	8.9		10/12/2006	6.9	14.2	5/15/1990
CS-C06-278	12/14/2006	ND (0.445)	ND (0.445)		12/16/2005	0.0 J	8.9	12/12/2000
CS-VPB-01	12/28/2006	40.5	40.9		10/9/2006	37.0	**48.1**	3/8/2001
CS-VPB-02	11/29/2006	43.6	**49.0**	-1	10/10/2006	32.9	**68.1**	6/12/2000
CS-VPB-03	1/2/2007	14.7	15.6		10/17/2006	4.9	15.6	10/17/2006
CS-VPB-04	1/3/2007	**49.0**	**53.4**		10/11/2006	1.7	**58.7**	8/5/1992
CS-VPB-05	1/2/2007	44.5	**53.4**	-1	10/13/2006	31.3	**63.6**	6/5/2002
CS-VPB-06	1/4/2007	38.7	39.6		10/12/2006	4.6	**53.4**	5/15/1990
CS-VPB-07	1/3/2007	**53.4**	**53.4**		10/11/2006	26.3	**53.4**	10/11/2006
CS-VPB-08	12/27/2006	44.5	43.6		10/12/2006	10.2	**48.6 J**	12/3/1999
CS-VPB-09	12/11/2006	44.5	**49.0**	-1	10/16/2006	30.4	**55.6**	12/19/2000
CS-VPB-10	1/5/2007	**57.9**	**57.9**		10/12/2006	29.0	**62.3**	7/5/2006
CS-VPB-11	1/3/2007	44.5	**49.0**	-1	10/17/2006	6.1 J	**72.1**	5/13/1992
NH-C01-325	12/20/2006	**66.8**	**62.3**	+1	10/3/2006	9.3	**133.5 J**	9/21/2001
NH-C01-450	NS	NS	13.4		12/10/2001	6.5	13.8	12/18/2000
NH-C01-660	12/1/2006	8.0	8.5		12/13/2005	8.5	10.1 J	4/30/1992
NH-C01-780	12/1/2006	6.2	7.1		12/13/2005	6.7	10.3 J	4/30/1992
NH-C02-220	12/21/2006	**49.0**	**62.3**		10/6/2006	33.4	**63.6**	8/15/1990
NH-C02-325	12/21/2006	21.8	21.8		10/9/2006	16.5	**54.7**	11/15/1993
NH-C02-520	12/21/2006	11.1	12.9		10/9/2006	4.5	**76.5**	3/7/2001
NH-C02-681	11/30/2006	1.7	1.7		12/14/2005	1.5	3.3 J	5/2/1992
NH-C03-380	12/5/2006	8.9	7.1		10/5/2006	5.3	40.9	6/7/2000
NH-C03-580	12/5/2006	8.5	8.5		6/21/2006	8.5	44.5	5/23/1990
NH-C03-680	12/5/2006	4.9	5.8		3/15/2006	2.0	10.7	12/12/2001
NH-C03-800	12/5/2006	2.4	2.3		12/13/2005	2.3	4.5	1/11/2000

TABLE 3-18
Maximum and Minimum Detected Nitrate Values - Fourth Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Current Date	Current Value (mg/L)	Previous Value (mg/L)	Change	Previous Date	Minimum Detected Value (mg/L)	Maximum Value (mg/L)	Date of Maximum Value
NH-C04-240	12/6/2006	26.3	24.5		12/15/2005	7.7	24.5	12/15/2005
NH-C04-375	12/6/2006	26.7	20.5		12/15/2005	2.2	**71.2**	3/21/1991
NH-C04-560	12/6/2006	ND (0.445)	ND (0.445)		12/15/2005	0.2	1.9 J	5/3/1992
NH-C05-320	NS	NS	**73.0**		12/4/2000	**62.7**	**89.0**	1/30/1991
NH-C05-460	12/20/2006	36.5	35.2		10/9/2006	5.3	35.2	10/9/2006
NH-C06-160	12/11/2006	**71.2**	**80.1**		10/6/2006	**52.1**	**106.8**	12/6/2003
NH-C06-285	12/26/2006	39.2	44.1		10/10/2006	22.3	44.1	10/10/2006
NH-C06-425	12/11/2006	11.1	12.0		12/15/2005	4.5	13.4	11/17/1992
NH-VPB-01	12/27/2006	44.5	44.5		10/10/2006	37.4	**67.2 J**	5/4/1992
NH-VPB-02	12/26/2006	**53.4**	**62.3**		10/3/2006	32.9	**80.1**	9/10/2003
NH-VPB-03	NS	NS	**66.8**		6/3/2003	43.2	**66.8**	6/3/2003
NH-VPB-04	11/30/2006	**53.4**	**57.9**		10/6/2006	38.7	**57.9**	10/6/2006
NH-VPB-05	12/27/2006	**66.8**	**71.2**		10/9/2006	18.2	**107.7**	9/14/2000
NH-VPB-06	12/11/2006	**57.9**	**71.2**	-1	10/3/2006	36.9	**98.8**	12/18/1996
NH-VPB-07	12/11/2006	**57.9**	**53.4**		10/5/2006	2.6	**57.9**	6/23/2006
NH-VPB-08	12/27/2006	34.7	34.7		10/9/2006	9.6	**49.0**	1/30/1992
NH-VPB-09	NS	NS	8.4		3/6/2001	3.6	37.2	6/6/2000
NH-VPB-10	NS	NS	1.1		12/22/2005	0.8	17.8	11/12/1992
NH-VPB-11	NS	NS	4.5		6/22/1998	1.5	15.1	10/19/1994
NH-VPB-12	NS	NS	44.5		12/13/2001	20.0	44.5	12/13/2001
NH-VPB-13	NS	NS	6.7		12/4/1995	6.7	**101.5**	9/6/1990
NH-VPB-14	NS	NS	**51.2**		3/15/2000	30.3	**73.0**	5/10/1995
PO-C01-195	1/5/2007	23.6	24.0		10/13/2006	24.0	35.1	8/29/1990
PO-C01-354	12/15/2006	ND (0.445)	ND (0.445)		12/20/2005	ND (0.445)	ND (0.445)	12/20/2005
PO-C02-053	12/18/2006	**49.0**	36.0	+1	3/21/2006	11.3	**71.2**	6/13/2000
PO-C02-205	12/18/2006	23.6	23.6		12/19/2005	19.1	27.1	12/20/2000
PO-C03-182	12/15/2006	31.6	31.6		3/21/2006	15.9	**50.3**	10/28/1994
PO-C03-235	12/15/2006	29.4	25.8		12/19/2005	8.0	30.3	6/12/2003
PO-VPB-01	12/18/2006	42.3	40.1		3/20/2006	36.8	**48.5**	10/3/1990
PO-VPB-02	1/5/2007	**53.4**	**53.4**		10/13/2006	37.6	**71.6**	8/27/1990
PO-VPB-03	12/15/2006	**53.4**	**53.4**		10/16/2006	21.8	**59.0**	6/7/2002
PO-VPB-04	NS	NS	ND (0.445) J		12/4/1992	1.8	1.8	11/14/1989
PO-VPB-05	12/18/2006	7.6	14.7		12/20/2005	1.8	24.5	10/7/1998
PO-VPB-06	12/18/2006	17.4	12.0		12/19/2005	2.4 J	19.6	12/15/2000
PO-VPB-07	1/5/2007	38.7	**57.9**	-1	10/17/2006	34.3	**175.3**	9/20/2000
PO-VPB-08	12/18/2006	12.0	12.5		10/5/2006	3.9	18.2	9/28/2004
PO-VPB-09	NS	NS	1.5		8/19/1993	1.5	1.5	11/15/1989
PO-VPB-10	12/14/2006	**80.1**	**80.1**		7/6/2006	**53.4**	**84.6**	12/17/2003
PO-VPB-11	NS	NS	ND (1.76)		9/20/1990	2.8	2.8	11/16/1989
VD-VPB-01	12/19/2006	**57.9**	**53.4**		10/4/2006	**51.6**	**80.5**	1/27/1995
VD-VPB-02	12/19/2006	**57.9**	**53.4**		10/4/2006	39.2	**72.1**	5/6/1992

TABLE 3-18
Maximum and Minimum Detected Nitrate Values - Fourth Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Current Date	Current Value (mg/L)	Previous Value (mg/L)	Change	Previous Date	Minimum Detected Value (mg/L)	Maximum Value (mg/L)	Date of Maximum Value
VD-VPB-03	12/19/2006	24.5	24.5		10/4/2006	12.9	34.7	5/11/1993
VD-VPB-04	NS	NS	24.5		9/11/2003	4.9 J	35.2 J	2/27/1991
VD-VPB-05	12/19/2006	40.1	41.8		10/4/2006	38.3 J	**86.8**	8/11/1993
VD-VPB-06	12/19/2006	**53.4**	**57.9**		10/4/2006	31.2	**71.2**	7/5/2006
VD-VPB-07	12/19/2006	16.5	20.5 J	-1	3/22/2006	9.3	**47.6**	8/10/1992

Notes:

Results greater than the MCL 45 mg/L are bolded.
NS = Not sampled
ND (250) = Not detected (reporting limit)
µg/L = Micrograms per liter
J = Approximate concentration
+1 = Value moved 1 concentration zone up from previous sample date.
-1 = Value moved 1 concentration zone down from previous sample date.

TABLE 3-19
Summary of Nitrate Values - First, Second, Third, and Fourth Quarters 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	1st Qtr. Sample Date	1st Qtr. Value (µg/L)	2nd Qtr. Sample Date	2nd Qtr. Value (µg/L)	3rd Qtr. Sample Date	3rd Qtr. Value (µg/L)	4th Qtr. Sample Date	4th Qtr. Value (µg/L)
CS-C01-105	03/15/2006	**75.7**	07/10/2006	**97.9**	10/13/2006	**80.1**	12/28/2006	**75.7**
CS-C01-285	03/27/2006	23.1	07/10/2006	24	10/13/2006	23.1	12/28/2006	23.6
CS-C01-558	NS		NS		NS		12/13/2006	2.8
CS-C02-062	03/24/2006	**53.4 J**	07/11/2006	**53.4**	10/16/2006	**49**	01/04/2007	**49**
CS-C02-180	03/24/2006	13.8 J	07/11/2006	14.2	10/16/2006	13.4	01/04/2007	13.4
CS-C02-250	03/24/2006	21.4 J	07/11/2006	21.8	10/16/2006	20.5	01/04/2007	19.6 -1
CS-C02-335	03/24/2006	34.7 J	07/11/2006	34.3	10/16/2006	32	01/04/2007	32
CS-C03-100	03/27/2006	**49**	07/10/2006	**49**	10/11/2006	**49**	12/28/2006	**49**
CS-C03-325	NS		NS		NS		12/12/2006	1.1
CS-C03-465	03/17/2006	4.4	06/27/2006	4.9	10/11/2006	5.3	12/28/2006	4.9
CS-C03-550	NS		NS		NS		12/12/2006	12
CS-C04-290	03/17/2006	10.7	07/06/2006	11.1	10/11/2006	11.1	01/03/2007	10.2
CS-C04-382	03/17/2006	8.9	07/06/2006	8.9	10/11/2006	8.9	01/03/2007	8.5
CS-C04-520	NS		NS		NS		12/13/2006	1.2
CS-C05-160	03/17/2006	30.7	07/05/2006	32	10/13/2006	26.7	01/02/2007	22.2
CS-C05-290	03/17/2006	7.6	07/05/2006	8	10/13/2006	7.6	01/02/2007	7.1
CS-C06-185	03/20/2006	9.3	07/06/2006	8.9	10/12/2006	8.9	01/04/2007	8.9
CS-C06-278	NS		NS		NS		12/14/2006	ND (0.445)
CS-VPB-01	03/24/2006	40.9 J	07/11/2006	42.3	10/09/2006	40.9	12/28/2006	40.5
CS-VPB-02	NS		NS		10/10/2006	**49** +1	11/29/2006	43.6 -1
CS-VPB-03	03/17/2006	14.7	06/27/2006	15.6	10/17/2006	15.6	01/02/2007	14.7
CS-VPB-04	NS		07/19/2006	**53.4 J**	10/11/2006	**53.4**	01/03/2007	**49**
CS-VPB-05	03/27/2006	**57.8**	07/10/2006	**57.8**	10/13/2006	**53.4**	01/02/2007	44.5 -1
CS-VPB-06	03/27/2006	39.2	07/11/2006	40.9	10/12/2006	39.6	01/04/2007	38.7
CS-VPB-07	03/28/2006	29.4	07/11/2006	35.2	10/11/2006	**53.4** +1	01/03/2007	**53.4**
CS-VPB-08	NS		07/10/2006	44.5	10/12/2006	43.6	12/27/2006	44.5
CS-VPB-09	03/20/2006	**53.4**	06/27/2006	**53.4**	10/16/2006	**49**	12/11/2006	44.5 -1
CS-VPB-10	03/20/2006	**57.8**	07/05/2006	**62.3**	10/12/2006	**57.8**	01/05/2007	**57.8**
CS-VPB-11	NS		07/06/2006	**49**	10/17/2006	**49**	01/03/2007	44.5 -1
NH-C01-325	NS		07/07/2006	**71.2** +1	10/03/2006	**62.3** -1	12/20/2006	**66.8** +1
NH-C01-450	NS		NS		NS		NS	
NH-C01-660	NS		NS		NS		12/01/2006	8
NH-C01-780	NS		NS		NS		12/01/2006	6.2
NH-C02-220	03/23/2006	**49**	NS		10/06/2006	**62.3**	12/21/2006	**49**
NH-C02-325	03/14/2006	19.1	07/07/2006	21.8 +1	10/09/2006	21.8	12/21/2006	21.8
NH-C02-520	03/23/2006	20.5	07/07/2006	13.8 -1	10/09/2006	12.9	12/21/2006	11.1
NH-C02-681	NS		NS		NS		11/30/2006	1.7
NH-C03-380	03/15/2006	8.5	06/21/2006	7.6	10/05/2006	7.1	12/05/2006	8.9
NH-C03-580	03/15/2006	9.3	06/21/2006	8.5	NS		12/05/2006	8.5
NH-C03-680	03/15/2006	5.8	NS		NS		12/05/2006	4.9

TABLE 3-19
Summary of Nitrate Values - First, Second, Third, and Fourth Quarters 2006
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	1st Qtr. Sample Date	1st Qtr. Value (µg/L)	2nd Qtr. Sample Date	2nd Qtr. Value (µg/L)	3rd Qtr. Sample Date	3rd Qtr. Value (µg/L)	4th Qtr. Sample Date	4th Qtr. Value (µg/L)
NH-C03-800	NS		NS		NS		12/05/2006	2.4
NH-C04-240	NS		NS		NS		12/06/2006	26.3
NH-C04-375	NS		NS		NS		12/06/2006	26.7
NH-C04-560	NS		NS		NS		12/06/2006	ND (0.445)
NH-C05-320	NS		NS		NS		NS	
NH-C05-460	03/23/2006	17.4	07/07/2006	30.7 +1	10/09/2006	35.2	12/20/2006	36.5
NH-C06-160	03/15/2006	**80.1**	NS		10/06/2006	**80.1**	12/11/2006	**71.2**
NH-C06-285	03/15/2006	42.3	06/23/2006	44.1	10/10/2006	44.1	12/26/2006	39.2
NH-C06-425	NS		NS		NS		12/11/2006	11.1
NH-VPB-01	03/16/2006	**49**	06/22/2006	**49**	10/10/2006	44.5 -1	12/27/2006	44.5
NH-VPB-02	03/16/2006	**62.3** -1	NS		10/03/2006	**62.3**	12/26/2006	**53.4**
NH-VPB-03	NS		NS		NS		NS	
NH-VPB-04	NS		06/23/2006	44.5	10/06/2006	**57.8** +1	11/30/2006	**53.4**
NH-VPB-05	03/14/2006	**71.2**	06/21/2006	**75.7**	10/09/2006	**71.2**	12/27/2006	**66.8**
NH-VPB-06	03/23/2006	**66.8**	06/21/2006	**71.2**	10/03/2006	**71.2**	12/11/2006	**57.8** -1
NH-VPB-07	03/16/2006	**57.8**	06/23/2006	**57.8**	10/05/2006	**53.4**	12/11/2006	**57.8**
NH-VPB-08	NS		06/23/2006	20 +1	10/09/2006	34.7	12/27/2006	34.7
NH-VPB-09	NS		NS		NS		NS	
NH-VPB-10	NS		NS		NS		NS	
NH-VPB-11	NS		NS		NS		NS	
NH-VPB-12	NS		NS		NS		NS	
NH-VPB-13	NS		NS		NS		NS	
NH-VPB-14	NS		NS		NS		NS	
PO-C01-195	03/21/2006	25.8	07/06/2006	24.9	10/13/2006	24	01/05/2007	23.6
PO-C01-354	NS		NS		NS		12/15/2006	ND (0.445)
PO-C02-053	03/21/2006	36	NS		NS		12/18/2006	**49** +1
PO-C02-205	NS		NS		NS		12/18/2006	23.6
PO-C03-182	03/21/2006	31.6	NS		NS		12/15/2006	31.6
PO-C03-235	NS		NS		NS		12/15/2006	29.4
PO-VPB-01	03/20/2006	40	NS		NS		12/18/2006	42.3
PO-VPB-02	03/28/2006	**53.4**	07/11/2006	**53.4**	10/13/2006	**53.4**	01/05/2007	**53.4**
PO-VPB-03	NS		06/27/2006	**53.4**	10/16/2006	**53.4**	12/15/2006	**53.4**
PO-VPB-04	NS		NS		NS		NS	
PO-VPB-05	NS		NS		NS		12/18/2006	7.6
PO-VPB-06	NS		NS		NS		12/18/2006	17.4
PO-VPB-07	03/24/2006	44.5 J -1	07/11/2006	**57.8** +1	10/17/2006	**57.8**	01/05/2007	38.7 -1
PO-VPB-08	NS		07/11/2006	12.9	10/05/2006	12.5	12/18/2006	12
PO-VPB-09	NS		NS		NS		NS	
PO-VPB-10	03/21/2006	**80.1**	07/06/2006	**80.1**	NS		12/14/2006	**80.1**
PO-VPB-11	NS		NS		NS		NS	

TABLE 3-19

Summary of Nitrate Values - First, Second, Third, and Fourth Quarters 2006

San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	1st Qtr.			2nd Qtr.			3rd Qtr.			4th Qtr.		
	Sample Date	Value (µg/L)		Sample Date	Value (µg/L)		Sample Date	Value (µg/L)		Sample Date	Value (µg/L)	
VD-VPB-01	03/21/2006	**53.4 J**		07/05/2006	**57.8**		10/04/2006	**53.4**		12/19/2006	**57.8**	
VD-VPB-02	03/22/2006	44.5 J		07/06/2006	**53.4**	+1	10/04/2006	**53.4**		12/19/2006	**57.8**	
VD-VPB-03	03/22/2006	25.8		07/05/2006	26.7		10/04/2006	24.5		12/19/2006	24.5	
VD-VPB-04	NS			NS			NS			NS		
VD-VPB-05	03/22/2006	**53.4 J**	+1	07/05/2006	**53.4**		10/04/2006	41.8	-1	12/19/2006	40	
VD-VPB-06	03/22/2006	**66.8 J**	+1	07/05/2006	**71.2**		10/04/2006	**57.8**	-1	12/19/2006	**53.4**	
VD-VPB-07	03/22/2006	20.5 J		NS			NS			12/19/2006	16.5	-1

Notes:

ND (250): Not detected (reporting limit)
NS = Not sampled
J = Approximate concentration
+1 = value moved 1 concentration zone up from previous sampling
-1 = value moved 1 concentration zone down from previous sampling
Results greather than the MCL 45 mg/L are bolded

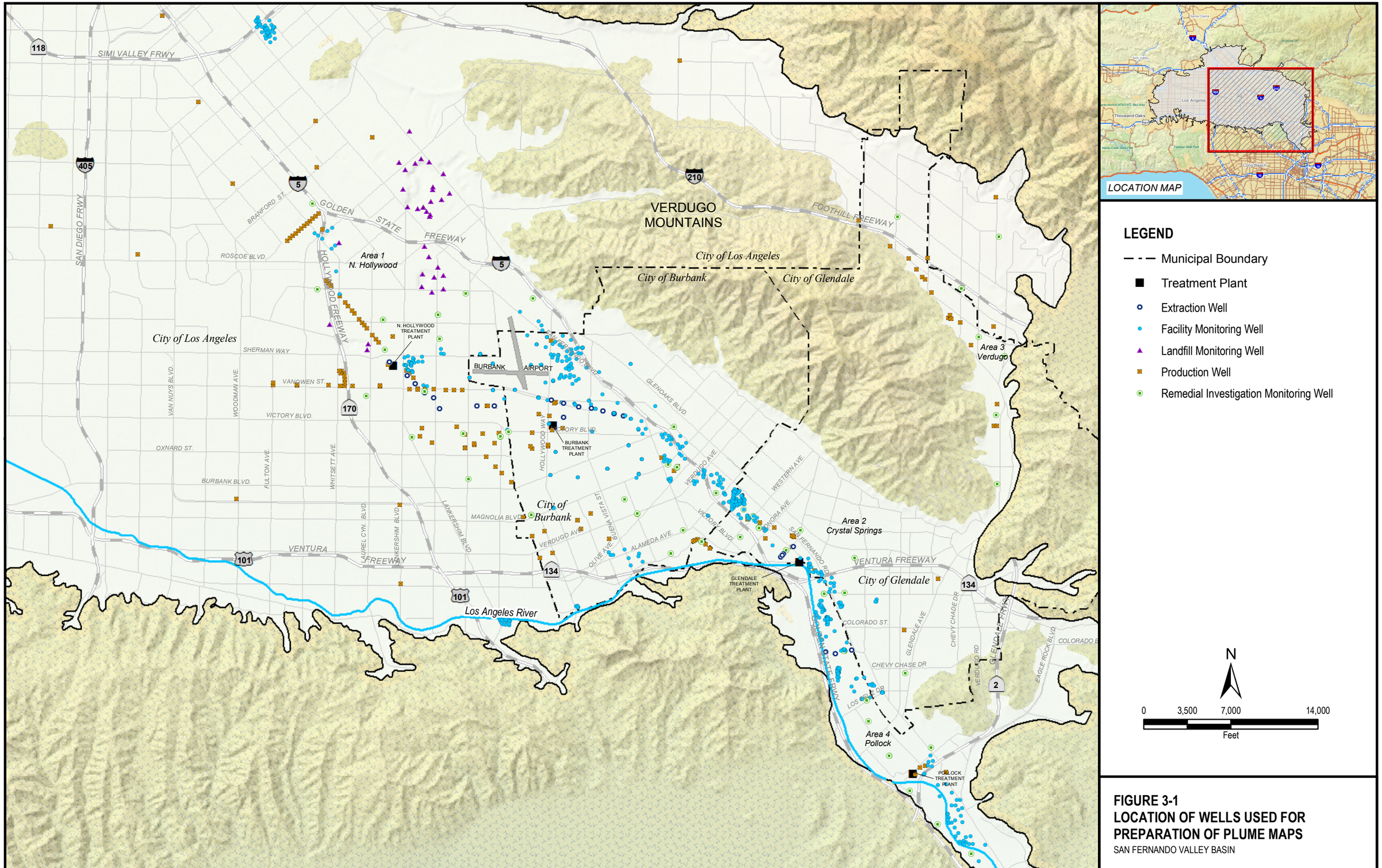
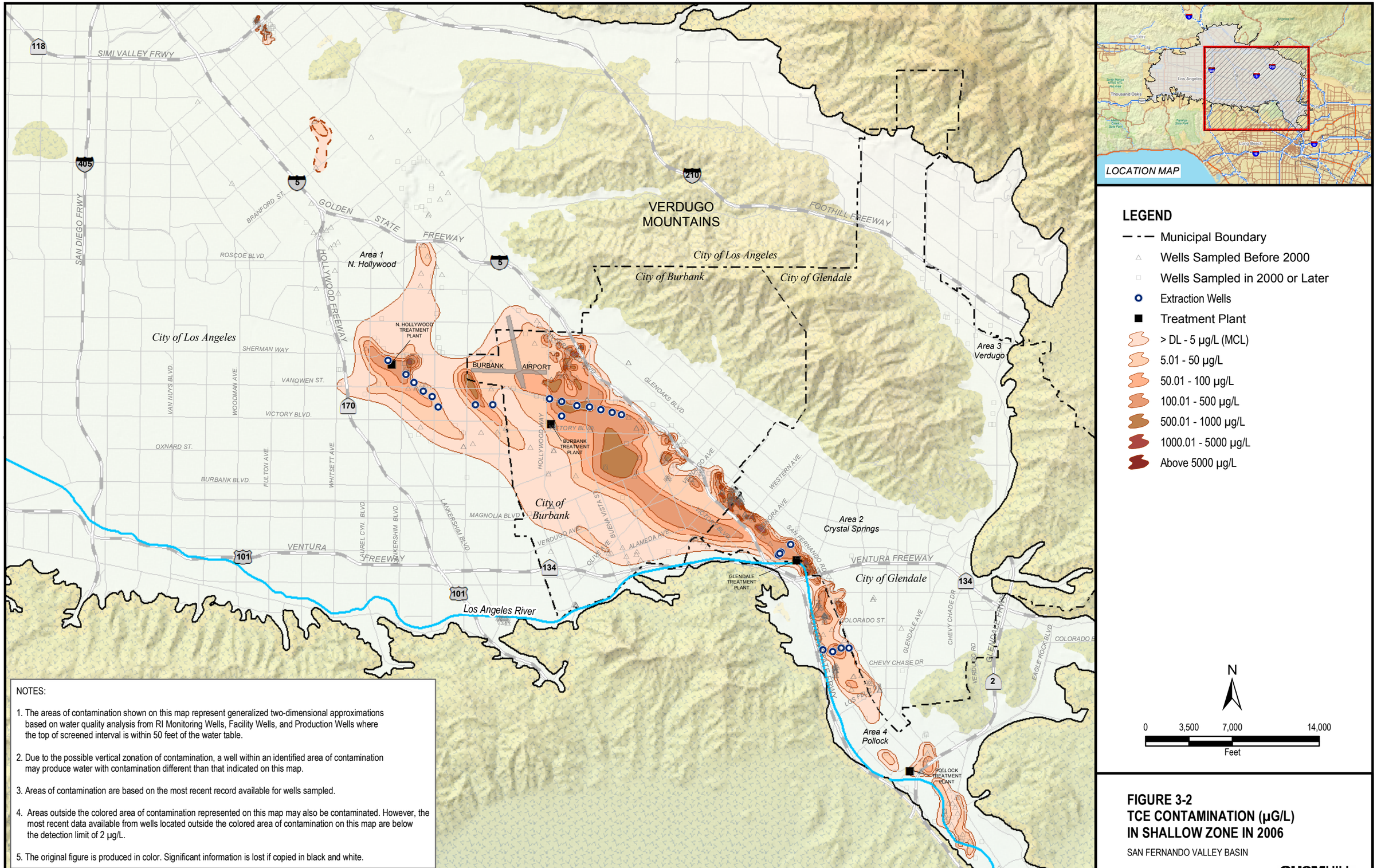


FIGURE 3-1
LOCATION OF WELLS USED FOR PREPARATION OF PLUME MAPS
SAN FERNANDO VALLEY BASIN

CH2MHILL

\\CABLECAR\PROJ\USEPA\COMMONFILES\EPASFV\GIS\MAPFILES\2007\2006REPORT\WELL_LOCATION_MAP_R05.MXD FIG_3-1_WELL_LOCATION_MAP_R05.PDF 1/24/2008 12:36:30



NOTES:

1. The areas of contamination shown on this map represent generalized two-dimensional approximations based on water quality analysis from RI Monitoring Wells, Facility Wells, and Production Wells where the top of screened interval is within 50 feet of the water table.

2. Due to the possible vertical zonation of contamination, a well within an identified area of contamination may produce water with contamination different than that indicated on this map.

3. Areas of contamination are based on the most recent record available for wells sampled.

4. Areas outside the colored area of contamination represented on this map may also be contaminated. However, the most recent data available from wells located outside the colored area of contamination on this map are below the detection limit of 2 µg/L.

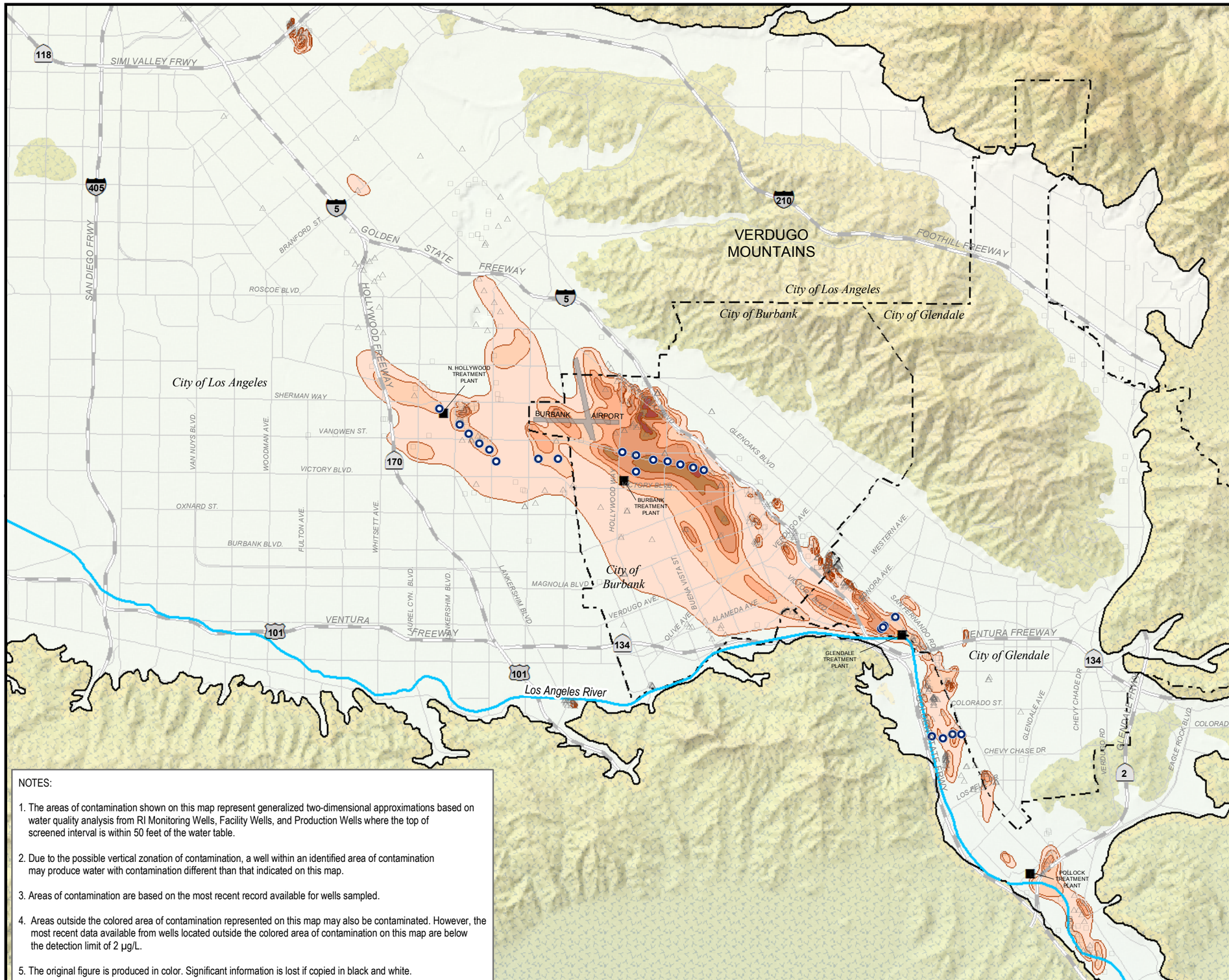
5. The original figure is produced in color. Significant information is lost if copied in black and white.

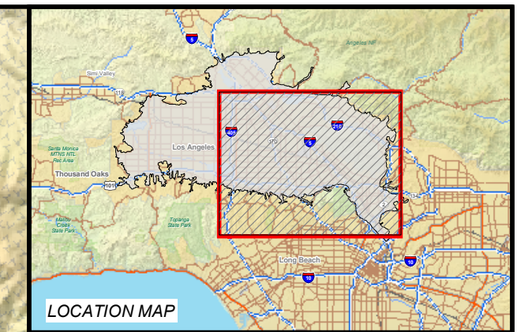
FIGURE 3-2
TCE CONTAMINATION (µG/L)
IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

\\CABLECAR\PROJ\USEPA\COMMONFILES\EPASFV\GIS\MAPFILES\2007\2006REPORT\UPDATED_MAPS_DEC07\TCE_2006RPT_SHALLOW_V2.MXD FIG_3-2_TCE_2006RPT_SHALLOW_V2.PDF 12/21/2007 13:22:38





LEGEND

- Municipal Boundary
- Treatment Plant
- Wells Sampled Before 2000
- Wells Sampled 2000 or Later
- Extraction Wells
- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L

N

0 3,500 7,000 14,000
Feet

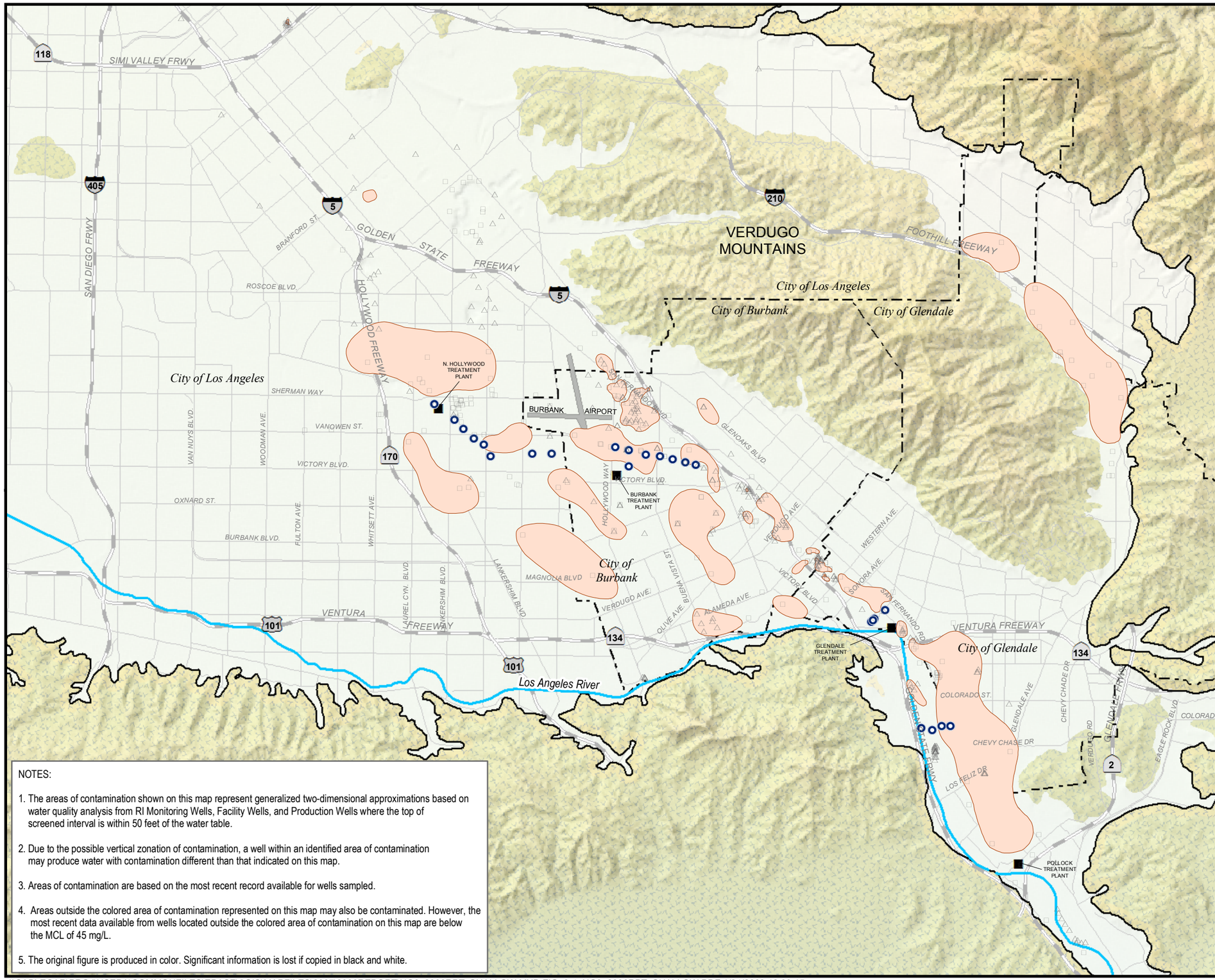
NOTES:

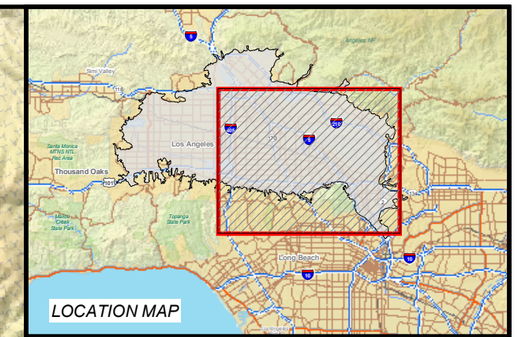
1. The areas of contamination shown on this map represent generalized two-dimensional approximations based on water quality analysis from RI Monitoring Wells, Facility Wells, and Production Wells where the top of screened interval is within 50 feet of the water table.
2. Due to the possible vertical zonation of contamination, a well within an identified area of contamination may produce water with contamination different than that indicated on this map.
3. Areas of contamination are based on the most recent record available for wells sampled.
4. Areas outside the colored area of contamination represented on this map may also be contaminated. However, the most recent data available from wells located outside the colored area of contamination on this map are below the detection limit of 2 µg/L.
5. The original figure is produced in color. Significant information is lost if copied in black and white.

FIGURE 3-3
PCE CONTAMINATION (µG/L)
IN SHALLOW ZONE IN 2006
SAN FERNANDO VALLEY BASIN

CH2MHILL

\\CABLECAR\PROJ\USEPA\COMMONFILES\EPASFV\GIS\MAPFILES\2007\2006REPORT\UPDATED_MAPS_DEC07\PCE_2006RPT_SHALLOW_V2.MXD FIG_3-3_PCE_2006RPT_SHALLOW_V2.PDF 12/21/2007 13:37:44





LEGEND

- Wells Sampled 2000 or Later
- Wells Sampled Before 2000
- OU Extraction Wells
- Treatment Plant
- Municipal Boundary
- Above 45 mg/L (MCL)

N

0 3,500 7,000 14,000
Feet

NOTES:

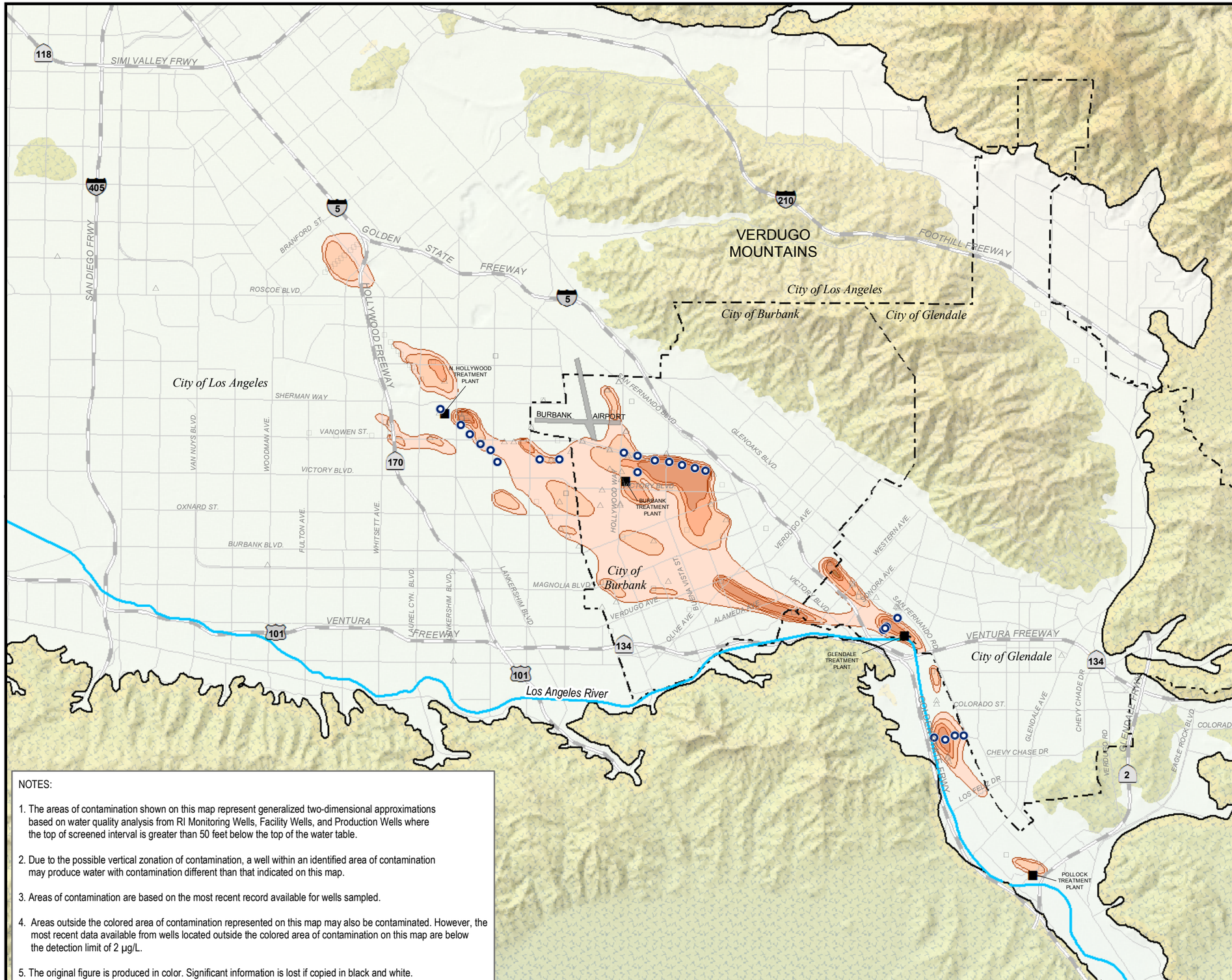
1. The areas of contamination shown on this map represent generalized two-dimensional approximations based on water quality analysis from RI Monitoring Wells, Facility Wells, and Production Wells where the top of screened interval is within 50 feet of the water table.
2. Due to the possible vertical zonation of contamination, a well within an identified area of contamination may produce water with contamination different than that indicated on this map.
3. Areas of contamination are based on the most recent record available for wells sampled.
4. Areas outside the colored area of contamination represented on this map may also be contaminated. However, the most recent data available from wells located outside the colored area of contamination on this map are below the MCL of 45 mg/L.
5. The original figure is produced in color. Significant information is lost if copied in black and white.

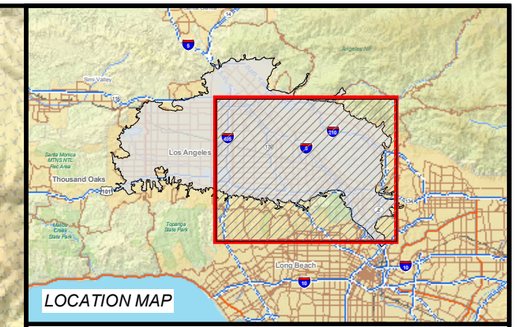
FIGURE 3-4
NO_3 CONTAMINATION (MG/L)
IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

\\CABLECAR\PROJ\USEPA\COMMONFILES\EPASFV\GIS\MAPFILES\2007\2006REPORT\NO3_2006RPT_SHALLOW.MXD FIG_3-4_NO3_2006RPT_SHALLOW.PDF 1/24/2008 12:00:15





LEGEND

- Municipal Boundary
- Wells Sampled Before 2000
- Wells Sampled in 2000 or Later
- Extraction Wells
- Treatment Plant
- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L

N

0 3,500 7,000 14,000
Feet

NOTES:

1. The areas of contamination shown on this map represent generalized two-dimensional approximations based on water quality analysis from RI Monitoring Wells, Facility Wells, and Production Wells where the top of screened interval is greater than 50 feet below the top of the water table.
2. Due to the possible vertical zonation of contamination, a well within an identified area of contamination may produce water with contamination different than that indicated on this map.
3. Areas of contamination are based on the most recent record available for wells sampled.
4. Areas outside the colored area of contamination represented on this map may also be contaminated. However, the most recent data available from wells located outside the colored area of contamination on this map are below the detection limit of 2 µg/L.
5. The original figure is produced in color. Significant information is lost if copied in black and white.

FIGURE 3-5
TCE CONTAMINATION (µG/L)
IN DEEPER ZONE IN 2006
SAN FERNANDO VALLEY BASIN

CH2MHILL

\\CABLECAR\PROJ\USEPA\COMMONFILES\EPASFV\GIS\MAPFILES\2007\2006REPORT\TCE_2006RPT_DEEP.MXD FIG_3-5_TCE_2006RPT_DEEP.PDF 1/23/2008 16:34:04

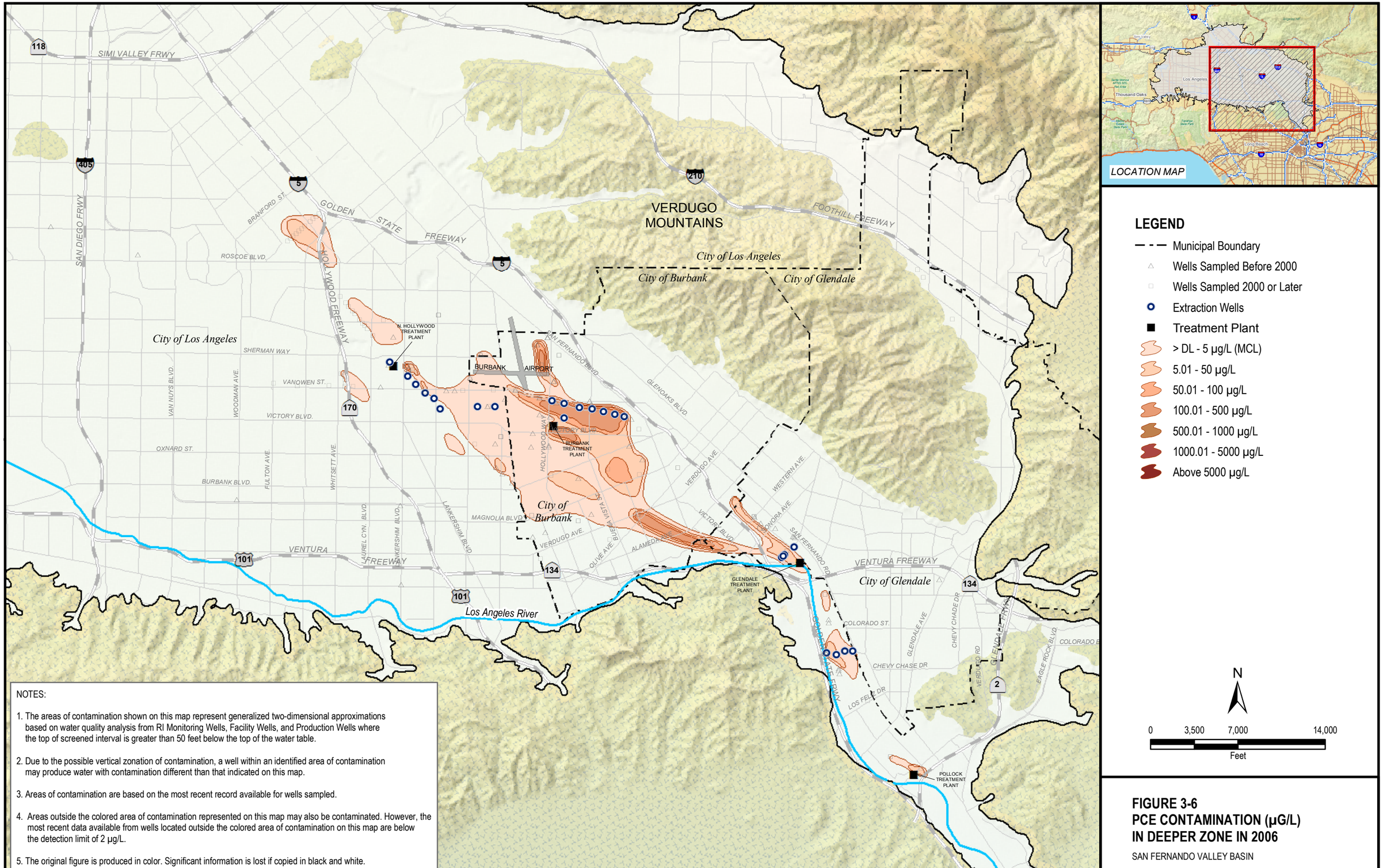
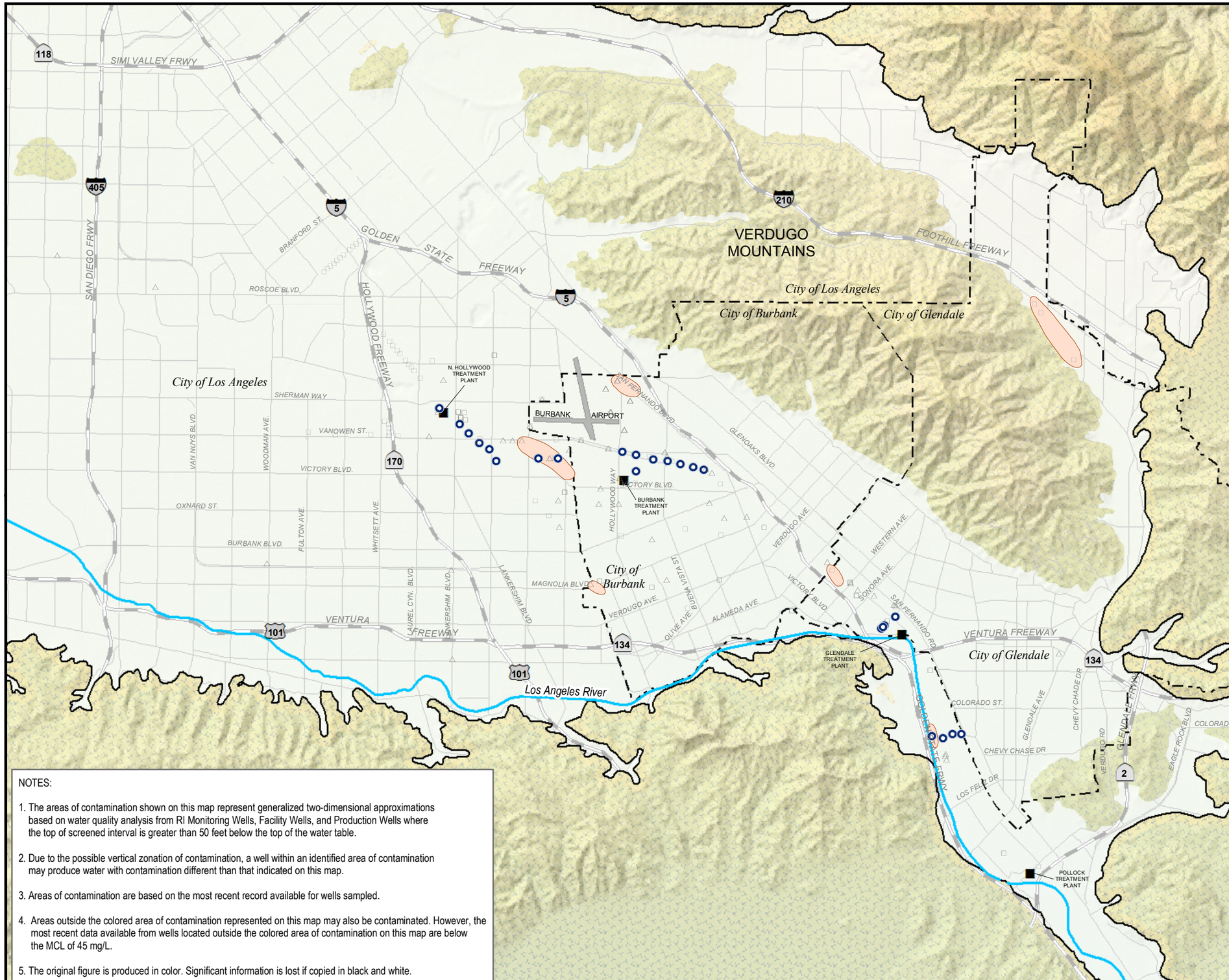


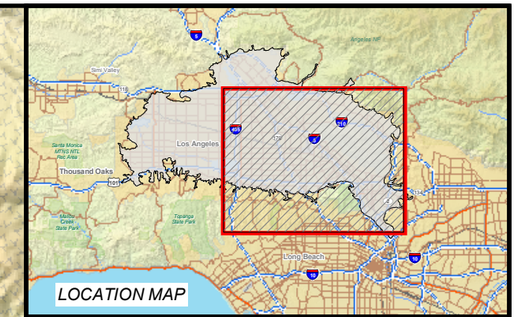
FIGURE 3-6
PCE CONTAMINATION (µG/L)
IN DEEPER ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

\\CABLECAR\PROJ\USEPA\COMMONFILES\EPASFV\GIS\MAPFILES\2007\2006REPORT\PCE_2006RPT_DEEP.MXD FIG_3-6_PCE_2006RPT_DEEP.PDF 1/23/2008 14:15:49





LEGEND

- Wells Sampled 2000 or Later
- Wells Sampled Before 2000
- OU Extraction Wells
- Treatment Plant
- Municipal Boundary
- Above 45 mg/L (MCL)

N

0 3,500 7,000 14,000
Feet

NOTES:

1. The areas of contamination shown on this map represent generalized two-dimensional approximations based on water quality analysis from RI Monitoring Wells, Facility Wells, and Production Wells where the top of screened interval is greater than 50 feet below the top of the water table.
2. Due to the possible vertical zonation of contamination, a well within an identified area of contamination may produce water with contamination different than that indicated on this map.
3. Areas of contamination are based on the most recent record available for wells sampled.
4. Areas outside the colored area of contamination represented on this map may also be contaminated. However, the most recent data available from wells located outside the colored area of contamination on this map are below the MCL of 45 mg/L.
5. The original figure is produced in color. Significant information is lost if copied in black and white.

FIGURE 3-7
NO_3 CONTAMINATION (MG/L)
IN DEEPER ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

\\CABLECAR\PROJ\USEPA\COMMONFILES\EPASFV\GIS\MAPFILES\2007\2006REPORT\NO3_2006RPT_DEEP.MXD FIG_3-7_NO3_2006RPT_DEEP.PDF 1/24/2008 12:07:32

SECTION 4

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E2 Consulting Engineers. 1999a. *Revised Sampling and Analysis Plan for San Fernando* Groundwater *Monitoring Program, San Fernando Valley Basin, Burbank, Glendale, North Hollywood and Los Angeles, California*. October.

_____. 1999b. *Revised Quality Assurance Project Plan for San Fernando Groundwater Monitoring* Program*, San Fernando Valley Basin, Burbank, Glendale, North Hollywood and Los Angeles, California*. October.

_____. 1999c. *Addendum No. 2 to the Quality Assurance Project Plan for San Fernando* Groundwater *Monitoring Program, San Fernando Valley Basin, Burbank, Glendale, North Hollywood and Los Angeles, California*. November.

_____. 1999d. *Addendum No. 3 to the Revised Sampling and Analysis Plan for San Fernando* Groundwater *Monitoring Program, San Fernando Valley Basin, Burbank, Glendale, North Hollywood and Los Angeles, California*. November.

Appendix A
Remedial Investigation Monitoring Well Completion Data

TABLE A-1
Well Completion Data
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Ground Surface Elevation (ft msl)	Top of Casing Elevation (ft msl)	Total Depth of Boring (ft bgs)	Bottom of Well (ft bgs)	Screen Interval (ft bgs)
CS-C01-105	543.82	542.39	108	107	75-105
CS-C01-285	543.68	542.48	289	287	265-285
CS-C01-558	544.1	542.55	719	563	538-558
CS-C02-062	477.86	475.75	66	62	32-62
CS-C02-180	477.88	475.59	190	180	140-180
CS-C02-250	477.85	475.6	255	250	230-250
CS-C02-335	477.88	475.86	450	335	315-335
CS-C03-100	489.37	487.35	115	100	60-100
CS-C03-325	489.6	487.54	330	325	295-325
CS-C03-465	489.54	488.13	470	465	425-465
CS-C03-550	489.38	487.27	585	550	530-550
CS-C04-290	480.05	478.22	300	290	260-290
CS-C04-382	479.95	477.76	395	382	362-382
CS-C04-520	480.12	477.88	700	520	500-520
CS-C05-160	460.7	458.87	168	160	120-160
CS-C05-290	460.65	459.31	439	290	260-290
CS-C06-185	456.79	455.69	195	185	155-185
CS-C06-278	456.73	455.37	313	278	258-278
CS-VPB-01	499.76	498.53	109	96	76.13-95.55
CS-VPB-02	508.87	507.5	100	96	76.3-96.6
CS-VPB-03	518.24	517.82	103	96	76-96
CS-VPB-04	479.95	478.47	82	80	50-80
CS-VPB-05	460.74	459.61	63	61	41.41-61.37
CS-VPB-06	456.83	455.44	78	77	56.64-76.64
CS-VPB-07	495.83	494.44	93	92	71.34-91.88
CS-VPB-08	484.48	483.05	84	82	61.65-81.69
CS-VPB-09	487.07	485.73	80	77	56.43-76.43
CS-VPB-10	481.02	479.66	104	101	81.66-92.66
CS-VPB-11	507.22	506.08	121	116	95.78-116.08
NH-C01-325	782.08	781.43	333	330	275-325
NH-C01-450	782.15	781.56	460	453	400-450
NH-C01-660	782.24	781.3	665	662	630-660
NH-C01-780	782.27	781.47	902	785	740-780
NH-C02-220	658.52	657.1	225	225	170-220
NH-C02-325	658.73	656.72	332	325	275-325
NH-C02-520	658.85	657.04	527	520	470-520
NH-C02-681	658.97	656.96	932	686	641-681

TABLE A-1
Well Completion Data
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Ground Surface Elevation (ft msl)	Top of Casing Elevation (ft msl)	Total Depth of Boring (ft bgs)	Bottom of Well (ft bgs)	Screen Interval (ft bgs)
NH-C03-380	710.28	708.15	388	380	340-380
NH-C03-580	710.41	708.7	587	580	540-580
NH-C03-680	710.46	708.02	695	680	640-680
NH-C03-800	710.62	708.55	908	800	760-800
NH-C04-240	560	557.88	245	240	210-240
NH-C04-375	559.9	557.75	385	375	325-375
NH-C04-560	559.61	557.34	919	565	510-560
NH-C05-320	774.33	772.39	325	320	270-320
NH-C05-460	774.19	772.15	470	465	390-460
NH-C06-160	590.84	589.5	166	162	110-160
NH-C06-285	590.91	589.24	300	290	235-285
NH-C06-425	590.98	589.44	435	430	365-425
NH-VPB-01	559.54	559.13	169	146	125.44-145.44
NH-VPB-02	710.5	710	264	261	241.6-261.6
NH-VPB-03	676.55	676.16	223	220	200.05-220.35
NH-VPB-04	631.97	631.54	188	181	160.47-180.77
NH-VPB-05	657.26	656.68	207	205	185.16-205.46
NH-VPB-06	746.93	746.39	310	307	287.43-307.73
NH-VPB-07	756.28	755.82	295	290	270.58-290.88
NH-VPB-08	669.25	668.68	231	225	205-225.55
NH-VPB-09	795.86	794.84	293	291	271.06-291.46
NH-VPB-10	764.12	763.28	328	326	305.42-325.72
NH-VPB-11	790.64	789.88	329	321	301.14-321.44
NH-VPB-12	614.02	613.55	171	160	140.02-160.32
NH-VPB-13	855.64	855.06	379	375	356.24-375.54
NH-VPB-14	565.41	564.93	114	112	91.71-112.01
PO-C01-195	444.64	443.72	198	195	175-195
PO-C01-354	444.45	442.3	378	359	324-354
PO-C02-053	427.75	426.62	60	57	22-52
PO-C02-205	428.02	426.79	233	210	175-205
PO-C03-182	386.24	385.15	187	185	162-182
PO-C03-235	386.12	384.99	274	240	205-235
PO-VPB-01	412.64	411.33	65	61	41.25-61.25
PO-VPB-02	444.39	443.41	74	71	50.59-70.66
PO-VPB-03	387.26	386.11	78	71	50.75-70.82
PO-VPB-04	381.15	380.13	119	115	94.44-114.5
PO-VPB-05	367.66	366.57	69	66	45.78-65.78

TABLE A-1
Well Completion Data
San Fernando Valley Basin - Groundwater Monitoring Program

Well ID	Ground Surface Elevation (ft msl)	Top of Casing Elevation (ft msl)	Total Depth of Boring (ft bgs)	Bottom of Well (ft bgs)	Screen Interval (ft bgs)
PO-VPB-06	347.72	346.47	55	51	31.22-51.21
PO-VPB-07	395.39	394.24	93	91	70.79-90.88
PO-VPB-08	331.95	331.3	49	46	25.88-46
PO-VPB-09	369.38	368.12	58	56	35.87-55.92
PO-VPB-10	474.7	472.8	93	91	70.7-90.81
PO-VPB-11	415.56	414.66	110	106	85.48-105.51
VD-VPB-01	1397.37	1395.36	214	210	189.8-209.84
VD-VPB-02	1170.81	1169.03	149	136	115.96-135.72
VD-VPB-03	817.26	816.13	50	46	25.48-45.58
VD-VPB-04	988.3	985.99	124	116	96.09-116
VD-VPB-05	1217.48	1216.13	170	156	135.62-156.43
VD-VPB-06	1649.76	1647.83	120	96	75.95-96
VD-VPB-07	1847.19	1844.77	219	216	195.88-215.92

Notes:

ft msl = Feet mean sea level
ft bgs = Feet below ground surface

Appendix B
Rationale for Selection of Representative Monitoring Well Data

APPENDIX B

Rationale for Selection of Representative Monitoring Well Data

Groundwater quality data received from various sources are incorporated into the SFV database. These sources include:

- United States Environmental Protection Agency (USEPA) remedial investigation monitoring wells
- California Regional Water Quality Control Board (RWQCB) industrial facility wells
- California Department of Toxic Substances Control (DTSC) facility wells
- Lockheed Martin Corporation (LMC) (formerly Lockheed Aeronautical Systems Corporation[LASC]) monitoring wells
- Production wells operated by purveyors in the San Fernando Valley (SFV) including:
  - Los Angeles Department of Water and Power (LADWP)
  - The Cities of Glendale and Burbank
  - Crescenta Valley County Water District (CVWD)

Selection of representative groundwater quality data used for delineation of the areas of contamination is based on the most recent available data received from the sources above for each well in the SFV database. The data set for preparation of concentration contour maps included with the Report uses all available water quality data; however, the data set is subdivided into categories of "recent" and "older" (pre-2000) data. These categories are assigned different well symbols on the concentration contour maps.

Appendix C
Remedial Investigation Monitoring Wells
Submersible Pump Installation Data

TABLE C-1
Submersible Pump Installation Data
San Fernando Valley Basin - Groundwater Monitoring Program

Well Name	Pump Installation Date	Pump Test Date	Total Depth of Well (ft bgs)	Depth to Water (DTW) (ft bgs)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Pump Setting (ft bgs)	Distance from DTW to Pump (ft)	Distance from Pump to Bottom (ft)	Grundfos Horse-power (HP)	Test Flow Rate (gpm)
CS-C01-105	12/18/1991	1/15/1992	107	96.3	75	105	102	5.70	5	0.33	6.6
CS-C01-285	12/18/1991	1/15/1992	287	93	265	285	163	70.00	124	0.5	7
CS-C01-558	1/20/1992	1/23/1992	563	97.9	538	558	168	70.10	395	1	12
CS-C02-062	12/17/1991	1/15/1992	62	39.6	32	62	57	17.40	5	0.33	13.2
CS-C02-180	12/17/1991	1/15/1992	180	39.8	140	180	110	70.20	70	0.33	6.2
CS-C02-250	12/17/1991	1/15/1992	250	39.9	230	250	110	70.10	140	0.33	6.1
CS-C02-335	12/17/1991	1/15/1992	335	40.4	315	335	110	69.60	225	0.5	11.6
CS-C03-100	12/19/1991	1/16/1992	100	54.6	60	100	95	40.40	5	0.33	11.2
CS-C03-325	1/14/1992	1/16/1992	325	56.2	295	325	126	69.80	199	0.5	10.6
CS-C03-465	1/14/1992	1/16/1992	465	56.7	425	465	127	70.30	338	0.5	10.2
CS-C03-550	1/14/1992	1/16/1992	550	56.6	530	550	127	70.40	423	0.75	12.5
CS-C04-290	12/20/1991	1/16/1992	290	49.4	260	290	119	69.60	171	0.5	10.1
CS-C04-382	12/20/1991	1/16/1992	382	50.2	362	382	120	69.80	262	0.5	9.4
CS-C04-520	1/12/1992	1/16/1992	520	50.2	500	520	120	69.80	400	0.75	10.3
CS-C05-160	12/19/1991	1/16/1992	160	34	120	160	104	70.00	56	0.33	6.5
CS-C05-290	12/19/1991	1/16/1992	290	37	260	290	107	70.00	183	0.33	6.5
CS-C06-185	1/13/1992	1/16/1992	185	36.8	155	185	107	70.20	78	0.33	6.1
CS-C06-278	1/13/1992	1/16/1992	278	38.8	258	278	109	70.20	169	0.33	6.2
CS-VPB-01	3/10/1994	3/12/1994	96	60	76.13	95.55	81	21.00	15	1	7.5
CS-VPB-02	12/18/1991	1/15/1992	96	67.4	76.3	96.6	95	27.60	1	0.33	6.2
CS-VPB-03	1/8/1992	1/16/1992	96	60.6	76	96	91	30.40	5	0.33	10.8
CS-VPB-04	7/18/2006	7/19/2006	80	48.1	50	80	70	21.90	10	0.5	7.5
CS-VPB-05	1/8/1992	1/16/1992	61	42.0	41.41	61.37	55	13.00	6	0.5	7
CS-VPB-06	12/19/1991	1/16/1992	77	37.3	56.64	76.64	71	33.70	6	0.33	12.7
CS-VPB-07	1/8/1992	1/23/1992	92	54.8	71.34	91.88	80	25.20	12	0.5	6.5
CS-VPB-08	5/10/2003	5/10/2003	82	62.8	61.65	81.69	75	12.20	7	0.5	7
CS-VPB-09	1/8/1992	1/16/1992	77	54.8	56.43	76.43	71	16.20	6	0.33	11.1
CS-VPB-10	12/20/1991	1/16/1992	101	62.8	81.66	92.66	96	33.20	5	0.33	10.2
CS-VPB-11	12/19/1991	1/16/1992	116	81.9	95.78	116.08	109	27.10	7	0.33	8.2
NH-C01-325	12/13/1991	1/14/1992	330	298.6	275	325	325	26.40	5	1	6.4
NH-C01-450	1/9/1992	1/23/1992	453	298.7	400	450	369	70.30	84	1.5	8.1
NH-C01-660	1/9/1992	1/23/1992	662	302.7	630	660	373	70.30	289	1.5	7.5
NH-C01-780	1/9/1992	1/23/1992	785	304.1	740	780	374	69.90	411	1.5	7.5

TABLE C-1
Submersible Pump Installation Data
San Fernando Valley Basin - Groundwater Monitoring Program

Well Name	Pump Installation Date	Pump Test Date	Total Depth of Well (ft bgs)	Depth to Water (DTW) (ft bgs)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Pump Setting (ft bgs)	Distance from DTW to Pump (ft)	Distance from Pump to Bottom (ft)	Grundfos Horse-power (HP)	Test Flow Rate (gpm)
NH-C02-220	12/15/1991	1/14/1992	225	179.9	170	220	213	33.10	12	0.75	8.8
NH-C02-325	12/15/1991	1/14/1992	325	182.1	275	325	252	69.90	73	0.75	5.4
NH-C02-520	1/11/1992	1/14/1992	520	191.2	470	520	261	69.80	259	1	8.6
NH-C02-681	1/11/1992	1/14/1992	686	191.6	641	681	262	70.40	424	1.5	11.6
NH-C03-380	1/10/1992	1/17/1992	380	246.8	340	380	317	70.20	63	1	5.6
NH-C03-580	12/18/1991	1/14/1992	580	235	540	580	305	70.00	275	1.5	10.8
NH-C03-680	1/10/1992	1/17/1992	680	234.7	640	680	305	70.30	375	1.5	10.9
NH-C03-800	1/10/1992	1/17/1992	800	249.9	760	800	320	70.10	480	1.5	9.8
NH-C04-240	12/17/1991	1/15/1992	240	94	210	240	164	70.00	76	0.5	7.2
NH-C04-375	1/13/1992	1/15/1992	375	114.6	325	375	185	70.40	190	0.75	9.9
NH-C04-560	1/13/1992	1/15/1992	565	86.2	510	560	156	69.80	409	1	12.8
NH-C05-320	1/6/1992	1/14/1992	320	308.6	270	320	315	6.40	5	1	5.6
NH-C05-460	1/6/1992	1/14/1992	465	307.7	390	460	378	70.30	87	1.5	7.8
NH-C06-160	12/16/1991	1/14/1992	162	120.5	110	160	157	36.50	5	0.5	6
NH-C06-285	1/23/1992	1/24/1992	290	125.8	235	285	196	70.20	94	0.75	9
NH-C06-425	1/12/1992	1/14/1992	430	131.3	365	425	201	69.70	229	0.75	9.6
NH-VPB-01	12/16/1991	1/15/1992	146	103.9	125.44	145.44	136	32.10	10	0.33	5.1
NH-VPB-02	1/8/1992	1/17/1992	261	231	241.6	261.6	255	24.00	6	0.75	6.3
NH-VPB-03	1/7/1992	1/17/1992	220	125.4	200.05	220.35	210	84.60	10	0.75	8.8
NH-VPB-04	1/23/1992	1/23/1992	181	154.7	160.47	180.77	175	20.30	6	0.5	6.5
NH-VPB-05	12/14/1991	1/14/1992	205	180.5	185.16	205.46	202	21.50	3	0.75	10.1
NH-VPB-06	3/11/1994	3/13/1994	307	280	287.43	307.73	300	20.00	7	1.5	7
NH-VPB-07	3/11/1994	3/13/1994	290	278	270.58	290.88	280	2.00	10	1.5	7
NH-VPB-08	3/12/1994	3/14/1994	225	198	205	225.55	215	17.00	10	1.5	7
NH-VPB-09	12/14/1991	1/15/1992	291	275.1	271.06	291.46	288	12.90	3	1	7
NH-VPB-10	1/7/1992	1/23/1992	326	238.3	305.42	325.72	308	69.70	18	1	1
NH-VPB-11	3/15/1994	3/17/1994	321	295.6	301.14	321.44	319	23.40	2	1.5	5
NH-VPB-12	1/8/1992	1/23/1992	160	134.6	140.02	160.32	155	20.40	5	0.5	4
NH-VPB-13	3/13/1994	3/15/1994	375	353	356.24	375.54	374	21.00	1	1.5	4.5
NH-VPB-14	3/17/1994	3/18/1994	112	95	91.71	112.01	107	12.00	5	0.5	7
PO-C01-195	1/15/1992	1/17/1992	195	41.8	175	195	112	70.20	83	0.33	5.7
PO-C01-354	1/15/1992	1/17/1992	359	40.9	324	354	111	70.10	248	0.5	11.8
PO-C02-053	2/15/1992	2/16/1992	57	43.6	22	52	52	8.40	5	0.33	11.9

TABLE C-1
Submersible Pump Installation Data
San Fernando Valley Basin - Groundwater Monitoring Program

Well Name	Pump Installation Date	Pump Test Date	Total Depth of Well (ft bgs)	Depth to Water (DTW) (ft bgs)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Pump Setting (ft bgs)	Distance from DTW to Pump (ft)	Distance from Pump to Bottom (ft)	Grundfos Horse-power (HP)	Test Flow Rate (gpm)
PO-C02-205	2/15/1992	2/16/1992	210	43.8	175	205	114	70.20	96	0.33	5.2
PO-C03-182	12/21/1991	1/21/1992	185	43.8	162	182	114	70.20	71	0.33	7.9
PO-C03-235	1/21/1992	1/21/1992	240	44	205	235	114	70.00	126	0.33	5
PO-VPB-01	12/20/1991	1/21/1992	61	27.2	41.25	61.25	56	28.80	5	0.33	12.1
PO-VPB-02	3/17/1994	3/18/1994	71	40	50.59	70.66	65	25.00	6	0.33	6.5
PO-VPB-03	7/15/1992	7/16/1992	71	36	50.75	70.82	65	29.00	6	0.33	7.5
PO-VPB-04	No Pump	No Pump	115	NA	94.44	114.5	NA	NA	NA	NA	NA
PO-VPB-05	1/21/1992	1/21/1992	66	32.3	45.78	65.78	61	28.70	5	0.33	13.1
PO-VPB-06	1/14/1992	1/21/1992	51	23.9	31.22	51.21	46	22.10	5	0.33	13.5
PO-VPB-07	3/18/1994	3/19/1994	91	22	70.79	90.88	86	64.00	5	0.33	7.5
PO-VPB-08	12/21/1991	1/21/1992	46	19.8	25.88	46	41	21.20	5	0.33	14.3
PO-VPB-09	No Pump	No Pump	56	NA	35.87	55.92	NA	NA	NA	NA	NA
PO-VPB-10	1/15/1992	1/17/1992	91	62.9	70.7	90.81	86	23.10	5	0.33	4.8
PO-VPB-11	No Pump	No Pump	106	NA	85.48	105.51	NA	NA	NA	NA	NA
VD-VPB-01	1/21/1992	1/23/1992	210	202.6	189.8	209.84	208	5.40	2	0.75	NA
VD-VPB-02	1/23/1992	1/24/1992	136	124	115.96	135.72	131	7.00	5	0.5	9.5
VD-VPB-03	1/22/1992	1/24/1992	46	21.1	25.48	45.58	40	18.90	6	0.33	13.5
VD-VPB-04	1/23/1992	1/24/1992	116	89.1	96.09	116	111	21.90	5	0.33	5.5
VD-VPB-05	1/22/1992	1/24/1992	156	143.8	135.62	156.43	151	7.20	5	0.5	NA
VD-VPB-06	1/22/1992	1/23/1992	96	76.4	75.95	96	91	14.60	5	0.33	9
VD-VPB-07	1/22/1992	1/23/1992	216	202.5	195.88	215.92	211	8.50	5	0.75	8

Notes:

Total Depth of well from May 1991 Quarterly Sampling Plan, (J.M.M.) and well construction details
Depth to Water from sampling event concurrent with pump test
bgs = below ground surface
gpm = gallons per minute

Appendix D
Cross-Reference Tables and Field QA/QC Forms

FIELD QA/QC SUMMARY FORM

Instructions: Complete one form per laboratory and per matrix for each sampling event.

Date:	**4/13/06**	**Site:**	**SFVB (WA246)**
Sampler:	**Daantje Meijer**	**Case#:**	**R06S41 (SFV-NH wells only)**
Office:	**CH2M HILL/SCO**	**Laboratory:**	**APCLabs**

Matrix:(Check one)							
X	Groundwater		Surface Soil		Air		
	Surface Water		Subsurface Soil		Other		

I. BLANKS						**II. BACKGROUND SAMPLES**			
Sample #	**Type (circle one)**			**Date Collected**		**Sample #**	**Date Collected**		
M2FA4	Equip	Field	Travel	3/14/06					
MY2FB1	Equip	Field	Travel	3/15/06					
MY2FB7	Equip	Field	Travel	3/16/06					
MY2FE9	Equip	Field	Travel	3/23/06					
	Equip	Field	Travel						
	Equip	Field	Travel			**III. LAB QC SAMPLES**			
	Equip	Field	Travel			**Sample #**	**Date Collected**		
	Equip	Field	Travel						
	Equip	Field	Travel						
	Equip	Field	Travel						
	Equip	Field	Travel						
	Equip	Field	Travel						
	Equip	Field	Travel						
	Equip	Field	Travel						
	Equip	Field	Travel						

IV. DUPLICATES										
Sample #	**Matches**	**Sample #**	**Date Collected**	**Type (circle one)**						
MY2FB5		Y2FB6	3/16/06	a	b	c	d	a= composite split		
				a	b	c	d	b= consecutive		
				a	b	c	d	c= co-located		
				a	b	c	d	d= soil sleeves		
				a	b	c	d			
				a	b	c	d			
				a	b	c	d			
				a	b	c	d			
				a	b	c	d			
				a	b	c	d			
				a	b	c	d			
				a	b	c	d			

V. CHECKLIST OF FIELD PROBLEMS ENCOUNTERED				
Problem		**Sample #**	**Date (s) of Occurrence**	**Comments**
X	None			
	Pumping Equipment Problems			
	Sample Filtering Problems			
	Less Than Required Sample Volume			
	Low Flow/Recharge Rates			
	Preservation Problems			
	Samples Not Shipped in 24 hrs.			
	Federal Express Delay			
X	NOTE – TOC samples collected from selected North Hollywood wells only			

FIELD QA/QC SUMMARY FORM

Instructions: Complete one form per laboratory and per matrix for each sampling event.

Date:	**4/10/06**	**Site:**	**SFVB (WA246)**
Sampler:	**Daantje Meijer**	**Case#:**	**35157 (SFV – all wells vocs)**
Office:	**CH2M HILL/SCO**	**Laboratory:**	**LIBERTY ANALYTICAL**

Matrix:(Check one)							
X	Groundwater		Surface Soil		Air		
	Surface Water		Subsurface Soil		Other		

I. BLANKS

Sample #	**Type (circle one)**			**Date Collected**
Y2FA4	Equip	Field	Travel	3/14/06
Y2FB1	Equip	Field	Travel	3/15/06
Y2FB7	Equip	Field	Travel	3/16/06
Y2FB4	Equip	Field	Travel	3/17/06
Y2FC6	Equip	Field	Travel	3/17/06
Y2FD3	Equip	Field	Travel	3/21/06
Y2FD8	Equip	Field	Travel	3/22/06
Y2FE9	Equip	Field	Travel	3/23/06
Y2FF1	Equip	Field	Travel	3/24/06
Y2FF8	Equip	Field	Travel	3/27/06
Y2FG5	Equip	Field	Travel	3/28/06
	Equip	Field	Travel	
	Equip	Field	Travel	
	Equip	Field	Travel	
	Equip	Field	Travel	

II. BACKGROUND SAMPLES

Sample #	**Date Collected**

III. LAB QC SAMPLES

Sample #	**Date Collected**
Y2FD4	3/21/06
Y2FG0	3/27/06

IV. DUPLICATES

Sample #	**Matches**	**Sample #**	**Date Collected**	**Type (circle one)**				
Y2FB5		Y2FB6	3/16/06	a	b	c	d	a= composite split
Y2FC1		Y2FC2	3/17/06	a	b	c	d	b= consecutive
Y2FC7		Y2FC8	3/17/06	a	b	c	d	c= co-located
Y2FD0		Y2FD1	3/17/06	a	b	c	d	d= soil sleeves
Y2FE1		Y2FE2	3/22/06	a	b	c	d	
Y2FF7		Y2FF9	3/27/06	a	b	c	d	
Y2FG3		Y2FG4	3/28/06	a	b	c	d	
				a	b	c	d	
				a	b	c	d	
				a	b	c	d	
				a	b	c	d	
				a	b	c	d	

V. CHECKLIST OF FIELD PROBLEMS ENCOUNTERED

	Problem	**Sample #**	**Date (s) of Occurrence**	**Comments**
X	None			
	Pumping Equipment Problems			
	Sample Filtering Problems			
	Less Than Required Sample Volume			
	Low Flow/Recharge Rates			
	Preservation Problems			
	Samples Not Shipped in 24 hrs.			
	Federal Express Delay			
X	NOTE – VOCs (+mtbe) samples collected from all SFV wells			

FIELD QA/QC SUMMARY FORM

Instructions: Complete one form per laboratory and per matrix for each sampling event.

Date:	**4/13/06**	**Site:**	**SFVB (WA246)**
Sampler:	**Daantje Meijer**	**Case#:**	**R06S41 (SFV-NH wells only)**
Office:	**CH2M HILL/SCO**	**Laboratory:**	**EPA Region 9 Laboratory**

Matrix:(Check one)							
X	Groundwater		Surface Soil		Air		
	Surface Water		Subsurface Soil		Other		

I. BLANKS

Sample #	**Type (circle one)**			**Date Collected**	
MY2FA4	Equip	Field	Travel	3/14/06	
MY2FB1	Equip	Field	Travel	3/15/06	
MY2FB7	Equip	Field	Travel	3/16/06	
MY2FE9	Equip	Field	Travel	3/23/06	
	Equip	Field	Travel		
	Equip	Field	Travel		
	Equip	Field	Travel		
	Equip	Field	Travel		
	Equip	Field	Travel		
	Equip	Field	Travel		
	Equip	Field	Travel		
	Equip	Field	Travel		
	Equip	Field	Travel		
	Equip	Field	Travel		
	Equip	Field	Travel		
	Equip	Field	Travel		
	Equip	Field	Travel		

II. BACKGROUND SAMPLES

Sample #	**Date Collected**		

III. LAB QC SAMPLES

Sample #	**Date Collected**		

IV. DUPLICATES

Sample #	**Matches**	**Sample #**	**Date Collected**	**Type (circle one)**				
MY2FB5		Y2FB6	3/16/06	a	b	c	d	a= composite split
				a	b	c	d	b= consecutive
				a	b	c	d	c= co-located
				a	b	c	d	d= soil sleeves
				a	b	c	d	
				a	b	c	d	
				a	b	c	d	
				a	b	c	d	
				a	b	c	d	
				a	b	c	d	
				a	b	c	d	
				a	b	c	d	
				a	b	c	d	

V. CHECKLIST OF FIELD PROBLEMS ENCOUNTERED

	Problem	**Sample #**	**Date (s) of Occurrence**	**Comments**
X	None			
	Pumping Equipment Problems			
	Sample Filtering Problems			
	Less Than Required Sample Volume			
	Low Flow/Recharge Rates			
	Preservation Problems			
	Samples Not Shipped in 24 hrs.			
	Federal Express Delay			
X	NOTE – 1,4-dioxane, dissolved metals, perchlorate, sulfide, inorganic ion samples collected from selected North Hollywood wells only			

FIELD QA/QC SUMMARY FORM

Instructions: Complete one form per laboratory and per matrix for each sampling event.

Date:	**4/13/06**	**Site:**	**SFVB (WA246)**
Sampler:	**Daantje Meijer**	**Case#:**	**R06S37 (SFV all wells Cr6 & NO3)**
Office:	**CH2M HILL/SCO**	**Laboratory:**	**EPA Region 9 Laboratory**

Matrix:(Check one)							
X	Groundwater		Surface Soil		Air		
	Surface Water		Subsurface Soil		Other		

I. BLANKS						**II. BACKGROUND SAMPLES**			
Sample #	**Type (circle one)**			**Date Collected**		**Sample #**	**Date Collected**		
MY2FA4	Equip	Field	Travel	3/14/06					
MY2FB1	Equip	Field	Travel	3/15/06					
MY2FB7	Equip	Field	Travel	3/16/06					
MY2FB4	Equip	Field	Travel	3/17/06					
MY2FC6	Equip	Field	Travel	3/17/06					
MY2FD3	Equip	Field	Travel	3/21/06		**III. LAB QC SAMPLES**			
MY2FD8	Equip	Field	Travel	3/22/06		**Sample #**	**Date Collected**		
MY2FE9	Equip	Field	Travel	3/23/06		MY2FD4	3/21/06		
MY2FF1	Equip	Field	Travel	3/24/06		MY2FG0	3/27/06		
MY2FF8	Equip	Field	Travel	3/27/06					
MY2FG5	Equip	Field	Travel	3/28/06					
	Equip	Field	Travel						
	Equip	Field	Travel						
	Equip	Field	Travel						

IV. DUPLICATES									
Sample #	**Matches**	**Sample #**	**Date Collected**	**Type (circle one)**					
MY2FB5		MY2FB6	3/16/06	a	b	c	d	a= composite split	
MY2FC1		MY2FC2	3/17/06	a	b	c	d	b= consecutive	
MY2FC7		MY2FC8	3/17/06	a	b	c	d	c= co-located	
MY2FD0		MY2FD1	3/17/06	a	b	c	d	d= soil sleeves	
MY2FE1		MY2FE2	3/22/06	a	b	c	d		
MY2FF7		MY2FF9	3/27/06	a	b	c	d		
MY2FG3		MY2FG4	3/28/06	a	b	c	d		
				a	b	c	d		
				a	b	c	d		
				a	b	c	d		
				a	b	c	d		
				a	b	c	d		

V. CHECKLIST OF FIELD PROBLEMS ENCOUNTERED				
Problem		**Sample #**	**Date (s) of Occurrence**	**Comments**
X	None			
	Pumping Equipment Problems			
	Sample Filtering Problems			
	Less Than Required Sample Volume			
	Low Flow/Recharge Rates			
	Preservation Problems			
	Samples Not Shipped in 24 hrs.			
	Federal Express Delay			
X	NOTE – Cr6 and nitrate samples collected from all SFV wells			

SAMPLE CROSS-REFERENCE LIST [REVISED 4/14/06]

San Fernando Valley Basinwide (WA246 - 335382.FI.04)

2006 First Quarter Sampling Event (03/06)

Laboratory				Cr6 - Nitrate	EPA R9	Liberty Analytical	APC&H Laboratory	APC&H Laboratory	Note: there are 2 separate Region 9 Case #s for this sample event, for cost-recovery purposes. Additional analyses were performed on selected NHOU monitoring wells. Note 2: Only VOCs (Liberty), 1,2,3-TCP and NDMA (APC&H) have ID begining with just "Y" all others have ID begining with "MY"
Laboratory Case Number (IDs)				R06S37	R06S41	35157	R06S41	R06S41	
Analyses				Cr6 - Nitrate	1,4-diox; Metals; Inorganics; Perchlorate; Sulfide	VOCs (+mtbe)	1,2,3-TCP; NDMA	TOC	
Well ID	Station #	Date	Time	R9 ID#	R9 ID#	R9 ID#	R9 ID#	R9 ID#	Notes
NH-C02-325	1	3/14/2006	1255	MY2AF2	MY2AF2	Y2FA2	Y2FA2	MY2AF2	
NH-VPB-05	2	3/14/2006	1427	MY2FA3	MY2AF2	Y2FA3	Y2FA3	MY2FA3	
NH-VPB-08 (B)	3	3/14/2006	1630	MY2FA4	MY2AF2	Y2FA4	Y2FA4	MY2FA4	Field Blank 1
NH-C03-580	4	3/15/2006	937	MY2FA5		Y2FA5			
NH-C03-680	5	3/15/2006	945	MY2FA6		Y2FA6			
NH-C03-380	6	3/15/2006	1040	MY2FA7	MY2FA7	Y2FA7		MY2FA7	
NH-C06-160	7	3/15/2006	1315	MY2FA8	MY2FA8	Y2FA8		MY2FA8	
NH-C06-285	8	3/15/2006	1325	MY2FA9		Y2FA9			
CS-C01-105	9	3/15/2006	1437	MY2FB0		Y2FB0			
CS-C01-105 (B)	10	3/15/2006	1505	MY2FB1	MY2FB1	Y2FB1		MY2FB1	Field Blank 2
NH-VPB-02	11	3/16/2006	949	MY2FB2	MY2FB2	Y2FB2		MY2FB2	
NH-VPB-07	12	3/16/2006	1045	MY2FB3	MY2FB3	Y2FB3		MY2FB3	
NH-VPB-01	13	3/16/2006	1330	MY2FB5	MY2FB5	Y2FB5		MY2FB5	Dup 1
NH-VPB-01 (D)	14	3/16/2006	1400	MY2FB6	MY2FB6	Y2FB6		MY2FB6	Dup 1
NH-VPB-01 (B)	15	3/16/2006	1500	MY2FB7	MY2FB7	Y2FB7		MY2FB7	Field Blank 3
CS-VPB-03	16	3/17/2006	757	MY2FB8		Y2FB8			
CS-VPB-03 (B)	17	3/17/2006	810	MY2FB4		Y2FB4			Field Blank 4
CS-C03-465	18	3/17/2006	1026	MY2FB9		Y2FB9			
CS-C04-290	19	3/17/2006	1157	MY2FC0		Y2FC0			
CS-C04-382	20	3/17/2006	1207	MY2FC1		Y2FC1			Dup 2
CS-C04-382 (D)	21	3/17/2006	1230	MY2FC2		Y2FC2			Dup 2
CS-C05-160	22	3/17/2006	1333	MY2FC3		Y2FC3			
CS-C05-290	23	3/17/2006	1403	MY2FC4		Y2FC4			
CS-VPB-09	24	3/17/2006	810	MY2FC5		Y2FC5			
CS-VPB-09 (B)	25	3/17/2006	830	MY2FC6		Y2FC6			Field Blank 5
CS-VPB-10	26	3/17/2006	905	MY2FC7		Y2FC7			Dup 3
CS-VPB-10(D)	27	3/17/2006	920	MY2FC8		Y2FC8			Dup 3
CS-C06-185	28	3/20/2006	1021	MY2FC9		Y2FC9			
PO-VPB-01	29	3/17/2006	1200	MY2FD0		Y2FD0			Dup 4
PO-VPB-01(D)	30	3/17/2006	1220	MY2FD1		Y2FD1			Dup 4
PO-C01-195	31	3/21/2006	915	MY2FD2		Y2FD2			
PO-C01-195 (B)	32	3/21/2006	930	MY2FD3		Y2FD3			Field Blank 6
PO-C03-182 (L)	33	3/21/2006	1330	MY2FD4		Y2FD4			LAB QC
PO-C02-053	34	3/21/2006	1255	MY2FD5		Y2FD5			
PO-VPB-10	35	3/21/2006	1420	MY2FD6		Y2FD6			
VD-VPB-02	36	3/22/2006	910	MY2FD7		Y2FD7			
VD-VPB-02(D)	37	3/22/2006	930	MY2FD8		Y2FD8			Field Blank 7
VD-VPB-01	38	3/22/2006	1010	MY2FD9		Y2FD9			
VD-VPB-06	39	3/22/2006	1100	MY2FE0		Y2FE0			
VD-VPB-07	40	3/22/2006	1145	MY2FE1		Y2FE1			Dup 5
VD-VPB-07 (D)	41	3/22/2006	1225	MY2FE2		Y2FE2			Dup 5
VD-VPB-05	42	3/22/2006	1250	MY2FE3		Y2FE3			
VD-VPB-03	43	3/22/2006	1345	MY2FE4		Y2FE4			
NH-C02-220	44	3/23/2006	845	MY2FE5	MY2FE5	Y2FE5		MY2FE5	
NH-C02-520	45	3/23/2006	945	MY2FE6		Y2FE6			
NH-VPB-06	46	3/23/2006	1115	MY2FE7	MY2FE7	Y2FE7		MY2FE7	
NH-C05-460	47	3/23/2006	1245	MY2FE8		Y2FE8			

SAMPLE CROSS-REFERENCE LIST [REVISED 4/14/06]

San Fernando Valley Basinwide (WA246 - 335382.FI.04)

2006 First Quarter Sampling Event (03/06)

Laboratory				Cr6 - Nitrate	EPA R9	Liberty Analytical	APC&H Laboratory	APC&H Laboratory	Note: there are 2 separate Region 9 Case #s for this sample event, for cost-recovery purposes. Additional analyses were performed on selected NHOU monitoring wells. Note 2: Only VOCs (Liberty), 1,2,3-TCP and NDMA (APC&H) have ID begining with just "Y" all others have ID begining with "MY"
Laboratory Case Number (IDs)				R06S37	R06S41	35157	R06S41	R06S41	
Analyses				Cr6 - Nitrate	1,4-diox; Metals; Inorganics; Perchlorate; Sulfide	VOCs (+mtbe)	1,2,3-TCP; NDMA	TOC	
Well ID	Station #	Date	Time	R9 ID#	R9 ID#	R9 ID#	R9 ID#	R9 ID#	Notes
NH-C05-460 (B)	48	3/23/2006	1400	MY2FE9	MY2FE9	Y2FE9		MY2FE9	
CS-VPB-01	49	3/24/2006	810	MY2FF0		Y2FF0			
CS-VPB-01 (B)	50	3/24/2006	830	MY2FF1		Y2FF1			Field Blank 8
CS-C02-335	51	3/24/2006	1005	MY2FF2		Y2FF2			
CS-C02-250	52	3/24/2006	1010	MY2FF3		Y2FF3			
CS-C02-062	53	3/24/2006	1025	MY2FF4		Y2FF4			
CS-C02-180	54	3/24/2006	1100	MY2FF5		Y2FF5			
PO-VPB-07	55	3/24/2006	1315	MY2FF6		Y2FF6			
CS-C01-285	56	3/27/2006	920	MY2FF7		Y2FF7			Dup 6
CS-C01-285 (B)	57	3/27/2006	930	MY2FF8		Y2FF8			Field Blank 9
CS-C01-285 (D)	58	3/27/2006	940	MY2FF9		Y2FF9			Dup 6
CS-C03-100 (L)	59	3/27/2006	1035	MY2FG0		Y2FG0			LAB QC
CS-VPB-05	60	3/27/2006	1115	MY2FG1		Y2FG1			
CS-VPB-06	61	3/27/2006	1155	MY2FG2		Y2FG2			
CS-VPB-07	62	3/28/2006	800	MY2FG3		Y2FG3			Dup 7
CS-VPB-07 (D)	63	3/28/2006	810	MY2FG4		Y2FG4			Dup 7
CS-VPB-07 (B)	64	3/28/2006	830	MY2FG5		Y2FG5			Field Blank 10
PO-VPB-02	65	3/28/2006	845	MY2FG6		Y2FG6			
CS-VPB-04	INOP								Pump Inoperable
CS-VPB-08 (L)	INOP								Pump Inoperable
CS-VPB-11	INOP								Pump Inoperable
NH-VPB-08	INOP								Pump Inoperable
VD-VPB-04	INOP								Pump Inoperable
NH-C01-325	INOP								Pipe seperated above pump
NH-C01-450	INOP								Pipe seperated above pump
NH-C02-220	INOP								Sampled but Pipe seperated
PO-VPB-03	INOP								Pipe seperated above pump
NH-C05-320	INOP								No H2O to surface
NH-VPB-03	INOP								No H2O to surface
NH-VPB-04	INOP								No H2O to surface
PO-VPB-08 (L)	INOP								No H2O to surface

Note:
14 samples (highlighted in yellow) collected for full analytical suite with samples sent to all laboratories.
Remaining samples only collected for VOCs, nitrate, and Cr6

FIELD QA/QC SUMMARY FORM

Instructions: Complete **one form per laboratory** and per matrix for each sampling event.

Date:	**7/24/06**	**Site:**	**NHOU (WA211)**
Sampler:	**Daantje Meijer**	**Case #:**	**R06S65 and/or 35412 (nhou)**
Office:	**CH2M HILL/SCO**	**Laboratory:**	**ACOE Del Mar Labs [1,2,3-TCP & NDMA]**

Matrix:(Check one)							
X	Groundwater		Surface Soil		Air		
	Surface Water		Subsurface Soil		Other		

I. BLANKS

Sample #	**Type (circle one)**			**Date Collected**
MY2J42		Field		6/21/06
MY2J51		Field		6/22/06
MY2J58		Field		6/23/06
MY2J92	Equip	Field	Travel	7/7/06
	Equip	Field	Travel	
	Equip	Field	Travel	
	Equip	Field	Travel	
	Equip	Field	Travel	

II. BACKGROUND SAMPLES

Sample #	**Date Collected**		

III. LAB QC SAMPLES

Sample #	**Date Collected**		

IV. DUPLICATES

Sample #	**Matches**	**Sample #**	**Date Collected**	**Type (circle one)**				
MY2J52		MY2J53	6/23/06	a	b	c	d	a= composite split
MY2J95		MY2J96	7/7/06	a	b	c	d	b= consecutive
				a	b	c	d	
				a	b	c	d	c= co-located
				a	b	c	d	d= soil sleeves
				a	b	c	d	
				a	b	c	d	
				a	b	c	d	
				a	b	c	d	
				a	b	c	d	
				a	b	c	d	

V. CHECKLIST OF FIELD PROBLEMS ENCOUNTERED

	Problem	**Sample #**	**Date (s) of Occurrence**	**Comments**
X	None			
	Pumping Equipment Problems			
	Sample Filtering Problems			
	Less Than Required Sample Volume			
	Low Flow/Recharge Rates			
	Preservation Problems			
	Samples Not Shipped in 24 hrs.			
	Federal Express Delay			
X	**1,2,3-TCP & NDMA samples collected at selected NHOU monitoring wells only**			

FIELD QA/QC SUMMARY FORM

Instructions: Complete **one form per laboratory** and per matrix for each sampling event.

Date:	**7/24/06**	**Site:**	**NHOU (WA211)**
Sampler:	**Daantje Meijer**	**Case #:**	**R06S65 and/or 35412 (nhou)**
Office:	**CH2M HILL/SCO**	**Laboratory:**	**ACOE EMAX Laboratories [TOC]**

Matrix:(Check one)							
X	Groundwater		Surface Soil		Air		
	Surface Water		Subsurface Soil		Other		

I. BLANKS

Sample #	**Type (circle one)**			**Date Collected**
MY2J42		Field		6/21/06
MY2J51		Field		6/22/06
MY2J58		Field		6/23/06
MY2J92	Equip	Field	Travel	7/7/06
	Equip	Field	Travel	
	Equip	Field	Travel	
	Equip	Field	Travel	
	Equip	Field	Travel	

II. BACKGROUND SAMPLES

Sample #	**Date Collected**		

III. LAB QC SAMPLES

Sample #	**Date Collected**		

IV. DUPLICATES

Sample #	**Matches**	**Sample #**	**Date Collected**	**Type (circle one)**				
MY2J52		MY2J53	6/23/06	a	b	c	d	a= composite split
MY2J95		MY2J96	7/7/06	a	b	c	d	b= consecutive
				a	b	c	d	
				a	b	c	d	c= co-located
				a	b	c	d	d= soil sleeves
				a	b	c	d	
				a	b	c	d	
				a	b	c	d	
				a	b	c	d	
				a	b	c	d	
				a	b	c	d	

V. CHECKLIST OF FIELD PROBLEMS ENCOUNTERED

	Problem	**Sample #**	**Date (s) of Occurrence**	**Comments**
X	None			
	Pumping Equipment Problems			
	Sample Filtering Problems			
	Less Than Required Sample Volume			
	Low Flow/Recharge Rates			
	Preservation Problems			
	Samples Not Shipped in 24 hrs.			
	Federal Express Delay			
X	**TOC samples collected at selected NHOU monitoring wells only**			

FIELD QA/QC SUMMARY FORM

Instructions: Complete **one form per laboratory** and per matrix for each sampling event.

Date:	**7/24/06**	**Site:**	**NHOU (WA211)**
Sampler:	**Daantje Meijer**	**Case #:**	**35412 (nhou)**
Office:	**CH2M HILL/SCO**	**Laboratory:**	**CLP Mitkem Laboratories [VOCs]**

Matrix:(Check one)							
X	Groundwater		Surface Soil		Air		
	Surface Water		Subsurface Soil		Other		

I. BLANKS

Sample #	**Type (circle one)**			**Date Collected**
MY2J42		Field		6/21/06
MY2J51		Field		6/22/06
MY2J58		Field		6/23/06
MY2J92	Equip	Field	Travel	7/7/06
	Equip	Field	Travel	
	Equip	Field	Travel	
	Equip	Field	Travel	
	Equip	Field	Travel	

II. BACKGROUND SAMPLES

Sample #	**Date Collected**		

III. LAB QC SAMPLES

Sample #	**Date Collected**		

IV. DUPLICATES

Sample #	**Matches**	**Sample #**	**Date Collected**	**Type (circle one)**				
MY2J52		MY2J53	6/23/06	a	b	c	d	a= composite split
MY2J95		MY2J96	7/7/06	a	b	c	d	b= consecutive
				a	b	c	d	
				a	b	c	d	c= co-located
				a	b	c	d	d= soil sleeves
				a	b	c	d	
				a	b	c	d	
				a	b	c	d	
				a	b	c	d	
				a	b	c	d	
				a	b	c	d	

V. CHECKLIST OF FIELD PROBLEMS ENCOUNTERED

	Problem	**Sample #**	**Date (s) of Occurrence**	**Comments**
X	None			
	Pumping Equipment Problems			
	Sample Filtering Problems			
	Less Than Required Sample Volume			
	Low Flow/Recharge Rates			
	Preservation Problems			
	Samples Not Shipped in 24 hrs.			
	Federal Express Delay			
X	**VOC samples to Mitkem Laboratories from NHOU monitoring wells only**			

FIELD QA/QC SUMMARY FORM

Instructions: Complete **one form per laboratory** and per matrix for each sampling event.

Date:	**7/24/06**	**Site:**	**SFV (WA246 Areas 1-4)**
Sampler:	**Daantje Meijer**	**Case #:**	**35411 (sfv)**
Office:	**CH2M HILL/SCO**	**Laboratory:**	**CLP DataChem Laboratories [VOCs]**

Matrix:(Check one)							
X	Groundwater		Surface Soil		Air		
	Surface Water		Subsurface Soil		Other		

I. BLANKS

Sample #	Type (circle one)			Date Collected
MY2J70	Equip	Field	Travel	6/27/06
MY2J82	Equip	Field	Travel	7/5/06
MY2J86	Equip	Field	Travel	7/6/06
MY2J99	Equip	Field	Travel	7/10/06
MY2J53	Equip	Field	Travel	7/11/06
MY2P62	Equip	Field	Travel	7/12/06

II. BACKGROUND SAMPLES

Sample #	Date Collected		

III. LAB QC SAMPLES

Sample #	Date Collected		
MY2J71	6/27/06		
MY2J78	7/5/06		
MY2J97	7/10/06		
MY2P58	7/11/06		

IV. DUPLICATES

Sample #	Matches	Sample #	Date Collected	Type (circle one)				
MY2J76		MY2J77	7/5/06	a	b	c	d	a= composite split
MY2J84		MY2J85	7/6/06	a	b	c	d	b= consecutive
MY2P50		MY2P51	7/11/06	a	b	c	d	c= co-located
MY2P60		MY2P61	7/12/06	a	b	c	d	d= soil sleeves
				a	b	c	d	
				a	b	c	d	
				a	b	c	d	
				a	b	c	d	
				a	b	c	d	
				a	b	c	d	
				a	b	c	d	

V. CHECKLIST OF FIELD PROBLEMS ENCOUNTERED

	Problem	Sample #	Date (s) of Occurrence	Comments
X	None			
	Pumping Equipment Problems			
	Sample Filtering Problems			
	Less Than Required Sample Volume			
	Low Flow/Recharge Rates			
	Preservation Problems			
	Samples Not Shipped in 24 hrs.			
	Federal Express Delay			
X	**VOC samples to DataChem Laboratories from all other SFV (area 1-4) monitoring wells**			

FIELD QA/QC SUMMARY FORM

Instructions: Complete **one form per laboratory** and per matrix for each sampling event.

Date:	**7/24/06**	**Site:**	**SFV (WA246 Areas 1-4) & NHOU (WA211)**
Sampler:	**Daantje Meijer**	**Case #:**	**R0S63 (sfv) & R0S65 (nhou)**
Office:	**CH2M HILL/SCO**	**Laboratory:**	**EPA Region 9 Laboratory [sfv-Cr6 & NO3; nhou-Cr6, NO3, Perch, 1,4-Diox, Alk, Sulfide, TDS]**

Matrix:(Check one)							
X	Groundwater		Surface Soil		Air		
	Surface Water		Subsurface Soil		Other		

I. BLANKS

Sample #	Type (circle one)			Date Collected
MY2J42		Field		6/21/06
MY2J51		Field		6/22/06
MY2J58		Field		6/23/06
MY2J59	Equip	Field	Travel	6/23/06
MY2J67	Equip	Field	Travel	6/26/06
MY2J70	Equip	Field	Travel	6/27/06
MY2J82	Equip	Field	Travel	7/5/06
MY2J86	Equip	Field	Travel	7/6/06
MY2J92	Equip	Field	Travel	7/7/06
MY2J99	Equip	Field	Travel	7/10/06
MY2J53	Equip	Field	Travel	7/11/06
MY2P62	Equip	Field	Travel	7/12/06

II. BACKGROUND SAMPLES

Sample #	Date Collected

III. LAB QC SAMPLES

Sample #	Date Collected
MY2J61	6/26/06
MY2J71	6/27/06
MY2J78	7/5/06
MY2J97	7/10/06
MY2P58	7/11/06

IV. DUPLICATES

Sample #	Matches	Sample #	Date Collected	Type (circle one)				
MY2J39		MY2J40	6/20/06	a	b	c	d	a= composite split
MY2J48		MY2J49	6/22/06	a	b	c	d	b= consecutive
MY2J52		MY2J53	6/23/06	a	b	c	d	c= co-located
MY2J62		MY2J63	6/26/06	a	b	c	d	d= soil sleeves
MY2J76		MY2J77	7/5/06	a	b	c	d	
MY2J84		MY2J85	7/6/06	a	b	c	d	
MY2J95		MY2J96	7/7/06	a	b	c	d	
MY2P50		MY2P51	7/11/06	a	b	c	d	
MY2P60		MY2P61	7/12/06	a	b	c	d	
				a	b	c	d	

V. CHECKLIST OF FIELD PROBLEMS ENCOUNTERED

	Problem	Sample #	Date (s) of Occurrence	Comments
X	None			
	Pumping Equipment Problems			
	Sample Filtering Problems			
	Less Than Required Sample Volume			
	Low Flow/Recharge Rates			
	Preservation Problems			
	Samples Not Shipped in 24 hrs.			
	Federal Express Delay			
X	**SFV and NHOU samples sent to Region 9 Laboratory from all RI monitor wells and facility monitor wells**			

FIELD QA/QC SUMMARY FORM

Instructions: Complete **one form per laboratory** and per matrix for each sampling event.

Date:	**7/24/06**	**Site:**	**SFV (WA246 Areas 1-4) & NHOU (WA211)**
Sampler:	**Daantje Meijer**	**Case #:**	**35411 (sfv) & 35412 (nhou)**
Office:	**CH2M HILL/SCO**	**Laboratory:**	**CLP Sentinel, Inc. [dissolved metals]**

Matrix:(Check one)							
X	Groundwater		Surface Soil		Air		
	Surface Water		Subsurface Soil		Other		

I. BLANKS						**II. BACKGROUND SAMPLES**			
Sample #	**Type (circle one)**			**Date Collected**		**Sample #**	**Date Collected**		
MY2J42		Field		6/21/06					
MY2J51		Field		6/22/06					
MY2J58		Field		6/23/06					
MY2J59	Equip	Field	Travel	6/23/06					
MY2J67	Equip	Field	Travel	6/26/06					
MY2J92	Equip	Field	Travel	7/7/06					
MY2P62	Equip	Field	Travel	7/12/06					
	Equip	Field	Travel						
	Equip	Field	Travel						
	Equip	Field	Travel			**III. LAB QC SAMPLES**			
	Equip	Field	Travel			**Sample #**	**Date Collected**		
	Equip	Field	Travel			MY2J61	6/26/06		

IV. DUPLICATES									
Sample #	**Matches**	**Sample #**	**Date Collected**	**Type (circle one)**					
MY2J39		MY2J40	6/20/06	a	b	c	d	a= composite split	
MY2J48		MY2J49	6/22/06	a	b	c	d	b= consecutive	
MY2J52		MY2J53	6/23/06	a	b	c	d	c= co-located	
MY2J62		MY2J63	6/26/06	a	b	c	d	d= soil sleeves	
MY2J95		MY2J96	7/7/06	a	b	c	d		
MY2P60		MY2P61	7/12/06	a	b	c	d		
				a	b	c	d		
				a	b	c	d		
				a	b	c	d		

V. CHECKLIST OF FIELD PROBLEMS ENCOUNTERED				
Problem		**Sample #**	**Date (s) of Occurrence**	**Comments**
X	None			
	Pumping Equipment Problems			
	Sample Filtering Problems			
	Less Than Required Sample Volume			
	Low Flow/Recharge Rates			
	Preservation Problems			
	Samples Not Shipped in 24 hrs.			
	Federal Express Delay			
X	**Dissolved Metals samples to Sentinel Laboratories from NHOU monitor wells, PRC-Desoto split sampling, and All Metals Facility**			

Sample ID Cross-Reference Table
2nd Quarter 2006 (June-July) Sample Event
San Fernando Groundwater Monitoring Program
San Fernando Basinwide WA 246 (335382.FI.04) and North Hollywood Operable Unit WA 211 (340130.FI.02)

Laboratory					SFV EPA R9	SFV CLP (SENTIN)	SFV CLP (DATAC)	NHOU EPA R9	NHOU CLP (SENTIN)	NHOU CLP (Mitkem)	ACOE assigned (EMAX)	ACOE assigned (Del Mar)	Note: there are 2 separate Region 9 Case #s for this sample event. An Expanded Analyte List of analyses were performed on selected NHOU monitoring wells (highlighted with yellow).
Laboratory Case Number (IDs)					R06S63	35411	35411	R06S65	35412	35412	R06S65	R06S65	
Analyses					Cr6 - Nitrate	Dissolved Metals (PRC split samples)	VOCs	Cr6 - Nitrate - Perchlorate - 1,4-Dioxane - Alkalinity - Sulfide - TDS	Dissolved Metals	VOCs	TOC	123-TCP - NDMA	
Well ID	**Station #**	**Date**	**Time**	**Sample Type**	**R06S63**	**35411**	**35411**	**R06S65**	**35412**	**35412**	**R06S65**	**R06S65**	**Notes**
V13CTAW8	88	6/20/06	10:40	PRC split	MY2J39	MY2J39							**Dup 1**
V13CTAW8 (D)	89	6/20/06	10:50	PRC split	MY2J40	MY2J40							**Dup 1**
NH-C03-380	1	6/20/06	9:30	nh +metals only				MY2J41	MY2J41	Y2J41			
NH-C03-380 (B)	2	6/21/06	10:00	nh + all				MY2J42	MY2J42	Y2J42	MY2J42	Y2J42	**Field Blank 1**
NH-C03-580	3	6/21/06	10:25	nh +metals only				MY2J43	MY2J43	Y2J43			
NH-VPB-06	4	6/21/06	12:00	nh +all				MY2J44	MY2J44	Y2J44	MY2J44	Y2J44	
NH-VPB-05	26	6/21/06	14:50	nh +metals only				MY2J45	MY2J45	Y2J45			
V13CTAW7	87	6/21/06	16:20	PRC split	MY2J46	MY2J46							
V13CTAW5	86	6/22/06	8:20	PRC split	MY2J47	MY2J47							
V13CTAW1	80	6/22/06	10:15	PRC split	MY2J48	MY2J48							**Dup 2**
V13CTAW1 (D)	81	6/22/06	10:45	PRC split	MY2J49	MY2J49							**Dup 2**
NH-VPB-01	30	6/22/06	14:00	nh +metals only				MY2J50	MY2J50	Y2J50			
NH-VPB-01 (B)	31	6/22/06	15:00	nh +metals only				MY2J51	MY2J51	Y2J51			**Field Blank 2**
NH-VPB-07	5	6/23/06	8:55	nh + all				MY2J52	MY2J52	Y2J52	MY2J52	Y2J52	**Dup 3**
NH-VPB-07 (D)	6	6/23/06	9:30	nh + all				MY2J53	MY2J53	Y2J53	MY2J53	Y2J53	**Dup 3**
NH-VPB-08	19	6/23/06	9:55	nh + all				MY2J54	MY2J54	Y2J54	MY2J54	Y2J54	
NH-VPB-04	20	6/23/06	11:25	nh + all				MY2J55	MY2J55	Y2J55	MY2J55	Y2J55	
NH-C06-285	29	6/23/06	13:25	nh +metals only				MY2J56	MY2J56	Y2J56			
V13CTAW2	82	6/23/06	13:30	PRC split	MY2J57	MY2J57							
NH-C06-285 (B)	28	6/23/06	15:30	nh + all				MY2J58	MY2J58	Y2J58	MY2J58	Y2J58	**Field Blank 3**
V13PRW12A (EB)	91	6/23/06	14:00	PRC split	MY2J59	MY2J59							**Equip Blank 1 (PRC)**
V13PRW12A	90	6/23/06	14:45	PRC split	MY2J60	MY2J60							
V13CTAW3 (L)	83	6/26/06	8:45	PRC split	MY2J61	MY2J61							**LAB QC 1**
V13PRW24	92	6/26/06	11:00	PRC split	MY2J62	MY2J62							**Dup 4**
V13PRW24 (D)	93	6/26/06	11:30	PRC split	MY2J63	MY2J63							**Dup 4**
V13PRW31	95	6/26/06	12:20	PRC split	MY2J64	MY2J64							
V13PRW26	94	6/26/06	14:15	PRC split	MY2J65	MY2J65							
V13CTAW4	84	6/26/06	15:05	PRC split	MY2J66	MY2J66							
V13CTAW4 (EB)	85	6/26/06	14:30	PRC split	MY2J67	MY2J67							**Equip Blank 2 (PRC)**
PO-VPB-07	77	6/27/06	8:40	voc-cr6-no3	MY2J68		Y2J68						
CS-VPB-09	54	6/27/06	10:00	voc-cr6-no3	MY2J69		Y2J69						
CS-VPB-09	55	6/27/06	10:40	voc-cr6-no3	MY2J70		Y2J70						**Field Blank 4**
CS-VPB-03 (L)	46	6/27/06	11:35	voc-cr6-no3	MY2J71		Y2J71						**LAB QC 2**
CS-C03-465	45	6/27/06	14:05	voc-cr6-no3	MY2J72		Y2J72						
VD-VPB-05	14	7/5/06	9:47	voc-cr6-no3	MY2J74		Y2J74						
VD-VPB-01	8	7/5/06	10:34	voc-cr6-no3	MY2J75		Y2J75						
VD-VPB-06	15	7/5/06	11:20	voc-cr6-no3	MY2J76		Y2J76						**Dup 5**
VD-VPB-06 (D)	16	7/5/06	12:00	voc-cr6-no3	MY2J77		Y2J77						**Dup 5**
VD-VPB-03 (L)	11	7/5/06	12:10	voc-cr6-no3	MY2J78		Y2J78						**LAB QC 3**
CS-C05-160	52	7/5/06	14:15	voc-cr6-no3	MY2J79		Y2J79						
CS-C05-290	53	7/5/06	14:55	voc-cr6-no3	MY2J80		Y2J80						
CS-VPB-10	58	7/5/06	15:55	voc-cr6-no3	MY2J81		Y2J81						
CS-VPB-10 (B)	59	7/5/06	16:20	voc-cr6-no3	MY2J82		Y2J82						**Field Blank 5**
CS-C04-290	48	7/6/06	9:00	voc-cr6-no3	MY2J83		Y2J83						
CS-C04-382	49	7/6/06	9:05	voc-cr6-no3	MY2J84		Y2J84						**Dup 6**
CS-C04-382 (D)	50	7/6/06	9:30	voc-cr6-no3	MY2J85		Y2J85						**Dup 6**
CS-VPB-11	75	7/6/06	10:40	voc-cr6-no3	MY2J73		Y2J73						
CS-VPB-11 (B)	76	7/6/06	11:10	voc-cr6-no3	MY2J86		Y2J86						**Field Blank 6**
CS-C06-185	57	7/6/06	12:00	voc-cr6-no3	MY2J87		Y2J87						
PO-C01-195	60	7/6/06	13:05	voc-cr6-no3	MY2J88		Y2J88						
PO-VPB-10	7	7/6/06	14:50	voc-cr6-no3	MY2J89		Y2J89						
VD-VPB-02	10	7/6/06	15:45	voc-cr6-no3	MY2J90		Y2J90						
NH-C01-325	66	7/7/06	9:30	nh + all				MY2J91	MY2J91	Y2J91	MY2J91	Y2J91	
NH-C01-325 (B)	67	7/7/06	10:30	nh + all				MY2J92	MY2J92	Y2J92	MY2J92	Y2J92	**Field Blank 7**
NH-C05-460	21	7/7/06	11:30	nh +metals only				MY2J93	MY2J93	Y2J93			
NH-C02-520	25	7/7/06	14:00	nh +metals only				MY2J94	MY2J94	Y2J94			
NH-C02-325	23	7/7/06	13:55	nh + all				MY2J95	MY2J95	Y2J95	MY2J95	Y2J95	**Dup 7**
NH-C02-325 (D)	24	7/7/06	14:45	nh + all				MY2J96	MY2J96	Y2J96	MY2J96	Y2J96	**Dup 7**

Sample ID Cross-Reference Table
2nd Quarter 2006 (June-July) Sample Event
San Fernando Groundwater Monitoring Program
San Fernando Basinwide WA 246 (335382.FI.04) and North Hollywood Operable Unit WA 211 (340130.FI.02)

Laboratory					SFV EPA R9	SFV CLP (SENTIN)	SFV CLP (DATAC)	NHOU EPA R9	NHOU CLP (SENTIN)	NHOU CLP (Mitkem)	ACOE assigned (EMAX)	ACOE assigned (Del Mar)	Note: there are 2 separate Region 9 Case #s for this sample event. An Expanded Analyte List of analyses were performed on selected NHOU monitoring wells (highlighted with yellow).
Laboratory Case Number (IDs)					R06S63	35411	35411	R06S65	35412	35412	R06S65	R06S65	
Analyses					Cr6 - Nitrate	Dissolved Metals (PRC split samples)	VOCs	Cr6 - Nitrate - Perchlorate - 1,4-Dioxane - Alkalinity - Sulfide - TDS	Dissolved Metals	VOCs	TOC	123-TCP - NDMA	
Well ID	Station #	Date	Time	Sample Type	R06S63	35411	35411	R06S65	35412	35412	R06S65	R06S65	Notes
CS-VPB-08 (L)	72	7/10/06	8:15	voc-cr6-no3	MY2J97		Y2J97						LAB QC 4
CS-C01-105	32	7/10/06	9:40	voc-cr6-no3	MY2J98		Y2J98						
CS-C01-105 (B)	33	7/10/06	10:00	voc-cr6-no3	MY2J99		Y2J99						Field Blank 8
CS-C01-285	34	7/10/06	9:55	voc-cr6-no3	MY2JA0		Y2JA0						
CS-C03-100	43	7/10/06	11:10	voc-cr6-no3	MY2JA1		Y2JA1						
CS-VPB-05	51	7/10/06	11:55	voc-cr6-no3	MY2JA2		Y2JA2						
PO-VPB-02	64	7/11/06	7:48	voc-cr6-no3	MY2JA3		Y2JA3						
CS-VPB-06	56	7/11/06	8:25	voc-cr6-no3	MY2P49		Y2P49						
CS-VPB-07	41	7/11/06	9:25	voc-cr6-no3	MY2P50		Y2P50						Dup 8
CS-VPB-07 (D)	42	7/11/06	10:00	voc-cr6-no3	MY2P51		Y2P51						Dup 8
CS-VPB-01	35	7/11/06	10:20	voc-cr6-no3	MY2P52		Y2P52						
CS-VPB-01 (B)	36	7/11/06	11:00	voc-cr6-no3	MY2P53		Y2P53						Field Blank 9
CS-C02-62	37	7/11/06	11:45	voc-cr6-no3	MY2P54		Y2P54						
CS-C02-180	38	7/11/06	12:35	voc-cr6-no3	MY2P55		Y2P55						
CS-C02-335	40	7/11/06	12:40	voc-cr6-no3	MY2P56		Y2P56						
CS-C02-250	39	7/11/06	13:55	voc-cr6-no3	MY2P57		Y2P57						
PO-VPB-08 (L)	78	7/11/06	14:39	voc-cr6-no3	MY2P58		Y2P58						LAB QC 5
PO-VPB-07	65	7/11/06	15:15	voc-cr6-no3	MY2P59		Y2P59						
AMP-W1	AMP1	7/12/06	9:40	voc-cr6-metals	MY2P60	MY2P60	Y2P60						Dup 9
AMP-W1 (D)	AMPD	7/12/06	10:00	voc-cr6-metals	MY2P61	MY2P61	Y2P61						Dup 9
AMP-W1 (B)	AMPB	7/12/06	10:10	voc-cr6-metals	MY2P62	MY2P62	Y2P62						Equip Blank 3
AMP-W2	AMP2	7/12/06	11:25	voc-cr6-metals	MY2P63	MY2P63	Y2P63						

Sample Type Explanation:

1) voc-cr6-no3 - Samples collected **ONLY** for Regular Analytical Suite (VOCs, Cr6, NO3).
2) PRC split - Samples collected **ONLY** for Total Dissolved Metals and Hexavalent Chromium.
3) nh + all - Samples collected for Expanded Analytical Suite (Perchlorate, 1,4-Dioxane,Alkalinity, Sulfide, TDS, TOC, 1,2,3-TCP, NDMA) as well as Regular Analytical Suite.
4) nh + metals only - Samples collected for Regular Analytical Suite and Total Dissolved Metals.

FIELD QA/QC SUMMARY FORM

Instructions: Complete **one form per laboratory** and per matrix for each sampling event.

Date:	**11/27/06**	**Site:**	**SFV (WA246 Areas 1-4)**
Sampler:	**Daantje Meijer**	**Case #:**	**R0S93 (sfv 1-4)**
Office:	**CH2M HILL/SCO**	**Laboratory:**	**EPA Region 9 Laboratory [Cr6, NO3, Perch, 1,4-Diox, Alk, Sulfide, TDS, TOC]**

Matrix:(Check one)							
X	Groundwater		Surface Soil		Air		
	Surface Water		Subsurface Soil		Other		

I. BLANKS

Sample #	**Type (circle one)**			**Date Collected**
MY2Y50		Field		9/27/06
		Field		
		Field		
	Equip	Field	Travel	
	Equip	Field	Travel	
	Equip	Field	Travel	
	Equip	Field	Travel	
	Equip	Field	Travel	
	Equip	Field	Travel	

II. BACKGROUND SAMPLES

Sample #	**Date Collected**		

III. LAB QC SAMPLES

Sample #	**Date Collected**		
QC samples for event collected at locations that did not require metals analysis			

IV. DUPLICATES

Sample #	**Matches**	**Sample #**	**Date Collected**	**Type (circle one)**				
Y2Y47		Y2Y48	9/26/06	a	b	c	d	a= composite split
				a	b	c	d	b= consecutive
				a	b	c	d	c= co-located
				a	b	c	d	d= soil sleeves
				a	b	c	d	
				a	b	c	d	
				a	b	c	d	
				a	b	c	d	
				a	b	c	d	
				a	b	c	d	
				a	b	c	d	

V. CHECKLIST OF FIELD PROBLEMS ENCOUNTERED

	Problem	**Sample #**	**Date (s) of Occurrence**	**Comments**
X	None			
	Pumping Equipment Problems			
	Sample Filtering Problems			
	Less Than Required Sample Volume			
	Low Flow/Recharge Rates			
	Preservation Problems			
	Samples Not Shipped in 24 hrs.			
	Federal Express Delay			

X	**Groundwater samples for analytes sent to Region 9 laboratory collected at selected RI monitoring wells only. See Field QC Summary for VOCS for sample IDs for "ALL" blank samples, duplicate samples, and QC samples collected during this quarterly event.**

FIELD QA/QC SUMMARY FORM

Instructions: Complete **one form per laboratory** and per matrix for each sampling event.

Date:	**11/27/06**	**Site:**	**SFVB (WA246 Areas 1-4 & WA211 NHOU)**
Sampler:	**Daantje Meijer**	**Case #:**	**35762 (NHOU)**
Office:	**CH2M HILL/SCO**	**Laboratory:**	**ACOE Test America [NDMA & 123 TCP]**

Matrix:(Check one)							
X	Groundwater		Surface Soil		Air		
	Surface Water		Subsurface Soil		Other		

I. BLANKS						**II. BACKGROUND SAMPLES**			
Sample #	**Type (circle one)**			**Date Collected**		**Sample #**	**Date Collected**		
MY2Y50		Field		9/27/06					
MY2Y53		Field		10/3/06					
MY2Y74		Field		10/9/06					
	Equip	Field	Travel						
	Equip	Field	Travel						
	Equip	Field	Travel						
	Equip	Field	Travel						
	Equip	Field	Travel			**III. LAB QC SAMPLES**			
	Equip	Field	Travel			**Sample #**	**Date Collected**		
	Equip	Field	Travel			QC samples for event collected at locations that did not require metals analysis			

IV. DUPLICATES									
Sample #	**Matches**	**Sample #**	**Date Collected**	**Type (circle one)**					
MY2Y47		MY2Y48	9/26/06	a	b	c	d	a= composite split	
MY2Y54		MY2Y55	10/3/06	a	b	c	d	b= consecutive	
MY2Y68		MY2Y69	10/6/06	a	b	c	d	c= co-located	
MY2Y77		MY2Y78	10/9/06	a	b	c	d	d= soil sleeves	
				a	b	c	d		
				a	b	c	d		
				a	b	c	d		
				a	b	c	d		

V. CHECKLIST OF FIELD PROBLEMS ENCOUNTERED				
Problem		**Sample #**	**Date (s) of Occurrence**	**Comments**
X	None			
	Pumping Equipment Problems			
	Sample Filtering Problems			
	Less Than Required Sample Volume			
	Low Flow/Recharge Rates			
	Preservation Problems			
	Samples Not Shipped in 24 hrs.			
	Federal Express Delay			
X	**NDMA & 123-TCP samples collected at selected RI monitoring wells only. See Field QC Summary for VOCS for sample IDs for "ALL" blank samples, duplicate samples, and QC samples collected during this quarterly event.**			

FIELD QA/QC SUMMARY FORM

Instructions: Complete **one form per laboratory** and per matrix for each sampling event.

Date:	**11/27/06**	**Site:**	**SFV (WA246 Areas 1-4)**
Sampler:	**Daantje Meijer**	**Case #:**	**R0S93 (sfv 1-4)**
Office:	**CH2M HILL/SCO**	**Laboratory:**	**EPA Region 9 Laboratory [Cr6 & NO3]**

Matrix:(Check one)							
X	Groundwater		Surface Soil		Air		
	Surface Water		Subsurface Soil		Other		

I. BLANKS						**II. BACKGROUND SAMPLES**			
Sample #	**Type (circle one)**			**Date Collected**		**Sample #**	**Date Collected**		
Y2Y50	Equip	Field	Travel	9/27/06					
Y2Y53	Equip	Field	Travel	10/3/06					
Y2Y62	Equip	Field	Travel	10/4/06					
Y2Y74	Equip	Field	Travel	10/9/06					
Y2Y84	Equip	Field	Travel	10/10/06					
Y2ZQ1	Equip	Field	Travel	10/11/06					
Y2ZP5	Equip	Field	Travel	10/13/06					
Y2ZQ7	Equip	Field	Travel	10/16/06					
						III. LAB QC SAMPLES			
						Sample #	**Date Collected**		
						Y2Y65	10/5/06		
						Y2ZM8	10/11/06		
						Y2ZP2	10/13/06		
						Y2ZQ5	10/17/06		

IV. DUPLICATES									
Sample #	**Matches**	**Sample #**	**Date Collected**	**Type (circle one)**					
Y2Y47		Y2Y48	9/26/06	a	b	c	d	a= composite split	
Y2Y54		Y2Y55	10/3/06	a	b	c	d	b= consecutive	
Y2Y58		Y2Y59	10/4/06	a	b	c	d	c= co-located	
Y2Y68		Y2Y69	10/6/06	a	b	c	d	d= soil sleeves	
Y2Y77		Y2Y78	10/9/06	a	b	c	d		
Y2Y86		Y2ZM7	10/11/06	a	b	c	d		
Y2ZN3		Y2ZN4	10/12/06	a	b	c	d		
Y2ZP0		Y2ZP1	10/13/06	a	b	c	d		
Y2ZQ8		Y2ZQ9	10/17/06	a	b	c	d		
				a	b	c	d		

V. CHECKLIST OF FIELD PROBLEMS ENCOUNTERED				
Problem		**Sample #**	**Date (s) of Occurrence**	**Comments**
X	None			
	Pumping Equipment Problems			
	Sample Filtering Problems			
	Less Than Required Sample Volume			
	Low Flow/Recharge Rates			
	Preservation Problems			
	Samples Not Shipped in 24 hrs.			
	Federal Express Delay			
X	**SFV samples sent to Region 9 Laboratory from most RI monitor wells**			

FIELD QA/QC SUMMARY FORM

Instructions: Complete **one form per laboratory** and per matrix for each sampling event.

Date:	**11/27/06**	**Site:**	**SFVB (WA246 Areas 1-4 & WA211 NHOU)**
Sampler:	**Daantje Meijer**	**Case #:**	**35762 (NHOU)**
Office:	**CH2M HILL/SCO**	**Laboratory:**	**CLP Bonner Analytical [dissolved metals]**

Matrix:(Check one)							
X	Groundwater		Surface Soil		Air		
	Surface Water		Subsurface Soil		Other		

I. BLANKS

Sample #	**Type (circle one)**			**Date Collected**
MY2Y50		Field		9/27/06
MY2Y53		Field		10/3/06
MY2Y74		Field		10/9/06
	Equip	Field	Travel	
	Equip	Field	Travel	
	Equip	Field	Travel	
	Equip	Field	Travel	
	Equip	Field	Travel	
	Equip	Field	Travel	
	Equip	Field	Travel	

II. BACKGROUND SAMPLES

Sample #	**Date Collected**		

III. LAB QC SAMPLES

Sample #	**Date Collected**		
QC samples for event collected at locations that did not require metals analysis			

IV. DUPLICATES

Sample #	**Matches**	**Sample #**	**Date Collected**	**Type (circle one)**				
MY2Y47		MY2Y48	9/26/06	a	b	c	d	a= composite split
MY2Y54		MY2Y55	10/3/06	a	b	c	d	b= consecutive
MY2Y68		MY2Y69	10/6/06	a	b	c	d	c= co-located
				a	b	c	d	d= soil sleeves
				a	b	c	d	
				a	b	c	d	
				a	b	c	d	
				a	b	c	d	

V. CHECKLIST OF FIELD PROBLEMS ENCOUNTERED

	Problem	**Sample #**	**Date (s) of Occurrence**	**Comments**
X	None			
	Pumping Equipment Problems			
	Sample Filtering Problems			
	Less Than Required Sample Volume			
	Low Flow/Recharge Rates			
	Preservation Problems			
	Samples Not Shipped in 24 hrs.			
	Federal Express Delay			

X **Dissolved Metals samples collected at selected RI monitoring wells only. See Field QC Summary for VOCS for sample IDs for "ALL" blank samples, duplicate samples, and QC samples collected during this quarterly event.**

FIELD QA/QC SUMMARY FORM

Instructions: Complete **one form per laboratory** and per matrix for each sampling event.

Date:	**11/27/06**	**Site:**	**SFVB (WA246 Areas 1-4 & WA211 NHOU)**
Sampler:	**Daantje Meijer**	**Case #:**	**35722 (SFV)**
Office:	**CH2M HILL/SCO**	**Laboratory:**	**CLP Liberty Analytical [VOCs]**

Matrix:(Check one)							
X	Groundwater		Surface Soil		Air		
	Surface Water		Subsurface Soil		Other		

I. BLANKS

Sample #	**Type (circle one)**			**Date Collected**
Y2Y50	Equip	Field	Travel	9/27/06
Y2Y53	Equip	Field	Travel	10/3/06
Y2Y62	Equip	Field	Travel	10/4/06
Y2Y74	Equip	Field	Travel	10/9/06
Y2Y84	Equip	Field	Travel	10/10/06
Y2ZQ1	Equip	Field	Travel	10/11/06
Y2ZP5	Equip	Field	Travel	10/13/06
Y2ZQ7	Equip	Field	Travel	10/16/06

II. BACKGROUND SAMPLES

Sample #	**Date Collected**		

III. LAB QC SAMPLES

Sample #	**Date Collected**		
Y2Y65	10/5/06		
Y2ZM8	10/11/06		
Y2ZP2	10/13/06		
Y2ZQ5	10/17/06		

IV. DUPLICATES

Sample #	**Matches**	**Sample #**	**Date Collected**	**Type (circle one)**				
Y2Y47		Y2Y48	9/26/06	a	b	c	d	a= composite split
Y2Y54		Y2Y55	10/3/06	a	b	c	d	b= consecutive
Y2Y58		Y2Y59	10/4/06	a	b	c	d	c= co-located
Y2Y68		Y2Y69	10/6/06	a	b	c	d	d= soil sleeves
Y2Y77		Y2Y78	10/9/06	a	b	c	d	
Y2Y86		Y2ZM7	10/11/06	a	b	c	d	
Y2ZN3		Y2ZN4	10/12/06	a	b	c	d	
Y2ZP0		Y2ZP1	10/13/06	a	b	c	d	
Y2ZQ8		Y2ZQ9	10/17/06	a	b	c	d	
				a	b	c	d	
				a	b	c	d	

V. CHECKLIST OF FIELD PROBLEMS ENCOUNTERED

	Problem	**Sample #**	**Date (s) of Occurrence**	**Comments**
	None			
	Pumping Equipment Problems			
	Sample Filtering Problems			
	Less Than Required Sample Volume			
	Low Flow/Recharge Rates			
	Preservation Problems			
	Samples Not Shipped in 24 hrs.			
	Federal Express Delay			
X	**VOC samples for all wells (SFV 1-4 & NHOU) sent to Liberty Analytical**			

Table 2-B
Laboratory Tracking Schedule and COCs
3rd Quarter 2006 Sampling Event
(matrix = water)

								Work Assignment to be charged for analyses	WA246 (SFV 1-4)	WA246 (SFV 1-4)					WA211 (NHOU Support)	WA211 (NHOU Support)	WA211 (NHOU Support)	WA211 (NHOU Support)	WA211 (NHOU Support)
								Laboratory Assigned	EPA R9		CLP COMPU CHEM	EPA R9	EPA R9	EPA R9	EPA R9	EPA R9	CLP BONNER	Del Mar	Del Mar
								Laboratory Case #	R06S93		35722	R06S99	R06S99	R06S99	R06S99	R06S99	35762	USE R9 Case # for NHOU - R06S99	USE R9 Case # for NHOU R06S99
								Analyses	Cr6 - Nitrate		VOCs	Cr6 - Nitrate	1,4Diox	Perchl	Cr6 - Nitrate - Alkalinity - Sulfide - TDS	TOC	Dissolved Metals	123-TCP	NDMA
LocID	SaCode	Well ID	Station #	Date	Time	Sample ID	Sample Type	nh analyses									SDG # - date rec'd		
NH-VPB-11	N	NH-VPB-11		NS							Not Sampled								
NH-VPB-11	FB	NH-VPB-11 (B)		NS							Not Sampled								
NH-VPB-13	N	NH-VPB-13		NS							Not Sampled								
NH-C01-325	N	NH-C01-325	4	10/3/06	0850	Y2Y52		nh + metals	06277A 11/3		Y2Y47 10/20						MY2Y47 10/20	IPJ0228 10/23	IPJ0228 10/23
NH-C01-325	FB	NH-C01-325 (B)	5	10/3/06	0915	Y2Y53	Field Blank	nh + metals	06277A 11/3		Y2Y47 10/20						MY2Y47 10/20	IPJ0228 10/23	IPJ0228 10/23
NH-C03-380	N	NH-C03-380	6	10/5/06	0:00	Y2Y64		nh + metals	06277A 11/3		Y2Y57 10/26						MY2Y64 10/20	IPJ0659 10/23	IPJ0228 10/23
NH-C05-320	N	NH-C05-320		NS							Not Sampled								
NH-VPB-06	N	NH-VPB-06	8	10/3/06	1145	Y2Y54	Dup	nh + metals	06277A 11/3		Y2Y47 10/20						MY2Y47 10/20	IPJ0228 10/23	IPJ0228 10/23
NH-VPB-06	FD	NH-VPB-06 (D)	9	10/3/06	1200	Y2Y55	Dup	nh + metals	06277A 11/3		Y2Y47 10/20						MY2Y47 10/20	IPJ0228 10/23	IPJ0228 10/23
NH-VPB-07	N	NH-VPB-07	10	10/5/06	0:00	Y2Y66		nh + metals	06277A 11/3		Y2Y57 10/26						MY2Y64 10/20	IPJ0659 10/23	
NH-VPB-07	FB	NH-VPB-07 (B)		10/5/06	1501	Y2Y67		nh + metals	06277A 11/3		Y2Y57 10/26						MY2Y64 10/20	IPJ0659 10/23	
NH-VPB-02	N	NH-VPB-02	11	10/3/06	1420	Y2Y56		nh + metals	06277A 11/3		Y2Y47 10/20						MY2Y47 10/20	IPJ0228 10/23	IPJ0228 10/23
NH-VPB-03	N	NH-VPB-03		NS							Not Sampled								
NH-VPB-03	FB	NH-VPB-03 (B)		NS							Not Sampled								
NH-VPB-04	N	NH-VPB-04	14	10/6/06	0825	Y2Y68	Dup	nh + metals	06277A 11/3		Y2Y57 10/26						MY2Y68 11/3	IPJ0659 10/23	
NH-VPB-04	FD	NH-VPB-04 (D)	15	10/6/06	1000	Y2Y69	Dup	nh + metals	06277A 11/3		Y2Y57 10/26						MY2Y68 11/3	IPJ0659 10/23	
PO-VPB-08	N	PO-VPB-08 (L)	16	10/5/06	1245	Y2Y65	Lab QC		06277A 11/3		Y2Y57 10/26								
NH-C02-220	N	NH-C02-220	17	10/6/06		Y2Y70		nh + all	06277A 11/3		Y2Y57 10/26		06283A 10/30	?	?	?	MY2Y68 11/3	IPJ0659 10/23	IPJ0659 10/23
NH-C06-160	N	NH-C06-160	18	10/6/06		Y2Y71		nh + all	06277A 11/3		Y2Y57 10/26		06283A 10/30	?	?	?	MY2Y68 11/3	IPJ0659 10/23	IPJ0659 10/23
NH-C06-160	FB?	NH-C06-160 (B?)	13	10/6/06	0:00	Y2Y72		nh + all	06277A 11/3		Y2Y57 10/26		06283A 10/30	?	?	?	MY2Y68 11/3	IPJ0659 10/23	IPJ0659 10/23
VD-VPB-01	N	VD-VPB-01	19	10/4/06	1145	Y2Y61			06277A 11/3		Y2Y57 10/26								
VD-VPB-04	N	VD-VPB-04		NS							Not Sampled								
VD-VPB-01	FB	VD-VPB-01 (B)	21	10/4/06	1200	Y2Y62	Field Blank		06277A 11/3		Y2Y57 10/26								
VD-VPB-02	N	VD-VPB-02	22	10/4/06	0835	Y2Y57			06277A 11/3		Y2Y57 10/26								
VD-VPB-03	N	VD-VPB-03	23	10/4/06	0930	Y2Y58	Dup		06277A 11/3		Y2Y57 10/26								

Table 2-B
Laboratory Tracking Schedule and COCs
3rd Quarter 2006 Sampling Event
(matrix = water)

								Work Assignment to be charged for analyses	WA246 (SFV 1-4)		WA246 (SFV 1-4)				WA211 (NHOU Support)	WA211 (NHOU Support)	WA211 (NHOU Support)	WA211 (NHOU Support)	WA211 (NHOU Support)
								Laboratory Assigned	EPA R9		CLP COMPU CHEM	EPA R9	EPA R9	EPA R9	EPA R9	EPA R9	CLP BONNER	Del Mar	Del Mar
								Laboratory Case #	R06S93		35722	R06S99	R06S99	R06S99	R06S99	R06S99	35762	USE R9 Case # for NHOU - R06S99	USE R9 Case # for NHOU R06S99
								Analyses	Cr6 - Nitrate		VOCs	Cr6 - Nitrate	1,4Diox	Perchl	Cr6 - Nitrate - Alkalinity - Sulfide - TDS	TOC	Dissolved Metals	123-TCP	NDMA
LocID	SaCode	Well ID	Station #	Date	Time	Sample ID	Sample Type	nh analyses									SDG # - date rec'd		
VD-VPB-03	FD	VD-VPB-03 (D)	24	10/4/06	1000	Y2Y59	Dup		06277A 11/3		Y2Y57 10/26								
VD-VPB-05	N	VD-VPB-05	25	10/4/06	1055	Y2Y60			06277A 11/3		Y2Y57 10/26								
VD-VPB-06	N	VD-VPB-06	26	10/4/06	1225	Y2Y63			06277A 11/3		Y2Y57 10/26								
NH-C05-460	N	NH-C05-460	27	10/9/06	0845	Y2Y73		nh + metals	06283C 11/3		Y2Y73 11/3						MY2Y68 11/3	IPJ0798 10/23	
NH-C05-460	FB	NH-C05-460 (B)	28	10/9/06	0900	Y2Y74	Field Blank	nh + metals	06283C 11/3		Y2Y73 11/3						MY2Y68 11/3	IPJ0798 10/23	
NH-C02-325	N	NH-C02-325	29	10/9/06	1125	Y2Y75		nh + metals	06283C 11/3		Y2Y73 11/3						MY2Y75 11/7	IPJ0798 10/23	
NH-C02-520	N	NH-C02-520	30	10/9/06	1115	Y2Y76		nh + metals	06283C 11/3		Y2Y73 11/3						MY2Y75 11/7		
NH-VPB-08	N	NH-VPB-08	31	10/9/06	1300	Y2Y79		nh + metals	06283C 11/3		Y2Y73 11/3						MY2Y75 11/7	IPJ0798 10/23	
NH-VPB-05	N	NH-VPB-05	32	10/9/06	1210	Y2Y77	Dup	nh + 123tcp	06283C 11/3		Y2Y73 11/3							IPJ0798 10/23	
NH-VPB-05	FD	NH-VPB-05 (D)	33	10/9/06	1230	Y2Y78	Dup	nh + 123tcp	06283C 11/3		Y2Y73 11/3							IPJ0798 10/23	
NH-C06-285	N	NH-C06-285	34	10/10/06	1100	Y2Y83			06283C 11/3		Y2Y73 11/3								
NH-C06-285	FB	NH-C06-285 (B)	35	10/10/06	1130	Y2Y84	Field Blank		06283C 11/3		Y2Y73 11/3								
NH-VPB-01	N	NH-VPB-01	36	10/10/06	0930	Y2Y82			06283C 11/3		Y2Y73 11/3								
CS-C01-105	N	CS-C01-105 (L)	37	10/13/06	1025	Y2ZP2	Lab QC		06286A 11/3		Y2ZN3 11/3								
CS-C01-285	N	CS-C01-285	38	10/13/06		Y2ZP3			06286A 11/3		Y2ZN3 11/3								
CS-VPB-01	N	CS-VPB-01	39	10/9/06	1400	Y2Y80			06283C 11/3		Y2Y73 11/3								
CS-VPB-02	N	CS-VPB-02	40	10/10/06	0820	Y2Y81			06283C 11/3		Y2Y73 11/3								
CS-VPB-08	N	CS-VPB-08	41	10/12/06	1325	Y2ZN7			06286A 11/3		Y2ZN3 11/3								
CS-VPB-08	FB	CS-VPB-08 (B)	84	10/12/06	1500	Y2ZN8			06286A 11/3		Y2ZN3 11/3								
NH-VPB-14	N	NH-VPB-14		NS							Not Sampled								
NH-VPB-14	FB	NH-VPB-14 (B)		NS							Not Sampled								
NH-VPB-12	N	NH-VPB-12		NS							Not Sampled								
CS-VPB-03	N	CS-VPB-03	45	10/17/06		Y2ZQ8	Dup		06291A 11/3		Y2ZP8 11/3								
CS-VPB-03	FD	CS-VPB-03 (D)	46	10/17/06		Y2ZQ9	Dup		06291A 11/3		Y2ZP8 11/3								

Table 2-B
Laboratory Tracking Schedule and COCs
3rd Quarter 2006 Sampling Event
(matrix = water)

								Work Assignment to be charged for analyses	WA246 (SFV 1-4)		WA246 (SFV 1-4)				WA211 (NHOU Support)	WA211 (NHOU Support)	WA211 (NHOU Support)	WA211 (NHOU Support)	WA211 (NHOU Support)
								Laboratory Assigned	EPA R9		CLP COMPU CHEM	EPA R9	EPA R9	EPA R9	EPA R9	EPA R9	CLP BONNER	Del Mar	Del Mar
								Laboratory Case #	R06S93		35722	R06S99	R06S99	R06S99	R06S99	R06S99	35762	USE R9 Case # for NHOU - R06S99	USE R9 Case # for NHOU R06S99
								Analyses	Cr6 - Nitrate		VOCs	Cr6 - Nitrate	1,4Diox	Perchl	Cr6 - Nitrate - Alkalinity - Sulfide - TDS	TOC	Dissolved Metals	123-TCP	NDMA
LocID	SaCode	Well ID	Station #	Date	Time	Sample ID	Sample Type	nh analyses									SDG # - date rec'd		
CS-VPB-07	N	CS-VPB-07	47	10/11/06	1540	Y2ZN1			06283C 11/3		Y2Y73 11/3								
CS-C03-100	N	CS-C03-100	48	10/11/06	1400	Y2ZN0			06283C 11/3		Y2Y73 11/3								
CS-C03-465	N	CS-C03-465	49	10/11/06	1500	Y2ZM9			06283C 11/3		Y2Y73 11/3								
CS-VPB-09	N	CS-VPB-09	50	10/11/06	1230	Y2ZQ3			06286A 11/3		Y2ZP8 11/3								
CS-VPB-07	FB	CS-VPB-07 (B)		10/11/06	1616	Y2ZN2			06283C 11/3		Y2Y73 11/3								
CS-C02-062	N	CS-C02-062	51	10/11/06	1010	Y2ZQ0			06286A 11/3		Y2ZP8 11/3								
CS-C02-062	FB	CS-C02-062 (B)	52	10/11/06	1020	Y2ZQ1	Field Blank		06286A 11/3		Y2ZP8 11/3								
CS-C02-180	N	CS-C02-180	53	10/11/06	1042	Y2ZQ2			06286A 11/3		Y2ZP8 11/3								
CS-C02-250	N	CS-C02-250	54	10/11/06	0945	Y2ZP8			06286A 11/3		Y2ZP8 11/3								
CS-C02-335	N	CS-C02-335	55	10/11/06	0940	Y2ZP9			06286A 11/3		Y2ZP8 11/3								
CS-VPB-04	N	CS-VPB-04 (L)	56	10/11/06	1100	Y2ZM8	Lab QC		06283C 11/3		Y2Y73 11/3								
CS-C04-290	N	CS-C04-290	57	10/11/06	0845	Y2Y85			06283C 11/3		Y2Y73 11/3								
CS-C04-382	N	CS-C04-382	58	10/11/06	0850	Y2Y86	Dup		06283C 11/3		Y2Y73 11/3								
CS-C04-382	FD	CS-C04-382 (D)	59	10/11/06	0915	Y2ZM7	Dup		06283C 11/3		Y2Y73 11/3								
CS-VPB-05	N	CS-VPB-05	60	10/13/06	1137	Y2ZP4			06286A 11/3		Y2ZN3 11/3								
CS-VPB-05	FB	CS-VPB-05 (B)	61	10/13/06	1145	Y2ZP5	Field Blank		06286A 11/3		Y2ZN3 11/3								
CS-C05-160	N	CS-C05-160	62	10/13/06	1220	Y2ZP6			06286A 11/3		Y2ZN3 11/3								
CS-C05-290	N	CS-C05-290	63	10/13/06		Y2ZP7			06286A 11/3		Y2ZN3 11/3								
CS-VPB-06	N	CS-VPB-06	64	10/12/06	0835	Y2ZN3	Dup		06286A 11/3		Y2ZN3 11/3								
CS-VPB-06	FD	CS-VPB-06 (D)	65	10/12/06	0900	Y2ZN4	Dup		06286A 11/3		Y2ZN3 11/3								
CS-C06-185	N	CS-C06-185	66	10/12/06	0820	Y2ZN5			06286A 11/3		Y2ZN3 11/3								
CS-VPB-10	N	CS-VPB-10	67	10/12/06	1055	Y2ZN6			06286A 11/3		Y2ZN3 11/3								
CS-VPB-11	N	CS-VPB-11	68	10/13/06	0948	Y2ZQ6			06291A 11/3		Y2ZP8 11/3								
CS-VPB-11	FB	CS-VPB-11 (B)	69	10/13/06	0955	Y2ZQ7	Field Blank		06291A 11/3		Y2ZP8 11/3								

Table 2-B
Laboratory Tracking Schedule and COCs
3rd Quarter 2006 Sampling Event
(matrix = water)

								Work Assignment to be charged for analyses	WA246 (SFV 1-4)	WA246 (SFV 1-4)					WA211 (NHOU Support)	WA211 (NHOU Support)	WA211 (NHOU Support)	WA211 (NHOU Support)	WA211 (NHOU Support)
								Laboratory Assigned	EPA R9		CLP COMPU CHEM	EPA R9	EPA R9	EPA R9	EPA R9	EPA R9	CLP BONNER	Del Mar	Del Mar
								Laboratory Case #	R06S93		35722	R06S99	R06S99	R06S99	R06S99	R06S99	35762	USE R9 Case # for NHOU - R06S99	USE R9 Case # for NHOU R06S99
								Analyses	Cr6 - Nitrate		VOCs	Cr6 - Nitrate	1,4Diox	Perchl	Cr6 - Nitrate - Alkalinity - Sulfide - TDS	TOC	Dissolved Metals	123-TCP	NDMA
LocID	SaCode	Well ID	Station #	Date	Time	Sample ID	Sample Type	nh analyses									SDG # - date rec'd		
PO-C01-195	N	PO-C01-195	70	10/13/06	0825	Y2ZN9			06286A 11/3		Y2ZN3 11/3								
PO-VPB-02	N	PO-VPB-02	71	10/13/06	0840	Y2ZP0	Dup		06286A 11/3		Y2ZN3 11/3								
PO-VPB-02	FD	PO-VPB-02 (D)	72	10/13/06	0915	Y2ZP1	Dup		06286A 11/3		Y2ZN3 11/3								
PO-VPB-07	N	PO-VPB-07 (L)	73	10/17/06	0840	Y2ZQ5	Lab QC		06291A 11/3		Y2ZP8 11/3								
PO-VPB-03	N	PO-VPB-03	74	10/16/06		Y2ZQ4			06286A 11/3		Y2ZP8 11/3								
		Additional FACILITY WELL sampling (WA 211 - NHOU-specific)																	
V14LAMW3	N	V14LAMW3	76	9/26/06	1356	Y2Y47	Facility	nh + all			Y2Y47 10/20	06270B 10/30	06270B 10/30	06270B 10/30	06270B 10/30	06270B 10/30	MY2Y47 10/20	IPI2380 10/10	IPI2380 10/10
V14LAMW3	FD	V14LAMW3 (D)	77	9/26/06	1410	Y2Y48	Facility Dup	nh + all			Y2Y47 10/20	06270B 10/30	06270B 10/30	06270B 10/30	06270B 10/30	06270B 10/30	MY2Y47 10/20	IPI2380 10/10	IPI2380 10/10
V14LAMW1	N	V14LAMW1	78	9/27/06	0807	Y2Y49	Facility	nh + all			Y2Y47 10/20	06270B 10/30	06270B 10/30	06270B 10/30	06270B 10/30	06270B 10/30	MY2Y47 10/20	IPI2483 10/10	IPI2483 10/10
V14LAMW1	FB	V14LAMW1 (B)	79	9/27/06	0815	Y2Y50	Blank	nh + all			Y2Y47 10/20	06270B 10/30	06270B 10/30	06270B 10/30	06270B 10/30	06270B 10/30	MY2Y47 10/20	IPI2483 10/10	IPI2483 10/10
V14LAMW2	N	V14LAMW2	80	9/27/06	1302	Y2Y51	Facility	nh + all			Y2Y47 10/20	06270B 10/30	06270B 10/30	06270B 10/30	06270B 10/30	06270B 10/30	MY2Y47 10/20	IPI2483 10/10	IPI2483 10/10

10/23/2006 = date received SDG

FIELD QA/QC SUMMARY FORM

Instructions: Complete one form per laboratory and per matrix for each sampling event.

Date:	**1/30/07**	**Site:**	**SFVB (WA246 Areas 1-4 & WA211 NHOU)**
Sampler:	**Daantje Meijer**	**Case #:**	**35950 (SFVB)**
Office:	**CH2M HILL/SCO**	**Laboratory:**	**ACOE Test America [Cr6, NDMA & 123 TCP]**

Matrix:(Check one)							
X	Groundwater		Surface Soil		Air		
	Surface Water		Subsurface Soil		Other		

I. BLANKS

Sample #	Type (circle one)			Date Collected
Y3217	Equip	Field	Travel	11/29/06
Y3220	Equip	Field	Travel	11/30/06
Y3223	Equip	Field	Travel	12/01/06
Y3225	Equip	Field	Travel	12/05/06
Y3230	Equip	Field	Travel	12/06/06
Y3236	Equip	Field	Travel	12/7/06
Y3238	Equip	Field	Travel	12/8/06
Y3278	Equip	Field	Travel	12/20/06
Y3283	Equip	Field	Travel	12/21/06
Y3285	Equip	Field	Travel	12/26/06
Y3292	Equip	Field	Travel	12/27/06
Y3297	Equip	Field	Travel	12/28/06
Y32A0	Equip	Field	Travel	1/2/07

I. BLANKS (CONT.)

Sample #	Type (circle one)			Date Collected
Y32B0	Equip	Field	Travel	1/3/07
Y32B8	Equip	Field	Travel	1/4/07
Y32C0	Equip	Field	Travel	1/5/07

II. BACKGROUND SAMPLES

Sample #	Date Collected	

III. LAB QC SAMPLES

Sample #	Date Collected	
Y3219	11/30/06	
Y3280	12/21/06	
Y3299	1/2/07	
Y32B7	1/4/07	

IV. DUPLICATES

Sample #	Matches	Sample #	Date Collected	Type (circle one)				
Y3215		Y3216	11/29/06	a	b	c	d	a= composite split
Y3241		Y3242	12/11/06	a	b	c	d	b= consecutive
Y3281		Y3282	12/21/06	a	b	c	d	c= co-located
Y3286		Y3287	12/26/06	a	b	c	d	d= soil sleeves
Y3299		Y32A1	1/2/07	a	b	c	d	
Y32B1		Y32B2	1/4/07	a	b	c	d	
Y32C1		Y32C2	1/5/07	a	b	c	d	

V. CHECKLIST OF FIELD PROBLEMS ENCOUNTERED

	Problem	Sample #	Date (s) of Occurrence	Comments
	None			
	Pumping Equipment Problems			
	Sample Filtering Problems			
	Less Than Required Sample Volume			
	Low Flow/Recharge Rates			
	Preservation Problems			
	Samples Not Shipped in 24 hrs.			
	Federal Express Delay			

X	**NDMA samples submitted for Y3233 – Y3238 only; 1,23-TCP samples submitted for selected monitoring wells only; and, Cr6 samples submitted for selected monitor wells only (See attached cross-reference table).**

FIELD QA/QC SUMMARY FORM

Instructions: Complete **one form per laboratory** and per matrix for each sampling event.

Date:	**1/30/07**	**Site:**	**NHOU (WA211 North Hollyood)**
Sampler:	**Daantje Meijer**	**Case #:**	**35952 (nhou)**
Office:	**CH2M HILL/SCO**	**Laboratory:**	**CLP Enviromental Systems Laboratory [VOCs]**

Matrix:(Check one)							
X	Groundwater		Surface Soil		Air		
	Surface Water		Subsurface Soil		Other		

I. BLANKS						**II. BACKGROUND SAMPLES**			
Sample #	**Type (circle one)**			**Date Collected**		**Sample #**	**Date Collected**		
Y3236		Field		12/07/08					
Y3238		Field		12/08/06					
	Equip	Field	Travel						
	Equip	Field	Travel						
	Equip	Field	Travel			**III. LAB QC SAMPLES**			
	Equip	Field	Travel			**Sample #**	**Date Collected**		
	Equip	Field	Travel						
IV. DUPLICATES									

Sample #	**Matches**	**Sample #**	**Date Collected**	**Type (circle one)**					
Y3233		Y3234	12/07/06	a	b	c	d	A= composite split	
				a	b	c	d	B= consecutive	
				a	b	c	d		
				a	b	c	d	C= co-located	
				a	b	c	d	D= soil sleeves	
				a	b	c	d		
				a	b	c	d		
				a	b	c	d		
				a	b	c	d		
				a	b	c	d		
				a	b	c	d		

V. CHECKLIST OF FIELD PROBLEMS ENCOUNTERED

	Problem	**Sample #**	**Date (s) of Occurrence**	**Comments**
	None			
	Pumping Equipment Problems			
	Sample Filtering Problems			
	Less Than Required Sample Volume			
	Low Flow/Recharge Rates			
	Preservation Problems			
	Samples Not Shipped in 24 hrs.			
X	Laboratory delay exceeded holding time for SDG Y3233	Y3233 to Y3238	Collected 12/7 & 8; 1st notice from R9 RSCC 12/27	Samples analyzed past holding time per RSCC
X	**VOC samples for 3 facility monitoring wells (only) sent to ENVSYS.**			

FIELD QA/QC SUMMARY FORM

Instructions: Complete **one form per laboratory** and per matrix for each sampling event.

Date:	**1/30/07**	**Site:**	**SFVB (WA246 Areas 1-4)**
Sampler:	**Daantje Meijer**	**Case #:**	**35950 (SFV)**
Office:	**CH2M HILL/SCO**	**Laboratory:**	**CLP Datachem Laboratories, Inc. (DATAC) [Dissolved Metals]**

Matrix:(Check one)							
X	Groundwater		Surface Soil		Air		
	Surface Water		Subsurface Soil		Other		

I. BLANKS						**I. BLANKS (CONT.)**				
Sample #	**Type (circle one)**			**Date Collected**		**Sample #**				
Y3217	Equip	Field	Travel	11/29/06		Y3275	Equip	Field	Travel	12/19/06
Y3220	Equip	Field	Travel	11/30/06		Y3278	Equip	Field	Travel	12/20/06
Y3223	Equip	Field	Travel	12/01/06		Y3283	Equip	Field	Travel	12/21/06
Y3225	Equip	Field	Travel	12/05/06		Y3285	Equip	Field	Travel	12/26/06
Y3230	Equip	Field	Travel	12/06/06		Y3292	Equip	Field	Travel	12/27/06
Y3245	Equip	Field	Travel	12/11/06		Y3297	Equip	Field	Travel	12/28/06
Y3247	Equip	Field	Travel	12/12/06		Y32A0	Equip	Field	Travel	1/2/07
Y3250	Equip	Field	Travel	12/13/06		Y32B0	Equip	Field	Travel	1/3/07
Y3255	Equip	Field	Travel	12/14/06		Y32B8	Equip	Field	Travel	1/4/07
Y3257	Equip	Field	Travel	12/15/06		Y32C0	Equip	Field	Travel	1/5/07
Y3268	Equip	Field	Travel	12/18/06						

II. BACKGROUND SAMPLES			**III. LAB QC SAMPLES**		
Sample #	**Date Collected**		**Sample #**	**Date Collected**	
			Y3219	11/30/06	
			Y3246	12/12/06	
			Y3264	12/18/06	
			Y3280	12/21/06	
			Y3299	1/2/07	
			Y32B7	1/4/07	

IV. DUPLICATES									
Sample #	**Matches**	**Sample #**	**Date Collected**	**Type (circle one)**					
Y3215		Y3216	11/29/06	a	b	c	d	a= composite split	
Y3241		Y3242	12/11/06	a	b	c	d	b= consecutive	
Y3251		Y3252	12/13/06	a	b	c	d	c= co-located	
Y3260		Y3261	12/15/06	a	b	c	d	d= soil sleeves	
Y3281		Y3282	12/21/06	a	b	c	d		
Y3286		Y3287	12/26/06	a	b	c	d		
Y3299		Y32A1	1/2/07	a	b	c	d		
Y32B1		Y32B2	1/4/07	a	b	c	d		
Y32C1		Y32C2	1/5/07	a	b	c	d		

V. CHECKLIST OF FIELD PROBLEMS ENCOUNTERED				
Problem		**Sample #**	**Date (s) of Occurrence**	**Comments**
	None			
	Pumping Equipment Problems			
	Sample Filtering Problems			
	Less Than Required Sample Volume			
	Low Flow/Recharge Rates			
	Preservation Problems			
	Samples Not Shipped in 24 hrs.			
	Federal Express Delay			
X	**Dissolved Metals samples for all RI wells (SFV 1-4) sent to Datachem Laboratory.**			

FIELD QA/QC SUMMARY FORM

Instructions: Complete **one form per laboratory** and per matrix for each sampling event.

Date:	**1/30/07**	**Site:**	**SFVB (WA246 Areas 1-4)**
Sampler:	**Daantje Meijer**	**Case #:**	**35950 (SFV)**
Office:	**CH2M HILL/SCO**	**Laboratory:**	**CLP Liberty Analytical [VOCs]**

Matrix:(Check one)							
X	Groundwater		Surface Soil		Air		
	Surface Water		Subsurface Soil		Other		

I. BLANKS						**I. BLANKS (CONT.)**				
Sample #	**Type (circle one)**			**Date Collected**		**Sample #**				
Y3217	Equip	Field	Travel	11/29/06		Y3275	Equip	Field	Travel	12/19/06
Y3220	Equip	Field	Travel	11/30/06		Y3278	Equip	Field	Travel	12/20/06
Y3223	Equip	Field	Travel	12/01/06		Y3283	Equip	Field	Travel	12/21/06
Y3225	Equip	Field	Travel	12/05/06		Y3285	Equip	Field	Travel	12/26/06
Y3230	Equip	Field	Travel	12/06/06		Y3292	Equip	Field	Travel	12/27/06
Y3245	Equip	Field	Travel	12/11/06		Y3297	Equip	Field	Travel	12/28/06
Y3247	Equip	Field	Travel	12/12/06		Y32A0	Equip	Field	Travel	1/2/07
Y3250	Equip	Field	Travel	12/13/06		Y32B0	Equip	Field	Travel	1/3/07
Y3255	Equip	Field	Travel	12/14/06		Y32B8	Equip	Field	Travel	1/4/07
Y3257	Equip	Field	Travel	12/15/06		Y32C0	Equip	Field	Travel	1/5/07
Y3268	Equip	Field	Travel	12/18/06						

II. BACKGROUND SAMPLES			**III. LAB QC SAMPLES**		
Sample #	**Date Collected**		**Sample #**	**Date Collected**	
			Y3219	11/30/06	
			Y3246	12/12/06	
			Y3264	12/18/06	
			Y3280	12/21/06	
			Y3299	1/2/07	
			Y32B7	1/4/07	

IV. DUPLICATES									
Sample #	**Matches**	**Sample #**	**Date Collected**	**Type (circle one)**					
Y3215		Y3216	11/29/06	a	b	c	d	a= composite split	
Y3241		Y3242	12/11/06	a	b	c	d	b= consecutive	
Y3251		Y3252	12/13/06	a	b	c	d	c= co-located	
Y3260		Y3261	12/15/06	a	b	c	d	d= soil sleeves	
Y3281		Y3282	12/21/06	a	b	c	d		
Y3286		Y3287	12/26/06	a	b	c	d		
Y3299		Y32A1	1/2/07	a	b	c	d		
Y32B1		Y32B2	1/4/07	a	b	c	d		
Y32C1		Y32C2	1/5/07	a	b	c	d		
				a	b	c	d		

V. CHECKLIST OF FIELD PROBLEMS ENCOUNTERED				
Problem		**Sample #**	**Date (s) of Occurrence**	**Comments**
	None			
	Pumping Equipment Problems			
	Sample Filtering Problems			
	Less Than Required Sample Volume			
	Low Flow/Recharge Rates			
	Preservation Problems			
	Samples Not Shipped in 24 hrs.			
	Federal Express Delay			
X	**VOC samples for all RI wells (SFV 1-4) sent to Liberty Analytical**			

Table 3
Cross Reference Table and SDG Tracking Sheet
4th Quarter 2006 Sampling Event
(matrix = water)

								Work Assignment to be charged for analyses	SFV 1-4	NHOU	SFV 1-4	NHOU	SFV 1-4	NHOU	SFV 1-4	NHOU	SFV 1-4	NHOU	NHOU	SFV 1-4	NHOU	NHOU
								Laboratory Assigned	CLP LIBRTY	CLP ENVSYS	CLP DATAC	CLP DATAC	R9	IAG Test America NHOU/SFV	R 9	R 9	R 9	R 9	R 9	IAG Test America SFV1-4	IAG Test America NHOU	IAG GPL
								Laboratory Case #	35950	35952	35950	35952	R07S14		R07S14	R07S15		R07S15	R07S15			
								Analyses	VOCs	VOCs	Dissolved Metals	Dissolved Metals	Cr6	Cr6	Nitrate, Cl-F-SO4, Alkalinity, TDS	Nitrate, Cl-F-SO4, Alkalinity, TDS	TOC	Perchl	1,4diox	123-TCP	123-TCP	NDMA
LocID	Sa Code	Well ID	Station #	Date	Time	Sample ID	Cr6 to R9	Cr6 to IAG	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd
NH-C01-450		NH-C01-450				NS																
NH-C05-320		NH-C05-320				NS																
NH-VPB-03		NH-VPB-03				NS																
NH-VPB-09		NH-VPB-09				NS																
NH-VPB-11		NH-VPB-11				NS																
NH-VPB-12		NH-VPB-12				NS																
NH-VPB-13		NH-VPB-13				NS																
NH-VPB-14		NH-VPB-14				NS																
VD-VPB-04		VD-VPB-04				NS																
CS-VPB-02	N	CS-VPB-02	1	11/29/06	1420	Y3215	x	x	Y3215 12/21/06		MY3215 & MY3216 1/8/07		Y3215	IPK3169 12/21/06	Y3215		Y3215			IPK3169 12/21/06		
CS-VPB-02	FD	CS-VPB-02 (D)	2	11/29/06	1440	Y3216	x	x	Y3215 12/21/06		MY3215 & MY3216 1/8/07		Y3216	IPK3169 12/21/06	Y3216		Y3216			IPK3169 12/21/06		
CS-VPB-02	FB	CS-VPB-02 (B)	3	11/29/06	1450	Y3217	x	x	Y3215 12/21/06		MY3215 & MY3216 1/8/07		Y3217	IPK3169 12/21/06	Y3217		Y3217			IPK3169 12/21/06		
NH-VPB-04	N	NH-VPB-04	4	11/30/06	1055	Y3218		x	Y3218 12/27/06		MY3215 & MY3216 1/8/07			IPK3271 12/21/06	Y3218		Y3218				IPK3271 12/21/06	
NH-C02-681 (L)	N	NH-C02-681 (L)	5	11/30/06	1455	Y3219		x	Y3218 12/27/06		MY3215 & MY3216 1/8/07			IPK3271 12/21/06	Y3219		Y3219				IPK3271 12/21/06	
NH-C02-681	FB	NH-C02-681 (B)	6	11/30/06	1500	Y3220		x	Y3218 12/27/06		MY3215 & MY3216 1/8/07			IPK3271 12/21/06	Y3220		Y3220				IPK3271 12/21/06	
NH-C01-780	N	NH-C01-780	6A	12/1/06	1025	Y3221		x	Y3218 12/27/06		MY3215 & MY3216 1/8/07			IPL0105 12/21/06	Y3221		Y3221					
NH-C01-660	N	NH-C01-660	7	12/1/06	1200	Y3222		x	Y3218 12/27/06		MY3215 & MY3216 1/8/07			IPL0105 12/21/06	Y3222		Y3222					
NH-C01-660	FB	NH-C01-660 (B)	8	12/1/06	1230	Y3223		x	Y3218 12/27/06		MY3215 & MY3216 1/8/07			IPL0105 12/21/06	Y3223		Y3223					
NH-VPB-10	N					NS																
NH-C03-380	N	NH-C03-380	9	12/5/06	0905	Y3224	x	x	Y3218 12/27/06		MY3215 & MY3216 1/8/07		Y3224	IPL0378 12/22/06	Y3224		Y3224					
NH-C03-380	FB	NH-C03-380 (B)	10	12/5/06	0930	Y3225	x	x	Y3218 12/27/06		MY3215 & MY3216 1/8/07		Y3225	IPL0378 12/22/06	Y3225		Y3225					
NH-C03-580	N	NH-C03-580	11	12/5/06	0940	Y3226	x	x	Y3218 12/27/06		MY3215 & MY3216 1/8/07		Y3226	IPL0378 12/22/06	Y3226		Y3226					
NH-C03-680	N	NH-C03-680	12	12/5/06	1145	Y3227	x	x	Y3218 12/27/06		MY3215 & MY3216 1/8/07		Y3227	IPL0378 12/22/06	Y3227		Y3227					

Table 3
Cross Reference Table and SDG Tracking Sheet
4th Quarter 2006 Sampling Event
(matrix = water)

								Work Assignment to be charged for analyses	SFV 1-4	NHOU	SFV 1-4	NHOU	SFV 1-4	NHOU	SFV 1-4	NHOU	SFV 1-4	NHOU	NHOU	SFV 1-4	NHOU	NHOU
								Laboratory Assigned	CLP LIBRTY	CLP ENVSYS	CLP DATAC	CLP DATAC	R9	IAG Test America NHOU/SFV	R 9	R 9	R 9	R 9	R 9	IAG Test America SFV1-4	IAG Test America NHOU	IAG GPL
								Laboratory Case #	35950	35952	35950	35952	R07S14		R07S14	R07S15		R07S15	R07S15			
								Analyses	VOCs	VOCs	Dissolved Metals	Dissolved Metals	Cr6	Cr6	Nitrate, Cl-F-SO4, Alkalinity, TDS	Nitrate, Cl-F-SO4, Alkalinity, TDS	TOC	Perchl	1,4diox	123-TCP	123-TCP	NDMA
LocID	Sa Code	Well ID	Station #	Date	Time	Sample ID	Cr6 to R9	Cr6 to IAG	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd
NH-C03-800	N	NH-C03-800	13	12/5/06	1210	Y3228	x	x	Y3218 12/27/06		MY3215 & MY3216 1/8/07		Y3228	IPL0378 12/22/06	Y3228		Y3228					
NH-C04-240	N	NH-C04-240	14	12/6/06	1225	Y3229	x	x	Y3218 12/27/06		MY3229 & MY3230 1/8/07		Y3229	IPL0562 12/21/06	Y3229		Y3229					
NH-C04-240	FB	NH-C04-240 (B)	15	12/6/06	1300	Y3230	x	x	Y3218 12/27/06		MY3229 & MY3230 1/8/07		Y3230	IPL0562 12/21/06	Y3230		Y3230					
NH-C04-375	N	NH-C04-375	16	12/6/06	1335	Y3231		x	Y3218 12/27/06		MY3229 & MY3230 1/8/07			IPL0562 12/21/06	Y3231		Y3231					
NH-C04-560	N	NH-C04-560	17	12/6/06	1325	Y3232		x	Y3218 12/27/06		MY3229 & MY3230 1/8/07			IPL0562 12/21/06	Y3232		Y3232					
V14LAMW3	N	V14LAMW3	18	12/7/06	0925	Y3233		x		Y3233	MY3229 & MY3230 1/8/07			IPL0758 12/21/06		06342D		06342D	06342D		IPLO758 12/21/06	IPLO758 12/21/06
V14LAMW3	FD	V14LAMW3 (D)	19	12/7/06	1030	Y3234		x		Y3234	MY3229 & MY3230 1/8/07			IPL0758 12/21/06		06342D		06342D	06342D		IPLO758 12/21/06	IPLO758 12/21/06
V14LAMW1	N	V14LAMW1	20	12/7/06	1255	Y3235		x		Y3235	MY3229 & MY3230 1/8/07			IPL0758 12/21/06		06342D		06342D	06342D		IPLO758 12/21/06	IPLO758 12/21/06
V14LAMW1	FB	V14LAMW1 (B)	21	12/7/06	1330	Y3236		x		Y3236	MY3229 & MY3230 1/8/07			IPL0758 12/21/06		06342D		06342D	06342D		IPLO758 12/21/06	IPLO758 12/21/06
V14LAMW2	N	V14LAMW2	22	12/8/06	0850	Y3237		x		Y3237	MY3229 & MY3230 1/8/07			IPL0980 12/27/06		06342D		06342D	06342D		IPL0980 12/27/06	IPL0980 12/27/06
V14LAMW2	N	V14LAMW2 (B)	23	12/8/06	1000	Y3238		x		Y3238	MY3229 & MY3230 1/8/07			IPL0980 12/27/06		06342D		06342D	06342D		IPL0980 12/27/06	IPL0980 12/27/06
NH-VPB-06	N	NH-VPB-06	24	12/11/06	0920	Y3239		x	Y3239 1/8/07		MY3229 & MY3230 1/8/07			IPL1171 12/22/06	Y3239		Y3239				1PL1171 12/22/06	
NH-VPB-07	N	NH-VPB-07	25	12/11/06	1010	Y3240		x	Y3239 1/8/07		MY3229 & MY3230 1/8/07			IPL1171 12/22/06	Y3240		Y3240					
NH-C01-160	N	NH-C01-160	26	12/11/06	1130	Y3241	x	x	Y3239 1/8/07		MY3229 & MY3230 1/8/07		Y3241	IPL1171 12/22/06	Y3241		Y3241					
NH-C01-160	FD	NH-C01-160 (D)	27	12/11/06	1150	Y3242	x	x	Y3239 1/8/07		MY3229 & MY3230 1/8/07		Y3242	IPL1171 12/22/06	Y3242		Y3242					
NH-C06-425	N	NH-C06-425	28	12/11/06	1220	Y3243		x	Y3239 1/8/07		MY3229 & MY3230 1/8/07			IPL1171 12/22/06	Y3243		Y3243					
CS-VPB-09	N	CS-VPB-09	29	12/11/06	1330	Y3244	x	x	Y3239 1/8/07		MY3229 & MY3230 1/8/07		Y3244	IPL1171 12/22/06	Y3244		Y3244			IPL1171 12/22/06		
CS-VPB-09	FB	CS-VPB-09 (B)	30	12/11/06	1400	Y3245	x	x	Y3239 1/8/07		MY3229 & MY3230 1/8/07		Y3245	IPL1171 12/22/06	Y3245		Y3245			IPL1171 12/22/06		

Table 3
Cross Reference Table and SDG Tracking Sheet
4th Quarter 2006 Sampling Event
(matrix = water)

								Work Assignment to be charged for analyses	SFV 1-4	NHOU	SFV 1-4	NHOU	SFV 1-4	NHOU	SFV 1-4	NHOU	SFV 1-4	NHOU	NHOU	SFV 1-4	NHOU	NHOU
								Laboratory Assigned	CLP LIBRTY	CLP ENVSYS	CLP DATAC	CLP DATAC	R9	IAG Test America NHOU/SFV	R 9	R 9	R 9	R 9	R 9	IAG Test America SFV1-4	IAG Test America NHOU	IAG GPL
								Laboratory Case #	35950	35952	35950	35952	R07S14		R07S14	R07S15		R07S15	R07S15			
								Analyses	VOCs	VOCs	Dissolved Metals	Dissolved Metals	Cr6	Cr6	Nitrate, Cl-F-SO4, Alkalinity, TDS	Nitrate, Cl-F-SO4, Alkalinity, TDS	TOC	Perchl	1,4diox	123-TCP	123-TCP	NDMA
LocID	Sa Code	Well ID	Station #	Date	Time	Sample ID	Cr6 to R9	Cr6 to IAG	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd
CS-C03-325	N	CS-C03-325 (L)	31	12/12/06	1000	Y3246	x	x	Y3239 1/8/07		MY3229 & MY3230 1/8/07		Y3246	Y3246	Y3246		Y3246					
CS-C03-325	FB	CS-C03-325 (B)	32	12/12/06	1015	Y3247	x	x	Y3239 1/8/07		MY3229 & MY3230 1/8/07		Y3247	Y3247	Y3247		Y3247					
CS-C03-550	N	CS-C03-550	33	12/12/06	1040	Y3248	x	x	Y3239 1/8/07		MY3229 & MY3230 1/8/07		Y3248	Y3248	Y3248		Y3248					
CS-C01-558	N	CS-C01-558	34	12/13/06	1040	Y3249	x		Y3239 1/8/07		KY3249 & MY3250 1/8/07		Y3249		Y3249		Y3249					
CS-C01-558	FB	CS-C01-558 (B)	35	12/13/06	1120	Y3250	x		Y3239 1/8/07		KY3249 & MY3250 1/8/07		Y3250		Y3250		Y3250					
CS-C04-520	N	CS-C04-520	36	12/13/06	1255	Y3251	x	x	Y3239 1/8/07		KY3249 & MY3250 1/8/07		Y3251		Y3251		Y3251					
CS-C04-520	FD	CS-C04-520 (D)	37	12/13/06	1330	Y3252	x	x	Y3239 1/8/07		KY3249 & MY3250 1/8/07		Y3252		Y3252		Y3252					
PO-VPB-10	N	PO-VPB-10	38	12/14/06	1005	Y3253	x		Y3239 1/8/07		KY3249 & MY3250 1/8/07		Y3253		Y3253		Y3253					
CS-C06-278	N	CS-C06-278	39	12/14/06	1210	Y3254	x	x	Y3239 1/8/07		KY3249 & MY3250 1/8/07		Y3254		Y3254		Y3254					
CS-C06-278	FB	CS-C06-278 (B)	40	12/14/06	1245	Y3255	x	x	Y3239 1/8/07		KY3249 & MY3250 1/8/07		Y3255		Y3255		Y3255					
PO-C01-354	N	PO-C01-354	41	12/15/06	1020	Y3256	x		Y3256 1/16/07		KY3249 & MY3250 1/8/07		Y3256		Y3256		Y3256					
PO-C01-354	FB	PO-C01-354 (B)	42	12/15/06	1100	Y3257	x		Y3256 1/16/07		KY3249 & MY3250 1/8/07		Y3257		Y3257		Y3257					
PO-VPB-03	N	PO-VPB-03	43	12/15/06	1133	Y3258	x		Y3256 1/16/07		KY3249 & MY3250 1/8/07		Y3258		Y3258		Y3258					
PO-C03-235	N	PO-C03-235	44	12/15/06	1220	Y3259	x		Y3256 1/16/07		KY3249 & MY3250 1/8/07		Y3259		Y3259		Y3259					
PO-C03-182	N	PO-C03-182	45	12/15/06	1225	Y3260	x		Y3256 1/16/07		KY3249 & MY3250 1/8/07		Y3260		Y3260		Y3260					
PO-C03-182	FD	PO-C03-182 (D)	46	12/15/06	1300	Y3261	x		Y3256 1/16/07		KY3249 & MY3250 1/8/07		Y3261		Y3261		Y3261					
PO-VPB-08	N	PO-VPB-08	47	12/18/06	0840	Y3262	x		Y3256 1/16/07		KY3249 & MY3250 1/8/07		Y3262		Y3262		Y3262					
PO-VPB-06	N	PO-VPB-06	48	12/18/06	0925	Y3263	x		Y3256 1/16/07		KY3249 & MY3250 1/8/07		Y3263		Y3263		Y3263					

Table 3
Cross Reference Table and SDG Tracking Sheet
4th Quarter 2006 Sampling Event
(matrix = water)

								Work Assignment to be charged for analyses	SFV 1-4	NHOU	SFV 1-4	NHOU	SFV 1-4	NHOU	SFV 1-4	NHOU	SFV 1-4	NHOU	NHOU	SFV 1-4	NHOU	NHOU
								Laboratory Assigned	CLP LIBRTY	CLP ENVSYS	CLP DATAC	CLP DATAC	R9	IAG Test America NHOU/SFV	R 9	R 9	R 9	R 9	R 9	IAG Test America SFV1-4	IAG Test America NHOU	IAG GPL
								Laboratory Case #	35950	35952	35950	35952	R07S14		R07S14	R07S15		R07S15	R07S15			
								Analyses	VOCs	VOCs	Dissolved Metals	Dissolved Metals	Cr6	Cr6	Nitrate, Cl-F-SO4, Alkalinity, TDS	Nitrate, Cl-F-SO4, Alkalinity, TDS	TOC	Perchl	1,4diox	123-TCP	123-TCP	NDMA
LocID	Sa Code	Well ID	Station #	Date	Time	Sample ID	Cr6 to R9	Cr6 to IAG	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd
PO-VPB-05	N	PO-VPB-05 (L)	49	12/18/06	1010	Y3264	x		Y3256 1/16/07		KY3249 & MY3250 1/8/07		Y3264		Y3264		Y3264					
PO-VPB-01	N	PO-VPB-01	50	12/18/06	1105	Y3265	x		Y3256 1/16/07		KY3249 & MY3250 1/8/07		Y3265		Y3265		Y3265					
PO-C02-205	N	PO-C02-205	51	12/18/06	1340	Y3266	x		Y3256 1/16/07		KY3249 & MY3250 1/8/07		Y3266		Y3266		Y3266					
PO-C02-053	N	PO-C02-053	52	12/18/06	1355	Y3267	x		Y3256 1/16/07		KY3249 & MY3250 1/8/07		Y3267		Y3267		Y3267					
PO-C02-053	FB	PO-C02-053 (B)	53	12/18/06	1430	Y3268	x		Y3256 1/16/07		KY3249 & MY3250 1/8/07		Y3268		Y3268		Y3268					
VD-VPB-05	N	VD-VPB-05	54	12/19/06	0820	Y3269	x		Y3256 1/16/07		MY3269 & MY3270 1/16/07		Y3269		Y3269		Y3269					
VD-VPB-01	N	VD-VPB-01 (L)	55	12/19/06	0910	Y3270	x		Y3256 1/16/07		MY3269 & MY3270 1/16/07		Y3270		Y3270		Y3270					
VD-VPB-06	N	VD-VPB-06	56	12/19/06	0950	Y3271	x		Y3256 1/16/07		MY3269 & MY3270 1/16/07		Y3271		Y3271		Y3271					
VD-VPB-07	N	VD-VPB-07	57	12/19/06	1040	Y3272	x		Y3256 1/16/07		MY3269 & MY3270 1/16/07		Y3272		Y3272		Y3272					
VD-VPB-02	N	VD-VPB-02	58	12/19/06	1130	Y3273	x		Y3256 1/16/07		MY3269 & MY3270 1/16/07		Y3273		Y3273		Y3273					
VD-VPB-03	N	VD-VPB-03	59	12/19/06	1205	Y3274	x		Y3256 1/16/07		MY3269 & MY3270 1/16/07		Y3274		Y3274		Y3274					
VD-VPB-03	FB	VD-VPB-03 (B)	60	12/19/06	1230	Y3275	x		Y3256 1/16/07		MY3269 & MY3270 1/16/07		Y3275		Y3275		Y3275					
NH-C05-460	N	NH-C05-460	61	12/20/06	1010	Y3276		x	Y3256 1/16/07		MY3269 & MY3270 1/16/07			Y3276	Y3276		Y3276					
NH-C01-325	N	NH-C01-325	62	12/20/06	1150	Y3277		x	Y3277 1/25/07		MY3269 & MY3270 1/16/07			Y3277	Y3277		Y3277					
NH-C01-325	FB	NH-C01-325 (B)	63	12/20/06	1230	Y3278		x	Y3277 1/25/07		MY3269 & MY3270 1/16/07			Y3278	Y3278		Y3278					
NH-C02-220	N	NH-C02-520	64	12/21/06	0915	Y3279		x	Y3277 1/25/07		MY3269 & MY3270 1/16/07			IPL2360 1/5/07	Y3279		Y3279				IPL2360 1/5/07	
NH-C02-325	N	NH-C02-220 (L)	65	12/21/06	0840	Y3280		x	Y3277 1/25/07		MY3269 & MY3270 1/16/07			IPL2360 1/5/07	Y3280		Y3280				IPL2360 1/5/07	
NH-C02-325	N	NH-C02-325	66	12/21/06	0950	Y3281		x	Y3277 1/25/07		MY3269 & MY3270 1/16/07			IPL2360 1/5/07	Y3281		Y3281				IPL2360 1/5/07	

Table 3
Cross Reference Table and SDG Tracking Sheet
4th Quarter 2006 Sampling Event
(matrix = water)

								Work Assignment to be charged for analyses	SFV 1-4	NHOU	SFV 1-4	NHOU	SFV 1-4	NHOU	SFV 1-4	NHOU	SFV 1-4	NHOU	NHOU	SFV 1-4	NHOU	NHOU
								Laboratory Assigned	CLP LIBRTY	CLP ENVSYS	CLP DATAC	CLP DATAC	R9	IAG Test America NHOU/SFV	R 9	R 9	R 9	R 9	R 9	IAG Test America SFV1-4	IAG Test America NHOU	IAG GPL
								Laboratory Case #	35950	35952	35950	35952	R07S14		R07S14	R07S15		R07S15	R07S15			
								Analyses	VOCs	VOCs	Dissolved Metals	Dissolved Metals	Cr6	Cr6	Nitrate, Cl-F-SO4, Alkalinity, TDS	Nitrate, Cl-F-SO4, Alkalinity, TDS	TOC	Perchl	1,4diox	123-TCP	123-TCP	NDMA
LocID	Sa Code	Well ID	Station #	Date	Time	Sample ID	Cr6 to R9	Cr6 to IAG	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd
NH-C02-520	FD	NH-C02-325 (D)	67	12/21/06	1015	Y3282	x	x	Y3277 1/25/07		MY3269 & MY3270 1/16/07		Y3282	IPL2360 1/5/07	Y3282		Y3282				IPL2360 1/5/07	
NH-C02-520	FB	NH-C02-520 (B)	68	12/21/06	0925	Y3283	x	x	Y3277 1/25/07		MY3269 & MY3270 1/16/07		Y3283	IPL2360 1/5/07	Y3283		Y3283				IPL2360 1/5/07	
NH-VPB-02	N	NH-VPB-02	69	12/26/06	0910	Y3284		x	Y3277 1/25/07		MY3284 & MY3285 1/24/07			IPL2597 1/5/07	Y3284		Y3284					
NH-VPB-02	FB	NH-VPB-02 (B)	70	12/26/06	0930	Y3285		x	Y3277 1/25/07		MY3284 & MY3285 1/24/07			IPL2597 1/5/07	Y3285		Y3285					
NH-C06-285	N	NH-C06-285	71	12/26/06	1110	Y3286	x	x	Y3277 1/25/07		MY3284 & MY3285 1/24/07		Y3286	IPL2597 1/5/07	Y3286		Y3286					
NH-C06-285	FD	NH-C06-285 (D)	72	12/21/06	1200	Y3287	x	x	Y3277 1/25/07		MY3284 & MY3285 1/24/07		Y3287	IPL2597 1/5/07	Y3287		Y3287					
NH-VPB-01	N	NH-VPB-01	73	12/27/06	0825	Y3288	x	x	Y3277 1/25/07		MY3284 & MY3285 1/24/07		Y3288	IPL2729 1/9/07	Y3288		Y3288					
CS-VPB-08	N	CS-VPB-08	74	12/27/06	0927	Y3289	x	x	Y3277 1/25/07		MY3284 & MY3285 1/24/07		Y3289	IPL2729 1/9/07	Y3289		Y3289			IPL2729 1/9/07		
NH-VPB-05	N	NH-VPB-05	75	12/27/06	1105	Y3290	x	x	Y3277 1/25/07		MY3284 & MY3285 1/24/07		Y3290	IPL2729 1/9/07	Y3290		Y3290				IPL2729 1/9/07	
NH-VPB-08	N	NH-VPB-08	76	12/27/06	1319	Y3291	x	x	Y3277 1/25/07		MY3284 & MY3285 1/24/07		Y3291	IPL2729 1/9/07	Y3291		Y3291				IPL2729 1/9/07	
NH-VPB-08	FB	NH-VPB-08 (B)	77	12/27/06	1400	Y3292	x	x	Y3277 1/25/07		MY3284 & MY3285 1/24/07		Y3292	IPL2729 1/9/07	Y3292		Y3292				IPL2729 1/9/07	
CS-VPB-01	N	CS-VPB-01	78	12/28/06	0755	Y3293	x	x	Y3293 1/17/07		MY3284 & MY3285 1/24/07		Y3293	IPL2849 1/17/07	Y3293		Y3293			IPL2849 1/17/07		
CS-C03-100	N	CS-C03-100 (L)	79	12/28/06	0920	Y3294	x		Y3293 1/17/07		MY3284 & MY3285 1/24/07		Y3294		Y3294		Y3294			IPL2849 1/17/07		
CS-C03-465	N	CS-C03-465	80	12/28/06	1032	Y3295	x		Y3295 1/17/07		MY3284 & MY3285 1/24/07		Y3295		Y3295		Y3295					
CS-C01-105	N	CS-C01-105	81	12/28/06	1205	Y3296	x		Y3295 1/17/07		MY3284 & MY3285 1/24/07		Y3296		Y3296		Y3296			IPL2849 1/17/07		
CS-C01-105	FB	CS-C01-105 (B)	82	12/28/06	1300	Y3297	x	x	Y3295 1/17/07		MY3284 & MY3285 1/24/07		Y3297	IPL2849 1/17/07	Y3297		Y3297			IPL2849 1/17/07		
CS-C01-285	N	CS-C01-285	83	12/28/06	1215	Y3298	x	x	Y3293 1/17/07		MY3284 & MY3285 1/24/07		Y3298	IPL2849 1/17/07	Y3298		Y3298			IPL2849 1/17/07		
CS-VPB-03	N	CS-VPB-03 (L)	84	1/2/07	0845	Y3299	x		Y3295 1/17/07		MY3284 & MY3285 1/24/07		Y3299		Y3299		Y3299			IQA0184 1/17/07		

Table 3
Cross Reference Table and SDG Tracking Sheet
4th Quarter 2006 Sampling Event
(matrix = water)

								Work Assignment to be charged for analyses	SFV 1-4	NHOU	SFV 1-4	NHOU	SFV 1-4	NHOU	SFV 1-4	NHOU	SFV 1-4	NHOU	NHOU	SFV 1-4	NHOU	NHOU
								Laboratory Assigned	CLP LIBRTY	CLP ENVSYS	CLP DATAC	CLP DATAC	R9	IAG Test America NHOU/SFV	R 9	R 9	R 9	R 9	R 9	IAG Test America SFV1-4	IAG Test America NHOU	IAG GPL
								Laboratory Case #	35950	35952	35950	35952	R07S14		R07S14	R07S15		R07S15	R07S15			
								Analyses	VOCs	VOCs	Dissolved Metals	Dissolved Metals	Cr6	Cr6	Nitrate, Cl-F-SO4, Alkalinity, TDS	Nitrate, Cl-F-SO4, Alkalinity, TDS	TOC	Perchl	1,4diox	123-TCP	123-TCP	NDMA
LocID	Sa Code	Well ID	Station #	Date	Time	Sample ID	Cr6 to R9	Cr6 to IAG	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd
CS-VPB-03	FB	CS-VPB-03 (B)	85	1/2/07	0930	Y32A0	x		Y3295 1/17/07		MY32A1 1/24/07		Y32A0		Y32A0		Y32A0			IQA0184 1/17/07		
CS-VPB-03	FD	CS-VPB-03 (D)	86	1/2/07	0900	Y32A1	x		Y3295 1/17/07		MY32A1 1/24/07		Y32A1		Y32A1		Y32A1			IQA0184 1/17/07		
CS-C05-160	N	CS-C05-160	87	1/2/07	1150	Y32A2	x		Y3293 1/17/07		MY32A1 1/24/07		Y32A2		Y32A2		Y32A2					
CS-VPB-05	N	CS-VPB-05	88	1/2/07	1208	Y32A3	x		Y3293 1/17/07		MY32A1 1/24/07		Y32A3		Y32A3		Y32A3			IQA0184 1/17/07		
CS-C05-290	N	CS-C05-290	89	1/2/07	1236	Y32A4	x		Y3295 1/17/07		MY32A1 1/24/07		Y32A4		Y32A4		Y32A4					
CS-C04-290	N	CS-C04-290	90	1/3/07	0900	Y32A5	x		Y3295 1/17/07		MY32A1 1/24/07		Y32A5		Y32A5		Y32A5					
CS-C04-382	N	CS-C04-382	91	1/3/07	0920	Y32A6	x		Y3295 1/17/07		MY32A1 1/24/07		Y32A6		Y32A6		Y32A6					
CS-VPB-04	N	CS-VPB-04	92	1/3/07	0950	Y32A7	x		Y3293 1/17/07		MY32A1 1/24/07		Y32A7		Y32A7		Y32A7			IQA0184 1/17/07		
CS-VPB-07	N	CS-VPB-07	93	1/3/07	1038	Y32A8	x		Y3293 1/17/07		MY32A1 1/24/07		Y32A8		Y32A8		Y32A8			IQA0184 1/17/07		
CS-VPB-11	N	CS-VPB-11 (L)	94	1/3/07	1335	Y32A9	x		Y3295 1/17/07		MY32A1 1/24/07		Y32A9		Y32A9		Y32A9			IQA0184 1/17/07		
CS-VPB-11	FB	CS-VPB-11 (B)	95	1/3/07	1345	Y32B0	x		Y3295 1/17/07		MY32A1 1/24/07		Y32B0		Y32B0		Y32B0			IQA0184 1/17/07		
CS-VPB-06	N	CS-VPB-06	96	1/4/07	0825	Y32B1	x		Y3293 1/17/07		MY32A1 1/24/07		Y32B1		Y32B1		Y32B1			IQA0428 1/17/07		
CS-VPB-06	FD	CS-VPB-06 (D)	97	1/4/07	0845	Y32B2	x		Y3293 1/17/07		MY32A1 1/24/07		Y32B2		Y32B2		Y32B2			IQA0428 1/17/07		
CS-C06-185	N	CS-C06-185	98	1/4/07	0851	Y32B3	x		Y32B3 1/17/07		MY32A1 1/24/07		Y32B3		Y32B3		Y32B3					
CS-C02-180	N	CS-C02-180	99	1/4/07	1305	Y32B4	x		Y32B3 1/17/07		MY32A1 1/24/07		Y32B4		Y32B4		Y32B4			IQA0428 1/17/07		
CS-C02-335	N	CS-C02-335	100	1/4/07	1330	Y32B5	x		Y3293 1/17/07		MY32A1 1/24/07		Y32B5		Y32B5		Y32B5			IQA0428 1/17/07		
CS-C02-250	N	CS-C02-250	101	1/4/07	1425	Y32B6	x		Y3293 1/17/07		MY32A1 1/24/07		Y32B6		Y32B6		Y32B6			IQA0428 1/17/07		
CS-C02-062	N	CS-C02-062 (L)	102	1/4/07	1405	Y32B7	x		Y32B3 1/17/07		MY32A1 1/24/07		Y32B7		Y32B7		Y32B7			IQA0428 1/17/07		

Table 3
Cross Reference Table and SDG Tracking Sheet
4th Quarter 2006 Sampling Event
(matrix = water)

Work Assignment to be charged for analyses									SFV 1-4	NHOU	SFV 1-4	NHOU	SFV 1-4	NHOU	SFV 1-4	NHOU	SFV 1-4	NHOU	NHOU	SFV 1-4	NHOU	NHOU
Laboratory Assigned									CLP LIBRTY	CLP ENVSYS	CLP DATAC	CLP DATAC	R9	IAG Test America NHOU/SFV	R 9	R 9	R 9	R 9	R 9	IAG Test America SFV1-4	IAG Test America NHOU	IAG GPL
Laboratory Case #									35950	35952	35950	35952	R07S14		R07S14	R07S15		R07S15	R07S15			
Analyses									VOCs	VOCs	Dissolved Metals	Dissolved Metals	Cr6	Cr6	Nitrate, Cl-F-SO4, Alkalinity, TDS	Nitrate, Cl-F-SO4, Alkalinity, TDS	TOC	Perchl	1,4diox	123-TCP	123-TCP	NDMA
LocID	Sa Code	Well ID	Station #	Date	Time	Sample ID	Cr6 to R9	Cr6 to IAG	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd	SDG # - date rec'd
CS-C02-062	FB	CS-C02-062 (B)	103	1/4/07	1500	Y32B8	x		Y32B3 1/17/07		MY32A1 1/24/07		Y32B8		Y32B8		Y32B8			IQA0428 1/17/07		
CS-VPB-10	N	CS-VPB-10	104	1/5/07	0810	Y32B9	x		Y32B3 1/17/07		MY32C0 1/24/07		Y32B9		Y32B9		Y32B9			IQA0428 1/17/07		
CS-VPB-10	FB	CS-VPB-10 (B)	105	1/5/07	0830	Y32C0	x		Y32B3 1/17/07		MY32C0 1/24/07		Y32C0		Y32C0		Y32C0			IQA0428 1/17/07		
PO-VPB-02	N	PO-VPB-02	106	1/5/07	0930	Y32C1	x		Y3293 1/17/07		MY32C0 1/24/07		Y32C1		Y32C1		Y32C1			IQA0428 1/17/07		
PO-VPB-02	FD	PO-VPB-02 (D)	107	1/5/07	0940	Y32C2	x		Y3293 1/17/07		MY32C0 1/24/07		Y32C2		Y32C2		Y32C2			IQA0428 1/17/07		
PO-C01-195	N	PO-C01-195	108	1/5/07	1000	Y32C3	x		Y32B3 1/17/07		MY32C0 1/24/07		Y32C3		Y32C3		Y32C3					
PO-VPB-07	N	PO-VPB-07	109	1/5/07	1040	Y32C4	x		Y32B3 1/17/07		MY32C0 1/24/07		Y32C4		Y32C4		Y32C4					

Appendix E
Summary of Detected Compounds

TABLE E-1
Summary of Detected Compounds First Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			CS-C01-105	CS-C01-285	CS-C02-062	CS-C02-180	CS-C02-250	CS-C02-335	CS-C03-100	CS-C03-465	CS-C04-290
	Sample Date:			3/15/2006	3/27/2006	3/24/2006	3/24/2006	3/24/2006	3/24/2006	3/27/2006	3/17/2006	3/17/2006
Analyte	**Threshold**		**Units**									
1,1,1-Trichloroethane	200	a	µg/L	ND (0.5)	ND (0.5)	ND (0.96)	ND (0.5)	ND (0.5)	ND (0.5)	ND (6.3)	ND (0.5)	ND (0.5)
1,1,2-Trichloro-1,2,2-trifluoroethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.96)	ND (0.5)	ND (0.5)	0.11 J	ND (6.3)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	5.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.96)	ND (0.5)	ND (0.5)	ND (0.5)	ND (6.3)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	5.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.96)	ND (0.5)	ND (0.5)	ND (0.5)	ND (6.3)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	6.00	a	µg/L	ND (0.5)	1.6	ND (0.96)	ND (0.5)	0.76	1.1	**15**	ND (0.5)	1.3
1,2,3-Trichloropropane	0.50	d	µg/L	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	0.50	a	µg/L	ND (0.5)	ND (0.5)	ND (0.96)	ND (0.5)	ND (0.5)	ND (0.5)	ND (6.3)	ND (0.5)	ND (0.5)
1,4-Dioxane	300	d	µg/L	--	--	--	--	--	--	--	--	--
Acetone	6300	f	µg/L	ND (5)	ND (5)	ND (9.6)	ND (5)	2.4 J	ND (5)	ND (63)	ND (5)	ND (5)
Alkalinity	NE		mg/L	--	--	--	--	--	--	--	--	--
Alkalinity bicarbonate	NE		mg/L	--	--	--	--	--	--	--	--	--
Antimony	6.00	a	µg/L	--	--	--	--	--	--	--	--	--
Arsenic	10.0	e	µg/L	--	--	--	--	--	--	--	--	--
Barium	1000	a	µg/L	--	--	--	--	--	--	--	--	--
Benzene	1.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.96)	ND (0.5)	ND (0.5)	ND (0.5)	ND (6.3)	ND (0.5)	ND (0.5)
Beryllium	4.00	a	µg/L	--	--	--	--	--	--	--	--	--
Boron	1000	d	µg/L	--	--	--	--	--	--	--	--	--
Bromide	NE		mg/L	--	--	--	--	--	--	--	--	--
Bromodichloromethane	80.0	e	µg/L	ND (0.5)	ND (0.5)	ND (0.96)	ND (0.5)	ND (0.5)	ND (0.5)	ND (6.3)	ND (0.5)	ND (0.5)
Cadmium	5.00	a	µg/L	--	--	--	--	--	--	--	--	--
Calcium	NE		µg/L	--	--	--	--	--	--	--	--	--
Carbon disulfide	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.96)	ND (0.5)	ND (0.5)	ND (0.5)	ND (6.3)	ND (0.5)	ND (0.5)
Carbon tetrachloride	0.50	a	µg/L	ND (0.5)	**1.6**	0.22 J	0.23 J	**1.2**	**1.1**	ND (6.3)	ND (0.5)	0.12 J
Chloride	NE		mg/L	--	--	--	--	--	--	--	--	--
Chloroform	80.0	e	µg/L	ND (0.5)	0.65	0.55 J	ND (0.5)	0.6	1.1	ND (6.3)	ND (0.5)	0.15 J
Chromium	50.0	a	µg/L	--	--	--	--	--	--	--	--	--
Chromium VI	50.0	*	µg/L	1.9 J	5.5 J	2.2 J	0.33 J	0.98 J	5.5 J	**66 J**	2 J	4.4 J
cis-1,2-Dichloroethene	6.00	a	µg/L	ND (0.5)	0.84	ND (0.96)	ND (0.5)	0.41 J	0.75	ND (6.3)	ND (0.5)	ND (0.5)
Cobalt	140	f	µg/L	--	--	--	--	--	--	--	--	--
Copper	1300	g	µg/L	--	--	--	--	--	--	--	--	--
Dichlorodifluoromethane	NE		µg/L	ND (0.5)	1.3	ND (0.96)	ND (0.5)	ND (0.5)	ND (0.5)	ND (6.3)	ND (0.5)	ND (0.5)
Fluoride	2.00	a	mg/L	--	--	--	--	--	--	--	--	--

TABLE E-1
Summary of Detected Compounds First Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			CS-C01-105	CS-C01-285	CS-C02-062	CS-C02-180	CS-C02-250	CS-C02-335	CS-C03-100	CS-C03-465	CS-C04-290
	Sample Date:			3/15/2006	3/27/2006	3/24/2006	3/24/2006	3/24/2006	3/24/2006	3/27/2006	3/17/2006	3/17/2006
Analyte	**Threshold**		**Units**									
Hardness	NE		mg/L	--	--	--	--	--	--	--	--	--
Lead	15.0	g	µg/L	--	--	--	--	--	--	--	--	--
Magnesium	NE		µg/L	--	--	--	--	--	--	--	--	--
Manganese	50.0	a	µg/L	--	--	--	--	--	--	--	--	--
Methyl tert-butyl ether	13.0	a	µg/L	ND (0.5)	ND (0.5)	ND (0.96)	ND (0.5)	ND (0.5)	ND (0.5)	ND (6.3)	ND (0.5)	ND (0.5)
Methylene chloride	5.00	a	µg/L	ND (0.5)	ND (0.5)	0.24 J	ND (0.5)	ND (0.5)	0.15 J	ND (6.3)	ND (0.5)	ND (0.5)
Molybdenum	35.0	f	µg/L	--	--	--	--	--	--	--	--	--
Nitrate	45.0	a	mg/L	**75.65**	23.14	**53.4 J**	13.795 J	21.36 J	34.71 J	**48.95**	4.45	10.68
N-Nitrosodimethylamine	0.20	d	µg/L	--	--	--	--	--	--	--	--	--
Perchlorate	6.00	a	µg/L	--	--	--	--	--	--	--	--	--
Potassium	NE		µg/L	--	--	--	--	--	--	--	--	--
Selenium	50.0	a	µg/L	--	--	--	--	--	--	--	--	--
Silver	100	b	µg/L	--	--	--	--	--	--	--	--	--
Sodium	NE		µg/L	--	--	--	--	--	--	--	--	--
Sulfate	250	b	mg/L	--	--	--	--	--	--	--	--	--
Tetrachloroethene	5.00	a	µg/L	4.2	**140**	**11**	**5.2**	**61**	**210**	**14**	2	**9.3**
Thallium	2.00	a	µg/L	--	--	--	--	--	--	--	--	--
Toluene	150	a	µg/L	ND (0.5)	ND (0.5)	ND (0.96)	ND (0.5)	ND (0.5)	ND (0.5)	6.3 J	ND (0.5)	ND (0.5)
Total Dissolved Solids	NE		mg/L	--	--	--	--	--	--	--	--	--
Total Organic Carbon	NE		mg/L	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	10.0	a	µg/L	ND (0.5)	ND (0.5)	ND (0.96)	ND (0.5)	ND (0.5)	ND (0.5)	ND (6.3)	ND (0.5)	ND (0.5)
Trichloroethene	5.00	a	µg/L	**5.8**	**210**	**21**	**13**	**130**	**290**	**140**	**10**	**17**
Trichlorofluoromethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.96)	ND (0.5)	ND (0.5)	ND (0.5)	ND (6.3)	ND (0.5)	ND (0.5)
Vanadium	50.0	d	µg/L	--	--	--	--	--	--	--	--	--
Vinyl chloride	0.50	a	µg/L	ND (0.5)	ND (0.5)	ND (0.96)	ND (0.5)	ND (0.5)	ND (0.5)	ND (6.3)	ND (0.5)	ND (0.5)
Zinc	5000	b	µg/L	--	--	--	--	--	--	--	--	--

TABLE E-1
Summary of Detected Compounds First Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			CS-C04-382	CS-C05-160	CS-C05-290	CS-C06-185	CS-VPB-01	CS-VPB-03	CS-VPB-05	CS-VPB-06	CS-VPB-07
	Sample Date:			3/17/2006	3/17/2006	3/17/2006	3/20/2006	3/24/2006	3/17/2006	3/27/2006	3/27/2006	3/28/2006
Analyte	**Threshold**		**Units**									
1,1,1-Trichloroethane	200	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	1.2	ND (13)	ND (500)
1,1,2-Trichloro-1,2,2-trifluoroethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	3.8	ND (13)	ND (500)
1,1,2-Trichloroethane	5.00	a	µg/L	ND (0.5)	0.26 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	2.2	ND (13)	ND (500)
1,1-Dichloroethane	5.00	a	µg/L	ND (0.5)	0.99	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	**15**	ND (13)	ND (500)
1,1-Dichloroethene	6.00	a	µg/L	0.31 J	**13**	0.18 J	0.33 J	0.17 J	**7.6**	**220**	**25**	**630**
1,2,3-Trichloropropane	0.50	d	µg/L	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	0.50	a	µg/L	ND (0.5)	**0.96**	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	**2.9**	ND (13)	ND (500)
1,4-Dioxane	300	d	µg/L	--	--	--	--	--	--	--	--	--
Acetone	6300	f	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	88 J	ND (5000)
Alkalinity	NE		mg/L	--	--	--	--	--	--	--	--	--
Alkalinity bicarbonate	NE		mg/L	--	--	--	--	--	--	--	--	--
Antimony	6.00	a	µg/L	--	--	--	--	--	--	--	--	--
Arsenic	10.0	e	µg/L	--	--	--	--	--	--	--	--	--
Barium	1000	a	µg/L	--	--	--	--	--	--	--	--	--
Benzene	1.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.26 J	ND (13)	ND (500)
Beryllium	4.00	a	µg/L	--	--	--	--	--	--	--	--	--
Boron	1000	d	µg/L	--	--	--	--	--	--	--	--	--
Bromide	NE		mg/L	--	--	--	--	--	--	--	--	--
Bromodichloromethane	80.0	e	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.35 J	ND (13)	ND (500)
Cadmium	5.00	a	µg/L	--	--	--	--	--	--	--	--	--
Calcium	NE		µg/L	--	--	--	--	--	--	--	--	--
Carbon disulfide	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (13)	ND (500)
Carbon tetrachloride	0.50	a	µg/L	0.14 J	**2.9**	ND (0.5)	0.11 J	0.49 J	0.22 J	**9.7**	**4.8 J**	ND (500)
Chloride	NE		mg/L	--	--	--	--	--	--	--	--	--
Chloroform	80.0	e	µg/L	0.18 J	4.3	0.1 J	0.1 J	0.64	0.18 J	15	2.8 J	ND (500)
Chromium	50.0	a	µg/L	--	--	--	--	--	--	--	--	--
Chromium VI	50.0	*	µg/L	2.3 J	**56**	1.2	0.71 J	2.4 J	**53 J**	**240 J**	8.9 J	45 J
cis-1,2-Dichloroethene	6.00	a	µg/L	ND (0.5)	2.6	ND (0.5)	0.16 J	0.25 J	ND (0.5)	ND (130)	ND (13)	ND (500)
Cobalt	140	f	µg/L	--	--	--	--	--	--	--	--	--
Copper	1300	g	µg/L	--	--	--	--	--	--	--	--	--
Dichlorodifluoromethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (13)	ND (500)
Fluoride	2.00	a	mg/L	--	--	--	--	--	--	--	--	--

TABLE E-1
Summary of Detected Compounds First Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			CS-C04-382	CS-C05-160	CS-C05-290	CS-C06-185	CS-VPB-01	CS-VPB-03	CS-VPB-05	CS-VPB-06	CS-VPB-07
	Sample Date:			3/17/2006	3/17/2006	3/17/2006	3/20/2006	3/24/2006	3/17/2006	3/27/2006	3/27/2006	3/28/2006
Analyte	**Threshold**		**Units**									
Hardness	NE		mg/L	--	--	--	--	--	--	--	--	--
Lead	15.0	g	µg/L	--	--	--	--	--	--	--	--	--
Magnesium	NE		µg/L	--	--	--	--	--	--	--	--	--
Manganese	50.0	a	µg/L	--	--	--	--	--	--	--	--	--
Methyl tert-butyl ether	13.0	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.64	ND (0.5)	0.52	ND (13)	ND (500)
Methylene chloride	5.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (13)	ND (500)
Molybdenum	35.0	f	µg/L	--	--	--	--	--	--	--	--	--
Nitrate	45.0	a	mg/L	8.9	30.705	7.565	9.345	40.94 J	14.685	**57.85**	39.16	29.37
N-Nitrosodimethylamine	0.20	d	µg/L	--	--	--	--	--	--	--	--	--
Perchlorate	6.00	a	µg/L	--	--	--	--	--	--	--	--	--
Potassium	NE		µg/L	--	--	--	--	--	--	--	--	--
Selenium	50.0	a	µg/L	--	--	--	--	--	--	--	--	--
Silver	100	b	µg/L	--	--	--	--	--	--	--	--	--
Sodium	NE		µg/L	--	--	--	--	--	--	--	--	--
Sulfate	250	b	mg/L	--	--	--	--	--	--	--	--	--
Tetrachloroethene	5.00	a	µg/L	**19**	**11**	**14**	1.9	**72**	ND (0.5)	**64 J**	**6.3 J**	ND (500)
Thallium	2.00	a	µg/L	--	--	--	--	--	--	--	--	--
Toluene	150	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (13)	ND (500)
Total Dissolved Solids	NE		mg/L	--	--	--	--	--	--	--	--	--
Total Organic Carbon	NE		mg/L	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	10.0	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.49 J	ND (13)	ND (500)
Trichloroethene	5.00	a	µg/L	**26 E**	**290**	**16**	**8**	**78**	**7.4**	**1,900**	**350**	**5,000**
Trichlorofluoromethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (13)	ND (500)
Vanadium	50.0	d	µg/L	--	--	--	--	--	--	--	--	--
Vinyl chloride	0.50	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.18 J	ND (13)	ND (500)
Zinc	5000	b	µg/L	--	--	--	--	--	--	--	--	--

TABLE E-1
Summary of Detected Compounds First Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			CS-VPB-09	CS-VPB-10	NH-C02-220	NH-C02-325	NH-C02-520	NH-C03-380	NH-C03-580	NH-C03-680	NH-C05-460
	Sample Date:			3/20/2006	3/20/2006	3/23/2006	3/14/2006	3/23/2006	3/15/2006	3/15/2006	3/15/2006	3/23/2006
Analyte	**Threshold**		**Units**									
1,1,1-Trichloroethane	200	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.18 J
1,1,2-Trichloro-1,2,2-trifluoroethane	NE		µg/L	14	ND (0.5)	0.43 J	ND (0.5)	0.2 J	ND (0.5)	ND (0.5)	ND (0.5)	0.21 J
1,1,2-Trichloroethane	5.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	5.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	0.15 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	6.00	a	µg/L	0.16 J	0.16 J	0.22 J	0.29 J	0.89	ND (0.5)	ND (0.5)	ND (0.5)	0.55
1,2,3-Trichloropropane	0.50	d	µg/L	--	--	--	0.005	--	--	--	--	--
1,2-Dichloroethane	0.50	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,4-Dioxane	300	d	µg/L	--	--	ND (1)	0.6 J	--	ND (1)	--	--	--
Acetone	6300	f	µg/L	ND (5)	5 J	ND (5)	ND (5)	ND (5)	3.7 J	2.2 J	ND (5)	ND (5)
Alkalinity	NE		mg/L	--	--	250	240	--	210	--	--	--
Alkalinity bicarbonate	NE		mg/L	--	--	250	240	--	210	--	--	--
Antimony	6.00	a	µg/L	--	--	ND (1)	3.3	--	ND (1)	--	--	--
Arsenic	10.0	e	µg/L	--	--	0.55 J	3.4	--	0.55 J	--	--	--
Barium	1000	a	µg/L	--	--	140	83	--	92	--	--	--
Benzene	1.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Beryllium	4.00	a	µg/L	--	--	ND (0.5)	0.75	--	ND (0.5)	--	--	--
Boron	1000	d	µg/L	--	--	130	150	--	130	--	--	--
Bromide	NE		mg/L	--	--	0.14	0.17	--	0.07 J	--	--	--
Bromodichloromethane	80.0	e	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Cadmium	5.00	a	µg/L	--	--	ND (1)	0.62 J	--	ND (1)	--	--	--
Calcium	NE		µg/L	--	--	100,000	74,000	--	66,000	--	--	--
Carbon disulfide	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon tetrachloride	0.50	a	µg/L	ND (0.5)	0.38 J	**2**	0.5	**1.6**	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chloride	NE		mg/L	--	--	41	22	--	15	--	--	--
Chloroform	80.0	e	µg/L	0.17 J	2.3	0.87	0.44 J	0.74	ND (0.5)	ND (0.5)	ND (0.5)	0.15 J
Chromium	50.0	a	µg/L	--	--	3.6	3.1	--	1.9	--	--	--
Chromium VI	50.0	*	µg/L	6.2 J	2 J	3.7 J	1.2	1.2 J	0.47 J	2.2 J	1.3 J	0.22
cis-1,2-Dichloroethene	6.00	a	µg/L	ND (0.5)	0.14 J	ND (0.5)	0.43 J	ND (0.5)	0.3 J	0.25 J	0.14 J	0.27 J
Cobalt	140	f	µg/L	--	--	ND (0.5)	0.73	--	ND (0.5)	--	--	--
Copper	1300	g	µg/L	--	--	1.9 J	1.9 J	--	ND (2)	--	--	--
Dichlorodifluoromethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	0.96	ND (0.5)	0.49 J	0.18 J	0.12 J	0.13 J
Fluoride	2.00	a	mg/L	--	--	0.34	0.47	--	0.44	--	--	--

TABLE E-1
Summary of Detected Compounds First Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			CS-VPB-09	CS-VPB-10	NH-C02-220	NH-C02-325	NH-C02-520	NH-C03-380	NH-C03-580	NH-C03-680	NH-C05-460
	Sample Date:			3/20/2006	3/20/2006	3/23/2006	3/14/2006	3/23/2006	3/15/2006	3/15/2006	3/15/2006	3/23/2006
Analyte	**Threshold**		**Units**									
Hardness	NE		mg/L	--	--	340	260	--	230	--	--	--
Lead	15.0	g	µg/L	--	--	ND (2)	3.6	--	ND (2)	--	--	--
Magnesium	NE		µg/L	--	--	23,000	19,000	--	15,000	--	--	--
Manganese	50.0	a	µg/L	--	--	ND (2)	2.3	--	2.9	--	--	--
Methyl tert-butyl ether	13.0	a	µg/L	ND (0.5)	0.28 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Methylene chloride	5.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	0.5 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Molybdenum	35.0	f	µg/L	--	--	6.5	9.8	--	6	--	--	--
Nitrate	45.0	a	mg/L	**53.4**	**57.85**	**48.95**	19.135	20.47	8.455	9.345	5.785	17.355
N-Nitrosodimethylamine	0.20	d	µg/L	--	--	--	0.002	--	--	--	--	--
Perchlorate	6.00	a	µg/L	--	--	3.2	ND (2)	--	ND (2)	--	--	--
Potassium	NE		µg/L	--	--	4,600 J	3,700 J	--	3,800 J	--	--	--
Selenium	50.0	a	µg/L	--	--	0.99 J	7.9	--	0.59 J	--	--	--
Silver	100	b	µg/L	--	--	ND (0.5)	0.27 J	--	ND (0.5)	--	--	--
Sodium	NE		µg/L	--	--	31,000	29,000	--	26,000	--	--	--
Sulfate	250	b	mg/L	--	--	93	61	--	63	--	--	--
Tetrachloroethene	5.00	a	µg/L	**11**	**31**	0.32 J	2.6	0.96	1.3	1.4	0.57	1.1
Thallium	2.00	a	µg/L	--	--	ND (2)	**6.7**	--	ND (2)	--	--	--
Toluene	150	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	0.11 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Total Dissolved Solids	NE		mg/L	--	--	510	390	--	340	--	--	--
Total Organic Carbon	NE		mg/L	--	--	2.3	1.1	--	ND (1) J	--	--	--
trans-1,2-Dichloroethene	10.0	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	5.00	a	µg/L	0.15 J	**13**	**11**	**15**	**26**	0.85	2.9	1.6	**110**
Trichlorofluoromethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	0.1 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Vanadium	50.0	d	µg/L	--	--	ND (4)	2.8 J	--	ND (4)	--	--	--
Vinyl chloride	0.50	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Zinc	5000	b	µg/L	--	--	3.7 J	2.9 J	--	ND (5)	--	--	--

TABLE E-1
Summary of Detected Compounds First Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			NH-C06-160	NH-C06-285	NH-VPB-01	NH-VPB-02	NH-VPB-05	NH-VPB-06	NH-VPB-07	PO-C01-195	PO-C02-053
	Sample Date:			3/15/2006	3/15/2006	3/16/2006	3/16/2006	3/14/2006	3/23/2006	3/16/2006	3/21/2006	3/21/2006
Analyte	**Threshold**		**Units**									
1,1,1-Trichloroethane	200	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloro-1,2,2-trifluoroethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	1.6	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	5.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	5.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.1 J	0.27 J	ND (0.5)	ND (0.5)
1,1-Dichloroethene	6.00	a	µg/L	ND (0.5)	0.32 J	ND (0.5)	ND (0.5)	0.72	ND (0.5)	0.49 J	0.23 J	ND (0.5)
1,2,3-Trichloropropane	0.50	d	µg/L	--	--	--	--	0.023	--	--	--	--
1,2-Dichloroethane	0.50	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,4-Dioxane	300	d	µg/L	ND (1)	--	ND (1)	ND (1)	ND (1)	2	1.1	--	--
Acetone	6300	f	µg/L	ND (5)	2.6 J	ND (5)	ND (5)	5 J	ND (5)	2.9 J	ND (5)	ND (5)
Alkalinity	NE		mg/L	220	--	270	250	270	270	240	--	--
Alkalinity bicarbonate	NE		mg/L	220	--	270	250	270	270	240	--	--
Antimony	6.00	a	µg/L	ND (1)	--	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	--	--
Arsenic	10.0	e	µg/L	ND (1)	--	0.67 J	ND (1)	0.74 J	ND (1)	0.54 J	--	--
Barium	1000	a	µg/L	150	--	160	110	130	230	130	--	--
Benzene	1.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Beryllium	4.00	a	µg/L	ND (0.5)	--	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	--	--
Boron	1000	d	µg/L	150	--	130	140	180	230	260	--	--
Bromide	NE		mg/L	0.39	--	0.26	0.24	0.2	0.21	0.21	--	--
Bromodichloromethane	80.0	e	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Cadmium	5.00	a	µg/L	ND (1)	--	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	--	--
Calcium	NE		µg/L	97,000	--	130,000	93,000	110,000	110,000	92,000	--	--
Carbon disulfide	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon tetrachloride	0.50	a	µg/L	0.1 J	**0.76**	**1**	ND (0.5)	**3.7**	ND (0.5)	0.38 J	**0.52**	0.11 J
Chloride	NE		mg/L	41	--	76	45	50	42	50	--	--
Chloroform	80.0	e	µg/L	1.2	1.3	0.7	0.46 J	1.6	0.7	0.46 J	0.34 J	1.3
Chromium	50.0	a	µg/L	6.8	--	3.8	4.5	3.6	1.5	1.3	--	--
Chromium VI	50.0	*	µg/L	6.6 J	1 J	2.8	3.8 J	3.2	1 J	0.89 J	ND (0.2)	1.2
cis-1,2-Dichloroethene	6.00	a	µg/L	ND (0.5)	0.11 J	ND (0.5)	ND (0.5)	ND (0.5)	1.4	0.27 J	0.19 J	0.48 J
Cobalt	140	f	µg/L	ND (0.5)	--	ND (0.5)	ND (0.5)	0.38 J	ND (0.5)	ND (0.5)	--	--
Copper	1300	g	µg/L	ND (2)	--	1.4 J	4.4	1.6 J	ND (2)	1.6 J	--	--
Dichlorodifluoromethane	NE		µg/L	ND (0.5)	ND (0.5)	0.47 J	0.14 J	ND (0.5)	0.45 J	1.1	ND (0.5)	ND (0.5)
Fluoride	2.00	a	mg/L	0.37	--	0.36	0.26	0.38	0.27	0.28	--	--

TABLE E-1
Summary of Detected Compounds First Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			NH-C06-160	NH-C06-285	NH-VPB-01	NH-VPB-02	NH-VPB-05	NH-VPB-06	NH-VPB-07	PO-C01-195	PO-C02-053
	Sample Date:			3/15/2006	3/15/2006	3/16/2006	3/16/2006	3/14/2006	3/23/2006	3/16/2006	3/21/2006	3/21/2006
Analyte	**Threshold**		**Units**									
Hardness	NE		mg/L	320	--	450	320	380	370	320	--	--
Lead	15.0	g	µg/L	ND (2)	--	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	--	--
Magnesium	NE		µg/L	19,000	--	30,000	22,000	26,000	22,000	21,000	--	--
Manganese	50.0	a	µg/L	ND (2)	--	2.4	1.3 J	ND (2)	10	ND (2)	--	--
Methyl tert-butyl ether	13.0	a	µg/L	ND (0.5)	ND (0.5)	0.16 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Methylene chloride	5.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Molybdenum	35.0	f	µg/L	5.4	--	4.7	8.7	5.2	3.4	2.3	--	--
Nitrate	45.0	a	mg/L	**80.1**	42.275	**48.95**	**62.3**	**71.2**	**66.75**	**57.85**	25.81	36.045
N-Nitrosodimethylamine	0.20	d	µg/L	--	--	--	--	ND (0.002) J	--	--	--	--
Perchlorate	6.00	a	µg/L	2.4	--	3.3	1.7 J	3.2	1.6 J	1.6 J	--	--
Potassium	NE		µg/L	4,600 J	--	5,400	3,900 J	4,800 J	4,800 J	5,100	--	--
Selenium	50.0	a	µg/L	1.4	--	1.2	2.9	0.98 J	0.83 J	0.69 J	--	--
Silver	100	b	µg/L	ND (0.5)	--	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	--	--
Sodium	NE		µg/L	30,000	--	34,000	61,000	32,000	33,000	34,000	--	--
Sulfate	250	b	mg/L	75	--	150	130	86	69	66	--	--
Tetrachloroethene	5.00	a	µg/L	0.58	3.8	**13**	1.6	0.28 J	2.1	1.8	0.84	1.3
Thallium	2.00	a	µg/L	ND (2)	--	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	--	--
Toluene	150	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.5 J	ND (0.5)
Total Dissolved Solids	NE		mg/L	480	--	650	570	540	520	480	--	--
Total Organic Carbon	NE		mg/L	ND (1) J	--	1.2	1.5	ND (1) J	2.1	1.2	--	--
trans-1,2-Dichloroethene	10.0	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	5.00	a	µg/L	0.4 J	**60**	**30**	1	**16**	3	0.31 J	**16**	1.5
Trichlorofluoromethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.47 J	0.18 J
Vanadium	50.0	d	µg/L	ND (4)	--	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	--	--
Vinyl chloride	0.50	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Zinc	5000	b	µg/L	ND (5)	--	ND (5)	4.3 J	ND (5)	3.4 J	3.6 J	--	--

TABLE E-1
Summary of Detected Compounds First Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			PO-C03-182	PO-VPB-01	PO-VPB-02	PO-VPB-07	PO-VPB-10	VD-VPB-01	VD-VPB-02	VD-VPB-03	VD-VPB-05
	Sample Date:			3/21/2006	3/20/2006	3/28/2006	3/24/2006	3/21/2006	3/21/2006	3/22/2006	3/22/2006	3/22/2006
Analyte	**Threshold**		**Units**									
1,1,1-Trichloroethane	200	a	µg/L	ND (0.5)	ND (0.5)	ND (13)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloro-1,2,2-trifluoroethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (13)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	5.00	a	µg/L	ND (0.5)	ND (0.5)	ND (13)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	5.00	a	µg/L	ND (0.5)	ND (0.5)	ND (13)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	6.00	a	µg/L	ND (0.5)	ND (0.5)	**15**	ND (0.5)	ND (0.5)	0.11 J	ND (0.5)	ND (0.5)	ND (0.5)
1,2,3-Trichloropropane	0.50	d	µg/L	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	0.50	a	µg/L	ND (0.5)	ND (0.5)	ND (13)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,4-Dioxane	300	d	µg/L	--	--	--	--	--	--	--	--	--
Acetone	6300	f	µg/L	ND (5)	ND (5)	ND (130)	ND (5)	5 J	ND (5)	5 J	ND (5)	ND (5)
Alkalinity	NE		mg/L	--	--	--	--	--	--	--	--	--
Alkalinity bicarbonate	NE		mg/L	--	--	--	--	--	--	--	--	--
Antimony	6.00	a	µg/L	--	--	--	--	--	--	--	--	--
Arsenic	10.0	e	µg/L	--	--	--	--	--	--	--	--	--
Barium	1000	a	µg/L	--	--	--	--	--	--	--	--	--
Benzene	1.00	a	µg/L	ND (0.5)	ND (0.5)	ND (13)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Beryllium	4.00	a	µg/L	--	--	--	--	--	--	--	--	--
Boron	1000	d	µg/L	--	--	--	--	--	--	--	--	--
Bromide	NE		mg/L	--	--	--	--	--	--	--	--	--
Bromodichloromethane	80.0	e	µg/L	ND (0.5)	ND (0.5)	ND (13)	ND (0.5)	ND (0.5)	0.46 J	ND (0.5)	ND (0.5)	0.51
Cadmium	5.00	a	µg/L	--	--	--	--	--	--	--	--	--
Calcium	NE		µg/L	--	--	--	--	--	--	--	--	--
Carbon disulfide	NE		µg/L	ND (0.5)	ND (0.5)	ND (13)	ND (0.5)	0.11 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon tetrachloride	0.50	a	µg/L	ND (0.5)	0.23 J	ND (13)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chloride	NE		mg/L	--	--	--	--	--	--	--	--	--
Chloroform	80.0	e	µg/L	0.36 J	0.37 J	2.9 J	0.88	ND (0.5)	1.4	0.37 J	0.48 J	1
Chromium	50.0	a	µg/L	--	--	--	--	--	--	--	--	--
Chromium VI	50.0	*	µg/L	ND (0.2)	3.6 J	**260 J**	0.47 J	6.1	0.18 J	0.11 J	0.24 J	ND (0.2)
cis-1,2-Dichloroethene	6.00	a	µg/L	ND (0.5)	ND (0.5)	ND (13)	ND (0.5)	ND (0.5)	0.4 J	ND (0.5)	ND (0.5)	ND (0.5)
Cobalt	140	f	µg/L	--	--	--	--	--	--	--	--	--
Copper	1300	g	µg/L	--	--	--	--	--	--	--	--	--
Dichlorodifluoromethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (13)	ND (0.5)	ND (0.5)	6.1	ND (0.5)	ND (0.5)	ND (0.5)
Fluoride	2.00	a	mg/L	--	--	--	--	--	--	--	--	--

TABLE E-1
Summary of Detected Compounds First Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			PO-C03-182	PO-VPB-01	PO-VPB-02	PO-VPB-07	PO-VPB-10	VD-VPB-01	VD-VPB-02	VD-VPB-03	VD-VPB-05
	Sample Date:			3/21/2006	3/20/2006	3/28/2006	3/24/2006	3/21/2006	3/21/2006	3/22/2006	3/22/2006	3/22/2006
Analyte	**Threshold**		**Units**									
Hardness	NE		mg/L	--	--	--	--	--	--	--	--	--
Lead	15.0	g	µg/L	--	--	--	--	--	--	--	--	--
Magnesium	NE		µg/L	--	--	--	--	--	--	--	--	--
Manganese	50.0	a	µg/L	--	--	--	--	--	--	--	--	--
Methyl tert-butyl ether	13.0	a	µg/L	0.23 J	ND (0.5)	ND (13)	ND (0.5)	ND (0.5)	**25**	0.3 J	ND (0.5)	0.93
Methylene chloride	5.00	a	µg/L	ND (0.5)	ND (0.5)	3.2 J	ND (0.5)	ND (0.5)	0.13 J	ND (0.5)	ND (0.5)	ND (0.5)
Molybdenum	35.0	f	µg/L	--	--	--	--	--	--	--	--	--
Nitrate	45.0	a	mg/L	31.595	40.05	**53.4**	44.5 J	**80.1**	**53.4 J**	44.5 J	25.81	**53.4 J**
N-Nitrosodimethylamine	0.20	d	µg/L	--	--	--	--	--	--	--	--	--
Perchlorate	6.00	a	µg/L	--	--	--	--	--	--	--	--	--
Potassium	NE		µg/L	--	--	--	--	--	--	--	--	--
Selenium	50.0	a	µg/L	--	--	--	--	--	--	--	--	--
Silver	100	b	µg/L	--	--	--	--	--	--	--	--	--
Sodium	NE		µg/L	--	--	--	--	--	--	--	--	--
Sulfate	250	b	mg/L	--	--	--	--	--	--	--	--	--
Tetrachloroethene	5.00	a	µg/L	1.1	0.71	**140**	0.72	ND (0.5)	2.7	1.7	0.23 J	0.51
Thallium	2.00	a	µg/L	--	--	--	--	--	--	--	--	--
Toluene	150	a	µg/L	ND (0.5)	ND (0.5)	ND (13)	ND (0.5)	0.5 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Total Dissolved Solids	NE		mg/L	--	--	--	--	--	--	--	--	--
Total Organic Carbon	NE		mg/L	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	10.0	a	µg/L	ND (0.5)	ND (0.5)	ND (13)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	5.00	a	µg/L	2.6	1.6	**230**	**22**	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.19 J
Trichlorofluoromethane	NE		µg/L	ND (0.5)	0.2 J	ND (13)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Vanadium	50.0	d	µg/L	--	--	--	--	--	--	--	--	--
Vinyl chloride	0.50	a	µg/L	ND (0.5)	ND (0.5)	ND (13)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Zinc	5000	b	µg/L	--	--	--	--	--	--	--	--	--

TABLE E-1
Summary of Detected Compounds First Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			VD-VPB-06	VD-VPB-07
	Sample Date:			3/22/2006	3/22/2006
Analyte	**Threshold**		**Units**		
1,1,1-Trichloroethane	200	a	µg/L	ND (0.5)	ND (0.5)
1,1,2-Trichloro-1,2,2-trifluoroethane	NE		µg/L	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	5.00	a	µg/L	ND (0.5)	ND (0.5)
1,1-Dichloroethane	5.00	a	µg/L	ND (0.5)	ND (0.5)
1,1-Dichloroethene	6.00	a	µg/L	ND (0.5)	ND (0.5)
1,2,3-Trichloropropane	0.50	d	µg/L	--	--
1,2-Dichloroethane	0.50	a	µg/L	ND (0.5)	ND (0.5)
1,4-Dioxane	300	d	µg/L	--	--
Acetone	6300	f	µg/L	ND (5)	ND (5)
Alkalinity	NE		mg/L	--	--
Alkalinity bicarbonate	NE		mg/L	--	--
Antimony	6.00	a	µg/L	--	--
Arsenic	10.0	e	µg/L	--	--
Barium	1000	a	µg/L	--	--
Benzene	1.00	a	µg/L	ND (0.5)	ND (0.5)
Beryllium	4.00	a	µg/L	--	--
Boron	1000	d	µg/L	--	--
Bromide	NE		mg/L	--	--
Bromodichloromethane	80.0	e	µg/L	ND (0.5)	ND (0.5)
Cadmium	5.00	a	µg/L	--	--
Calcium	NE		µg/L	--	--
Carbon disulfide	NE		µg/L	ND (0.5)	ND (0.5)
Carbon tetrachloride	0.50	a	µg/L	ND (0.5)	ND (0.5)
Chloride	NE		mg/L	--	--
Chloroform	80.0	e	µg/L	1.2	0.29 J
Chromium	50.0	a	µg/L	--	--
Chromium VI	50.0	*	µg/L	ND (0.2)	ND (0.2)
cis-1,2-Dichloroethene	6.00	a	µg/L	ND (0.5)	ND (0.5)
Cobalt	140	f	µg/L	--	--
Copper	1300	g	µg/L	--	--
Dichlorodifluoromethane	NE		µg/L	ND (0.5)	ND (0.5)
Fluoride	2.00	a	mg/L	--	--

TABLE E-1
Summary of Detected Compounds First Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			VD-VPB-06	VD-VPB-07
	Sample Date:			3/22/2006	3/22/2006
Analyte	**Threshold**		**Units**		
Hardness	NE		mg/L	--	--
Lead	15.0	g	µg/L	--	--
Magnesium	NE		µg/L	--	--
Manganese	50.0	a	µg/L	--	--
Methyl tert-butyl ether	13.0	a	µg/L	0.13 J	ND (0.5)
Methylene chloride	5.00	a	µg/L	ND (0.5)	ND (0.5)
Molybdenum	35.0	f	µg/L	--	--
Nitrate	45.0	a	mg/L	**66.75 J**	20.47 J
N-Nitrosodimethylamine	0.20	d	µg/L	--	--
Perchlorate	6.00	a	µg/L	--	--
Potassium	NE		µg/L	--	--
Selenium	50.0	a	µg/L	--	--
Silver	100	b	µg/L	--	--
Sodium	NE		µg/L	--	--
Sulfate	250	b	mg/L	--	--
Tetrachloroethene	5.00	a	µg/L	0.44 J	ND (0.5)
Thallium	2.00	a	µg/L	--	--
Toluene	150	a	µg/L	ND (0.5)	ND (0.5)
Total Dissolved Solids	NE		mg/L	--	--
Total Organic Carbon	NE		mg/L	--	--
trans-1,2-Dichloroethene	10.0	a	µg/L	ND (0.5)	ND (0.5)
Trichloroethene	5.00	a	µg/L	ND (0.5)	ND (0.5)
Trichlorofluoromethane	NE		µg/L	ND (0.5)	ND (0.5)
Vanadium	50.0	d	µg/L	--	--
Vinyl chloride	0.50	a	µg/L	ND (0.5)	ND (0.5)
Zinc	5000	b	µg/L	--	--

TABLE E-1

Summary of Detected Compounds First Quarter 2006

San Fernando Valley Basin - Groundwater Monitoring Program

Notes:

a: Cal DHS Primary MCL: California EPA Department of Health Services Primary Maximum Concentration Level.
c: Cal DHS Secondary MCL: California EPA Department of Health Services Secondary Maximum Concentration Level.
d: OEHHA PHG: California Office of Environmental Health Hazard Assessment Public Health Goal.
b: Cal DHS AL: California Department of Health Services Action Level based on toxicity to humans.
e: EPA Federal MCL
f: Noncarcinogenic Effects
g: Regulatory Action level
h: Carcinogenic Effects
* Chromium VI: MCL to be established - currently regulated under the total chromium MCL
Final health-based screening level for drinking water: Cal EPA Primary MCL or, in order of preference and availability, CalEPA Public Health Goal, Cal DHS Action Level and risk-based goal.
NE: Not established
ND (250): Not detected (reporting limit)
µg/L: Micrograms per liter
mg/L: Milligrams per liter
Results greater than the threshold are bolded.
J = Approximate concentration
E = Concentration exceeds upper level of instrument calibration range

TABLE E-2
Summary of Detected Compounds Second Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			CS-C01-105	CS-C01-285	CS-C02-062	CS-C02-180	CS-C02-250	CS-C02-335	CS-C03-100	CS-C03-465	CS-C04-290
	Sample Date:			7/10/2006	7/10/2006	7/11/2006	7/11/2006	7/11/2006	7/11/2006	7/10/2006	6/27/2006	7/6/2006
Analyte	**Threshold**		**Units**									
1,1,1-Trichloroethane	200	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloro-1,2,2-trifluoroethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	5.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	5.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	**9.6 J**	ND (0.5)	ND (0.5)
1,1-Dichloroethene	6.00	a	µg/L	ND (0.5)	1.2	ND (0.5)	ND (0.5)	ND (0.5)	1 J	**95**	ND (0.5)	1.2
1,2,3-Trichloropropane	0.50	d	µg/L	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	0.50	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,4-Dioxane	300	d	µg/L	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)
2,2-dichloro-1,1,1-trifluoroethane	NE		µg/L	--	--	--	--	--	--	--	--	--
Acetone	6300	f	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Alkalinity	NE		mg/L	--	--	--	--	--	--	--	--	--
Alkalinity bicarbonate	NE		mg/L	--	--	--	--	--	--	--	--	--
Aluminum	1000	a	µg/L	--	--	--	--	--	--	--	--	--
Arsenic	10.0	e	µg/L	--	--	--	--	--	--	--	--	--
Barium	1000	a	µg/L	--	--	--	--	--	--	--	--	--
Benzene	1.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromide	NE		mg/L	--	--	--	--	--	--	--	--	--
Bromodichloromethane	80.0	e	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Calcium	NE		µg/L	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	0.50	a	µg/L	0.13 J	**1.3**	0.31 J	0.23 J	**1.1**	**0.98 J**	**6.2 J**	0.1 J	0.12 J
Chloride	NE		mg/L	--	--	--	--	--	--	--	--	--
Chloroform	80.0	e	µg/L	ND (0.5)	0.55 J	ND (0.5)	0.19 J	0.59 J	0.9 J	6.5 J	ND (0.5)	0.13 J
Chloromethane	1.35	h	µg/L	ND (0.5)	ND (0.5)	0.38 J	ND (0.5)	0.4 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chromium	50.0	a	µg/L	--	--	--	--	--	--	--	--	--
Chromium VI	50.0	*	µg/L	1.6 J	5.3 J	1.9 J	0.87 J	4.7	5.8 J	**59 J**	2.4	4.7 J
cis-1,2-Dichloroethene	6.00	a	µg/L	ND (0.5)	0.71 J	ND (0.5)	ND (0.5)	0.39 J	0.62 J	**8.7 J**	ND (0.5)	ND (0.5)
Cobalt	140	f	µg/L	--	--	--	--	--	--	--	--	--
Copper	1300	g	µg/L	--	--	--	--	--	--	--	--	--
Dibromochloromethane	80.0	e	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Dichlorodifluoromethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Ethylbenzene	300	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Fluoride	2.00	a	mg/L	--	--	--	--	--	--	--	--	--

TABLE E-2
Summary of Detected Compounds Second Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			CS-C01-105	CS-C01-285	CS-C02-062	CS-C02-180	CS-C02-250	CS-C02-335	CS-C03-100	CS-C03-465	CS-C04-290
	Sample Date:			7/10/2006	7/10/2006	7/11/2006	7/11/2006	7/11/2006	7/11/2006	7/10/2006	6/27/2006	7/6/2006
Analyte	**Threshold**		**Units**									
Iron	300	e	µg/L	--	--	--	--	--	--	--	--	--
Isopropylbenzene	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Lead	15.0	g	µg/L	--	--	--	--	--	--	--	--	--
m,p-Xylene	1750	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Magnesium	NE		µg/L	--	--	--	--	--	--	--	--	--
Manganese	50.0	a	µg/L	--	--	--	--	--	--	--	--	--
Mercury	2.00	a	µg/L	--	--	--	--	--	--	--	--	--
Methyl tert-butyl ether	13.0	a	µg/L	ND (0.5)	ND (0.5)	0.49 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Methylene chloride	5.00	a	µg/L	ND (0.5)	0.42 J	0.1 J	ND (0.5)	0.32 J	0.83 J	**5.8 J**	0.1 J	0.11 J
Nickel	100	a	µg/L	--	--	--	--	--	--	--	--	--
Nitrate	45.0	a	mg/L	**97.9**	24.03	**53.4**	14.24	21.805	34.265	**48.95**	4.895	11.125
Nitrite (as Nitrogen)	1.00	a	mg/L	ND (0.5)	ND (0.1)	ND (0.5)	ND (0.2)	0.05 J	ND (0.1)	ND (0.2)	ND (0.1)	ND (0.1)
o-Xylene	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Perchlorate	6.00	a	µg/L	--	--	--	--	--	--	--	--	--
Potassium	NE		µg/L	--	--	--	--	--	--	--	--	--
Selenium	50.0	a	µg/L	--	--	--	--	--	--	--	--	--
Silver	100	b	µg/L	--	--	--	--	--	--	--	--	--
Sodium	NE		µg/L	--	--	--	--	--	--	--	--	--
Sulfate	250	b	mg/L	--	--	--	--	--	--	--	--	--
Tetrachloroethene	5.00	a	µg/L	**5.3**	**120**	**13**	4.5	**67**	**180**	**92**	2.3	**9**
Total Dissolved Solids	NE		mg/L	--	--	--	--	--	--	--	--	--
Total Organic Carbon	NE		mg/L	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	10.0	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	5.00	a	µg/L	**7.7**	**180**	**19**	**11**	**130**	**260**	**1,300**	**11**	**16**
Trichlorofluoromethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Vanadium	50.0	d	µg/L	--	--	--	--	--	--	--	--	--
Vinyl chloride	0.50	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Zinc	5000	b	µg/L	--	--	--	--	--	--	--	--	--

TABLE E-2
Summary of Detected Compounds Second Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			CS-C04-382	CS-C05-160	CS-C05-290	CS-C06-185	CS-VPB-01	CS-VPB-03	CS-VPB-04	CS-VPB-05	CS-VPB-06
	Sample Date:			7/6/2006	7/5/2006	7/5/2006	7/6/2006	7/11/2006	6/27/2006	7/19/2006	7/10/2006	7/11/2006
Analyte	**Threshold**		**Units**									
1,1,1-Trichloroethane	200	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.6 J	ND (0.5)	ND (0.5)
1,1,2-Trichloro-1,2,2-trifluoroethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	4.7 J	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	5.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	2.2 J	ND (0.5)	ND (0.5)
1,1-Dichloroethane	5.00	a	µg/L	ND (0.5)	0.99 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	**20 J**	**19**	1 J
1,1-Dichloroethene	6.00	a	µg/L	0.24 J	**12**	0.18 J	0.27 J	ND (0.5)	**6.5**	**270 J**	**160**	**16**
1,2,3-Trichloropropane	0.50	d	µg/L	--	--	--	--	--	--	ND (0.5)	--	--
1,2-Dichloroethane	0.50	a	µg/L	ND (0.5)	**0.86 J**	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	**1.6 J**	ND (0.5)	ND (0.5)
1,4-Dioxane	300	d	µg/L	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	--	ND (20)	ND (20)
2,2-dichloro-1,1,1-trifluoroethane	NE		µg/L	--	--	--	--	--	--	1.5 J	--	--
Acetone	6300	f	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (4)	ND (5)	ND (5)
Alkalinity	NE		mg/L	--	--	--	--	--	--	--	--	--
Alkalinity bicarbonate	NE		mg/L	--	--	--	--	--	--	--	--	--
Aluminum	1000	a	µg/L	--	--	--	--	--	--	--	--	--
Arsenic	10.0	e	µg/L	--	--	--	--	--	--	--	--	--
Barium	1000	a	µg/L	--	--	--	--	--	--	--	--	--
Benzene	1.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.3 J	ND (0.5)	ND (0.5)
Bromide	NE		mg/L	--	--	--	--	--	--	--	--	--
Bromodichloromethane	80.0	e	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.13 J	ND (0.5)	0.3 J	ND (0.5)	ND (0.5)
Calcium	NE		µg/L	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	0.50	a	µg/L	0.14 J	**2.6**	ND (0.5)	0.11 J	0.48 J	0.18 J	**6.2 J**	**7.2 J**	**3.4**
Chloride	NE		mg/L	--	--	--	--	--	--	--	--	--
Chloroform	80.0	e	µg/L	0.15 J	4	0.1 J	0.11 J	0.67	0.14 J	11 J	12	2.5
Chloromethane	1.35	h	µg/L	0.11 J	ND (0.5)	ND (0.5)	0.22 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chromium	50.0	a	µg/L	--	--	--	--	--	--	--	--	--
Chromium VI	50.0	*	µg/L	2.3 J	**65**	1.3	1.5 J	2.4 J	**56 J**	**120 J**	**260 J**	9.9 J
cis-1,2-Dichloroethene	6.00	a	µg/L	ND (0.5)	2.8	ND (0.5)	0.19 J	0.28 J	ND (0.5)	**27 J**	**32**	1.3 J
Cobalt	140	f	µg/L	--	--	--	--	--	--	--	--	--
Copper	1300	g	µg/L	--	--	--	--	--	--	--	--	--
Dibromochloromethane	80.0	e	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Dichlorodifluoromethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Ethylbenzene	300	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Fluoride	2.00	a	mg/L	--	--	--	--	--	--	--	--	--

TABLE E-2
Summary of Detected Compounds Second Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			CS-C04-382	CS-C05-160	CS-C05-290	CS-C06-185	CS-VPB-01	CS-VPB-03	CS-VPB-04	CS-VPB-05	CS-VPB-06
	Sample Date:			7/6/2006	7/5/2006	7/5/2006	7/6/2006	7/11/2006	6/27/2006	7/19/2006	7/10/2006	7/11/2006
Analyte	**Threshold**		**Units**									
Iron	300	e	µg/L	--	--	--	--	--	--	--	--	--
Isopropylbenzene	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Lead	15.0	g	µg/L	--	--	--	--	--	--	--	--	--
m,p-Xylene	1750	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (0.5)
Magnesium	NE		µg/L	--	--	--	--	--	--	--	--	--
Manganese	50.0	a	µg/L	--	--	--	--	--	--	--	--	--
Mercury	2.00	a	µg/L	--	--	--	--	--	--	--	--	--
Methyl tert-butyl ether	13.0	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.98	ND (0.5)	ND (2)	ND (0.5)	ND (0.5)
Methylene chloride	5.00	a	µg/L	0.11 J	0.7 J	0.11 J	0.1 J	0.11 J	0.11 J	ND (0.5)	4.9 J	0.92 J
Nickel	100	a	µg/L	--	--	--	--	--	--	--	--	--
Nitrate	45.0	a	mg/L	8.9	32.04	8.01	8.9	42.275	15.575	**53.4 J**	**57.85**	40.94
Nitrite (as Nitrogen)	1.00	a	mg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.2)	ND (0.2)	ND (0.1)	ND (0.5)	ND (0.2)	ND (0.2)
o-Xylene	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Perchlorate	6.00	a	µg/L	--	--	--	--	--	--	--	--	--
Potassium	NE		µg/L	--	--	--	--	--	--	--	--	--
Selenium	50.0	a	µg/L	--	--	--	--	--	--	--	--	--
Silver	100	b	µg/L	--	--	--	--	--	--	--	--	--
Sodium	NE		µg/L	--	--	--	--	--	--	--	--	--
Sulfate	250	b	mg/L	--	--	--	--	--	--	--	--	--
Tetrachloroethene	5.00	a	µg/L	**19**	**9.6**	**13**	1.7	**76**	ND (0.5)	**130 J**	**58**	4.7
Total Dissolved Solids	NE		mg/L	--	--	--	--	--	--	--	--	--
Total Organic Carbon	NE		mg/L	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	10.0	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.7 J	ND (0.5)	ND (0.5)
Trichloroethene	5.00	a	µg/L	**20**	**250**	**14**	**6.7**	**78**	**6.2**	**3,300 J**	**2,100**	**260**
Trichlorofluoromethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Vanadium	50.0	d	µg/L	--	--	--	--	--	--	--	--	--
Vinyl chloride	0.50	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.3 J	ND (0.5)	ND (0.5)
Zinc	5000	b	µg/L	--	--	--	--	--	--	--	--	--

TABLE E-2
Summary of Detected Compounds Second Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			CS-VPB-07	CS-VPB-08	CS-VPB-09	CS-VPB-10	CS-VPB-11	NH-C01-325	NH-C02-325	NH-C02-520	NH-C03-380
	Sample Date:			7/11/2006	7/10/2006	6/27/2006	7/5/2006	7/6/2006	7/7/2006	7/7/2006	7/7/2006	6/21/2006
Analyte	**Threshold**		**Units**									
1,1,1-Trichloroethane	200	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloro-1,2,2-trifluoroethane	NE		µg/L	ND (0.5)	ND (0.5)	9.8	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	5.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	5.00	a	µg/L	**26**	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.99	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	6.00	a	µg/L	**310**	ND (0.5)	ND (0.5)	0.16 J	0.43 J	ND (0.5)	ND (0.5)	0.65	ND (0.5)
1,2,3-Trichloropropane	0.50	d	µg/L	--	--	--	--	--	ND (0.005)	0.012	--	--
1,2-Dichloroethane	0.50	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,4-Dioxane	300	d	µg/L	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)
2,2-dichloro-1,1,1-trifluoroethane	NE		µg/L	--	--	--	--	--	--	--	--	--
Acetone	6300	f	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Alkalinity	NE		mg/L	--	--	--	--	--	320	240	--	--
Alkalinity bicarbonate	NE		mg/L	--	--	--	--	--	320	240	--	--
Aluminum	1000	a	µg/L	--	--	--	--	--	287	291	367	ND (200)
Arsenic	10.0	e	µg/L	--	--	--	--	--	7.6	9.1	0.79 J	ND (1)
Barium	1000	a	µg/L	--	--	--	--	--	143	92.1	85.7	76.9
Benzene	1.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromide	NE		mg/L	--	--	--	--	--	--	--	--	--
Bromodichloromethane	80.0	e	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	0.19 J	0.11 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Calcium	NE		µg/L	--	--	--	--	--	121,000	83,400	78,300	67,100
Carbon tetrachloride	0.50	a	µg/L	**23**	ND (0.5)	ND (0.5)	0.34 J	0.13 J	ND (0.5)	ND (0.5)	**0.97**	ND (0.5)
Chloride	NE		mg/L	--	--	--	--	--	--	--	--	--
Chloroform	80.0	e	µg/L	15 J	0.73 J	0.27 J	2	0.92	0.83	ND (0.5)	ND (0.5)	ND (0.5)
Chloromethane	1.35	h	µg/L	ND (0.5)	0.69 J	ND (0.5)	0.23 J	0.25 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chromium	50.0	a	µg/L	--	--	--	--	--	2.1	2.5	2.9	2.2
Chromium VI	50.0	*	µg/L	ND (0.2)	2.7 J	5.9 J	1.9	2 J	0.55 J	1.2	1.1 J	ND (0.2)
cis-1,2-Dichloroethene	6.00	a	µg/L	**27**	0.45 J	ND (0.5)	0.11 J	ND (0.5)	0.94	0.5	ND (0.5)	ND (0.5)
Cobalt	140	f	µg/L	--	--	--	--	--	0.3 J	0.17 J	0.15 J	0.13 J
Copper	1300	g	µg/L	--	--	--	--	--	3.1	0.83 J	0.97 J	ND (2)
Dibromochloromethane	80.0	e	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Dichlorodifluoromethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	7.2	1	ND (0.5)	0.75
Ethylbenzene	300	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Fluoride	2.00	a	mg/L	--	--	--	--	--	--	--	--	--

TABLE E-2
Summary of Detected Compounds Second Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			CS-VPB-07	CS-VPB-08	CS-VPB-09	CS-VPB-10	CS-VPB-11	NH-C01-325	NH-C02-325	NH-C02-520	NH-C03-380
	Sample Date:			7/11/2006	7/10/2006	6/27/2006	7/5/2006	7/6/2006	7/7/2006	7/7/2006	7/7/2006	6/21/2006
Analyte	**Threshold**		**Units**									
Iron	300	e	µg/L	--	--	--	--	--	35.6 J	ND (100)	41.1 J	61.2 J
Isopropylbenzene	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Lead	15.0	g	µg/L	--	--	--	--	--	0.28 J	0.23 J	0.1 J	0.09 J
m,p-Xylene	1750	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Magnesium	NE		µg/L	--	--	--	--	--	29,300	21,900	18,000	16,400
Manganese	50.0	a	µg/L	--	--	--	--	--	1.2	1.7	8.7	4.8
Mercury	2.00	a	µg/L	--	--	--	--	--	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Methyl tert-butyl ether	13.0	a	µg/L	ND (0.5)	0.53 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Methylene chloride	5.00	a	µg/L	**10 J**	0.3 J	ND (0.5)	0.1 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Nickel	100	a	µg/L	--	--	--	--	--	3.6	2	1.9	1.1
Nitrate	45.0	a	mg/L	35.155	44.5	**53.4**	**62.3**	**48.95**	**71.2**	21.805	13.795	7.565
Nitrite (as Nitrogen)	1.00	a	mg/L	ND (0.2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.2)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
o-Xylene	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Perchlorate	6.00	a	µg/L	--	--	--	--	--	1 J	ND (2)	--	--
Potassium	NE		µg/L	--	--	--	--	--	6,810	4,070 J	4,480 J	3,570 J
Selenium	50.0	a	µg/L	--	--	--	--	--	ND (5)	ND (5)	ND (5)	ND (5)
Silver	100	b	µg/L	--	--	--	--	--	ND (1)	ND (1)	ND (1)	ND (1)
Sodium	NE		µg/L	--	--	--	--	--	39,100	29,900	29,200	18,800
Sulfate	250	b	mg/L	--	--	--	--	--	--	--	--	--
Tetrachloroethene	5.00	a	µg/L	**30**	**210**	**7.9**	**24**	**5.7**	**19**	2.7	0.52	1.2
Total Dissolved Solids	NE		mg/L	--	--	--	--	--	570	410	--	--
Total Organic Carbon	NE		mg/L	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	10.0	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	5.00	a	µg/L	**4,000**	**100**	ND (0.5)	**12**	0.27 J	1.6	**14**	**16**	0.55
Trichlorofluoromethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	2.1	0.53	ND (0.5)	ND (0.5)	ND (0.5)
Vanadium	50.0	d	µg/L	--	--	--	--	--	ND (1)	5.2	2.5	2.8
Vinyl chloride	0.50	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Zinc	5000	b	µg/L	--	--	--	--	--	4.6	0.91 J	0.97 J	1.5 J

TABLE E-2
Summary of Detected Compounds Second Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			NH-C03-580	NH-C05-460	NH-C06-285	NH-VPB-01	NH-VPB-04	NH-VPB-05	NH-VPB-06	NH-VPB-07	NH-VPB-08
	Sample Date:			6/21/2006	7/7/2006	6/23/2006	6/22/2006	6/23/2006	6/21/2006	6/21/2006	6/23/2006	6/23/2006
Analyte	**Threshold**		**Units**									
1,1,1-Trichloroethane	200	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloro-1,2,2-trifluoroethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	1.1	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	5.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	5.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	6.00	a	µg/L	ND (0.5)	0.61	ND (0.5)	ND (0.5)	ND (0.5)	1.1	ND (0.5)	ND (0.5)	ND (0.5)
1,2,3-Trichloropropane	0.50	d	µg/L	--	--	--	--	ND (0.005)	--	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane	0.50	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,4-Dioxane	300	d	µg/L	ND (20)	ND (20)	ND (20)	ND (20)	0.6 J	ND (20)	ND (20)	ND (20)	ND (20)
2,2-dichloro-1,1,1-trifluoroethane	NE		µg/L	--	--	--	--	--	--	--	--	--
Acetone	6300	f	µg/L	ND (5)	ND (5)	ND (5)	1.1 J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Alkalinity	NE		mg/L	--	--	--	--	220	--	270	250	250
Alkalinity bicarbonate	NE		mg/L	--	--	--	--	220	--	270	250	250
Aluminum	1000	a	µg/L	220	356	ND (200)	ND (200)	208	ND (200)	ND (200)	ND (200)	ND (200)
Arsenic	10.0	e	µg/L	ND (1)	6.2	0.34 J	0.2 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Barium	1000	a	µg/L	74.9	89.8	62	129	130	123	183	119	125
Benzene	1.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromide	NE		mg/L	--	--	0.22	--	0.27	--	0.23	0.18	0.09 J
Bromodichloromethane	80.0	e	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Calcium	NE		µg/L	75,700	72,700	102,000	144,000	95,900	117,000	115,000	103,000	88,000
Carbon tetrachloride	0.50	a	µg/L	ND (0.5)	ND (0.5)	**0.75**	**1**	ND (0.5)	**3.4**	ND (0.5)	ND (0.5)	ND (0.5)
Chloride	NE		mg/L	--	--	35	--	48	--	45	49	21
Chloroform	80.0	e	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	0.64	0.47 J	ND (0.5)	0.76	ND (0.5)	ND (0.5)
Chloromethane	1.35	h	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chromium	50.0	a	µg/L	2.7	1.6 J	5	4.6	3.4	4.1	2.4	2.3	4.7
Chromium VI	50.0	*	µg/L	0.95 J	0.18 J	2.1 J	1.5	2.2 J	3.1	1.2 J	1 J	2.5 J
cis-1,2-Dichloroethene	6.00	a	µg/L	ND (0.5)	0.41 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	2	ND (0.5)	0.76
Cobalt	140	f	µg/L	0.15 J	0.18 J	0.15 J	0.23 J	0.18 J	0.2 J	0.21 J	0.17 J	0.21 J
Copper	1300	g	µg/L	1.1 J	1.5 J	1.5 J	2.1	1.5 J	1.2 J	1.2 J	1.2 J	1.4 J
Dibromochloromethane	80.0	e	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Dichlorodifluoromethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	0.93	ND (0.5)	ND (0.5)	0.9	2.7	1.2
Ethylbenzene	300	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Fluoride	2.00	a	mg/L	--	--	0.3	--	0.29	--	0.25	0.28	0.31

TABLE E-2
Summary of Detected Compounds Second Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			NH-C03-580	NH-C05-460	NH-C06-285	NH-VPB-01	NH-VPB-04	NH-VPB-05	NH-VPB-06	NH-VPB-07	NH-VPB-08
	Sample Date:			6/21/2006	7/7/2006	6/23/2006	6/22/2006	6/23/2006	6/21/2006	6/21/2006	6/23/2006	6/23/2006
Analyte	**Threshold**		**Units**									
Iron	300	e	µg/L	31.2 J	ND (100)	168	92.5 J	31.6 J	34.2 J	39.5 J	17.7 J	80.7 J
Isopropylbenzene	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Lead	15.0	g	µg/L	0.13 J	0.29 J	0.38 J	ND (1)	0.37 J	0.25 J	0.19 J	0.29 J	0.28 J
m,p-Xylene	1750	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Magnesium	NE		µg/L	15,600	17,000	21,200	36,100	19,100	29,900	25,200	24,400	21,600
Manganese	50.0	a	µg/L	6.9	1.3	4.9	4.7	0.42 J	0.09 J	7.3	0.12 J	1.2
Mercury	2.00	a	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	0.07 J
Methyl tert-butyl ether	13.0	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Methylene chloride	5.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Nickel	100	a	µg/L	1	2.6	0.99 J	1.9	3.1	4.6	4.1	4.2	15.8
Nitrate	45.0	a	mg/L	8.455	30.705	44.055	**48.95**	44.5	**75.65**	**71.2**	**57.85**	20.025
Nitrite (as Nitrogen)	1.00	a	mg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.2)	ND (0.1)	ND (0.2)	ND (0.1)	ND (0.1)	ND (0.1)
o-Xylene	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Perchlorate	6.00	a	µg/L	--	--	--	--	ND (2)	--	1.8 J	1.2 J	1.8 J
Potassium	NE		µg/L	4,380 J	4,240 J	5,610	5,820	5,210	5,160	5,190	5,600	4,270 J
Selenium	50.0	a	µg/L	ND (5)	ND (5)	3.6 J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Silver	100	b	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	0.03 J	ND (1)
Sodium	NE		µg/L	18,400	31,300	48,600	26,800	29,500	25,400	26,500	26,500	21,100
Sulfate	250	b	mg/L	--	--	180	--	78	--	72	68	78
Tetrachloroethene	5.00	a	µg/L	0.55	1.6	3.8	**13**	ND (0.5)	ND (0.5)	2.3	1.8	3.4
Total Dissolved Solids	NE		mg/L	--	--	--	--	470	--	530	490	460
Total Organic Carbon	NE		mg/L	--	--	--	--	ND (2)	--	--	0.56 J	ND (2)
trans-1,2-Dichloroethene	10.0	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	5.00	a	µg/L	0.97	**98**	**53 E**	**27**	ND (0.5)	**18**	3.4	ND (0.5)	**10**
Trichlorofluoromethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Vanadium	50.0	d	µg/L	2	ND (1)	7.2	9.7	4.4	4.8	1.5	3.9	2
Vinyl chloride	0.50	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Zinc	5000	b	µg/L	1.1 J	1.9 J	ND (2)	2.8	1.1 J	1.1 J	1.3 J	1.8 J	0.98 J

TABLE E-2
Summary of Detected Compounds Second Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			PO-C01-195	PO-VPB-02	PO-VPB-03	PO-VPB-07	PO-VPB-08	PO-VPB-10	VD-VPB-01	VD-VPB-02	VD-VPB-03
	Sample Date:			7/6/2006	7/11/2006	6/27/2006	7/11/2006	7/11/2006	7/6/2006	7/5/2006	7/6/2006	7/5/2006
Analyte	**Threshold**		**Units**									
1,1,1-Trichloroethane	200	a	µg/L	ND (0.5)	0.37 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloro-1,2,2-trifluoroethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	5.00	a	µg/L	ND (0.5)	0.39 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	5.00	a	µg/L	ND (0.5)	0.36 J	ND (0.5)	ND (0.5)	0.23 J	ND (0.5)	0.12 J	ND (0.5)	ND (0.5)
1,1-Dichloroethene	6.00	a	µg/L	0.22 J	**8.6**	ND (0.5)	0.2 J	3.3	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2,3-Trichloropropane	0.50	d	µg/L	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	0.50	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,4-Dioxane	300	d	µg/L	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)
2,2-dichloro-1,1,1-trifluoroethane	NE		µg/L	--	--	--	--	--	--	--	--	--
Acetone	6300	f	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Alkalinity	NE		mg/L	--	--	--	--	--	--	--	--	--
Alkalinity bicarbonate	NE		mg/L	--	--	--	--	--	--	--	--	--
Aluminum	1000	a	µg/L	--	--	--	--	--	--	--	--	--
Arsenic	10.0	e	µg/L	--	--	--	--	--	--	--	--	--
Barium	1000	a	µg/L	--	--	--	--	--	--	--	--	--
Benzene	1.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromide	NE		mg/L	--	--	--	--	--	--	--	--	--
Bromodichloromethane	80.0	e	µg/L	ND (0.5)	0.22 J	0.16 J	ND (0.5)	ND (0.5)	ND (0.5)	0.66	0.12 J	ND (0.5)
Calcium	NE		µg/L	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	0.50	a	µg/L	0.41 J	0.41 J	0.21 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chloride	NE		mg/L	--	--	--	--	--	--	--	--	--
Chloroform	80.0	e	µg/L	0.28 J	1.6	0.72	1.1	ND (0.5)	ND (0.5)	1.4	0.39 J	0.3 J
Chloromethane	1.35	h	µg/L	0.16 J	ND (0.5)	0.31 J	ND (0.5)	ND (0.5)	0.15 J	0.16 J	ND (0.5)	0.21 J
Chromium	50.0	a	µg/L	--	--	--	--	--	--	--	--	--
Chromium VI	50.0	*	µg/L	0.66 J	**220 J**	2.4 J	0.4	ND (0.2)	5.3	0.12 J	ND (0.2)	0.31 J
cis-1,2-Dichloroethene	6.00	a	µg/L	ND (0.5)	0.4 J	0.23 J	0.31 J	0.68	ND (0.5)	0.12 J	ND (0.5)	ND (0.5)
Cobalt	140	f	µg/L	--	--	--	--	--	--	--	--	--
Copper	1300	g	µg/L	--	--	--	--	--	--	--	--	--
Dibromochloromethane	80.0	e	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.15 J	ND (0.5)	ND (0.5)
Dichlorodifluoromethane	NE		µg/L	ND (0.5)	ND (0.5)	0.74	ND (0.5)	ND (0.5)	ND (0.5)	4	ND (0.5)	ND (0.5)
Ethylbenzene	300	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Fluoride	2.00	a	mg/L	--	--	--	--	--	--	--	--	--

TABLE E-2
Summary of Detected Compounds Second Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			PO-C01-195	PO-VPB-02	PO-VPB-03	PO-VPB-07	PO-VPB-08	PO-VPB-10	VD-VPB-01	VD-VPB-02	VD-VPB-03
	Sample Date:			7/6/2006	7/11/2006	6/27/2006	7/11/2006	7/11/2006	7/6/2006	7/5/2006	7/6/2006	7/5/2006
Analyte	**Threshold**		**Units**									
Iron	300	e	µg/L	--	--	--	--	--	--	--	--	--
Isopropylbenzene	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Lead	15.0	g	µg/L	--	--	--	--	--	--	--	--	--
m,p-Xylene	1750	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Magnesium	NE		µg/L	--	--	--	--	--	--	--	--	--
Manganese	50.0	a	µg/L	--	--	--	--	--	--	--	--	--
Mercury	2.00	a	µg/L	--	--	--	--	--	--	--	--	--
Methyl tert-butyl ether	13.0	a	µg/L	ND (0.5)	0.54 J	0.2 J	0.24 J	0.65	ND (0.5)	**34**	0.38 J	0.18 J
Methylene chloride	5.00	a	µg/L	ND (0.5)	0.29 J	0.12 J	ND (0.5)	ND (0.5)	ND (0.5)	0.18 J	ND (0.5)	ND (0.5)
Nickel	100	a	µg/L	--	--	--	--	--	--	--	--	--
Nitrate	45.0	a	mg/L	24.92	**53.4**	**53.4**	**57.85**	12.905	**80.1**	**57.85**	**53.4**	26.7
Nitrite (as Nitrogen)	1.00	a	mg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.5)	0.09 J	ND (0.2)	ND (0.5)	ND (0.5)	ND (0.5)
o-Xylene	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Perchlorate	6.00	a	µg/L	--	--	--	--	--	--	--	--	--
Potassium	NE		µg/L	--	--	--	--	--	--	--	--	--
Selenium	50.0	a	µg/L	--	--	--	--	--	--	--	--	--
Silver	100	b	µg/L	--	--	--	--	--	--	--	--	--
Sodium	NE		µg/L	--	--	--	--	--	--	--	--	--
Sulfate	250	b	mg/L	--	--	--	--	--	--	--	--	--
Tetrachloroethene	5.00	a	µg/L	0.69	**90**	**5.9**	0.95	4.1	ND (0.5)	2.2	1.7	0.31 J
Total Dissolved Solids	NE		mg/L	--	--	--	--	--	--	--	--	--
Total Organic Carbon	NE		mg/L	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	10.0	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	5.00	a	µg/L	**13**	**180**	**10**	**65**	**6.4**	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichlorofluoromethane	NE		µg/L	0.34 J	ND (0.5)	0.17 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Vanadium	50.0	d	µg/L	--	--	--	--	--	--	--	--	--
Vinyl chloride	0.50	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	**0.53**	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Zinc	5000	b	µg/L	--	--	--	--	--	--	--	--	--

TABLE E-2
Summary of Detected Compounds Second Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			VD-VPB-05	VD-VPB-06
	Sample Date:			7/5/2006	7/5/2006
Analyte	**Threshold**		**Units**		
1,1,1-Trichloroethane	200	a	µg/L	ND (0.5)	ND (0.5)
1,1,2-Trichloro-1,2,2-trifluoroethane	NE		µg/L	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	5.00	a	µg/L	ND (0.5)	ND (0.5)
1,1-Dichloroethane	5.00	a	µg/L	ND (0.5)	ND (0.5)
1,1-Dichloroethene	6.00	a	µg/L	ND (0.5)	ND (0.5)
1,2,3-Trichloropropane	0.50	d	µg/L	--	--
1,2-Dichloroethane	0.50	a	µg/L	ND (0.5)	ND (0.5)
1,4-Dioxane	300	d	µg/L	ND (20)	ND (20)
2,2-dichloro-1,1,1-trifluoroethane	NE		µg/L	--	--
Acetone	6300	f	µg/L	ND (5)	ND (5)
Alkalinity	NE		mg/L	--	--
Alkalinity bicarbonate	NE		mg/L	--	--
Aluminum	1000	a	µg/L	--	--
Arsenic	10.0	e	µg/L	--	--
Barium	1000	a	µg/L	--	--
Benzene	1.00	a	µg/L	ND (0.5)	ND (0.5)
Bromide	NE		mg/L	--	--
Bromodichloromethane	80.0	e	µg/L	0.41 J	0.22 J
Calcium	NE		µg/L	--	--
Carbon tetrachloride	0.50	a	µg/L	ND (0.5)	ND (0.5)
Chloride	NE		mg/L	--	--
Chloroform	80.0	e	µg/L	0.98	1.1
Chloromethane	1.35	h	µg/L	ND (0.5)	0.34 J
Chromium	50.0	a	µg/L	--	--
Chromium VI	50.0	*	µg/L	ND (0.2)	ND (0.2)
cis-1,2-Dichloroethene	6.00	a	µg/L	ND (0.5)	ND (0.5)
Cobalt	140	f	µg/L	--	--
Copper	1300	g	µg/L	--	--
Dibromochloromethane	80.0	e	µg/L	ND (0.5)	ND (0.5)
Dichlorodifluoromethane	NE		µg/L	0.16 J	ND (0.5)
Ethylbenzene	300	a	µg/L	0.12 J	ND (0.5)
Fluoride	2.00	a	mg/L	--	--

TABLE E-2
Summary of Detected Compounds Second Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			VD-VPB-05	VD-VPB-06
	Sample Date:			7/5/2006	7/5/2006
Analyte	**Threshold**		**Units**		
Iron	300	e	µg/L	--	--
Isopropylbenzene	NE		µg/L	0.72	ND (0.5)
Lead	15.0	g	µg/L	--	--
m,p-Xylene	1750	a	µg/L	0.36 J	ND (0.5)
Magnesium	NE		µg/L	--	--
Manganese	50.0	a	µg/L	--	--
Mercury	2.00	a	µg/L	--	--
Methyl tert-butyl ether	13.0	a	µg/L	2.8	0.24 J
Methylene chloride	5.00	a	µg/L	0.12 J	0.12 J
Nickel	100	a	µg/L	--	--
Nitrate	45.0	a	mg/L	**53.4**	**71.2**
Nitrite (as Nitrogen)	1.00	a	mg/L	ND (0.5)	ND (0.2)
o-Xylene	NE		µg/L	0.47 J	ND (0.5)
Perchlorate	6.00	a	µg/L	--	--
Potassium	NE		µg/L	--	--
Selenium	50.0	a	µg/L	--	--
Silver	100	b	µg/L	--	--
Sodium	NE		µg/L	--	--
Sulfate	250	b	mg/L	--	--
Tetrachloroethene	5.00	a	µg/L	0.4 J	0.34 J
Total Dissolved Solids	NE		mg/L	--	--
Total Organic Carbon	NE		mg/L	--	--
trans-1,2-Dichloroethene	10.0	a	µg/L	ND (0.5)	ND (0.5)
Trichloroethene	5.00	a	µg/L	0.11 J	ND (0.5)
Trichlorofluoromethane	NE		µg/L	ND (0.5)	ND (0.5)
Vanadium	50.0	d	µg/L	--	--
Vinyl chloride	0.50	a	µg/L	ND (0.5)	ND (0.5)
Zinc	5000	b	µg/L	--	--

Notes:

a: Cal DHS Primary MCL: California EPA Department of Health Services Primary Maximum Concentration Level.
c: Cal DHS Secondary MCL: California EPA Department of Health Services Secondary Maximum Concentration Level.
d: OEHHA PHG: California Office of Environmental Health Hazard Assessment Public Health Goal.
b: Cal DHS AL: California Department of Health Services Action Level based on toxicity to humans.
e: EPA Federal MCL
f: Noncarcinogenic Effects
g: Regulatory Action level
h: Carcinogenic Effects
* Chromium VI: MCL to be established - currently regulated under the total chromium MCL
Final health-based screening level for drinking water: Cal EPA Primary MCL or, in order of preference and availability, CalEPA Public Health Goal, Cal DHS Action Level and risk-based goal.
NE: Not established
ND (250): Not detected (reporting limit)
µg/L: Micrograms per liter
mg/L: Milligrams per liter
Results greater than the threshold are bolded.
J = Approximate concentration
E = Concentration exceeds upper level of instrument calibration range

TABLE E-3
Summary of Detected Compounds Third Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			CS-C01-105	CS-C01-285	CS-C02-062	CS-C02-180	CS-C02-250	CS-C02-335	CS-C03-100	CS-C03-465	CS-C04-290
	Sample Date:			10/13/2006	10/13/2006	10/16/2006	10/16/2006	10/16/2006	10/16/2006	10/11/2006	10/11/2006	10/11/2006
Analyte	**Threshold**		**Units**									
1,1,1-Trichloroethane	200	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloro-1,2,2-trifluoroethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	5.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	5.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	6.00	a	µg/L	ND (0.5)	1	ND (0.5)	ND (0.5)	0.85	1.1	**110**	ND (0.5)	0.93
1,2,3-Trichloropropane	0.50	d	µg/L	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	0.50	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,4-Dioxane	300	d	µg/L	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)
Acetone	6300	f	µg/L	3.7 J	5.7	17	4.4 J	6	5.8	920	5.3	4.5 J
Alkalinity	NE		mg/L	--	--	--	--	--	--	--	--	--
Alkalinity bicarbonate	NE		mg/L	--	--	--	--	--	--	--	--	--
Aluminum	1000	a	µg/L	--	--	--	--	--	--	--	--	--
Antimony	6.00	a	µg/L	--	--	--	--	--	--	--	--	--
Arsenic	10.0	e	µg/L	--	--	--	--	--	--	--	--	--
Barium	1000	a	µg/L	--	--	--	--	--	--	--	--	--
Benzene	1.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromodichloromethane	80.0	e	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Calcium	NE		µg/L	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	0.50	a	µg/L	0.29 J	**2**	0.44 J	0.28 J	**1.7**	**1.4**	ND (0.5)	0.1 J	0.12 J
Chloroform	80.0	e	µg/L	0.15 J	0.48 J	0.51 J	0.19 J	0.69	0.94	ND (0.5)	ND (0.5)	0.11 J
Chloromethane	1.35	h	µg/L	ND (0.5)	ND (0.5)	0.34 J	0.21 J	0.3 J	0.27 J	ND (0.5)	0.17 J	ND (0.5)
Chromium	50.0	a	µg/L	--	--	--	--	--	--	--	--	--
Chromium VI	50.0	*	µg/L	2.3 J	5.7 J	2.2 J	0.82 J	6.7 J	6.2 J	**75**	2.1	4.4 J
cis-1,2-Dichloroethene	6.00	a	µg/L	ND (0.5)	0.55	ND (0.5)	ND (0.5)	0.39 J	0.73	ND (0.5)	ND (0.5)	ND (0.5)
Cobalt	140	f	µg/L	--	--	--	--	--	--	--	--	--
Copper	1300	g	µg/L	--	--	--	--	--	--	--	--	--
Dibromochloromethane	80.0	e	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Dichlorodifluoromethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Iron	300	e	µg/L	--	--	--	--	--	--	--	--	--
Lead	15.0	g	µg/L	--	--	--	--	--	--	--	--	--
Magnesium	NE		µg/L	--	--	--	--	--	--	--	--	--
Manganese	50.0	a	µg/L	--	--	--	--	--	--	--	--	--

TABLE E-3
Summary of Detected Compounds Third Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			CS-C01-105	CS-C01-285	CS-C02-062	CS-C02-180	CS-C02-250	CS-C02-335	CS-C03-100	CS-C03-465	CS-C04-290
	Sample Date:			10/13/2006	10/13/2006	10/16/2006	10/16/2006	10/16/2006	10/16/2006	10/11/2006	10/11/2006	10/11/2006
Analyte	**Threshold**		**Units**									
Methyl ethyl ketone	4200	f	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Methyl tert-butyl ether	13.0	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Methylene chloride	5.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.12 J	0.12 J	ND (0.5)	ND (0.5)	ND (0.5)
Nickel	100	a	µg/L	--	--	--	--	--	--	--	--	--
Nitrate	45.0	a	mg/L	**80.1**	23.14	**48.95**	13.35	20.47	32.04	**48.95**	5.34	11.125
Nitrite (as Nitrogen)	1.00	a	mg/L	ND (0.5)	ND (0.1)	ND (0.2)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.2)	ND (0.1)	ND (0.1)
Perchlorate	6.00	a	µg/L	--	--	--	--	--	--	--	--	--
Potassium	NE		µg/L	--	--	--	--	--	--	--	--	--
Selenium	50.0	a	µg/L	--	--	--	--	--	--	--	--	--
Silver	100	b	µg/L	--	--	--	--	--	--	--	--	--
Sodium	NE		µg/L	--	--	--	--	--	--	--	--	--
Tetrachloroethene	5.00	a	µg/L	**11**	**170**	**18**	**5.3**	**96**	**270**	**130**	3	**11**
Thallium	2.00	a	µg/L	--	--	--	--	--	--	--	--	--
Toluene	150	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,2-Dichloroethene	10.0	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	5.00	a	µg/L	**15**	**210**	**24**	**12**	**150**	**340**	**1,400**	**13**	**16**
Trichlorofluoromethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Vanadium	50.0	d	µg/L	--	--	--	--	--	--	--	--	--
Vinyl chloride	0.50	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Zinc	5000	b	µg/L	--	--	--	--	--	--	--	--	--

TABLE E-3
Summary of Detected Compounds Third Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			CS-C04-382	CS-C05-160	CS-C05-290	CS-C06-185	CS-VPB-01	CS-VPB-02	CS-VPB-03	CS-VPB-04	CS-VPB-05
	Sample Date:			10/11/2006	10/13/2006	10/13/2006	10/12/2006	10/9/2006	10/10/2006	10/17/2006	10/11/2006	10/13/2006
Analyte	**Threshold**		**Units**									
1,1,1-Trichloroethane	200	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	1
1,1,2-Trichloro-1,2,2-trifluoroethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	1.5
1,1,2-Trichloroethane	5.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	1.2
1,1-Dichloroethane	5.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	**13**
1,1-Dichloroethene	6.00	a	µg/L	ND (0.5)	**7.8 J**	ND (0.5)	0.32 J	0.13 J	ND (0.5)	**6.3**	**370**	**130**
1,2,3-Trichloropropane	0.50	d	µg/L	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	0.50	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	**2.1**
1,4-Dioxane	300	d	µg/L	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	16 J
Acetone	6300	f	µg/L	12 J	140	5.4	5.6	3.7 J	3 J	5.3	2,800 J	5.8
Alkalinity	NE		mg/L	--	--	--	--	--	--	--	--	--
Alkalinity bicarbonate	NE		mg/L	--	--	--	--	--	--	--	--	--
Aluminum	1000	a	µg/L	--	--	--	--	--	--	--	--	--
Antimony	6.00	a	µg/L	--	--	--	--	--	--	--	--	--
Arsenic	10.0	e	µg/L	--	--	--	--	--	--	--	--	--
Barium	1000	a	µg/L	--	--	--	--	--	--	--	--	--
Benzene	1.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.12 J
Bromodichloromethane	80.0	e	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Calcium	NE		µg/L	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	0.50	a	µg/L	ND (0.5)	**2.6 J**	0.11 J	0.14 J	**0.52**	ND (0.5)	0.22 J	ND (0.5)	**4.7**
Chloroform	80.0	e	µg/L	ND (0.5)	3.5 J	ND (0.5)	0.12 J	0.69	0.34 J	0.13 J	ND (0.5)	7.5
Chloromethane	1.35	h	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.16 J	ND (0.5)	ND (0.5)
Chromium	50.0	a	µg/L	--	--	--	--	--	--	--	--	--
Chromium VI	50.0	*	µg/L	2.3 J	30 J	0.85 J	1 J	1.7	1.5 J	**61 J**	**260 J**	**360 J**
cis-1,2-Dichloroethene	6.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	0.19 J	0.23 J	ND (0.5)	ND (0.5)	ND (0.5)	**21**
Cobalt	140	f	µg/L	--	--	--	--	--	--	--	--	--
Copper	1300	g	µg/L	--	--	--	--	--	--	--	--	--
Dibromochloromethane	80.0	e	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Dichlorodifluoromethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Iron	300	e	µg/L	--	--	--	--	--	--	--	--	--
Lead	15.0	g	µg/L	--	--	--	--	--	--	--	--	--
Magnesium	NE		µg/L	--	--	--	--	--	--	--	--	--
Manganese	50.0	a	µg/L	--	--	--	--	--	--	--	--	--

TABLE E-3
Summary of Detected Compounds Third Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			CS-C04-382	CS-C05-160	CS-C05-290	CS-C06-185	CS-VPB-01	CS-VPB-02	CS-VPB-03	CS-VPB-04	CS-VPB-05
	Sample Date:			10/11/2006	10/13/2006	10/13/2006	10/12/2006	10/9/2006	10/10/2006	10/17/2006	10/11/2006	10/13/2006
Analyte	**Threshold**		**Units**									
Methyl ethyl ketone	4200	f	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Methyl tert-butyl ether	13.0	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.86	ND (0.5)	ND (0.5)	ND (0.5)	0.69
Methylene chloride	5.00	a	µg/L	ND (0.5)	3.3 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Nickel	100	a	µg/L	--	--	--	--	--	--	--	--	--
Nitrate	45.0	a	mg/L	8.9	26.7	7.565	8.9	40.94	**48.95**	15.575	**53.4**	**53.4**
Nitrite (as Nitrogen)	1.00	a	mg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.2)	ND (0.2)	ND (0.5)	ND (0.1)	ND (0.2)	ND (0.2)
Perchlorate	6.00	a	µg/L	--	--	--	--	--	--	--	--	--
Potassium	NE		µg/L	--	--	--	--	--	--	--	--	--
Selenium	50.0	a	µg/L	--	--	--	--	--	--	--	--	--
Silver	100	b	µg/L	--	--	--	--	--	--	--	--	--
Sodium	NE		µg/L	--	--	--	--	--	--	--	--	--
Tetrachloroethene	5.00	a	µg/L	**23**	**15**	**19**	2.4	**100**	4	ND (0.5)	**190 J**	**68**
Thallium	2.00	a	µg/L	--	--	--	--	--	--	--	--	--
Toluene	150	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,2-Dichloroethene	10.0	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.31 J
Trichloroethene	5.00	a	µg/L	**23**	**210**	**18**	**9**	**88**	0.57	**6.9**	**4,200**	**1,100**
Trichlorofluoromethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Vanadium	50.0	d	µg/L	--	--	--	--	--	--	--	--	--
Vinyl chloride	0.50	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Zinc	5000	b	µg/L	--	--	--	--	--	--	--	--	--

TABLE E-3
Summary of Detected Compounds Third Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			CS-VPB-06	CS-VPB-07	CS-VPB-08	CS-VPB-09	CS-VPB-10	CS-VPB-11	NH-C01-325	NH-C02-220	NH-C02-325
	Sample Date:			10/12/2006	10/11/2006	10/12/2006	10/16/2006	10/12/2006	10/17/2006	10/3/2006	10/6/2006	10/9/2006
Analyte	**Threshold**		**Units**									
1,1,1-Trichloroethane	200	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloro-1,2,2-trifluoroethane	NE		µg/L	0.29 J	ND (0.5)	ND (0.5)	12	ND (0.5)	ND (0.5)	ND (0.5)	0.49 J	ND (0.5)
1,1,2-Trichloroethane	5.00	a	µg/L	0.15 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	5.00	a	µg/L	0.81	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	1.5	ND (0.5)	ND (0.5)
1,1-Dichloroethene	6.00	a	µg/L	**14**	**43**	0.16 J	ND (0.5)	ND (0.5)	0.36 J	ND (0.5)	0.19 J	0.14 J
1,2,3-Trichloropropane	0.50	d	µg/L	--	--	--	--	--	--	ND (0.005)	0.0053	0.0079
1,2-Dichloroethane	0.50	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,4-Dioxane	300	d	µg/L	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)
Acetone	6300	f	µg/L	ND (5)	220 J	4.1 J	6.1	22	4.9 J	ND (5)	4.2 J	4 J
Alkalinity	NE		mg/L	--	--	--	--	--	--	--	250	--
Alkalinity bicarbonate	NE		mg/L	--	--	--	--	--	--	--	250	--
Aluminum	1000	a	µg/L	--	--	--	--	--	--	51.2 J	19.1 J	ND (200)
Antimony	6.00	a	µg/L	--	--	--	--	--	--	--	--	ND (2)
Arsenic	10.0	e	µg/L	--	--	--	--	--	--	--	--	0.43 J
Barium	1000	a	µg/L	--	--	--	--	--	--	--	--	97.5
Benzene	1.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromodichloromethane	80.0	e	µg/L	0.36 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.37 J	ND (0.5)	ND (0.5)
Calcium	NE		µg/L	--	--	--	--	--	--	114,000	106,000	79,400
Carbon tetrachloride	0.50	a	µg/L	**4.5**	**5.5 J**	0.2 J	ND (0.5)	0.44 J	0.21 J	ND (0.5)	**1.7**	0.42 J
Chloroform	80.0	e	µg/L	2	ND (0.5)	0.59	0.42 J	1.9	0.87	2.2	0.76	0.34 J
Chloromethane	1.35	h	µg/L	ND (0.5)	ND (0.5)	0.11 J	0.14 J	ND (0.5)	0.2 J	0.12 J	ND (0.5)	ND (0.5)
Chromium	50.0	a	µg/L	--	--	--	--	--	--	--	--	1.5 J
Chromium VI	50.0	*	µg/L	8.9 J	ND (0.2)	2.8	5.8 J	2 J	2 J	0.4 J	3.8 J	1.3 J
cis-1,2-Dichloroethene	6.00	a	µg/L	0.81	ND (0.5)	0.33 J	ND (0.5)	ND (0.5)	ND (0.5)	1.9	ND (0.5)	0.59
Cobalt	140	f	µg/L	--	--	--	--	--	--	--	--	0.05 J
Copper	1300	g	µg/L	--	--	--	--	--	--	--	--	1.8 J
Dibromochloromethane	80.0	e	µg/L	0.12 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Dichlorodifluoromethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	4.9	ND (0.5)	0.6
Iron	300	e	µg/L	--	--	--	--	--	--	24.6 J	8 J	ND (100)
Lead	15.0	g	µg/L	--	--	--	--	--	--	--	--	0.15 J
Magnesium	NE		µg/L	--	--	--	--	--	--	27,200	26,200	20,700
Manganese	50.0	a	µg/L	--	--	--	--	--	--	--	--	0.68 J

TABLE E-3
Summary of Detected Compounds Third Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			CS-VPB-06	CS-VPB-07	CS-VPB-08	CS-VPB-09	CS-VPB-10	CS-VPB-11	NH-C01-325	NH-C02-220	NH-C02-325
	Sample Date:			10/12/2006	10/11/2006	10/12/2006	10/16/2006	10/12/2006	10/17/2006	10/3/2006	10/6/2006	10/9/2006
Analyte	**Threshold**		**Units**									
Methyl ethyl ketone	4200	f	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Methyl tert-butyl ether	13.0	a	µg/L	ND (0.5)	ND (0.5)	0.23 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Methylene chloride	5.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.25 J	ND (0.5)	ND (0.5)
Nickel	100	a	µg/L	--	--	--	--	--	--	--	--	0.25 J
Nitrate	45.0	a	mg/L	39.605	**53.4**	43.61	**48.95**	**57.85**	**48.95**	**62.3**	**62.3**	21.805
Nitrite (as Nitrogen)	1.00	a	mg/L	ND (0.2)	ND (0.2)	ND (0.5)	ND (0.5)	ND (0.2)	ND (0.5)	ND (0.1)	ND (0.1)	ND (0.1)
Perchlorate	6.00	a	µg/L	--	--	--	--	--	--	--	3.1	--
Potassium	NE		µg/L	--	--	--	--	--	--	6,520	4,970 J	3,990 J
Selenium	50.0	a	µg/L	--	--	--	--	--	--	--	--	0.48 J
Silver	100	b	µg/L	--	--	--	--	--	--	--	--	0.03 J
Sodium	NE		µg/L	--	--	--	--	--	--	31,200	30,600	27,200
Tetrachloroethene	5.00	a	µg/L	**6.8**	**12 J**	**290**	**9.4**	**37**	**10**	**27**	0.26 J	3.7
Thallium	2.00	a	µg/L	--	--	--	--	--	--	--	--	0.01 J
Toluene	150	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.1 J	0.11 J
trans-1,2-Dichloroethene	10.0	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.12 J	ND (0.5)	ND (0.5)
Trichloroethene	5.00	a	µg/L	**310**	**790**	**110**	ND (0.5)	**14**	0.36 J	2.2	**8**	**15**
Trichlorofluoromethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	1.6	0.51	ND (0.5)	ND (0.5)
Vanadium	50.0	d	µg/L	--	--	--	--	--	--	--	--	3.6
Vinyl chloride	0.50	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Zinc	5000	b	µg/L	--	--	--	--	--	--	--	--	3.3

TABLE E-3
Summary of Detected Compounds Third Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			NH-C02-520	NH-C03-380	NH-C05-460	NH-C06-160	NH-C06-285	NH-VPB-01	NH-VPB-02	NH-VPB-04	NH-VPB-05
	Sample Date:			10/9/2006	10/5/2006	10/9/2006	10/6/2006	10/10/2006	10/10/2006	10/3/2006	10/6/2006	10/9/2006
Analyte	**Threshold**		**Units**									
1,1,1-Trichloroethane	200	a	µg/L	ND (0.5)	ND (0.5)	0.19 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloro-1,2,2-trifluoroethane	NE		µg/L	ND (0.5)	ND (0.5)	0.62	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.91
1,1,2-Trichloroethane	5.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	5.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	6.00	a	µg/L	0.46 J	ND (0.5)	0.5	ND (0.5)	ND (0.5)	ND (0.5)	0.23 J	ND (0.5)	0.62
1,2,3-Trichloropropane	0.50	d	µg/L	--	ND (0.005)	ND (0.005)	ND (0.005)	--	--	ND (0.005)	ND (0.005)	0.018
1,2-Dichloroethane	0.50	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,4-Dioxane	300	d	µg/L	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)
Acetone	6300	f	µg/L	4.3 J	3.1 J	4.3 J	3 J	3.3 J	ND (5)	3 J	3.7 J	5
Alkalinity	NE		mg/L	--	--	--	220	--	--	--	--	--
Alkalinity bicarbonate	NE		mg/L	--	--	--	220	--	--	--	--	--
Aluminum	1000	a	µg/L	14.2 J	41.3 J	ND (200)	21.1 J	--	--	59.8 J	17.1 J	--
Antimony	6.00	a	µg/L	ND (2)	--	--	--	--	--	--	--	--
Arsenic	10.0	e	µg/L	0.46 J	--	--	--	--	--	--	--	--
Barium	1000	a	µg/L	92.8	--	--	--	--	--	--	--	--
Benzene	1.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromodichloromethane	80.0	e	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Calcium	NE		µg/L	71,900	63,500	68,300	101,000	--	--	99,500	104,000	--
Carbon tetrachloride	0.50	a	µg/L	**0.83**	ND (0.5)	ND (0.5)	0.13 J	**0.79**	**1.1**	ND (0.5)	ND (0.5)	**3.6**
Chloroform	80.0	e	µg/L	0.37 J	ND (0.5)	0.32 J	1	0.92	0.59	0.46 J	1.5	1.5
Chloromethane	1.35	h	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.18 J	ND (0.5)
Chromium	50.0	a	µg/L	2.1	--	--	--	--	--	--	--	--
Chromium VI	50.0	*	µg/L	1.5 J	1.1 J	0.2 J	6.3 J	3.4 J	0.82 J	3.1	2.7 J	3.4 J
cis-1,2-Dichloroethene	6.00	a	µg/L	ND (0.5)	0.29 J	ND (0.5)	ND (0.5)	0.1 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Cobalt	140	f	µg/L	0.04 J	--	--	--	--	--	--	--	--
Copper	1300	g	µg/L	1.9 J	--	--	--	--	--	--	--	--
Dibromochloromethane	80.0	e	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Dichlorodifluoromethane	NE		µg/L	ND (0.5)	0.46 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.3 J	ND (0.5)	ND (0.5)
Iron	300	e	µg/L	21.6 J	ND (100)	9.2 J	ND (100)	--	--	8.8 J	13.6 J	--
Lead	15.0	g	µg/L	0.16 J	--	--	--	--	--	--	--	--
Magnesium	NE		µg/L	16,300	15,500	15,800	20,800	--	--	25,900	20,600	--
Manganese	50.0	a	µg/L	4.7	--	--	--	--	--	--	--	--

TABLE E-3
Summary of Detected Compounds Third Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			NH-C02-520	NH-C03-380	NH-C05-460	NH-C06-160	NH-C06-285	NH-VPB-01	NH-VPB-02	NH-VPB-04	NH-VPB-05
	Sample Date:			10/9/2006	10/5/2006	10/9/2006	10/6/2006	10/10/2006	10/10/2006	10/3/2006	10/6/2006	10/9/2006
Analyte	**Threshold**		**Units**									
Methyl ethyl ketone	4200	f	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	1.5 J	ND (5)	ND (5)	ND (5)
Methyl tert-butyl ether	13.0	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Methylene chloride	5.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	0.14 J	ND (0.5)	ND (0.5)	0.15 J	ND (0.5)	ND (0.5)
Nickel	100	a	µg/L	0.21 J	--	--	--	--	--	--	--	--
Nitrate	45.0	a	mg/L	12.905	7.12	35.155	**80.1**	44.055	44.5	**62.3**	**57.85**	**71.2**
Nitrite (as Nitrogen)	1.00	a	mg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.2)	ND (0.1)	ND (0.2)	ND (0.1)
Perchlorate	6.00	a	µg/L	--	--	--	2	--	--	--	--	--
Potassium	NE		µg/L	4,200 J	3,500 J	4,060 J	4,920 J	--	--	4,150 J	5,570	--
Selenium	50.0	a	µg/L	1.6 J	--	--	--	--	--	--	--	--
Silver	100	b	µg/L	0.03 J	--	--	--	--	--	--	--	--
Sodium	NE		µg/L	25,600	23,900	27,900	28,600	--	--	57,400	36,200	--
Tetrachloroethene	5.00	a	µg/L	0.53	1.3	1.5	0.74	**5.2**	**16**	**7.5**	0.11 J	0.45 J
Thallium	2.00	a	µg/L	ND (1)	--	--	--	--	--	--	--	--
Toluene	150	a	µg/L	0.11 J	ND (0.5)	0.49 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.39 J
trans-1,2-Dichloroethene	10.0	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	5.00	a	µg/L	**14**	0.46 J	**84**	0.36 J	**47**	**23**	2.3	ND (0.5)	**21**
Trichlorofluoromethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Vanadium	50.0	d	µg/L	4.3	--	--	--	--	--	--	--	--
Vinyl chloride	0.50	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Zinc	5000	b	µg/L	1.9 J	--	--	--	--	--	--	--	--

TABLE E-3
Summary of Detected Compounds Third Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			NH-VPB-06	NH-VPB-07	NH-VPB-08	PO-C01-195	PO-VPB-02	PO-VPB-03	PO-VPB-07	PO-VPB-08	VD-VPB-01
	Sample Date:			10/3/2006	10/5/2006	10/9/2006	10/13/2006	10/13/2006	10/16/2006	10/17/2006	10/5/2006	10/4/2006
Analyte	**Threshold**		**Units**									
1,1,1-Trichloroethane	200	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.49 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloro-1,2,2-trifluoroethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	5.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.36 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	5.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.38 J	ND (0.5)	ND (0.5)	0.33 J	ND (0.5)
1,1-Dichloroethene	6.00	a	µg/L	0.23 J	0.14 J	ND (0.5)	0.2 J	**9**	ND (0.5)	ND (0.5)	4.6	ND (0.5)
1,2,3-Trichloropropane	0.50	d	µg/L	ND (0.005)	ND (0.005)	ND (0.005)	--	--	--	--	--	--
1,2-Dichloroethane	0.50	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,4-Dioxane	300	d	µg/L	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)
Acetone	6300	f	µg/L	3.4 J	4.8 J	3.7 J	4.6 J	3.1 J	6.3	65	4 J	4.1 J
Alkalinity	NE		mg/L	--	--	--	--	--	--	--	--	--
Alkalinity bicarbonate	NE		mg/L	--	--	--	--	--	--	--	--	--
Aluminum	1000	a	µg/L	42.3 J	53.6 J	18.7 J	--	--	--	--	--	--
Antimony	6.00	a	µg/L	--	--	0.36 J	--	--	--	--	--	--
Arsenic	10.0	e	µg/L	--	--	0.26 J	--	--	--	--	--	--
Barium	1000	a	µg/L	--	--	225	--	--	--	--	--	--
Benzene	1.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.1 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromodichloromethane	80.0	e	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	1.2
Calcium	NE		µg/L	107,000	124,000	141,000	--	--	--	--	--	--
Carbon tetrachloride	0.50	a	µg/L	ND (0.5)	0.16 J	ND (0.5)	0.49 J	0.5	0.27 J	ND (0.5)	ND (0.5)	ND (0.5)
Chloroform	80.0	e	µg/L	0.74	0.19 J	0.36 J	0.23 J	1.6	0.9	ND (0.5)	ND (0.5)	2.2
Chloromethane	1.35	h	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	0.15 J	ND (0.5)	0.22 J	ND (0.5)	0.11 J	ND (0.5)
Chromium	50.0	a	µg/L	--	--	2.4	--	--	--	--	--	--
Chromium VI	50.0	*	µg/L	1.3 J	1.1	1.5 J	0.18 J	**350 J**	2.8 J	1 J	ND (0.2)	0.18 J
cis-1,2-Dichloroethene	6.00	a	µg/L	1.4	0.16 J	ND (0.5)	ND (0.5)	0.31 J	0.21 J	ND (0.5)	0.78	ND (0.5)
Cobalt	140	f	µg/L	--	--	0.14 J	--	--	--	--	--	--
Copper	1300	g	µg/L	--	--	3.2	--	--	--	--	--	--
Dibromochloromethane	80.0	e	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.36 J
Dichlorodifluoromethane	NE		µg/L	0.55	0.87	ND (0.5)	ND (0.5)	ND (0.5)	0.3 J	ND (0.5)	ND (0.5)	1.8
Iron	300	e	µg/L	ND (100)	ND (100)	ND (100)	--	--	--	--	--	--
Lead	15.0	g	µg/L	--	--	0.05 J	--	--	--	--	--	--
Magnesium	NE		µg/L	23,000	29,700	34,500	--	--	--	--	--	--
Manganese	50.0	a	µg/L	--	--	0.55 J	--	--	--	--	--	--

TABLE E-3
Summary of Detected Compounds Third Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			NH-VPB-06	NH-VPB-07	NH-VPB-08	PO-C01-195	PO-VPB-02	PO-VPB-03	PO-VPB-07	PO-VPB-08	VD-VPB-01
	Sample Date:			10/3/2006	10/5/2006	10/9/2006	10/13/2006	10/13/2006	10/16/2006	10/17/2006	10/5/2006	10/4/2006
Analyte	**Threshold**		**Units**									
Methyl ethyl ketone	4200	f	µg/L	1.7 J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Methyl tert-butyl ether	13.0	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.7	**15**
Methylene chloride	5.00	a	µg/L	0.2 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.27 J
Nickel	100	a	µg/L	--	--	17.5	--	--	--	--	--	--
Nitrate	45.0	a	mg/L	**71.2**	**53.4**	34.71	24.03	**53.4**	**53.4**	**57.85**	12.46	**53.4**
Nitrite (as Nitrogen)	1.00	a	mg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.5)	0.11	ND (0.2)
Perchlorate	6.00	a	µg/L	--	--	--	--	--	--	--	--	--
Potassium	NE		µg/L	5,290	6,560	5,650	--	--	--	--	--	--
Selenium	50.0	a	µg/L	--	--	0.59 J	--	--	--	--	--	--
Silver	100	b	µg/L	--	--	0.02 J	--	--	--	--	--	--
Sodium	NE		µg/L	32,300	33,100	32,400	--	--	--	--	--	--
Tetrachloroethene	5.00	a	µg/L	2.4	2	2.5	0.93	**140**	**7.4**	2.3 J	**5.6**	3.4
Thallium	2.00	a	µg/L	--	--	0.01 J	--	--	--	--	--	--
Toluene	150	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,2-Dichloroethene	10.0	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.12 J	ND (0.5)
Trichloroethene	5.00	a	µg/L	4.9	0.21 J	4.6	**16**	**260**	**11**	**89**	**8.7**	ND (0.5)
Trichlorofluoromethane	NE		µg/L	0.18 J	ND (0.5)	ND (0.5)	0.26 J	ND (0.5)	0.13 J	ND (0.5)	ND (0.5)	ND (0.5)
Vanadium	50.0	d	µg/L	--	--	3.1	--	--	--	--	--	--
Vinyl chloride	0.50	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	**0.58**	ND (0.5)
Zinc	5000	b	µg/L	--	--	1.6 J	--	--	--	--	--	--

TABLE E-3
Summary of Detected Compounds Third Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			VD-VPB-02	VD-VPB-03	VD-VPB-05	VD-VPB-06
	Sample Date:			10/4/2006	10/4/2006	10/4/2006	10/4/2006
Analyte	**Threshold**		**Units**				
1,1,1-Trichloroethane	200	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloro-1,2,2-trifluoroethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	5.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	5.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	6.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2,3-Trichloropropane	0.50	d	µg/L	--	--	--	--
1,2-Dichloroethane	0.50	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,4-Dioxane	300	d	µg/L	ND (20)	ND (20)	ND (20)	ND (20)
Acetone	6300	f	µg/L	3.6 J	3.3 J	3.3 J	3.4 J
Alkalinity	NE		mg/L	--	--	--	--
Alkalinity bicarbonate	NE		mg/L	--	--	--	--
Aluminum	1000	a	µg/L	--	--	--	--
Antimony	6.00	a	µg/L	--	--	--	--
Arsenic	10.0	e	µg/L	--	--	--	--
Barium	1000	a	µg/L	--	--	--	--
Benzene	1.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromodichloromethane	80.0	e	µg/L	ND (0.5)	ND (0.5)	0.44 J	1.5
Calcium	NE		µg/L	--	--	--	--
Carbon tetrachloride	0.50	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chloroform	80.0	e	µg/L	0.44 J	0.31 J	1.1	1.6
Chloromethane	1.35	h	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chromium	50.0	a	µg/L	--	--	--	--
Chromium VI	50.0	*	µg/L	ND (0.2)	0.3 J	ND (0.2)	0.22 J
cis-1,2-Dichloroethene	6.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Cobalt	140	f	µg/L	--	--	--	--
Copper	1300	g	µg/L	--	--	--	--
Dibromochloromethane	80.0	e	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	1.8
Dichlorodifluoromethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Iron	300	e	µg/L	--	--	--	--
Lead	15.0	g	µg/L	--	--	--	--
Magnesium	NE		µg/L	--	--	--	--
Manganese	50.0	a	µg/L	--	--	--	--

TABLE E-3
Summary of Detected Compounds Third Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			VD-VPB-02	VD-VPB-03	VD-VPB-05	VD-VPB-06
	Sample Date:			10/4/2006	10/4/2006	10/4/2006	10/4/2006
Analyte	**Threshold**		**Units**				
Methyl ethyl ketone	4200	f	µg/L	ND (5)	1.6 J	1.7 J	ND (5)
Methyl tert-butyl ether	13.0	a	µg/L	0.21 J	ND (0.5)	2.3	ND (0.5)
Methylene chloride	5.00	a	µg/L	0.1 J	0.12 J	0.15 J	0.19 J
Nickel	100	a	µg/L	--	--	--	--
Nitrate	45.0	a	mg/L	**53.4**	24.475	41.83	**57.85**
Nitrite (as Nitrogen)	1.00	a	mg/L	ND (0.2)	ND (0.5)	ND (0.2)	ND (0.2)
Perchlorate	6.00	a	µg/L	--	--	--	--
Potassium	NE		µg/L	--	--	--	--
Selenium	50.0	a	µg/L	--	--	--	--
Silver	100	b	µg/L	--	--	--	--
Sodium	NE		µg/L	--	--	--	--
Tetrachloroethene	5.00	a	µg/L	2.4	0.35 J	0.41 J	0.39 J
Thallium	2.00	a	µg/L	--	--	--	--
Toluene	150	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
trans-1,2-Dichloroethene	10.0	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	5.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichlorofluoromethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Vanadium	50.0	d	µg/L	--	--	--	--
Vinyl chloride	0.50	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Zinc	5000	b	µg/L	--	--	--	--

Notes:

a: Cal DHS Primary MCL: California EPA Department of Health Services Primary Maximum Concentration Level.
c: Cal DHS Secondary MCL: California EPA Department of Health Services Secondary Maximum Concentration Level.
d: OEHHA PHG: California Office of Environmental Health Hazard Assessment Public Health Goal.
b: Cal DHS AL: California Department of Health Services Action Level based on toxicity to humans.
e: EPA Federal MCL
f: Noncarcinogenic Effects
g: Regulatory Action level
h: Carcinogenic Effects
* Chromium VI: MCL to be established - currently regulated under the total chromium MCL
Final health-based screening level for drinking water: Cal EPA Primary MCL or, in order of preference and availability, CalEPA Public Health Goal, Cal DHS Action Level and risk-based goal.
NE: Not established
ND (250): Not detected (reporting limit)
µg/L: Micrograms per liter
mg/L: Milligrams per liter
Results greater than the threshold are bolded.
J = Approximate concentration

TABLE E-4
Summary of Detected Compounds Fourth Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			CS-C01-105	CS-C01-285	CS-C01-558	CS-C02-062	CS-C02-180	CS-C02-250	CS-C02-335	CS-C03-100	CS-C03-325
	Sample Date:			12/28/2006	12/28/2006	12/13/2006	1/4/2007	1/4/2007	1/4/2007	1/4/2007	12/28/2006	12/12/2006
Analyte	**Threshold**		**Units**									
1,1,2-Trichloro-1,2,2-trifluoroethane	NE		µg/L	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (5)	ND (0.5)
1,1,2-Trichloroethane	5.00	a	µg/L	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	1.1 J	ND (0.5)
1,1-Dichloroethane	5.00	a	µg/L	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	**13**	ND (0.5)
1,1-Dichloroethene	6.00	a	µg/L	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	3.2 J	**260**	ND (0.5)
1,2,3-Trichloropropane	0.50	d	µg/L	0.0069	0.013	--	0.0089	ND (0.005)	0.012	0.028	0.0088	--
1,3-Dichlorobenzene	210	f	µg/L	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	0.33 J	ND (0.5)
Acetone	6300	f	µg/L	ND (5)	ND (10)	6	12	6	ND (10)	ND (10)	ND (10)	4.9 J
Alkalinity	NE		mg/L	280	230	160	290	230	210	220	310	140
Alkalinity bicarbonate	NE		mg/L	280	230	160	290	230	210	220	310	140
Antimony	6.00	a	µg/L	0.14 J	0.14 J	ND (2)	0.14 J	0.27 J	0.13 J	0.16 J	0.11 J	ND (2)
Arsenic	10.0	e	µg/L	0.3 J	0.4 J	0.5 J	0.31 J	0.36 J	0.32 J	0.4 J	0.92 J	ND (1)
Barium	1000	a	µg/L	165	92	88.6	114	50.2	76.7	78.3	263	87
Beryllium	4.00	a	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Bromodichloromethane	80.0	e	µg/L	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (5)	ND (0.5)
Bromomethane	9.80	f	µg/L	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (5)	ND (0.5)
Cadmium	5.00	a	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Calcium	NE		µg/L	158,000	72,600	57,900	137,000	113,000	76,600	78,400	116,000	51,600
Carbon disulfide	NE		µg/L	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (5)	ND (0.5)
Carbon tetrachloride	0.50	a	µg/L	0.41 J	**2 J**	ND (0.5)	0.3 J	0.22 J	**1.7 J**	**1.7 J**	**11**	ND (0.5)
Chloride	NE		mg/L	130	23	27	97	49	24	29	75	130
Chloroform	80.0	e	µg/L	0.28 J	ND (5)	ND (0.5)	0.5 J	0.2 J	0.99 J	1.4 J	6.8	ND (0.5)
Chloromethane	1.35	h	µg/L	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (5)	ND (0.5)
Chromium	50.0	a	µg/L	2.9	6.1	2.7	2.5	1.8 J	6.6	6.2	**74.5**	ND (2)
Chromium VI	50.0	*	µg/L	2.6 J	5.5	0.72 J	2	0.59 J	5.3	5.6 J	**84 J**	ND (0.2)
cis-1,2-Dichloroethene	6.00	a	µg/L	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	0.41 J	**9.9**	ND (0.5)
Cobalt	140	f	µg/L	0.15 J	0.07 J	0.06 J	0.16 J	0.11 J	0.07 J	0.08 J	0.95 J	ND (1)
Copper	1300	g	µg/L	1.1 J	0.69 J	0.47 J	1 J	0.89 J	1.1 J	0.9 J	1.1 J	0.39 J
Cyclohexane	NE		µg/L	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (5)	ND (0.5)
Dibromochloromethane	80.0	e	µg/L	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (5)	ND (0.5)
Dichlorodifluoromethane	NE		µg/L	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (5)	ND (0.5)
Fluoride	2.00	a	mg/L	0.31	0.44	0.29	0.3	0.3	0.44	0.44	0.34	0.27
Iron	300	e	µg/L	ND (100)	ND (100)	62.9 J	19.2 J	39 J	34.2 J	13.2 J	ND (100)	63.3 J

TABLE E-4
Summary of Detected Compounds Fourth Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			CS-C01-105	CS-C01-285	CS-C01-558	CS-C02-062	CS-C02-180	CS-C02-250	CS-C02-335	CS-C03-100	CS-C03-325
	Sample Date:			12/28/2006	12/28/2006	12/13/2006	1/4/2007	1/4/2007	1/4/2007	1/4/2007	12/28/2006	12/12/2006
Analyte	**Threshold**		**Units**									
Lead	15.0	g	µg/L	0.05 J	0.04 J	0.13 J	0.07 J	0.07 J	0.05 J	0.06 J	0.15 J	ND (1)
Magnesium	NE		µg/L	36,600	17,700	11,300	33,100	33,700	19,300	20,500	36,900	11,800
Manganese	50.0	a	µg/L	0.52 J	5.8	24.7	1.2	12.1	10.4	2.6	0.25 J	13.2
Mercury	2.00	a	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Methyl ethyl ketone	4200	f	µg/L	ND (5)	ND (10)	ND (5)	2.6 J	1.5 J	ND (10)	ND (10)	ND (10)	ND (5)
Methyl tert-butyl ether	13.0	a	µg/L	ND (0.5)	ND (5)	ND (0.5)	0.35 J	ND (0.5)	ND (5)	ND (5)	ND (5)	ND (0.5)
Methylene chloride	5.00	a	µg/L	ND (0.5)	ND (5)	ND (0.5)	0.64 J	0.32 J	ND (5)	ND (5)	ND (5)	ND (0.5)
Nickel	100	a	µg/L	8	0.08 J	0.1 J	1.1	0.61 J	0.08 J	0.17 J	0.48 J	ND (1)
Nitrate	45.0	a	mg/L	**75.65**	23.585	2.848	**48.95**	13.35	19.58	32.04	**48.95**	1.112
Nitrite (as Nitrogen)	1.00	a	mg/L	ND (1)	ND (0.1)	ND (0.1)	ND (0.5)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.2)	ND (0.5)
Potassium	NE		µg/L	7,040	4,320 J	3,960 J	6,020	5,000 J	3,780 J	3,980 J	2,760 J	3,960 J
Selenium	50.0	a	µg/L	2 J	0.58 J	0.88 J	1.7 J	8.5	2.1 J	1.4 J	5.5	1.3 J
Silver	100	b	µg/L	ND (1)	ND (1)	0.09 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Sodium	NE		µg/L	62,000	28,800	37,500	61,400	72,700	31,000	29,700	46,700	103,000
Sulfate	250	b	mg/L	200	57	88	190	**310**	100	85	120	100
Tetrachloroethene	5.00	a	µg/L	**12**	**110**	ND (0.5)	**14**	4.3	**75**	**200**	**100**	0.27 J
Thallium	2.00	a	µg/L	ND (1)	ND (1)	0.21 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Toluene	150	a	µg/L	ND (0.5)	ND (5)	0.38 J	ND (0.5)	ND (0.5)	ND (5)	ND (5)	0.57 J	0.11 J
Total Dissolved Solids	NE		mg/L	830	370	350	760	760	430	440	640	510
Total Organic Carbon	NE		mg/L	1.2 J	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	1.1 J	ND (2)
trans-1,2-Dichloroethene	10.0	a	µg/L	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	0.74 J	ND (0.5)
Trichloroethene	5.00	a	µg/L	**18**	**150**	ND (0.5)	**21**	**10**	**130**	**280**	**1,200**	ND (0.5)
Trichlorofluoromethane	NE		µg/L	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	0.24 J	ND (0.5)
Vanadium	50.0	d	µg/L	3.4	4.4	5.9	3.4	3.2	3.9	3.9	11.9	4.4
Vinyl chloride	0.50	a	µg/L	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (5)	ND (0.5)
Zinc	5000	b	µg/L	1.3 J	1.8 J	2.6	2.3	3	1.8 J	3.2	1.6 J	1.9 J

TABLE E-4
Summary of Detected Compounds Fourth Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			CS-C03-465	CS-C03-550	CS-C04-290	CS-C04-382	CS-C04-520	CS-C05-160	CS-C05-290	CS-C06-185	CS-C06-278
	Sample Date:			12/28/2006	12/12/2006	1/3/2007	1/3/2007	12/13/2006	1/2/2007	1/2/2007	1/4/2007	12/14/2006
Analyte	**Threshold**		**Units**									
1,1,2-Trichloro-1,2,2-trifluoroethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	5.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	5.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	6.00	a	µg/L	ND (0.5)	ND (0.5)	1.6	0.5 J	ND (0.5)	ND (5)	ND (0.5)	0.37 J	ND (0.5)
1,2,3-Trichloropropane	0.50	d	µg/L	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	210	f	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
Acetone	6300	f	µg/L	ND (5)	6.2	4.7 J	13	4.9 J	ND (10)	ND (5)	5.3	5.9
Alkalinity	NE		mg/L	180	170	180	190	150	220	180	180	200
Alkalinity bicarbonate	NE		mg/L	180	170	180	190	150	220	180	180	200
Antimony	6.00	a	µg/L	0.12 J	ND (2)	0.09 J	0.1 J	ND (2)	0.11 J	0.09 J	0.12 J	ND (2)
Arsenic	10.0	e	µg/L	0.34 J	ND (1)	0.38 J	0.33 J	0.59 J	0.49 J	0.38 J	0.36 J	0.68 J
Barium	1000	a	µg/L	71.6	87.5	80.9	78.6	58.3	149	64.3	49.5	40.3
Beryllium	4.00	a	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Bromodichloromethane	80.0	e	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromomethane	9.80	f	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
Cadmium	5.00	a	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Calcium	NE		µg/L	50,700	47,200	53,100	61,300	55,200	78,700	61,700	57,600	6,360
Carbon disulfide	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	0.14 J
Carbon tetrachloride	0.50	a	µg/L	0.13 J	ND (0.5)	0.15 J	ND (0.5)	ND (0.5)	**1.6 J**	0.13 J	0.11 J	ND (0.5)
Chloride	NE		mg/L	14	18	15	17	100	35	35	52	190
Chloroform	80.0	e	µg/L	0.14 J	ND (0.5)	0.13 J	ND (0.5)	ND (0.5)	2.8 J	0.16 J	0.11 J	ND (0.5)
Chloromethane	1.35	h	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
Chromium	50.0	a	µg/L	2.9	5	5	2.8	0.67 J	13.4	2.1	3	0.13 J
Chromium VI	50.0	*	µg/L	2 J	2 J	1.6 J	2.3 J	ND (0.2)	14 J	1.4 J	1.2 J	ND (0.2)
cis-1,2-Dichloroethene	6.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	1.8 J	ND (0.5)	0.2 J	0.54
Cobalt	140	f	µg/L	0.04 J	ND (1)	0.05 J	0.06 J	0.05 J	0.09 J	0.05 J	0.06 J	ND (1)
Copper	1300	g	µg/L	0.55 J	0.47 J	0.74 J	0.65 J	0.39 J	0.97 J	0.6 J	0.36 J	0.94 J
Cyclohexane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
Dibromochloromethane	80.0	e	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
Dichlorodifluoromethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
Fluoride	2.00	a	mg/L	0.47	0.44	0.49	0.39	0.28	0.37	0.36	0.31	0.71
Iron	300	e	µg/L	23.1 J	61.9 J	10.5 J	24.8 J	164	ND (100)	43 J	40.1 J	ND (100)

TABLE E-4
Summary of Detected Compounds Fourth Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			CS-C03-465	CS-C03-550	CS-C04-290	CS-C04-382	CS-C04-520	CS-C05-160	CS-C05-290	CS-C06-185	CS-C06-278
	Sample Date:			12/28/2006	12/12/2006	1/3/2007	1/3/2007	12/13/2006	1/2/2007	1/2/2007	1/4/2007	12/14/2006
Analyte	**Threshold**		**Units**									
Lead	15.0	g	µg/L	0.07 J	ND (1)	0.03 J	0.05 J	ND (1)	0.09 J	0.06 J	0.03 J	ND (1)
Magnesium	NE		µg/L	11,000	10,900	12,400	13,200	12,300	20,900	14,400	15,100	4,070 J
Manganese	50.0	a	µg/L	16.2	22.6	3.9	10.3	44.7	0.6 J	15.4	8.8	2.4
Mercury	2.00	a	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Methyl ethyl ketone	4200	f	µg/L	ND (5)	ND (5)	1.1 J	4.8 J	ND (5)	ND (10)	ND (5)	1.5 J	ND (5)
Methyl tert-butyl ether	13.0	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
Methylene chloride	5.00	a	µg/L	ND (0.5)	ND (0.5)	0.32 J	0.75 J	ND (0.5)	ND (5)	ND (0.5)	0.32 J	ND (0.5)
Nickel	100	a	µg/L	0.25 J	ND (1)	0.08 J	0.16 J	0.12 J	0.2 J	0.07 J	0.47 J	0.15 J
Nitrate	45.0	a	mg/L	4.895	12.015	10.235	8.455	1.202	22.25	7.12	8.9	ND (0.445)
Nitrite (as Nitrogen)	1.00	a	mg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.5)	ND (0.1)	ND (0.1)	ND (0.2)	ND (0.5)
Potassium	NE		µg/L	4,180 J	3,060 J	3,400 J	3,710 J	3,700 J	4,140 J	3,750 J	3,240 J	3,030 J
Selenium	50.0	a	µg/L	0.46 J	0.64 J	0.55 J	0.88 J	1 J	2.3 J	0.97 J	0.81 J	2.6 J
Silver	100	b	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Sodium	NE		µg/L	29,700	32,800	26,600	27,800	89,100	38,000	42,600	54,900	224,000
Sulfate	250	b	mg/L	53	43	43	64	120	89	85	91	89
Tetrachloroethene	5.00	a	µg/L	3	0.68	**11**	**22**	ND (0.5)	**10**	**17**	1.6	ND (0.5)
Thallium	2.00	a	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Toluene	150	a	µg/L	ND (0.5)	0.29 J	ND (0.5)	ND (0.5)	0.25 J	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
Total Dissolved Solids	NE		mg/L	280	300	290	310	490	450	380	410	680
Total Organic Carbon	NE		mg/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
trans-1,2-Dichloroethene	10.0	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	5.00	a	µg/L	**12**	1.1	**18**	**25**	ND (0.5)	**130**	**16**	**7.2**	ND (0.5)
Trichlorofluoromethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
Vanadium	50.0	d	µg/L	6.4	7.2	5.9	5	5.5	5.6	5.3	5.4	0.25 J
Vinyl chloride	0.50	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)	ND (0.5)	ND (0.5)
Zinc	5000	b	µg/L	2.2	2.7	1.5 J	1.8 J	1.7 J	1.5 J	2.1	1.8 J	1 J

TABLE E-4
Summary of Detected Compounds Fourth Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			CS-VPB-01	CS-VPB-02	CS-VPB-03	CS-VPB-04	CS-VPB-05	CS-VPB-06	CS-VPB-07	CS-VPB-08	CS-VPB-09
	Sample Date:			12/28/2006	11/29/2006	1/2/2007	1/3/2007	1/2/2007	1/4/2007	1/3/2007	12/27/2006	12/11/2006
Analyte	**Threshold**		**Units**									
1,1,2-Trichloro-1,2,2-trifluoroethane	NE		µg/L	ND (5)	ND (5)	ND (0.5)	12	ND (5)	ND (5)	ND (5)	ND (0.5)	11
1,1,2-Trichloroethane	5.00	a	µg/L	ND (5)	ND (5)	ND (0.5)	2.5 J	ND (5)	ND (5)	ND (5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	5.00	a	µg/L	ND (5)	ND (5)	ND (0.5)	**36**	**9.5 J**	ND (5)	ND (5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	6.00	a	µg/L	ND (5)	ND (5)	**9.2**	**690**	**130**	**32**	**56**	ND (0.5)	ND (0.5)
1,2,3-Trichloropropane	0.50	d	µg/L	0.021	ND (0.005)	ND (0.005)	0.011	0.0059	0.03	ND (0.005)	0.072	ND (0.005)
1,3-Dichlorobenzene	210	f	µg/L	ND (5)	ND (5)	ND (0.5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (0.5)	ND (0.5)
Acetone	6300	f	µg/L	ND (10)	8.6 J	ND (5)	ND (10)	ND (10)	ND (10)	ND (10)	3.7 J	4.1 J
Alkalinity	NE		mg/L	290	290	170	370	320	280	380	290	540
Alkalinity bicarbonate	NE		mg/L	290	290	170	370	320	280	380	290	540
Antimony	6.00	a	µg/L	0.13 J	ND (2)	0.11 J	0.11 J	0.09 J	0.14 J	0.21 J	0.1 J	ND (2)
Arsenic	10.0	e	µg/L	0.26 J	0.55 J	0.46 J	0.7 J	0.43 J	0.47 J	0.56 J	0.35 J	ND (1)
Barium	1000	a	µg/L	118	55.5	81.5	113	210	52.2	225	162	269
Beryllium	4.00	a	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Bromodichloromethane	80.0	e	µg/L	ND (5)	ND (5)	ND (0.5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (0.5)	ND (0.5)
Bromomethane	9.80	f	µg/L	ND (5)	ND (5)	ND (0.5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (0.5)	ND (0.5)
Cadmium	5.00	a	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Calcium	NE		µg/L	149,000	157,000	49,400	144,000	124,000	115,000	144,000	139,000	208,000
Carbon disulfide	NE		µg/L	ND (5)	ND (5)	ND (0.5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (0.5)	ND (0.5)
Carbon tetrachloride	0.50	a	µg/L	ND (5)	ND (5)	0.26 J	**11**	**2.8 J**	**3.9 J**	**4.3 J**	0.21 J	ND (0.5)
Chloride	NE		mg/L	96	100	16	79	70	89	76	95	160
Chloroform	80.0	e	µg/L	1.1 J	0.44 J	0.2 J	16	9.1 J	3.2 J	6.6 J	0.85	0.34 J
Chloromethane	1.35	h	µg/L	ND (5)	ND (5)	ND (0.5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (0.5)	ND (0.5)
Chromium	50.0	a	µg/L	3	2 J	**60.4**	**242**	**298**	10.4	10.6	2.9	6.1
Chromium VI	50.0	*	µg/L	2.4	1.5	**63 J**	**260 J**	**340 J**	5.9 J	ND (0.2)	2.8	6.6
cis-1,2-Dichloroethene	6.00	a	µg/L	ND (5)	ND (5)	ND (0.5)	**47**	**16 J**	0.59 J	ND (5)	0.42 J	ND (0.5)
Cobalt	140	f	µg/L	0.14 J	0.2 J	0.04 J	0.35 J	0.24 J	0.45 J	0.17 J	0.14 J	ND (1)
Copper	1300	g	µg/L	0.46 J	1.4 J	0.9 J	0.58 J	1.4 J	3.6	0.45 J	0.54 J	2.4
Cyclohexane	NE		µg/L	ND (5)	0.84 J	ND (0.5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (0.5)	ND (0.5)
Dibromochloromethane	80.0	e	µg/L	ND (5)	ND (5)	ND (0.5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (0.5)	ND (0.5)
Dichlorodifluoromethane	NE		µg/L	ND (5)	ND (5)	ND (0.5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (0.5)	ND (0.5)
Fluoride	2.00	a	mg/L	0.27	0.22	0.5	0.43	0.27	0.24	0.26	0.3	0.26
Iron	300	e	µg/L	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	41.9 J	172	ND (100)	ND (100)

TABLE E-4
Summary of Detected Compounds Fourth Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			CS-VPB-01	CS-VPB-02	CS-VPB-03	CS-VPB-04	CS-VPB-05	CS-VPB-06	CS-VPB-07	CS-VPB-08	CS-VPB-09
	Sample Date:			12/28/2006	11/29/2006	1/2/2007	1/3/2007	1/2/2007	1/4/2007	1/3/2007	12/27/2006	12/11/2006
Analyte	**Threshold**		**Units**									
Lead	15.0	g	µg/L	0.02 J	0.16 J	0.09 J	0.02 J	0.09 J	0.14 J	0.03 J	0.03 J	ND (1)
Magnesium	NE		µg/L	36,200	35,700	12,900	42,000	35,700	36,500	41,600	34,400	78,200
Manganese	50.0	a	µg/L	0.69 J	0.37 J	0.94 J	0.59 J	0.33 J	2.9	15.9	0.25 J	23.1
Mercury	2.00	a	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Methyl ethyl ketone	4200	f	µg/L	ND (10)	ND (10)	ND (5)	ND (10)	ND (10)	ND (10)	ND (10)	ND (5)	ND (5)
Methyl tert-butyl ether	13.0	a	µg/L	ND (5)	ND (5)	ND (0.5)	ND (5)	ND (5)	ND (5)	ND (5)	0.29 J	ND (0.5)
Methylene chloride	5.00	a	µg/L	ND (5)	ND (5)	ND (0.5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (0.5)	0.16 J
Nickel	100	a	µg/L	3.5	2.9	0.73 J	1.2	4	25.7	0.55 J	0.69 J	3.9
Nitrate	45.0	a	mg/L	40.495	43.61	14.685	**48.95**	44.5	38.715	**53.4**	44.5	44.5
Nitrite (as Nitrogen)	1.00	a	mg/L	ND (0.5)	ND (0.5)	ND (0.1)	ND (0.5)	ND (0.2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Potassium	NE		µg/L	5,890	6,300	3,310 J	4,470 J	3,400 J	2,780 J	3,870 J	5,410 J	1,940 J
Selenium	50.0	a	µg/L	1.8 J	4.5 J	0.56 J	2 J	2.2 J	1.6 J	0.84 J	2.4 J	1.6 J
Silver	100	b	µg/L	ND (1)	0.14 J	ND (1)	ND (1)	ND (1)	ND (1)	0.15 J	ND (1)	ND (1)
Sodium	NE		µg/L	38,000	68,900	26,000	50,300	49,500	57,800	49,700	54,700	58,500
Sulfate	250	b	mg/L	190	220	35	150	130	160	140	190	210
Tetrachloroethene	5.00	a	µg/L	**85**	2.9 J	ND (0.5)	**160**	**30**	5 J	**11 J**	**230**	**7.4**
Thallium	2.00	a	µg/L	ND (1)	0.25 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Toluene	150	a	µg/L	0.43 J	ND (5)	ND (0.5)	0.35 J	ND (5)	ND (5)	ND (5)	0.16 J	ND (0.5)
Total Dissolved Solids	NE		mg/L	710	870	260	780	680	710	760	730	1,200
Total Organic Carbon	NE		mg/L	ND (2)	ND (2)	ND (2)	1.2 J	ND (2)	1 J	1.1 J	1 J	ND (2)
trans-1,2-Dichloroethene	10.0	a	µg/L	ND (5)	ND (5)	ND (0.5)	0.94 J	ND (5)	ND (5)	ND (5)	ND (0.5)	ND (0.5)
Trichloroethene	5.00	a	µg/L	**78**	0.42 J	**6.6**	**3,000**	**400**	**220**	**390**	**100**	ND (0.5)
Trichlorofluoromethane	NE		µg/L	ND (5)	ND (5)	ND (0.5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (0.5)	ND (0.5)
Vanadium	50.0	d	µg/L	3.5	3.6	7.8	9.6	10.8	7	6.1	4.7	9.5
Vinyl chloride	0.50	a	µg/L	ND (5)	ND (5)	ND (0.5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (0.5)	ND (0.5)
Zinc	5000	b	µg/L	1.3 J	1.9 J	3.3	1.9 J	1.5 J	3.3	1.3 J	1.3 J	3

TABLE E-4
Summary of Detected Compounds Fourth Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			CS-VPB-10	CS-VPB-11	NH-C01-325	NH-C01-660	NH-C01-780	NH-C02-220	NH-C02-325	NH-C02-520	NH-C02-681
	Sample Date:			1/5/2007	1/3/2007	12/20/2006	12/1/2006	12/1/2006	12/21/2006	12/21/2006	12/21/2006	11/30/2006
Analyte	**Threshold**		**Units**									
1,1,2-Trichloro-1,2,2-trifluoroethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.5	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	5.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	5.00	a	µg/L	ND (0.5)	ND (0.5)	1.4	ND (0.5)	ND (0.5)	ND (0.5)	0.21 J	ND (0.5)	ND (0.5)
1,1-Dichloroethene	6.00	a	µg/L	ND (0.5)	0.36 J	ND (0.5)	ND (0.5)	ND (0.5)	0.21 J	0.2 J	0.5	ND (0.5)
1,2,3-Trichloropropane	0.50	d	µg/L	ND (0.005)	ND (0.005)	--	--	--	0.0071	0.0085	0.014	ND (0.005)
1,3-Dichlorobenzene	210	f	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Acetone	6300	f	µg/L	7.7	5.5	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Alkalinity	NE		mg/L	240	250	320	200	190	230	230	190	160
Alkalinity bicarbonate	NE		mg/L	240	250	320	200	190	230	230	190	160
Antimony	6.00	a	µg/L	0.19 J	0.16 J	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Arsenic	10.0	e	µg/L	0.8 J	0.95 J	0.46 J	0.42 J	0.39 J	0.37 J	0.35 J	0.36 J	0.46 J
Barium	1000	a	µg/L	178	153	136	63	57.9	121	94	82.4	63.2
Beryllium	4.00	a	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Bromodichloromethane	80.0	e	µg/L	0.23 J	ND (0.5)	0.38 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromomethane	9.80	f	µg/L	ND (0.5)	ND (0.5)	0.27 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Cadmium	5.00	a	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Calcium	NE		µg/L	115,000	114,000	121,000	61,600	58,100	101,000	79,900	71,300	43,100
Carbon disulfide	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon tetrachloride	0.50	a	µg/L	0.34 J	0.17 J	ND (0.5)	ND (0.5)	ND (0.5)	**2**	0.37 J	**0.72**	ND (0.5)
Chloride	NE		mg/L	93	83	43	11	11	41	24	17	9.4
Chloroform	80.0	e	µg/L	2.2	0.78	1.9	ND (0.5)	ND (0.5)	0.89	0.39 J	0.38 J	ND (0.5)
Chloromethane	1.35	h	µg/L	ND (0.5)	ND (0.5)	0.21 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.13 J
Chromium	50.0	a	µg/L	3.3	3.1	1.1 J	0.67 J	0.74 J	4	1.5 J	2	1.5 J
Chromium VI	50.0	*	µg/L	2 J	2.3 J	0.41	0.25 J	0.4 J	4	1.2	1.7	ND (0.2)
cis-1,2-Dichloroethene	6.00	a	µg/L	ND (0.5)	ND (0.5)	3	ND (0.5)	ND (0.5)	ND (0.5)	0.71	ND (0.5)	ND (0.5)
Cobalt	140	f	µg/L	0.14 J	0.17 J	0.08 J	0.57 J	0.06 J	0.07 J	0.06 J	0.04 J	0.04 J
Copper	1300	g	µg/L	3.2	2.4	1 J	0.28 J	0.5 J	1.3 J	1.1 J	0.76 J	0.36 J
Cyclohexane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Dibromochloromethane	80.0	e	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Dichlorodifluoromethane	NE		µg/L	ND (0.5)	ND (0.5)	5.5	ND (0.5)	ND (0.5)	ND (0.5)	0.82	ND (0.5)	ND (0.5)
Fluoride	2.00	a	mg/L	0.22	0.18	0.19	0.54	0.52	0.34	0.46	0.43	0.32
Iron	300	e	µg/L	18.7 J	25.2 J	28.8 J	50.8 J	33.6 J	ND (100)	ND (100)	20.6 J	99.1 J

TABLE E-4
Summary of Detected Compounds Fourth Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			CS-VPB-10	CS-VPB-11	NH-C01-325	NH-C01-660	NH-C01-780	NH-C02-220	NH-C02-325	NH-C02-520	NH-C02-681
	Sample Date:			1/5/2007	1/3/2007	12/20/2006	12/1/2006	12/1/2006	12/21/2006	12/21/2006	12/21/2006	11/30/2006
Analyte	**Threshold**		**Units**									
Lead	15.0	g	µg/L	0.1 J	0.08 J	0.17 J	ND (1)	0.11 J	ND (1)	ND (1)	ND (1)	ND (1)
Magnesium	NE		µg/L	40,100	39,200	28,100	16,800	15,600	24,100	20,600	16,300	9,150
Manganese	50.0	a	µg/L	0.6 J	1.8	0.45 J	47	34.5	0.79 J	1.6	4.5	42.7
Mercury	2.00	a	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	0.02 J
Methyl ethyl ketone	4200	f	µg/L	ND (5)	1.6 J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Methyl tert-butyl ether	13.0	a	µg/L	0.7	0.17 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Methylene chloride	5.00	a	µg/L	0.2 J	0.26 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Nickel	100	a	µg/L	5.1	6.8	0.41 J	0.21 J	0.21 J	0.98 J	ND (1)	0.27 J	0.15 J
Nitrate	45.0	a	mg/L	**57.85**	44.5	**66.75**	8.01	6.23	**48.95**	21.805	11.125	1.736
Nitrite (as Nitrogen)	1.00	a	mg/L	ND (0.5)	ND (0.5)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Potassium	NE		µg/L	2,350 J	2,240 J	5,940	3,130 J	3,260 J	4,500 J	3,720 J	3,980 J	3,420 J
Selenium	50.0	a	µg/L	0.95 J	0.92 J	0.73 J	0.7 J	0.51 J	0.79 J	ND (5)	1 J	ND (5)
Silver	100	b	µg/L	ND (1)	ND (1)	0.08 J	ND (1)	ND (1)	ND (1)	0.03 J	ND (1)	ND (1)
Sodium	NE		µg/L	39,000	41,100	32,200	26,900	25,700	30,600	27,900	26,500	27,500
Sulfate	250	b	mg/L	160	150	76	65	59	94	61	87	40
Tetrachloroethene	5.00	a	µg/L	**30**	**8.6**	**28**	ND (0.5)	ND (0.5)	0.27 J	3.3	0.41 J	ND (0.5)
Thallium	2.00	a	µg/L	0.2 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Toluene	150	a	µg/L	ND (0.5)	ND (0.5)	0.25 J	ND (0.5)	ND (0.5)	0.17 J	0.16 J	0.16 J	0.15 J
Total Dissolved Solids	NE		mg/L	700	670	590	340	320	490	410	360	250
Total Organic Carbon	NE		mg/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
trans-1,2-Dichloroethene	10.0	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	5.00	a	µg/L	**12**	0.44 J	3.3	ND (0.5)	ND (0.5)	**8.6**	**11**	**9.7**	ND (0.5)
Trichlorofluoromethane	NE		µg/L	ND (0.5)	1.6	0.79	ND (0.5)	ND (0.5)	ND (0.5)	0.1 J	ND (0.5)	ND (0.5)
Vanadium	50.0	d	µg/L	6.5	7.4	2.5	3.5	3.5	2.9	3.3	3.7	5.5
Vinyl chloride	0.50	a	µg/L	ND (0.5)	ND (0.5)	0.19 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Zinc	5000	b	µg/L	2.7	1.9 J	2.8	2.2	3.7	14.8	2	2.4	2.1

TABLE E-4
Summary of Detected Compounds Fourth Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			NH-C03-380	NH-C03-580	NH-C03-680	NH-C03-800	NH-C04-240	NH-C04-375	NH-C04-560	NH-C05-460	NH-C06-160
	Sample Date:			12/5/2006	12/5/2006	12/5/2006	12/5/2006	12/6/2006	12/6/2006	12/6/2006	12/20/2006	12/11/2006
Analyte	**Threshold**		**Units**									
1,1,2-Trichloro-1,2,2-trifluoroethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)
1,1,2-Trichloroethane	5.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)
1,1-Dichloroethane	5.00	a	µg/L	0.19 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)
1,1-Dichloroethene	6.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)
1,2,3-Trichloropropane	0.50	d	µg/L	--	--	--	--	--	--	--	ND (0.005)	--
1,3-Dichlorobenzene	210	f	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)
Acetone	6300	f	µg/L	ND (5)	ND (5)	ND (5)	3.3 J	ND (5)	ND (5)	ND (5)	ND (10)	6
Alkalinity	NE		mg/L	220	190	170	160	180	180	120	200	220
Alkalinity bicarbonate	NE		mg/L	220	190	170	160	180	180	120	200	220
Antimony	6.00	a	µg/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Arsenic	10.0	e	µg/L	0.37 J	0.35 J	0.31 J	0.28 J	ND (1)	ND (1)	ND (1)	0.42 J	ND (1)
Barium	1000	a	µg/L	86.5	83.7	84.8	57.9	106	129	83.2	91.2	146
Beryllium	4.00	a	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Bromodichloromethane	80.0	e	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	0.25 J
Bromomethane	9.80	f	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)
Cadmium	5.00	a	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Calcium	NE		µg/L	67,900	71,100	54,100	43,000	64,700	61,800	33,800	68,300	99,700
Carbon disulfide	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)
Carbon tetrachloride	0.50	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	0.11 J
Chloride	NE		mg/L	16	15	11	7.4	39	36	94	23	45
Chloroform	80.0	e	µg/L	0.15 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.6 J	0.78
Chloromethane	1.35	h	µg/L	0.2 J	ND (0.5)	ND (0.5)	ND (0.5)	0.11 J	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)
Chromium	50.0	a	µg/L	1.3 J	1.6 J	2.9	1.4 J	6.2	6.2	ND (2)	0.46 J	5.9
Chromium VI	50.0	*	µg/L	1.1	1.2 J	2.5 J	ND (0.2)	6 J	6.4	ND (0.3)	ND (0.3)	6.2 J
cis-1,2-Dichloroethene	6.00	a	µg/L	0.35 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)
Cobalt	140	f	µg/L	0.08 J	0.1 J	0.08 J	0.06 J	ND (1)	ND (1)	ND (1)	0.04 J	ND (1)
Copper	1300	g	µg/L	732	0.27 J	0.35 J	0.22 J	0.5 J	0.56 J	0.44 J	0.68 J	0.62 J
Cyclohexane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)
Dibromochloromethane	80.0	e	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)
Dichlorodifluoromethane	NE		µg/L	0.85	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)
Fluoride	2.00	a	mg/L	0.4	0.29	0.33	0.36	0.5	0.48	0.23	0.5	0.36
Iron	300	e	µg/L	21.8 J	ND (100)	ND (100)	113	ND (100)	ND (100)	51.5 J	ND (100)	ND (100)

TABLE E-4
Summary of Detected Compounds Fourth Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			NH-C03-380	NH-C03-580	NH-C03-680	NH-C03-800	NH-C04-240	NH-C04-375	NH-C04-560	NH-C05-460	NH-C06-160
	Sample Date:			12/5/2006	12/5/2006	12/5/2006	12/5/2006	12/6/2006	12/6/2006	12/6/2006	12/20/2006	12/11/2006
Analyte	**Threshold**		**Units**									
Lead	15.0	g	µg/L	**37.6**	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Magnesium	NE		µg/L	16,800	14,400	10,400	9,750	15,300	14,700	5,670	15,600	20,400
Manganese	50.0	a	µg/L	1.1	5.5	9.5	30.2	1.9	4.3	22	0.32 J	ND (1)
Mercury	2.00	a	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Methyl ethyl ketone	4200	f	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (10)	ND (5)
Methyl tert-butyl ether	13.0	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)
Methylene chloride	5.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	0.1 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)
Nickel	100	a	µg/L	0.79 J	0.14 J	0.09 J	0.57 J	ND (1)	ND (1)	ND (1)	0.19 J	ND (1)
Nitrate	45.0	a	mg/L	8.9	8.455	4.895	2.448	26.255	26.7	ND (0.445)	36.49	**71.2**
Nitrite (as Nitrogen)	1.00	a	mg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.5)	ND (0.1)	ND (0.1)
Potassium	NE		µg/L	3,330 J	4,210 J	4,040 J	3,320 J	3,530 J	3,490 J	2,460 J	3,810 J	4,470 J
Selenium	50.0	a	µg/L	0.41 J	1.1 J	0.56 J	0.36 J	0.68 J	0.76 J	0.45 J	ND (5)	1.5 J
Silver	100	b	µg/L	ND (1)	0.08 J	ND (1)	ND (1)	0.06 J	ND (1)	ND (1)	ND (1)	ND (1)
Sodium	NE		µg/L	24,800	23,400	23,500	27,300	39,500	36,900	81,500	28,700	29,300
Sulfate	250	b	mg/L	55	85	50	42	70	64	51	58	82
Tetrachloroethene	5.00	a	µg/L	1.9	0.41 J	0.46 J	ND (0.5)	0.25 J	ND (0.5)	ND (0.5)	1.3 J	0.69
Thallium	2.00	a	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Toluene	150	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)
Total Dissolved Solids	NE		mg/L	350	360	290	260	410	400	350	370	480
Total Organic Carbon	NE		mg/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	1.1 J
trans-1,2-Dichloroethene	10.0	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)
Trichloroethene	5.00	a	µg/L	0.41 J	0.46 J	0.79	ND (0.5)	0.22 J	ND (0.5)	ND (0.5)	**69**	0.3 J
Trichlorofluoromethane	NE		µg/L	0.11 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)
Vanadium	50.0	d	µg/L	3.3	3.1	4.3	4.2	7	7.1	4.8	2.8	4.1
Vinyl chloride	0.50	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)
Zinc	5000	b	µg/L	424	1.6 J	2.6	3	2.4	3.6	3.3	1.4 J	2.4

TABLE E-4
Summary of Detected Compounds Fourth Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			NH-C06-285	NH-C06-425	NH-VPB-01	NH-VPB-02	NH-VPB-04	NH-VPB-05	NH-VPB-06	NH-VPB-07	NH-VPB-08
	Sample Date:			12/26/2006	12/11/2006	12/27/2006	12/26/2006	11/30/2006	12/27/2006	12/11/2006	12/11/2006	12/27/2006
Analyte	**Threshold**		**Units**									
1,1,2-Trichloro-1,2,2-trifluoroethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	1.4	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	5.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	5.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.23 J	0.19 J	ND (0.5)
1,1-Dichloroethene	6.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	1.4	0.24 J	0.16 J	ND (0.5)
1,2,3-Trichloropropane	0.50	d	µg/L	--	--	--	--	ND (0.005)	0.026	ND (0.005)	--	ND (0.005)
1,3-Dichlorobenzene	210	f	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Acetone	6300	f	µg/L	ND (5)	6.1	ND (5)	ND (5)	ND (5)	ND (5)	6.1	3.7 J	ND (5)
Alkalinity	NE		mg/L	210	180	280	260	220	280	270	350	460
Alkalinity bicarbonate	NE		mg/L	210	180	280	260	220	280	270	350	460
Antimony	6.00	a	µg/L	0.11 J	ND (2)	0.12 J	0.15 J	ND (2)	0.17 J	ND (2)	ND (2)	0.08 J
Arsenic	10.0	e	µg/L	0.43 J	ND (1)	0.47 J	0.35 J	0.5 J	0.44 J	ND (1)	ND (1)	0.2 J
Barium	1000	a	µg/L	75.9	33.1	149	94.7	155	149	201	147	216
Beryllium	4.00	a	µg/L	ND (1)	ND (1)	ND (1)	0.03 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Bromodichloromethane	80.0	e	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromomethane	9.80	f	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Cadmium	5.00	a	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Calcium	NE		µg/L	97,100	129,000	135,000	94,000	101,000	111,000	106,000	121,000	141,000
Carbon disulfide	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon tetrachloride	0.50	a	µg/L	**0.85**	ND (0.5)	**1.1**	ND (0.5)	ND (0.5)	**4.8**	ND (0.5)	0.17 J	0.17 J
Chloride	NE		mg/L	32	44	79	44	64	51	40	42	42
Chloroform	80.0	e	µg/L	1.2	ND (0.5)	0.68	0.53	0.98	2	0.62	0.19 J	0.6
Chloromethane	1.35	h	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	0.24 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chromium	50.0	a	µg/L	4.7	ND (2)	4	3.5	2.7	3.8	ND (2)	ND (2)	2.3
Chromium VI	50.0	*	µg/L	2.6	ND (0.3)	2.7	3.3	2.4 J	3.5	1.2	0.85	1.7
cis-1,2-Dichloroethene	6.00	a	µg/L	0.14 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	1.5	0.13 J	ND (0.5)
Cobalt	140	f	µg/L	0.13 J	ND (1)	0.12 J	0.16 J	0.18 J	0.12 J	ND (1)	ND (1)	0.18 J
Copper	1300	g	µg/L	1.1 J	0.49 J	1.3 J	2	0.68 J	1.2 J	0.76 J	0.48 J	0.76 J
Cyclohexane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Dibromochloromethane	80.0	e	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Dichlorodifluoromethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	0.41 J	ND (0.5)	ND (0.5)	0.43 J	1	ND (0.5)
Fluoride	2.00	a	mg/L	0.28	0.27	0.35	0.22	0.27	0.35	0.28	0.24	0.22
Iron	300	e	µg/L	23.9 J	105 J	22.1 J	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)

TABLE E-4
Summary of Detected Compounds Fourth Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			NH-C06-285	NH-C06-425	NH-VPB-01	NH-VPB-02	NH-VPB-04	NH-VPB-05	NH-VPB-06	NH-VPB-07	NH-VPB-08
	Sample Date:			12/26/2006	12/11/2006	12/27/2006	12/26/2006	11/30/2006	12/27/2006	12/11/2006	12/11/2006	12/27/2006
Analyte	**Threshold**		**Units**									
Lead	15.0	g	µg/L	0.04 J	ND (1)	0.02 J	0.18 J	0.17 J	0.21 J	ND (1)	ND (1)	0.03 J
Magnesium	NE		µg/L	19,700	29,200	32,500	24,900	20,100	27,100	22,700	28,600	34,100
Manganese	50.0	a	µg/L	7.5	41.4	1.7	3.4	0.57 J	0.36 J	6.2	ND (1)	1.6
Mercury	2.00	a	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Methyl ethyl ketone	4200	f	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Methyl tert-butyl ether	13.0	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Methylene chloride	5.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.43 J	0.18 J	0.1 J	ND (0.5)
Nickel	100	a	µg/L	2.4	ND (1)	0.71 J	2.5	10.4	3.7	7.3	4.4	13.3
Nitrate	45.0	a	mg/L	39.16	11.125	44.5	**53.4**	**53.4**	**66.75**	**57.85**	**57.85**	34.71
Nitrite (as Nitrogen)	1.00	a	mg/L	ND (0.1)	ND (0.1)	ND (0.2)	ND (0.1)	ND (0.2)	ND (0.2)	ND (0.1)	ND (0.1)	ND (0.2)
Potassium	NE		µg/L	5,240 J	6,700	5,580	3,480 J	4,940 J	4,930 J	4,870 J	5,520 J	5,170 J
Selenium	50.0	a	µg/L	4.6 J	11.8	0.99 J	1.1 J	1.5 J	0.76 J	0.56 J	0.5 J	0.38 J
Silver	100	b	µg/L	ND (1)	0.04 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Sodium	NE		µg/L	56,900	88,000	32,600	49,800	36,300	31,700	32,300	32,500	32,300
Sulfate	250	b	mg/L	170	**400**	150	88	77	83	69	64	61
Tetrachloroethene	5.00	a	µg/L	4.3	ND (0.5)	**12**	**5.4**	ND (0.5)	0.62 J	2.6	1.7	2.4
Thallium	2.00	a	µg/L	ND (1)	ND (1)	ND (1)	0.17 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Toluene	150	a	µg/L	ND (0.5)	ND (0.5)	0.11 J	ND (0.5)	0.14 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Total Dissolved Solids	NE		mg/L	550 J	860	640	530 J	500	520	510	580	630
Total Organic Carbon	NE		mg/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	1.1 J	1.9 J	ND (2)	ND (2)
trans-1,2-Dichloroethene	10.0	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	5.00	a	µg/L	**41**	ND (0.5)	**21**	3.8	ND (0.5)	**23**	4.4	0.24 J	5
Trichlorofluoromethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	0.1 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Vanadium	50.0	d	µg/L	4.7	3.2	3.6	3.5	3.8	4	2.2	2.8	3.4
Vinyl chloride	0.50	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Zinc	5000	b	µg/L	2.6	2.9	1.4 J	2.7	1.7 J	1.9 J	2.9	1.9 J	1.8 J

TABLE E-4
Summary of Detected Compounds Fourth Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			PO-C01-195	PO-C01-354	PO-C02-053	PO-C02-205	PO-C03-182	PO-C03-235	PO-VPB-01	PO-VPB-02	PO-VPB-03
	Sample Date:			1/5/2007	12/15/2006	12/18/2006	12/18/2006	12/15/2006	12/15/2006	12/18/2006	1/5/2007	12/15/2006
Analyte	**Threshold**		**Units**									
1,1,2-Trichloro-1,2,2-trifluoroethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)
1,1,2-Trichloroethane	5.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)
1,1-Dichloroethane	5.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)
1,1-Dichloroethene	6.00	a	µg/L	0.29 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.11 J	**18**	0.13 J
1,2,3-Trichloropropane	0.50	d	µg/L	--	--	--	--	--	--	--	ND (0.005)	--
1,3-Dichlorobenzene	210	f	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)
Acetone	6300	f	µg/L	8	7.4	4.2 J	5.2	5.3	4.9 J	3.7 J	ND (10)	6
Alkalinity	NE		mg/L	210	250	180	190	200	220	180	200	210
Alkalinity bicarbonate	NE		mg/L	210	250	180	190	200	220	180	200	210
Antimony	6.00	a	µg/L	0.11 J	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	0.13 J	ND (2)
Arsenic	10.0	e	µg/L	0.39 J	0.43 J	0.66 J	0.63 J	0.59 J	0.67 J	0.59 J	0.67 J	0.51 J
Barium	1000	a	µg/L	57	27.7	64.7	160	55.1	48	61.1	88.9	79
Beryllium	4.00	a	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Bromodichloromethane	80.0	e	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	0.3 J
Bromomethane	9.80	f	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)
Cadmium	5.00	a	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Calcium	NE		µg/L	69,100	6,380	90,100	65,100	67,500	74,800	83,500	99,100	95,400
Carbon disulfide	NE		µg/L	ND (0.5)	0.17 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)
Carbon tetrachloride	0.50	a	µg/L	0.42 J	ND (0.5)	0.15 J	ND (0.5)	ND (0.5)	ND (0.5)	0.24 J	**0.54 J**	0.22 J
Chloride	NE		mg/L	52	180	110	55	68	72	80	84	83
Chloroform	80.0	e	µg/L	0.29 J	ND (0.5)	0.78	0.22 J	0.45 J	0.32 J	0.34 J	2.1 J	1.2
Chloromethane	1.35	h	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)
Chromium	50.0	a	µg/L	2.9	0.14 J	1.6 J	0.24 J	1.5 J	0.95 J	5.4	**238**	3.1
Chromium VI	50.0	*	µg/L	0.29 J	ND (0.2)	1.6	ND (0.2)	ND (0.2)	ND (0.2)	3.7 J	**240 J**	3.2 J
cis-1,2-Dichloroethene	6.00	a	µg/L	ND (0.5)	ND (0.5)	0.65	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	0.16 J
Cobalt	140	f	µg/L	0.08 J	ND (1)	0.1 J	0.09 J	0.09 J	0.15 J	0.23 J	0.16 J	0.12 J
Copper	1300	g	µg/L	0.68 J	0.91 J	0.63 J	0.32 J	0.35 J	0.39 J	2.7	0.48 J	1.7 J
Cyclohexane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)
Dibromochloromethane	80.0	e	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)
Dichlorodifluoromethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	0.36 J
Fluoride	2.00	a	mg/L	0.25	1.1	0.18	0.35	0.32	0.28	0.23	0.21	0.3
Iron	300	e	µg/L	121	ND (100)	ND (100)	85.3 J	214	204	128	15.6 J	ND (100)

TABLE E-4
Summary of Detected Compounds Fourth Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			PO-C01-195	PO-C01-354	PO-C02-053	PO-C02-205	PO-C03-182	PO-C03-235	PO-VPB-01	PO-VPB-02	PO-VPB-03
	Sample Date:			1/5/2007	12/15/2006	12/18/2006	12/18/2006	12/15/2006	12/15/2006	12/18/2006	1/5/2007	12/15/2006
Analyte	**Threshold**		**Units**									
Lead	15.0	g	µg/L	0.03 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	0.16 J	0.55 J	0.13 J
Magnesium	NE		µg/L	20,900	2,860 J	31,500	22,900	24,100	26,100	29,000	35,100	33,800
Manganese	50.0	a	µg/L	12.7	1.7	0.18 J	**94.8**	28.2	33	1.3	0.34 J	1.3
Mercury	2.00	a	µg/L	0.023 J	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Methyl ethyl ketone	4200	f	µg/L	ND (5)	2.3 J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (10)	ND (5)
Methyl tert-butyl ether	13.0	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.18 J	0.8	ND (0.5)	ND (5)	ND (0.5)
Methylene chloride	5.00	a	µg/L	0.15 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	0.14 J
Nickel	100	a	µg/L	0.25 J	ND (1)	0.21 J	0.29 J	0.14 J	0.4 J	10.8	1.5	0.29 J
Nitrate	45.0	a	mg/L	23.585	ND (0.445)	**48.95**	23.585	31.595	29.37	42.275	**53.4**	**53.4**
Nitrite (as Nitrogen)	1.00	a	mg/L	ND (0.2)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.2)	ND (0.2)	ND (0.5)	ND (0.5)	ND (0.2)
Potassium	NE		µg/L	2,180 J	2,160 J	2,180 J	2,890 J	2,790 J	3,030 J	2,620 J	2,240 J	2,530 J
Selenium	50.0	a	µg/L	0.68 J	1.9 J	1.8 J	0.54 J	1.5 J	1.9 J	0.97 J	0.82 J	1.5 J
Silver	100	b	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	0.02 J	ND (1)	ND (1)
Sodium	NE		µg/L	41,600	224,000	61,200	36,600	60,200	70,200	41,000	39,600	47,900
Sulfate	250	b	mg/L	78	38	170	85	110	140	130	150	160
Tetrachloroethene	5.00	a	µg/L	0.66	ND (0.5)	1.6	0.49 J	1.2	1.1	0.6	**77**	**6.6**
Thallium	2.00	a	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Toluene	150	a	µg/L	0.17 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.28 J	ND (0.5)
Total Dissolved Solids	NE		mg/L	430	670	690	450	510	560	580	610	630
Total Organic Carbon	NE		mg/L	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
trans-1,2-Dichloroethene	10.0	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)
Trichloroethene	5.00	a	µg/L	**13**	ND (0.5)	1.3	0.14 J	2.9	1.7	0.83	**170**	**12**
Trichlorofluoromethane	NE		µg/L	0.36 J	ND (0.5)	0.2 J	ND (0.5)	0.12 J	ND (0.5)	0.21 J	ND (5)	0.13 J
Vanadium	50.0	d	µg/L	7.6	ND (1)	4.8	6	3.7	3.7	5.1	10.1	5.9
Vinyl chloride	0.50	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (5)	ND (0.5)
Zinc	5000	b	µg/L	2 J	1 J	2.6	2.6	2.9	2.4	2.9	1.3 J	3.2

TABLE E-4
Summary of Detected Compounds Fourth Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			PO-VPB-05	PO-VPB-06	PO-VPB-07	PO-VPB-08	PO-VPB-10	VD-VPB-01	VD-VPB-02	VD-VPB-03	VD-VPB-05
	Sample Date:			12/18/2006	12/18/2006	1/5/2007	12/18/2006	12/14/2006	12/19/2006	12/19/2006	12/19/2006	12/19/2006
Analyte	**Threshold**		**Units**									
1,1,2-Trichloro-1,2,2-trifluoroethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	5.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethane	5.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	0.34 J	ND (0.5)	0.17 J	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	6.00	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	4.9	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,2,3-Trichloropropane	0.50	d	µg/L	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	210	f	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Acetone	6300	f	µg/L	4.5 J	4.3 J	10	3.6 J	5 J	3.8 J	5.8	4.9 J	4.3 J
Alkalinity	NE		mg/L	230	210	450	260	170	160	170	220	140
Alkalinity bicarbonate	NE		mg/L	230	210	450	260	170	160	170	220	140
Antimony	6.00	a	µg/L	ND (2)	ND (2)	0.23 J	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Arsenic	10.0	e	µg/L	2.8	0.69 J	1.2	1.4	0.91 J	0.48 J	0.53 J	0.4 J	ND (1)
Barium	1000	a	µg/L	49.8	41.5	73.7	122	143	89.1	96.8	163	86.1
Beryllium	4.00	a	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Bromodichloromethane	80.0	e	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	1.3	ND (0.5)	ND (0.5)	0.37 J
Bromomethane	9.80	f	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Cadmium	5.00	a	µg/L	0.22 J	0.11 J	ND (1)	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Calcium	NE		µg/L	78,900	80,500	175,000	87,200	80,800	90,500	87,200	123,000	78,400
Carbon disulfide	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Carbon tetrachloride	0.50	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chloride	NE		mg/L	96	87	180	99	79	92	94	130	82
Chloroform	80.0	e	µg/L	ND (0.5)	0.24 J	0.56	ND (0.5)	0.1 J	2.2	0.36 J	0.3 J	1
Chloromethane	1.35	h	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Chromium	50.0	a	µg/L	0.31 J	0.5 J	1.2 J	0.18 J	6.4	0.5 J	0.5 J	0.43 J	0.3 J
Chromium VI	50.0	*	µg/L	ND (0.2)	0.28 J	0.6 J	ND (0.2)	6.3 J	ND (0.2)	0.12 J	0.28 J	ND (0.2)
cis-1,2-Dichloroethene	6.00	a	µg/L	ND (0.5)	ND (0.5)	0.14 J	0.64	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Cobalt	140	f	µg/L	3.2	1.2	0.25 J	7.9	0.1 J	0.06 J	0.06 J	0.13 J	0.74 J
Copper	1300	g	µg/L	6.5	1.6 J	0.97 J	5.8	1.2 J	1.9 J	1.5 J	0.77 J	3.9
Cyclohexane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Dibromochloromethane	80.0	e	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.53	ND (0.5)	ND (0.5)	ND (0.5)
Dichlorodifluoromethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	1.2	ND (0.5)	ND (0.5)	ND (0.5)
Fluoride	2.00	a	mg/L	0.45	0.52	0.5	0.44	0.36	0.21	0.09 J	0.2	0.19
Iron	300	e	µg/L	18.4 J	ND (100)	7.4 J	ND (100)	ND (100)	102 J	ND (100)	ND (100)	**474**

TABLE E-4
Summary of Detected Compounds Fourth Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			PO-VPB-05	PO-VPB-06	PO-VPB-07	PO-VPB-08	PO-VPB-10	VD-VPB-01	VD-VPB-02	VD-VPB-03	VD-VPB-05
	Sample Date:			12/18/2006	12/18/2006	1/5/2007	12/18/2006	12/14/2006	12/19/2006	12/19/2006	12/19/2006	12/19/2006
Analyte	**Threshold**		**Units**									
Lead	15.0	g	µg/L	0.13 J	0.18 J	0.03 J	0.28 J	ND (1)	ND (1)	0.17 J	0.15 J	ND (1)
Magnesium	NE		µg/L	24,700	23,700	68,100	27,800	28,500	31,800	34,800	45,300	29,000
Manganese	50.0	a	µg/L	5	6.5	0.76 J	**1,700**	1.1	2.7	0.76 J	0.21 J	**67**
Mercury	2.00	a	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	0.02 J	0.094 J	ND (0.2)	ND (0.2)	ND (0.2)
Methyl ethyl ketone	4200	f	µg/L	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Methyl tert-butyl ether	13.0	a	µg/L	ND (0.5)	0.12 J	ND (0.5)	0.56	ND (0.5)	**17**	ND (0.5)	ND (0.5)	1.4
Methylene chloride	5.00	a	µg/L	ND (0.5)	ND (0.5)	0.18 J	ND (0.5)	0.11 J	0.21 J	ND (0.5)	ND (0.5)	ND (0.5)
Nickel	100	a	µg/L	6.3	2.2	10.4	9.8	0.85 J	0.28 J	0.51 J	0.37 J	3.7
Nitrate	45.0	a	mg/L	7.565	17.355	38.715	12.015	**80.1**	**57.85**	**57.85**	24.475	40.05
Nitrite (as Nitrogen)	1.00	a	mg/L	ND (0.5)	ND (0.5)	ND (0.5)	0.08 J	ND (0.2)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)
Potassium	NE		µg/L	5,740	4,050 J	2,040 J	3,440 J	2,400 J	3,270 J	2,570 J	3,860 J	2,840 J
Selenium	50.0	a	µg/L	3.2 J	6.6	6.6	2.9 J	0.82 J	0.41 J	0.51 J	1.1 J	ND (5)
Silver	100	b	µg/L	ND (1)	0.08 J	ND (1)	ND (1)	ND (1)	0.02 J	ND (1)	ND (1)	0.08 J
Sodium	NE		µg/L	89,700	84,000	100,000	87,900	31,500	35,500	42,000	51,700	43,400
Sulfate	250	b	mg/L	180	180	**270**	170	82	130	130	220	140
Tetrachloroethene	5.00	a	µg/L	ND (0.5)	0.24 J	0.62	**5.9**	ND (0.5)	4.3	2.5	0.21 J	0.34 J
Thallium	2.00	a	µg/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	0.18 J
Toluene	150	a	µg/L	ND (0.5)	ND (0.5)	0.25 J	ND (0.5)	ND (0.5)	0.15 J	0.17 J	0.18 J	0.32 J
Total Dissolved Solids	NE		mg/L	660	2,600 J	1,100	690	470	580	600	800	540
Total Organic Carbon	NE		mg/L	1.6 J	1.1 J	1.4 J	2.9	ND (2)	1.8 J	1.1 J	ND (2)	1.4 J
trans-1,2-Dichloroethene	10.0	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	5.00	a	µg/L	ND (0.5)	0.29 J	**20**	**7.5**	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichlorofluoromethane	NE		µg/L	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Vanadium	50.0	d	µg/L	5	3.2	7.8	7.2	6.8	2.8	4.3	2.4	0.82 J
Vinyl chloride	0.50	a	µg/L	ND (0.5)	ND (0.5)	ND (0.5)	**0.53**	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Zinc	5000	b	µg/L	4.5	4.7	2.3	5	2.5	2.2	2.4	1.8 J	4.5

TABLE E-4
Summary of Detected Compounds Fourth Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

	Well Name:			VD-VPB-06	VD-VPB-07
	Sample Date:			12/19/2006	12/19/2006
Analyte	**Threshold**		**Units**		
1,1,2-Trichloro-1,2,2-trifluoroethane	NE		µg/L	ND (0.5)	ND (0.5)
1,1,2-Trichloroethane	5.00	a	µg/L	ND (0.5)	ND (0.5)
1,1-Dichloroethane	5.00	a	µg/L	ND (0.5)	ND (0.5)
1,1-Dichloroethene	6.00	a	µg/L	ND (0.5)	ND (0.5)
1,2,3-Trichloropropane	0.50	d	µg/L	--	--
1,3-Dichlorobenzene	210	f	µg/L	ND (0.5)	ND (0.5)
Acetone	6300	f	µg/L	4.6 J	4 J
Alkalinity	NE		mg/L	100	180
Alkalinity bicarbonate	NE		mg/L	100	180
Antimony	6.00	a	µg/L	ND (2)	ND (2)
Arsenic	10.0	e	µg/L	0.54 J	0.67 J
Barium	1000	a	µg/L	121	51.6
Beryllium	4.00	a	µg/L	ND (1)	ND (1)
Bromodichloromethane	80.0	e	µg/L	0.92	ND (0.5)
Bromomethane	9.80	f	µg/L	ND (0.5)	ND (0.5)
Cadmium	5.00	a	µg/L	ND (1)	ND (1)
Calcium	NE		µg/L	61,200	68,100
Carbon disulfide	NE		µg/L	ND (0.5)	ND (0.5)
Carbon tetrachloride	0.50	a	µg/L	ND (0.5)	ND (0.5)
Chloride	NE		mg/L	79	50
Chloroform	80.0	e	µg/L	1.8	0.16 J
Chloromethane	1.35	h	µg/L	ND (0.5)	ND (0.5)
Chromium	50.0	a	µg/L	0.62 J	0.41 J
Chromium VI	50.0	*	µg/L	0.27 J	ND (0.2)
cis-1,2-Dichloroethene	6.00	a	µg/L	ND (0.5)	ND (0.5)
Cobalt	140	f	µg/L	0.05 J	0.07 J
Copper	1300	g	µg/L	2.4	0.49 J
Cyclohexane	NE		µg/L	ND (0.5)	ND (0.5)
Dibromochloromethane	80.0	e	µg/L	0.65	ND (0.5)
Dichlorodifluoromethane	NE		µg/L	ND (0.5)	ND (0.5)
Fluoride	2.00	a	mg/L	0.17	0.21
Iron	300	e	µg/L	ND (100)	174

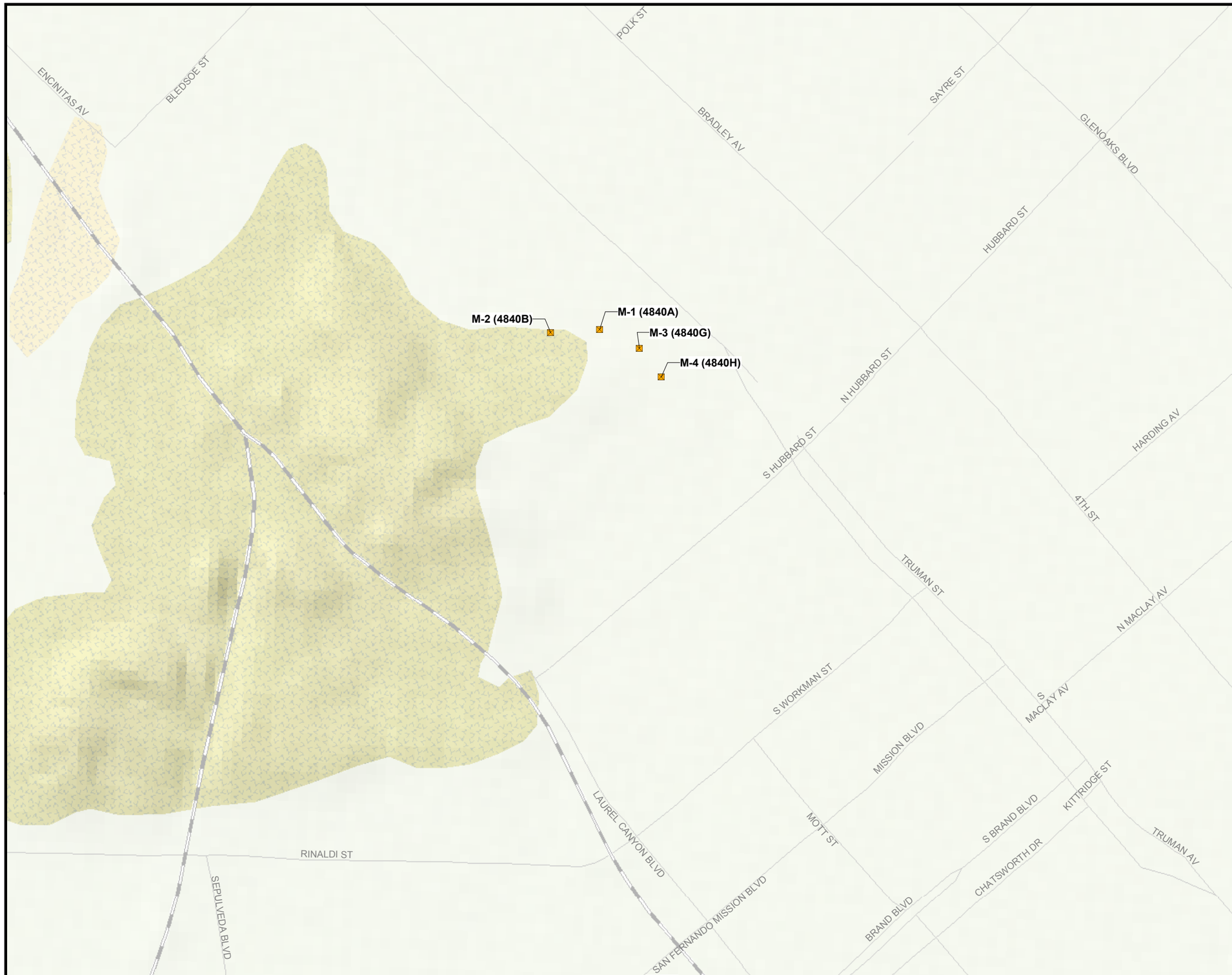
TABLE E-4
Summary of Detected Compounds Fourth Quarter 2006
San Fernando Valley Basin - Groundwater Monitoring Program

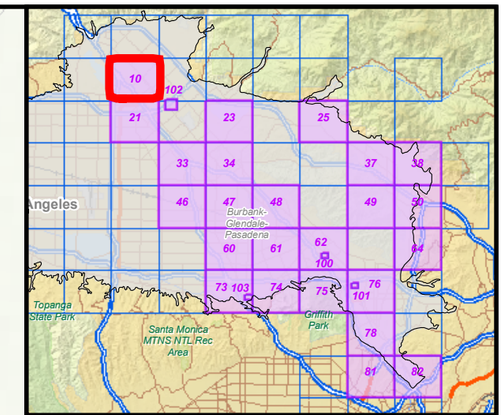
	Well Name:			VD-VPB-06	VD-VPB-07
	Sample Date:			12/19/2006	12/19/2006
Analyte	**Threshold**		**Units**		
Lead	15.0	g	µg/L	0.14 J	ND (1)
Magnesium	NE		µg/L	25,900	25,800
Manganese	50.0	a	µg/L	0.82 J	19.5
Mercury	2.00	a	µg/L	ND (0.2)	ND (0.2)
Methyl ethyl ketone	4200	f	µg/L	ND (5)	ND (5)
Methyl tert-butyl ether	13.0	a	µg/L	0.11 J	ND (0.5)
Methylene chloride	5.00	a	µg/L	0.15 J	ND (0.5)
Nickel	100	a	µg/L	0.34 J	1.4
Nitrate	45.0	a	mg/L	**53.4**	16.465
Nitrite (as Nitrogen)	1.00	a	mg/L	ND (0.5)	ND (0.1)
Potassium	NE		µg/L	3,340 J	3,110 J
Selenium	50.0	a	µg/L	0.44 J	ND (5)
Silver	100	b	µg/L	0.03 J	0.03 J
Sodium	NE		µg/L	52,800	31,000
Sulfate	250	b	mg/L	140	96
Tetrachloroethene	5.00	a	µg/L	0.41 J	ND (0.5)
Thallium	2.00	a	µg/L	ND (1)	ND (1)
Toluene	150	a	µg/L	0.18 J	0.28 J
Total Dissolved Solids	NE		mg/L	530	440
Total Organic Carbon	NE		mg/L	1 J	ND (2)
trans-1,2-Dichloroethene	10.0	a	µg/L	ND (0.5)	ND (0.5)
Trichloroethene	5.00	a	µg/L	ND (0.5)	ND (0.5)
Trichlorofluoromethane	NE		µg/L	ND (0.5)	ND (0.5)
Vanadium	50.0	d	µg/L	3.5	1.9
Vinyl chloride	0.50	a	µg/L	ND (0.5)	ND (0.5)
Zinc	5000	b	µg/L	2.1	2.4

Notes:

a: Cal DHS Primary MCL: California EPA Department of Health Services Primary Maximum Concentration Level.
c: Cal DHS Secondary MCL: California EPA Department of Health Services Secondary Maximum Concentration Level.
d: OEHHA PHG: California Office of Environmental Health Hazard Assessment Public Health Goal.
b: Cal DHS AL: California Department of Health Services Action Level based on toxicity to humans.
e: EPA Federal MCL
f: Noncarcinogenic Effects
g: Regulatory Action level
h: Carcinogenic Effects
* Chromium VI: MCL to be established - currently regulated under the total chromium MCL
Final health-based screening level for drinking water: Cal EPA Primary MCL or, in order of preference and availability, CalEPA Public Health Goal, Cal DHS Action Level and risk-based goal.
NE: Not established
ND (250): Not detected (reporting limit)
µg/L: Micrograms per liter
mg/L: Milligrams per liter
Results greater than the threshold are bolded.
J = Approximate concentration

Appendix F
TCE Contamination in Shallow Zone in 2006





LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and TCE available only

N

0 500 1,000 2,000
Feet

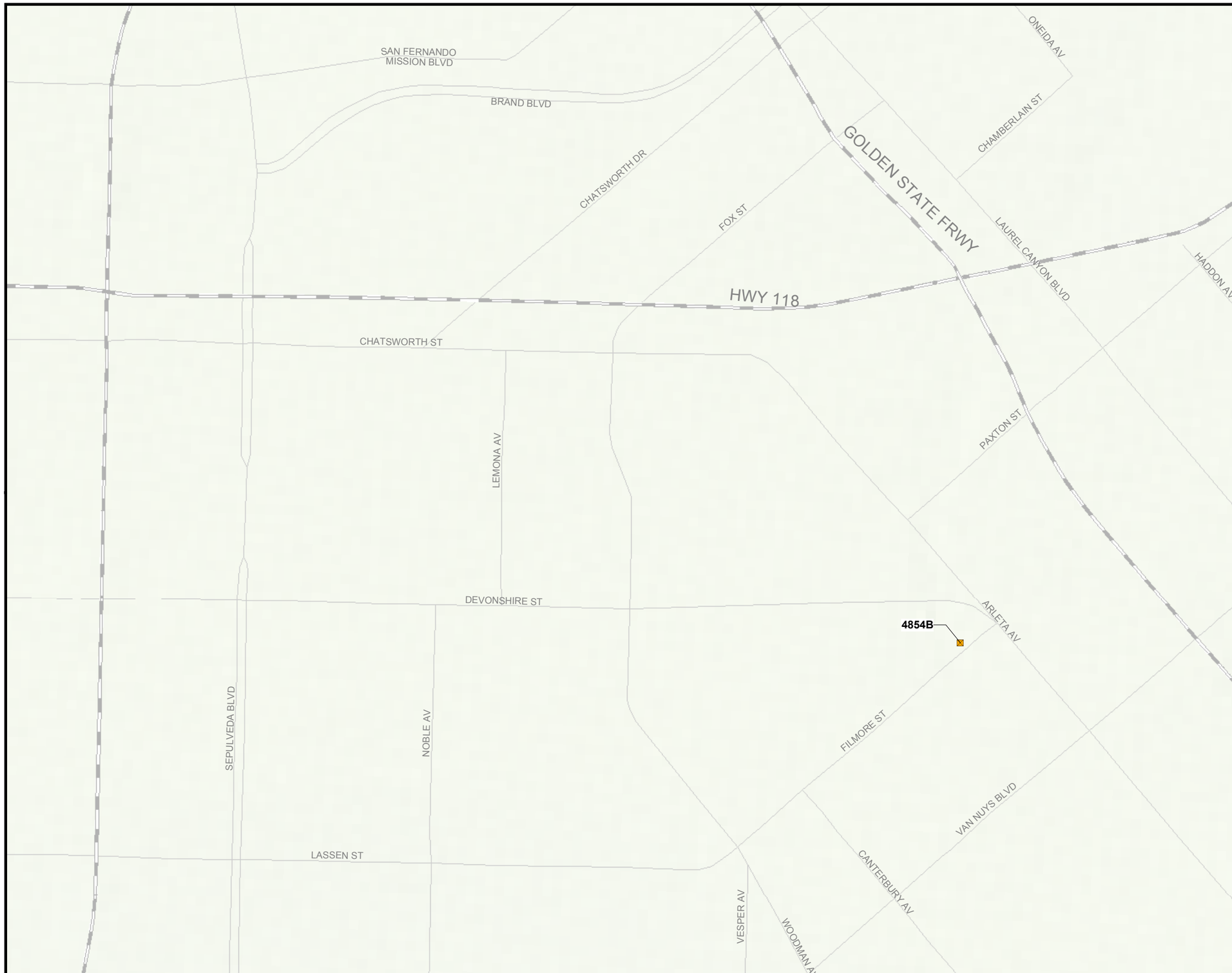
PLATE 10

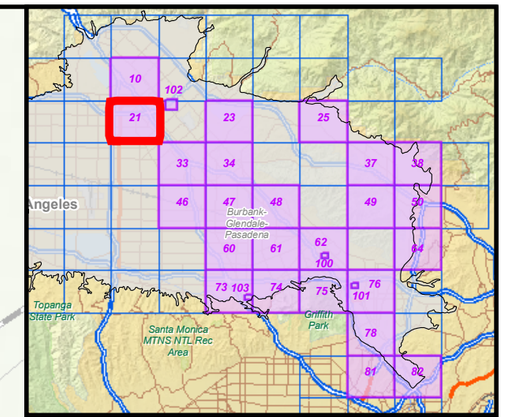
TCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

\\CABLECAR\PROJ\USEPA\COMMONFILES\EPASFV\GIS\MAPFILES\2007\2006REPORT\APPENDIX_G_06RPT.MXD APPENDIX_G_06RPT.PDF 12/18/2007 16:07:45





LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and TCE available only

N

0 500 1,000 2,000
Feet

PLATE 21

TCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

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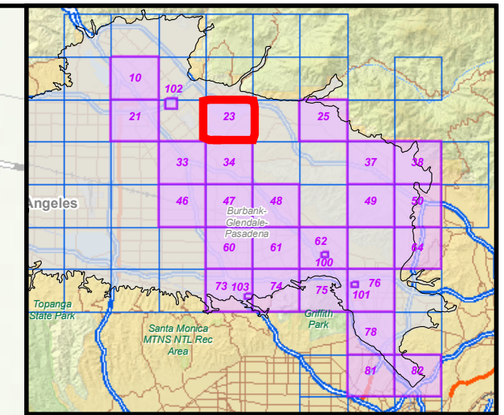

LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and TCE available only

N

0 500 1,000 2,000
Feet

PLATE 23

TCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

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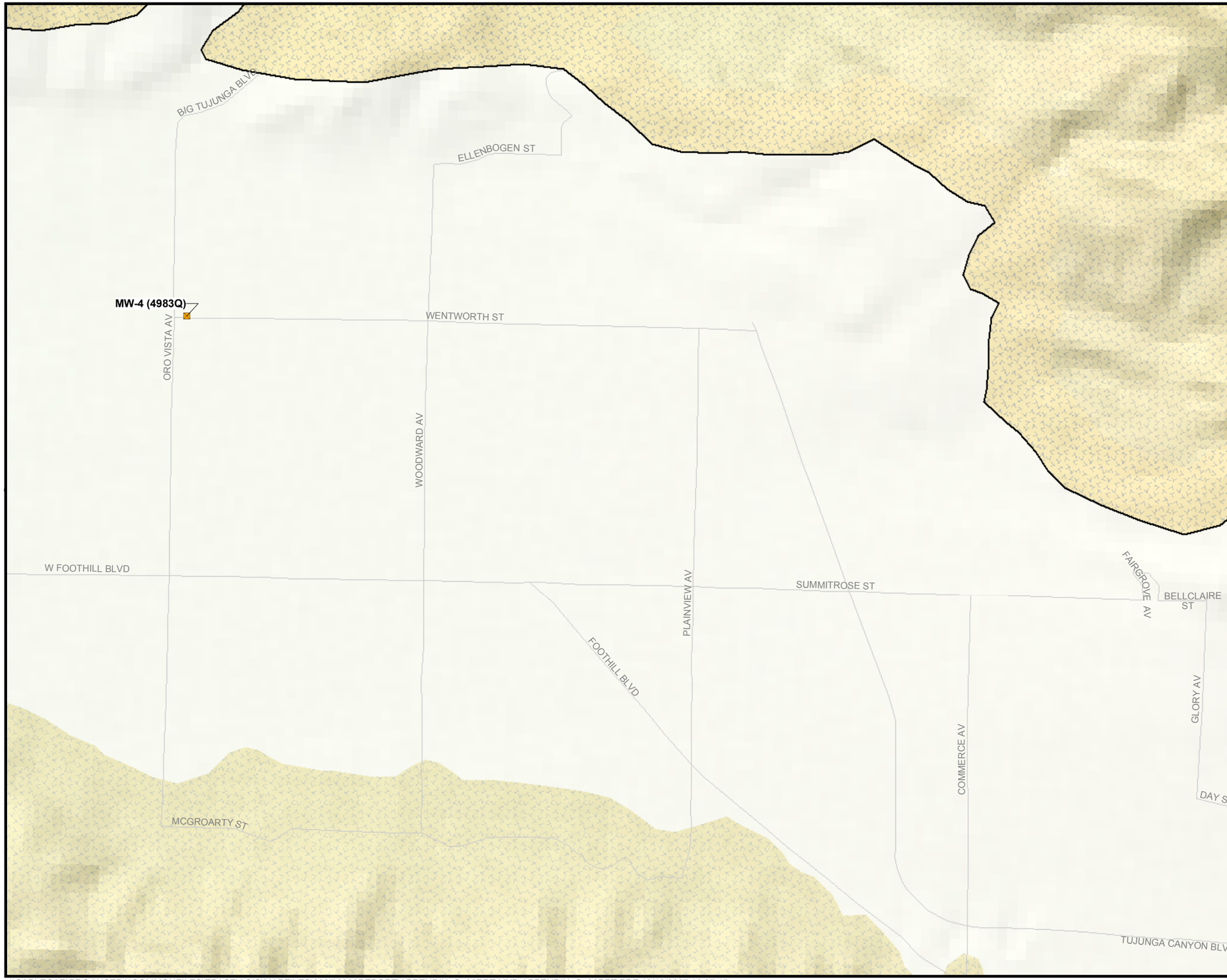

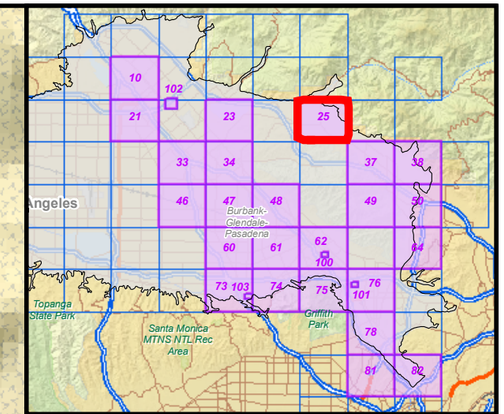

LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and TCE available only

N

0 500 1,000 2,000
Feet

PLATE 25

TCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

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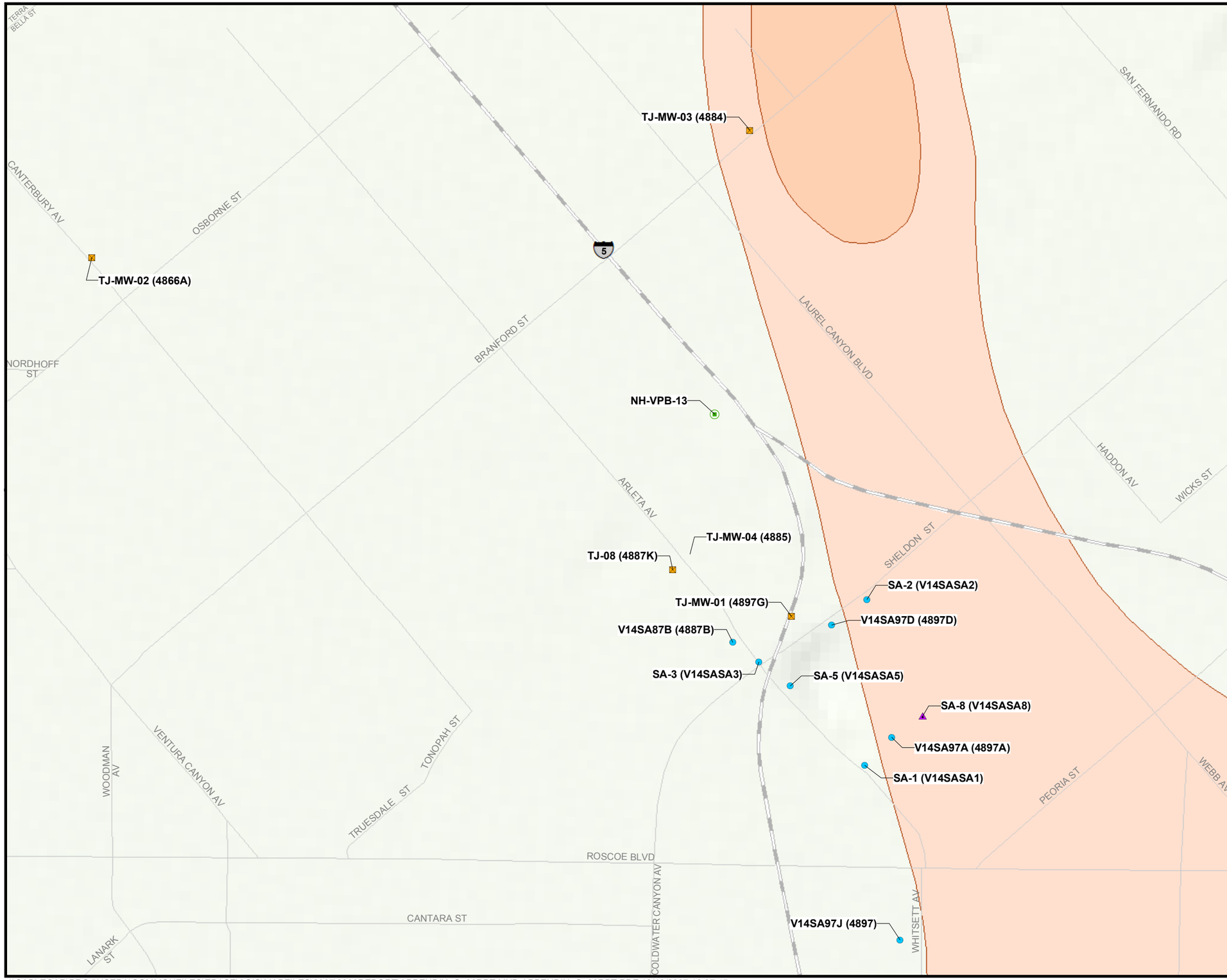

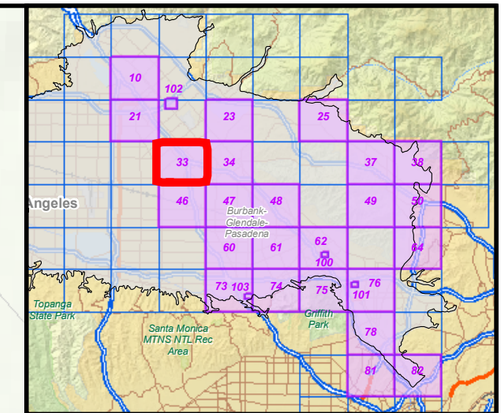

LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and TCE available only

N

0 500 1,000 2,000
Feet

PLATE 33

TCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

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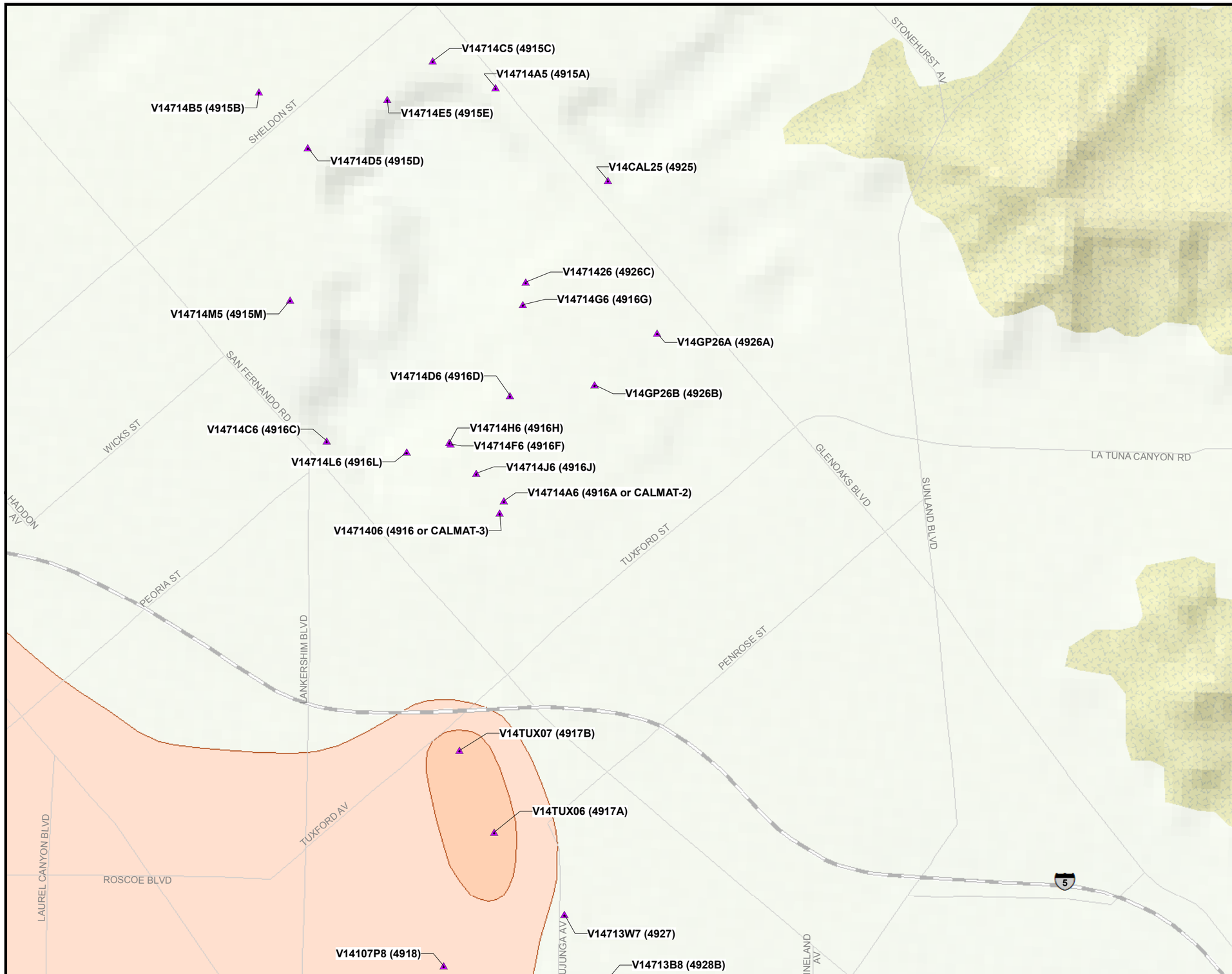

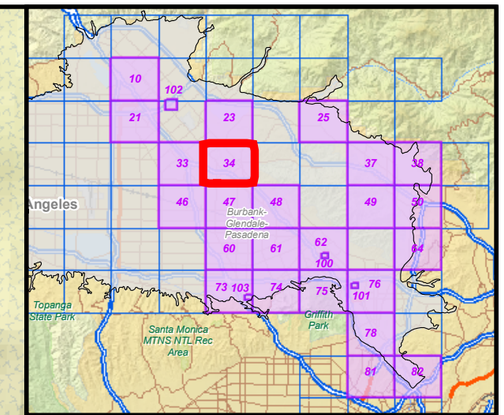

LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and TCE available only

N

0 500 1,000 2,000
Feet

PLATE 34

TCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

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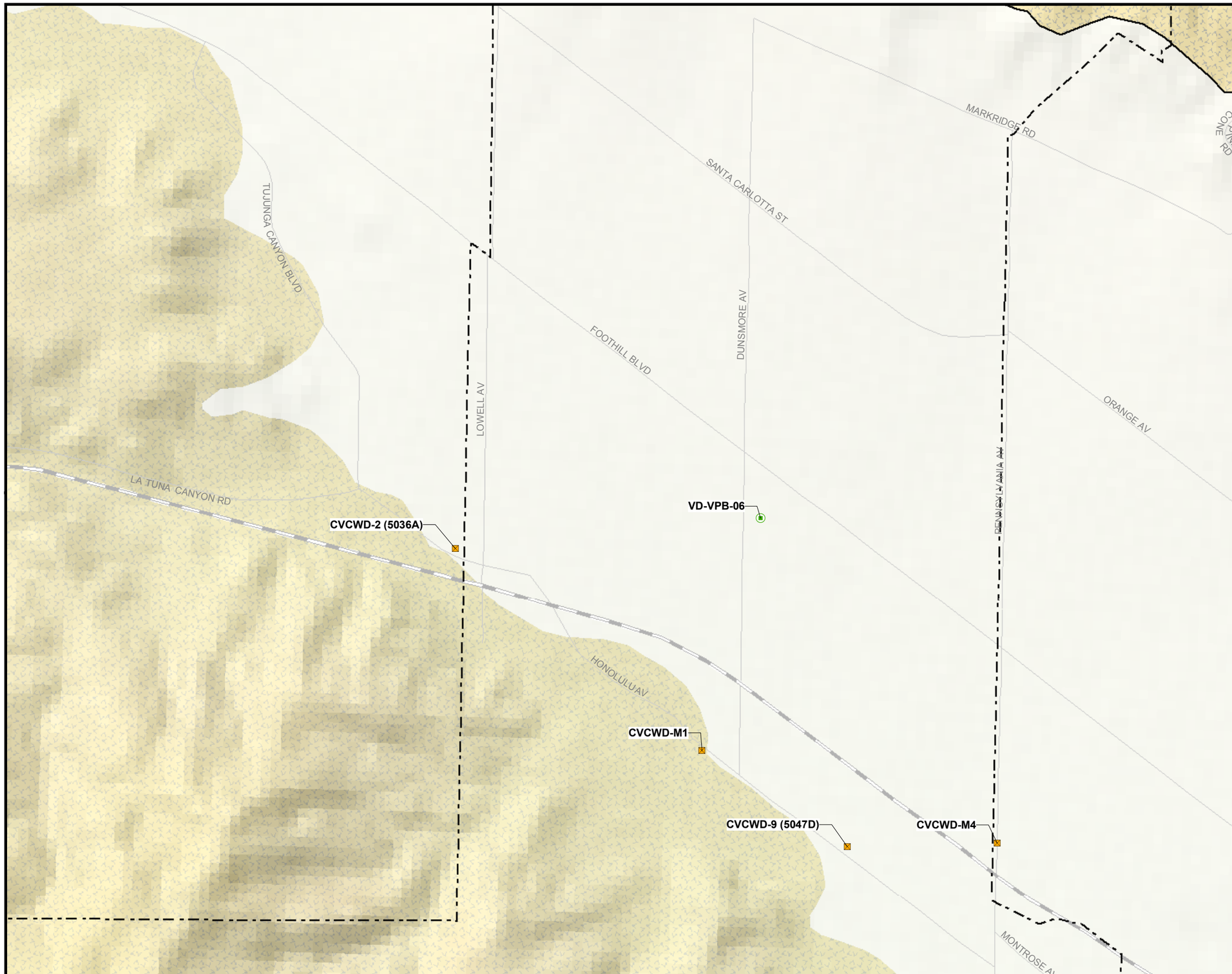

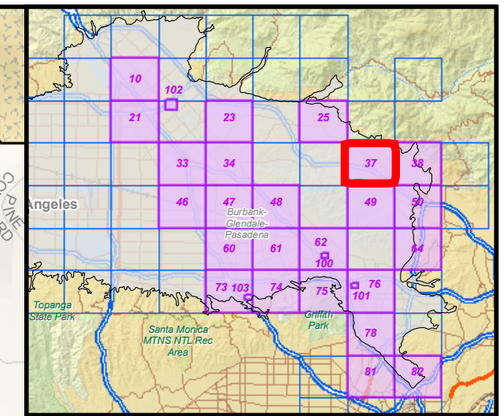

LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and TCE available only

N

0 500 1,000 2,000
Feet

PLATE 37

TCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

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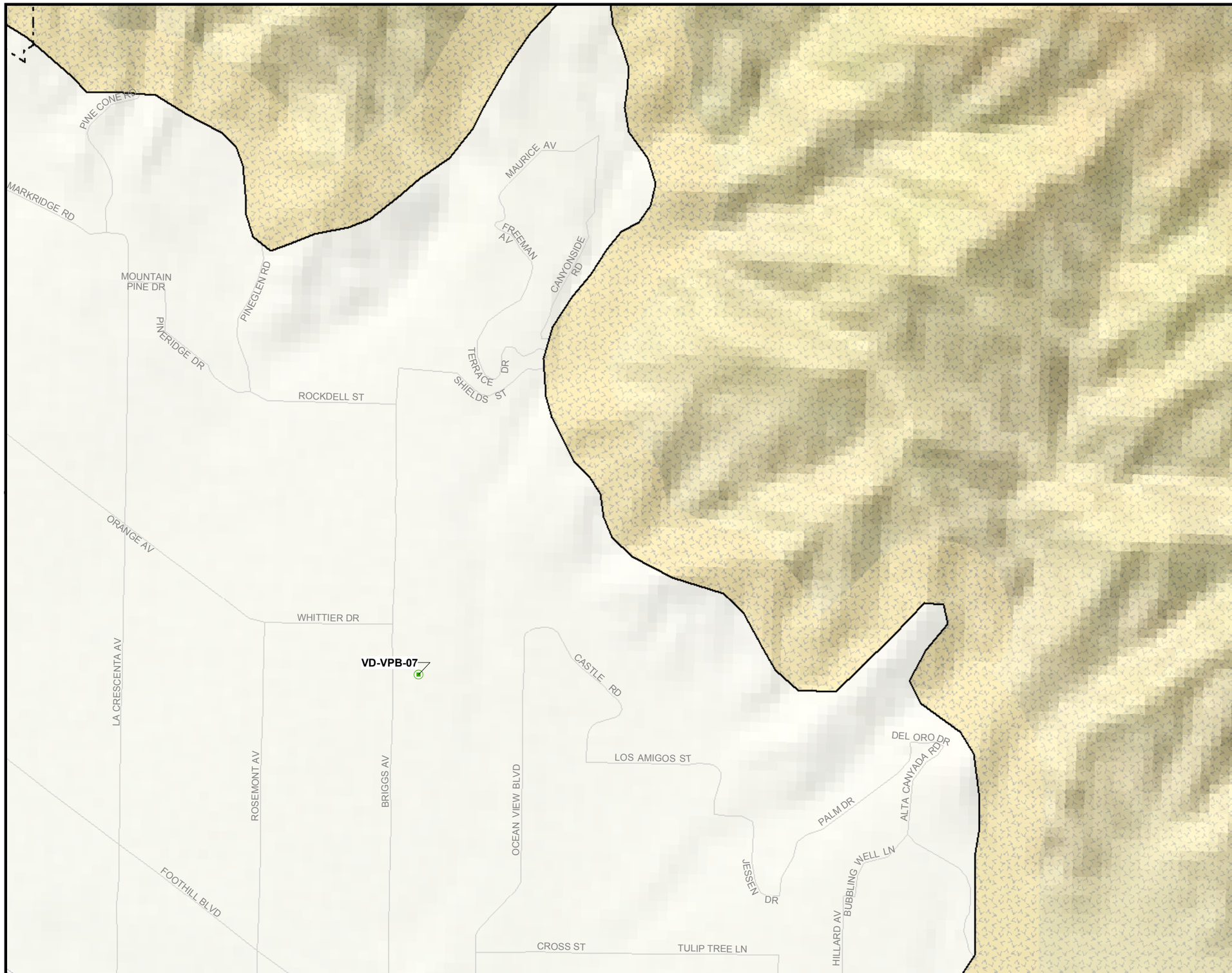

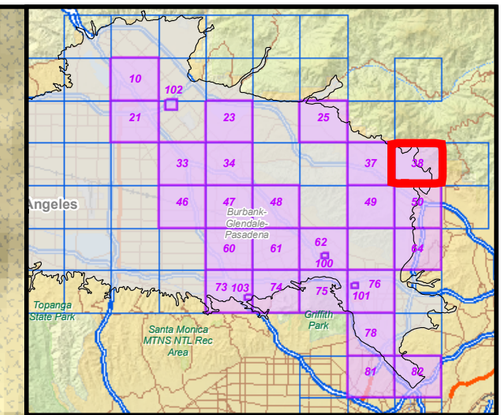

LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and TCE available only

N

0 500 1,000 2,000
Feet

PLATE 38

TCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

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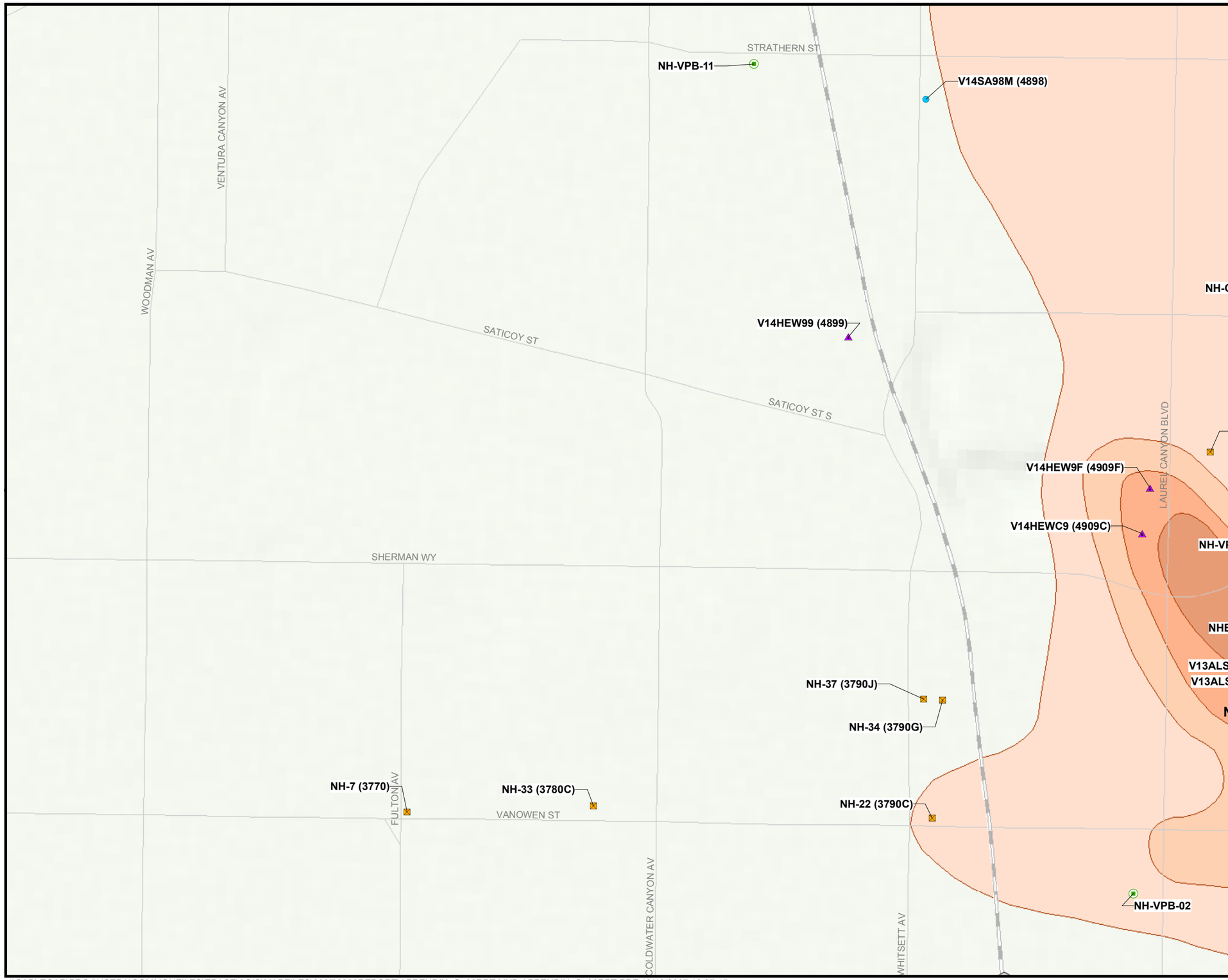

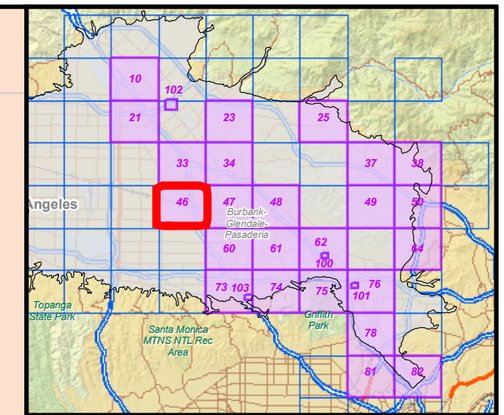

LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and TCE available only

N

0 500 1,000 2,000
Feet

PLATE 46

TCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

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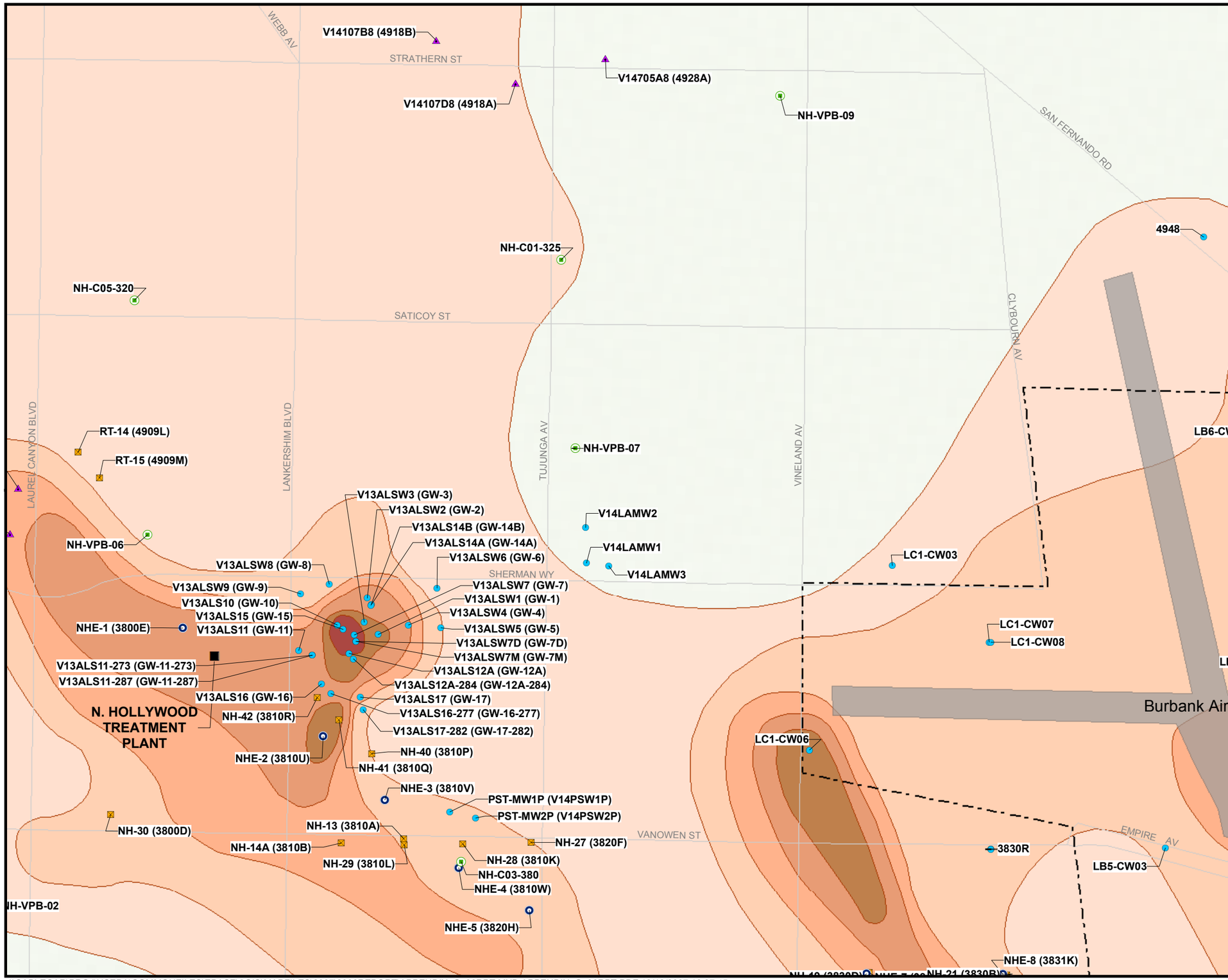

LOCATION MAP

LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and TCE available only

N

0 500 1,000 2,000
Feet

PLATE 47

TCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

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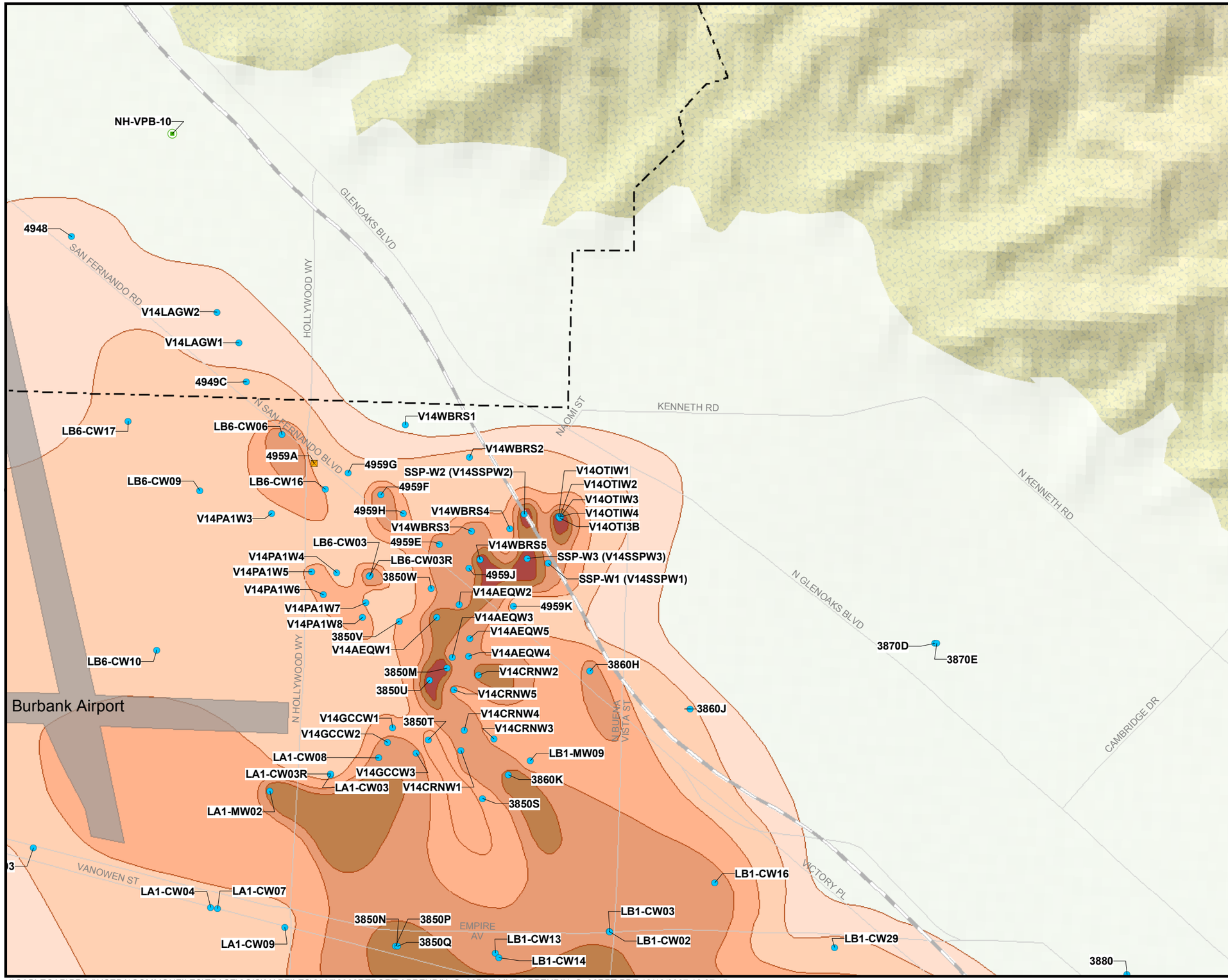

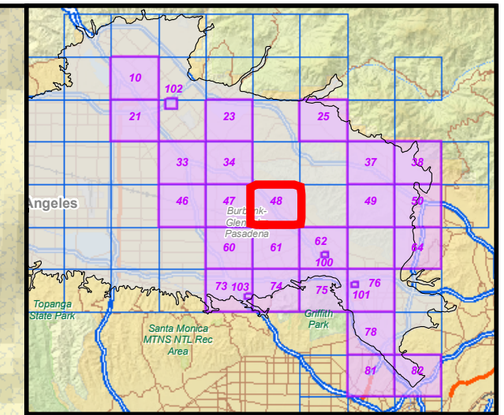

LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and TCE available only

N

0 500 1,000 2,000
Feet

PLATE 48

TCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

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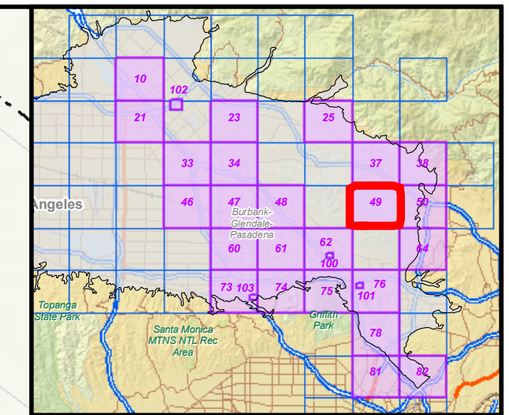


LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and TCE available only

N

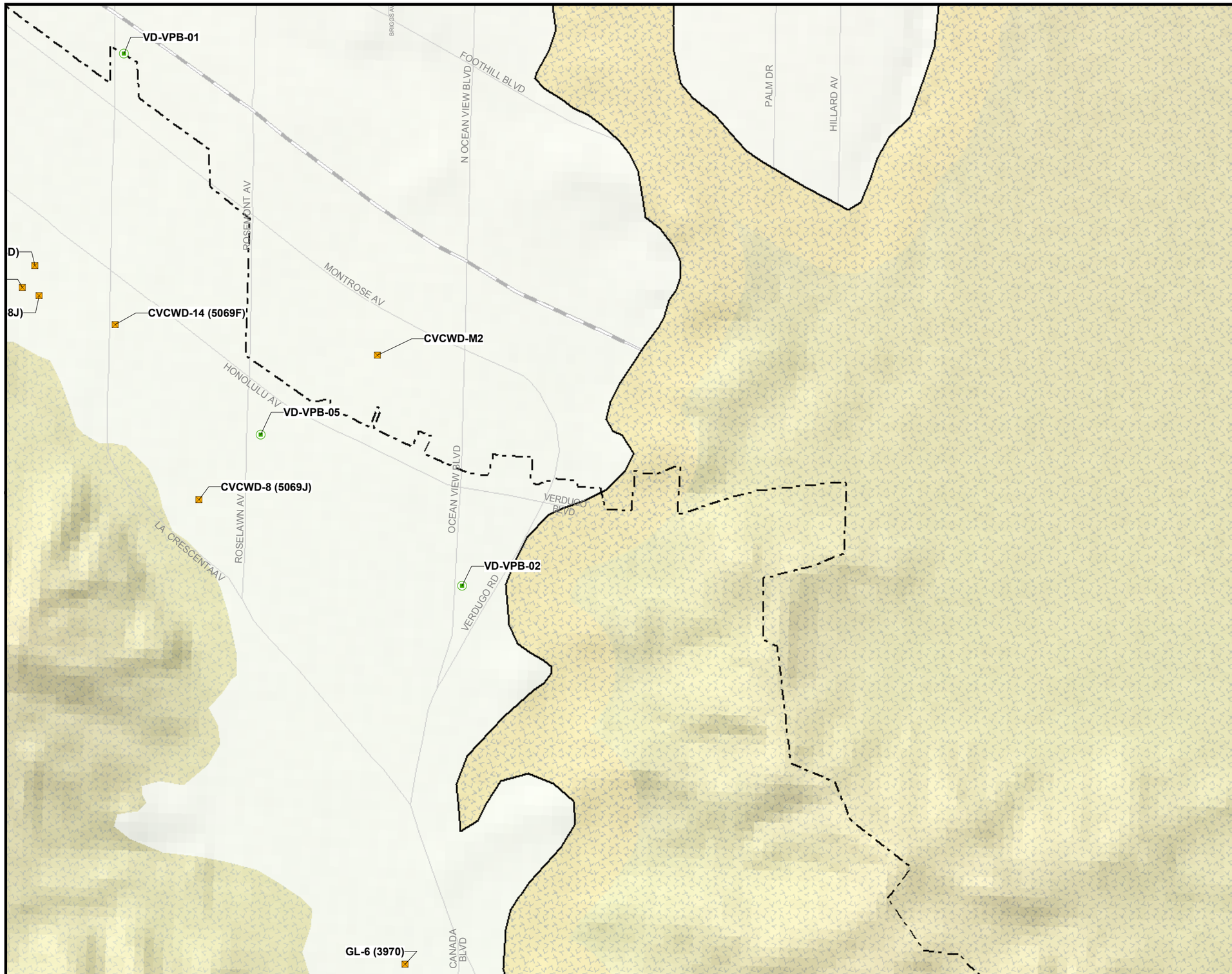
0 500 1,000 2,000
Feet

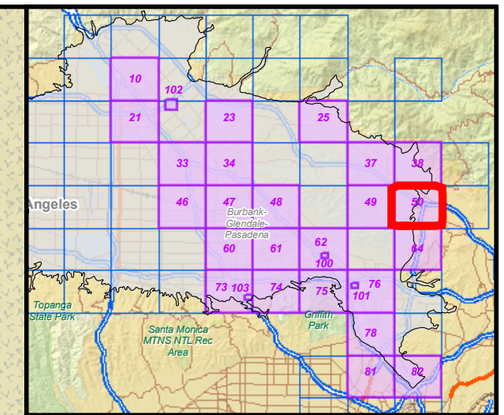
PLATE 49

TCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL





LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and TCE available only

N

0 500 1,000 2,000
Feet

PLATE 50

TCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

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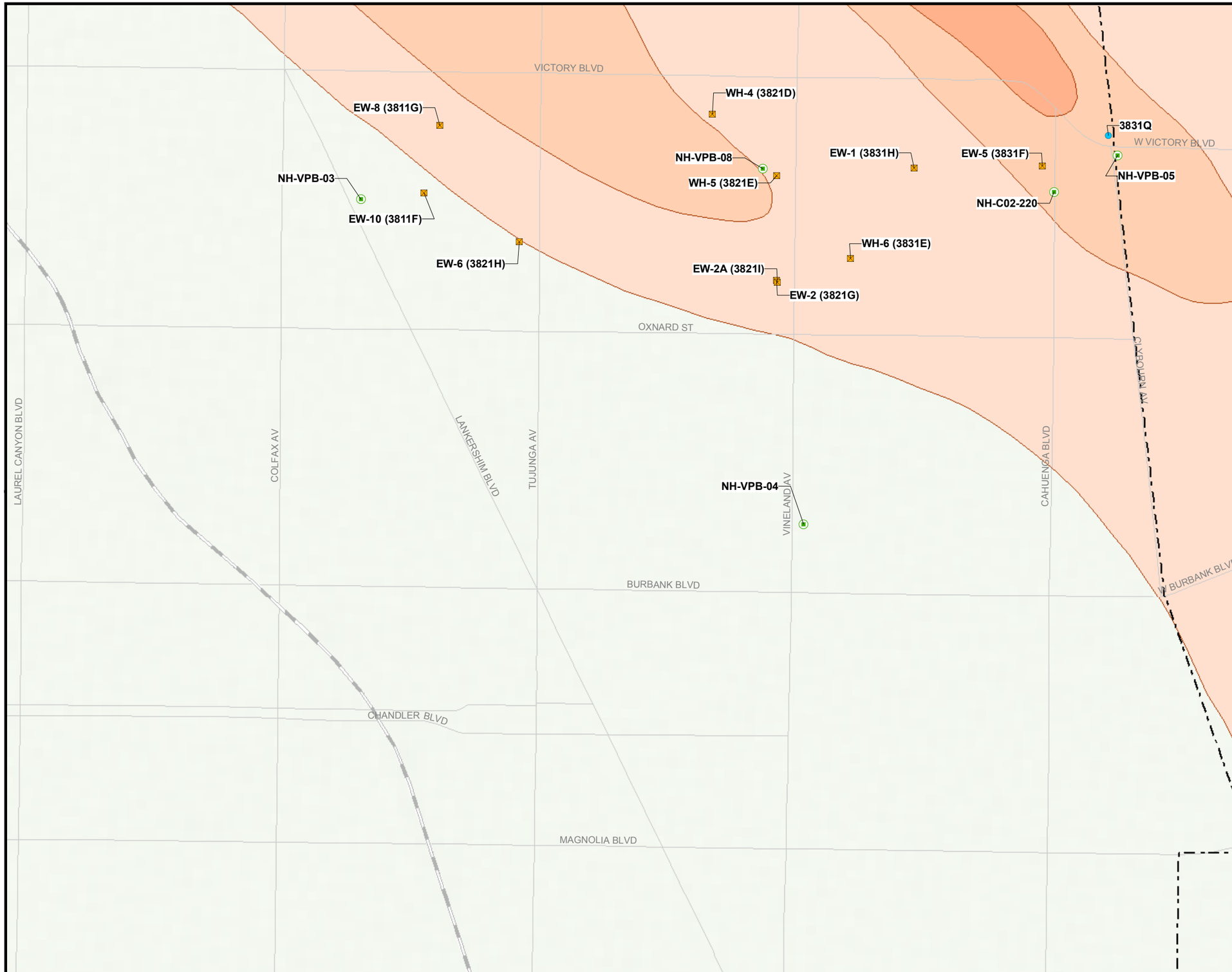

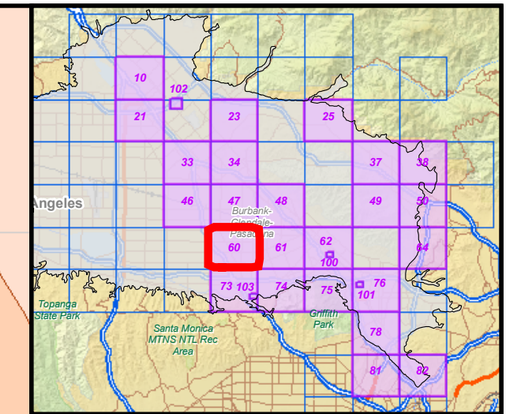

LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and TCE available only

N

0 500 1,000 2,000
Feet

PLATE 60

TCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

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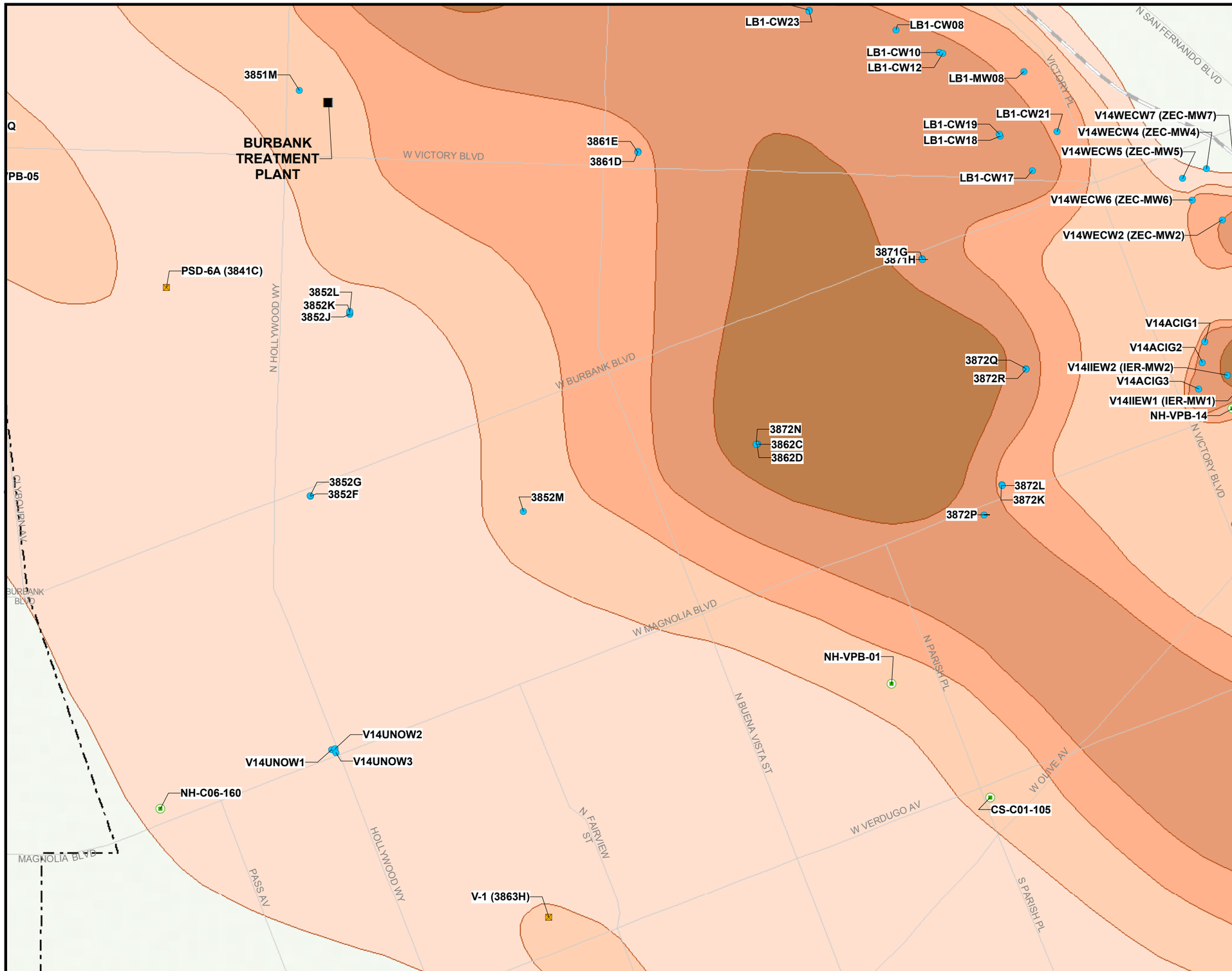

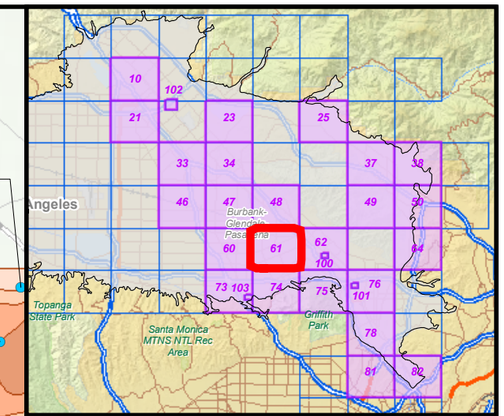

LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and TCE available only

N

0 500 1,000 2,000
Feet

PLATE 61

TCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

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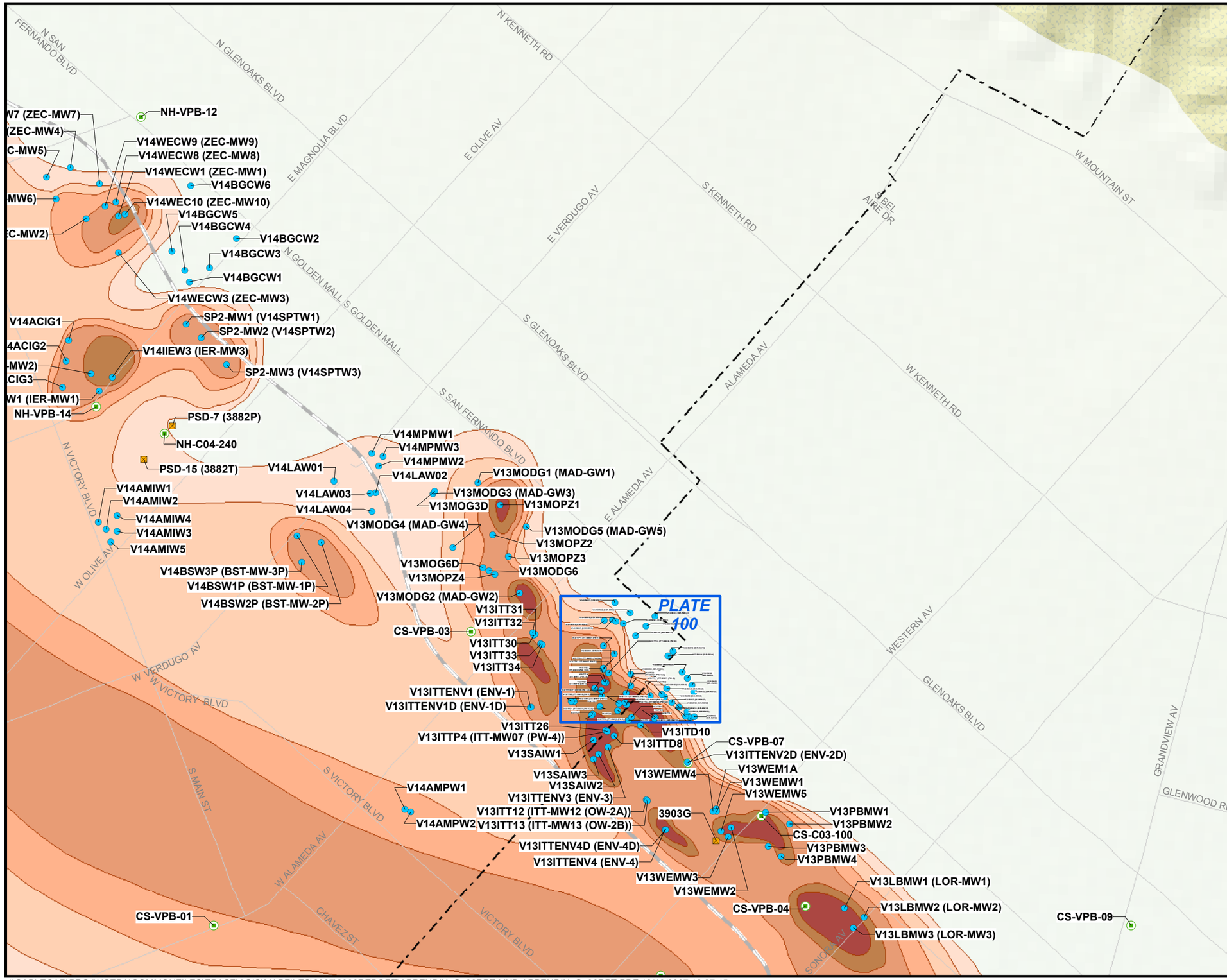

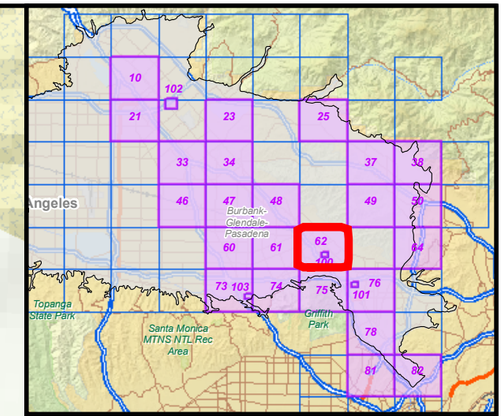

LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and TCE available only

N

0 500 1,000 2,000
Feet

PLATE 62

TCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

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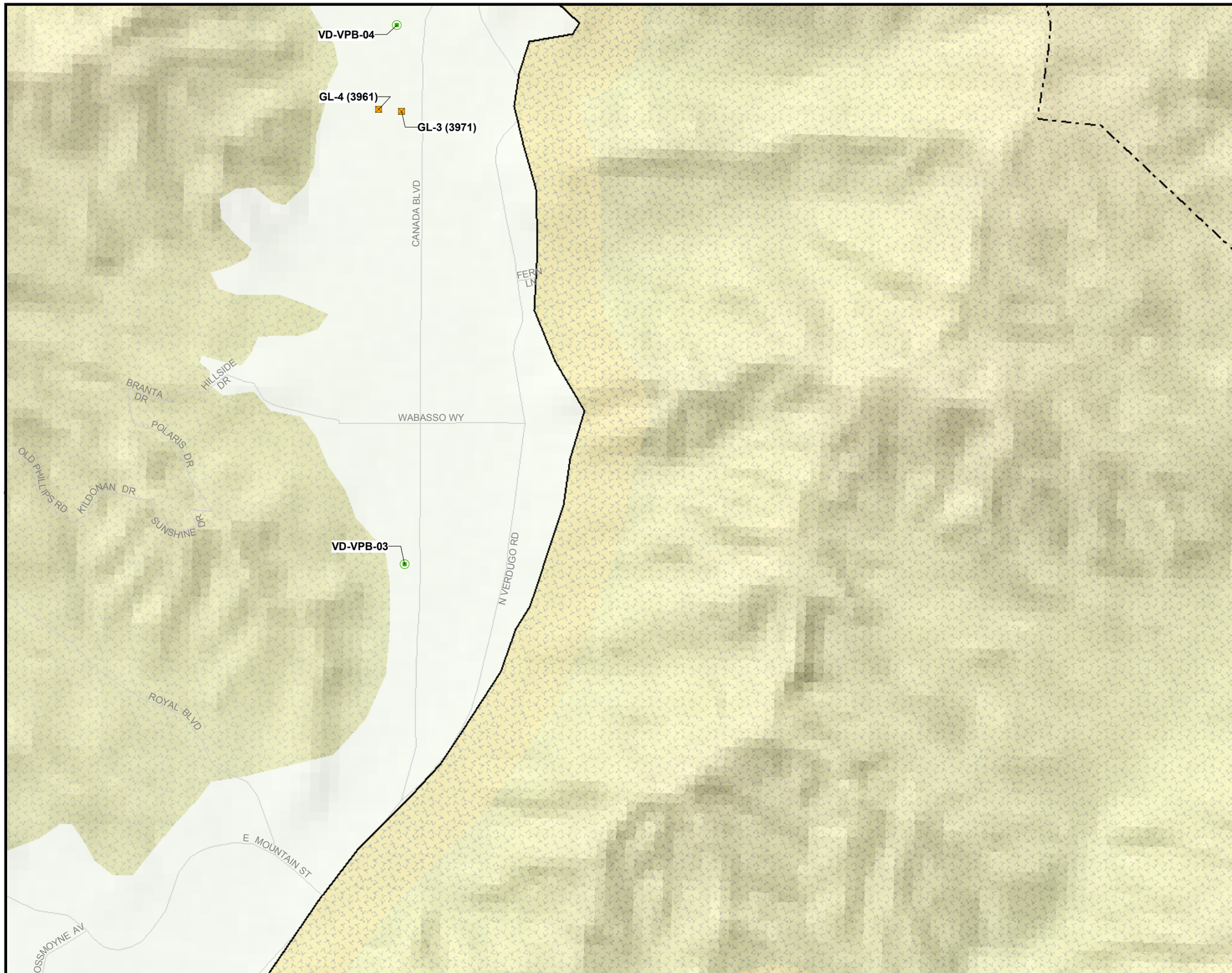

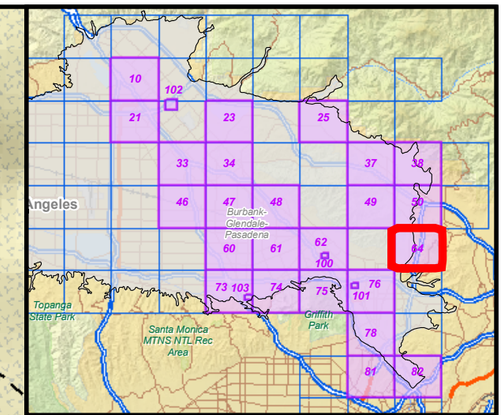

LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and TCE available only

N

0 500 1,000 2,000
Feet

PLATE 64

TCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

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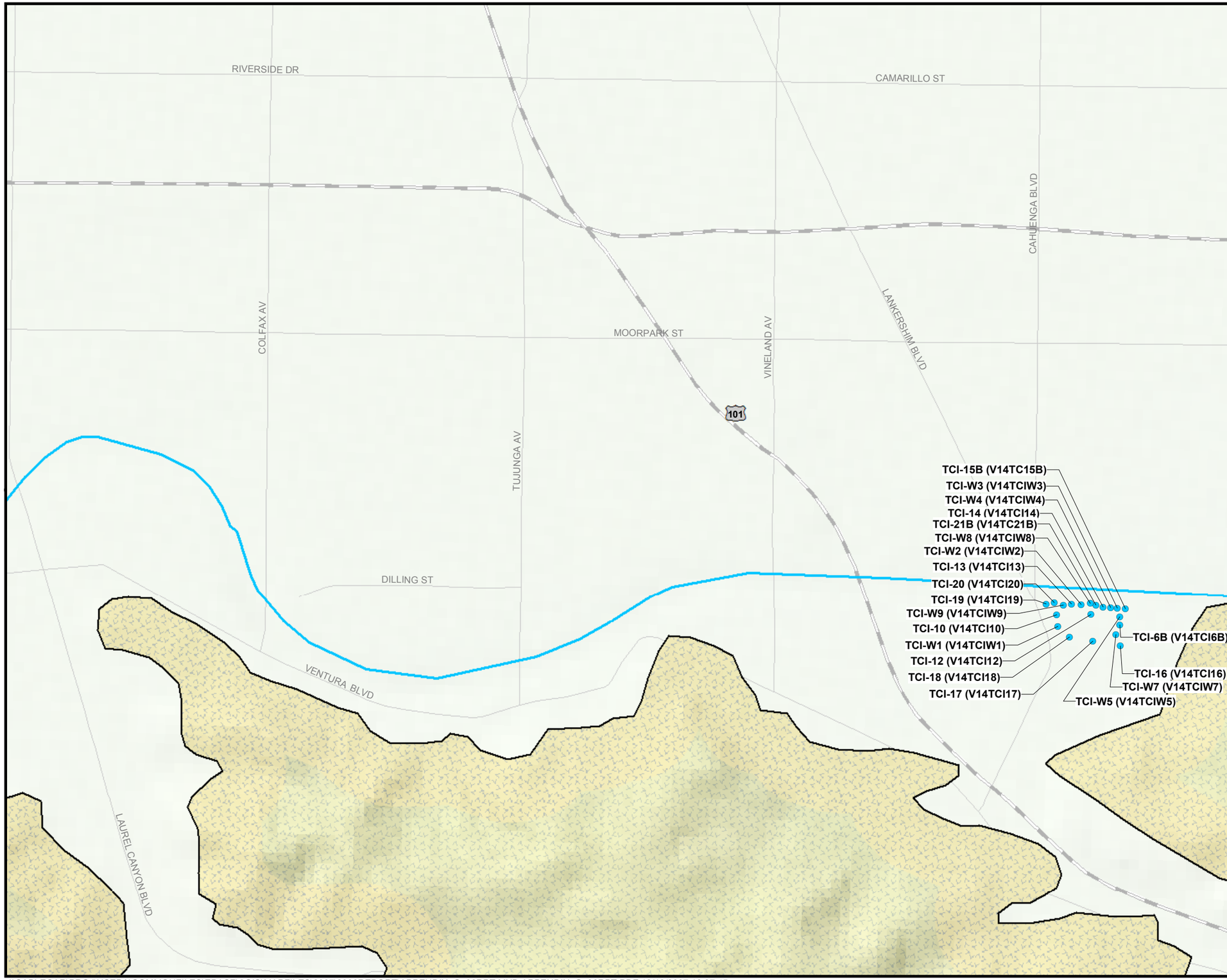
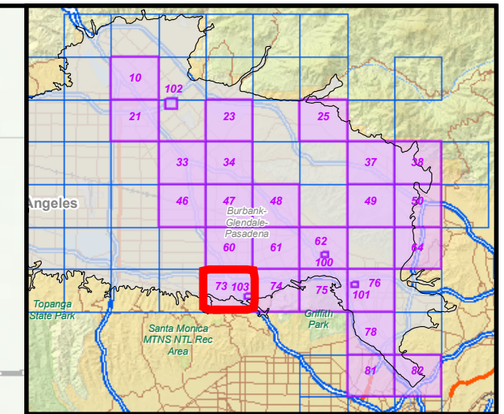




LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and TCE available only

N

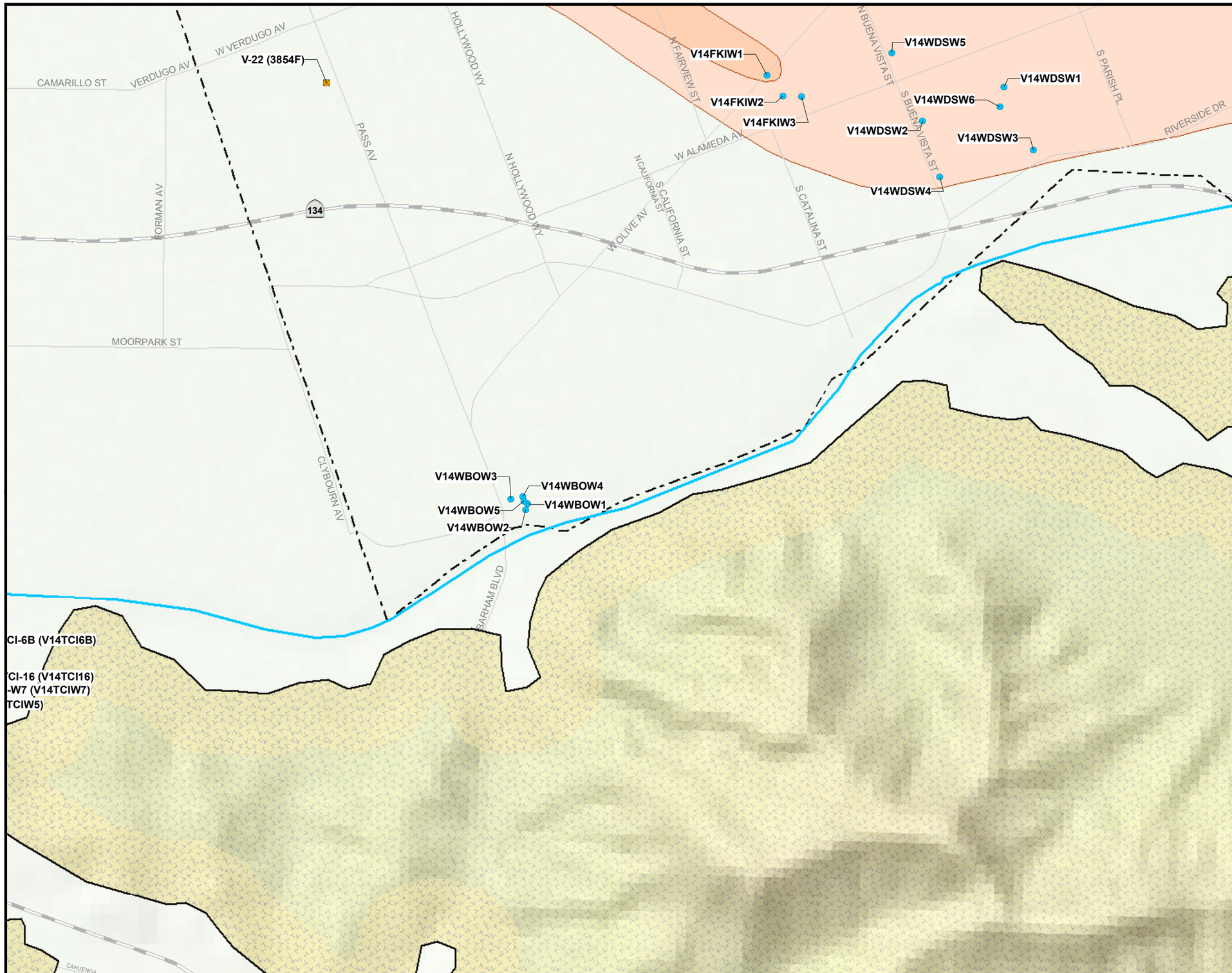
0 500 1,000 2,000
Feet

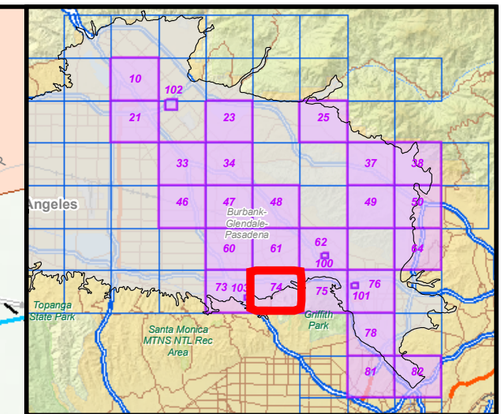
PLATE 73

TCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL





LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and TCE available only

N

0 500 1,000 2,000
Feet

PLATE 74

TCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

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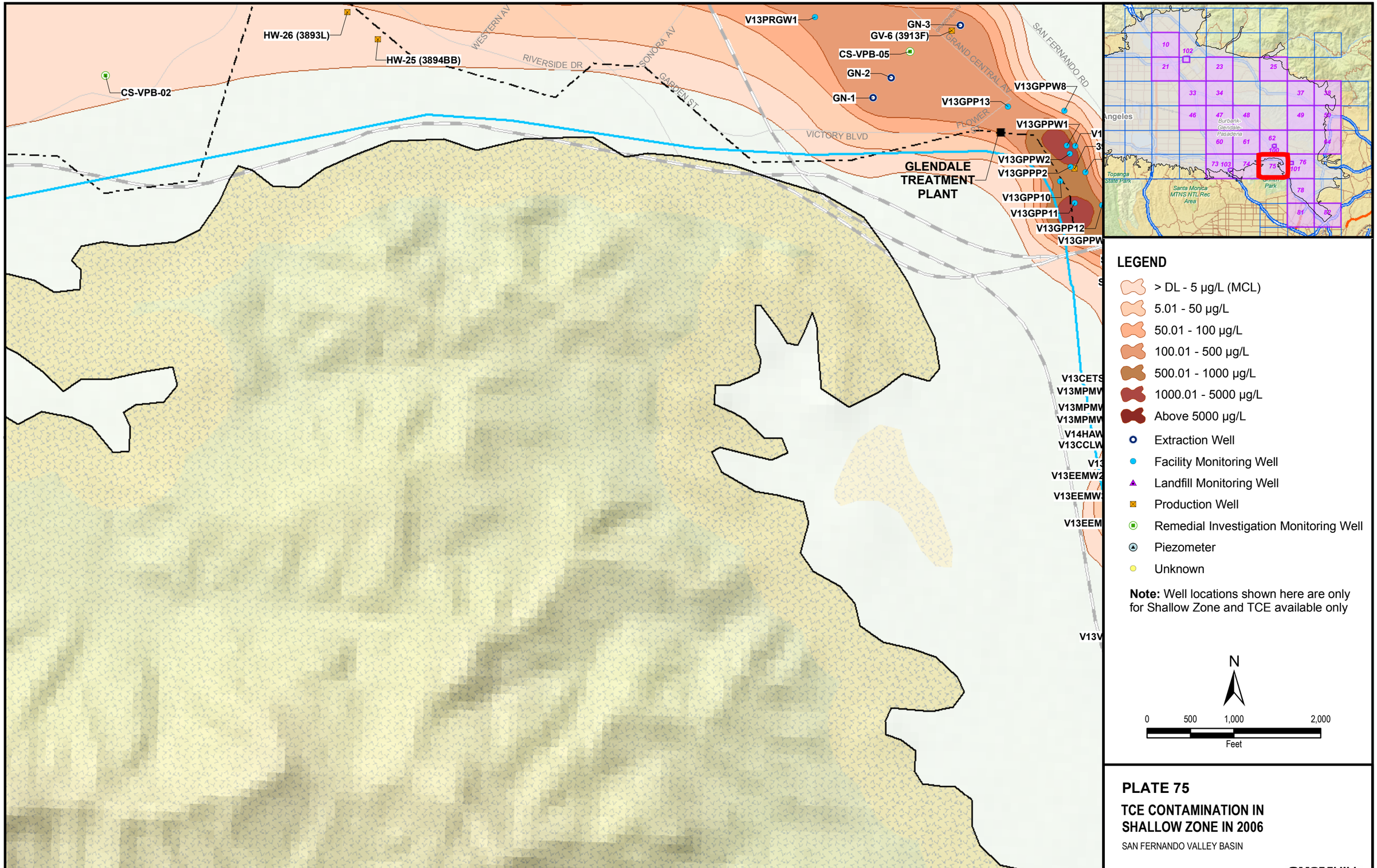

PLATE 75

TCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

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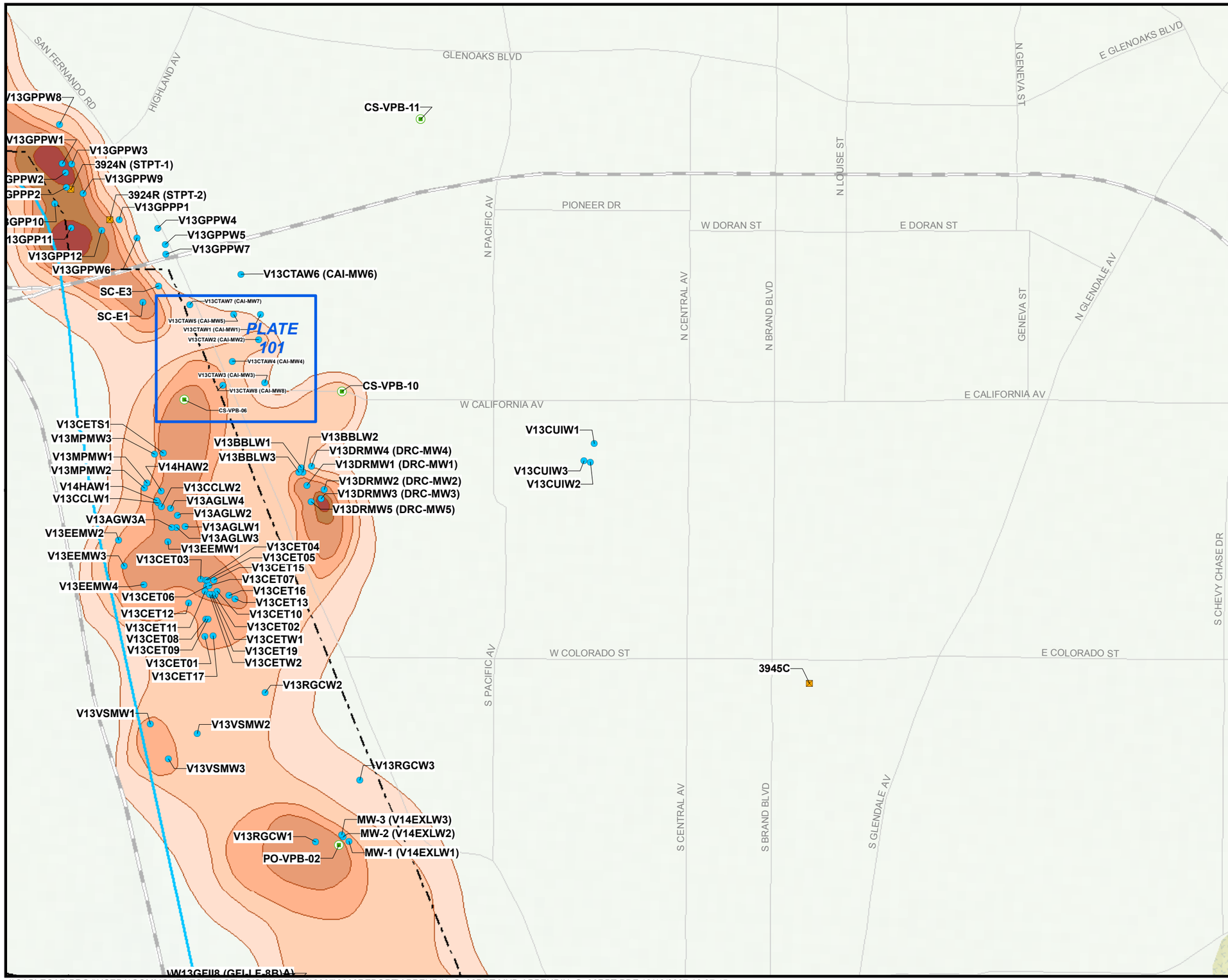

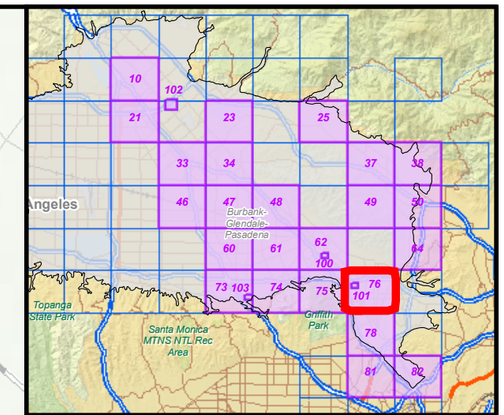

LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and TCE available only

N

0 500 1,000 2,000
Feet

PLATE 76

TCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

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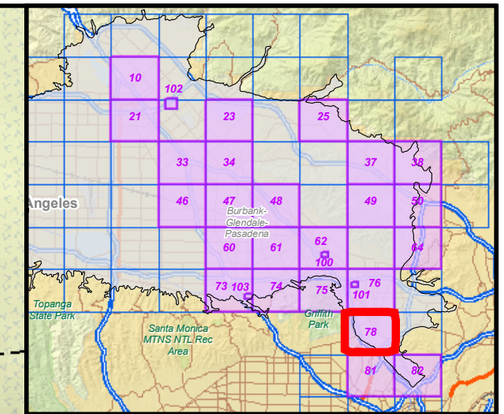
W13GFS14 (GFI-LF-14A)
W13GFS18 (GFI-LF-18A)
W13GFE16 (GFI-LF-16A)
W13GFE15 (GFI-LF-15A)
W13GFS17 (GFI-LF-17A)
FCI-OW5
FCI-WCW4
FCI-WCW11
FCI-HMW1
FCI-OW2
FCI-OW3
W13WWMW1
W13WWMW3
W13WWMW2
V13ASSW3 (ARCO-MW3)
V13ASSW1 (ARCO-MW1)
V13ASSW4 (ARCO-MW4)
PO-C02-053
PO-VPB-01
PO-VPB-03
PO-VPB-05
PO-VPB-07
W13AERW3
W13AERW2
W13AERW1
W13VDKW1
W13VDKW3
W13VDKW2
W-4 (TAYLORW4)
W-33 (TAYLORW33)
P-7 (3958J)
W-14C (TAYLORW14C)
3958G (Edwards 8")
W-14A (TAYLORW14A)
W-14B (TAYLORW14B)
P-4 (3959E)
W-36 (TAYLORW36)
W-16 (TAYLORW16)
W-8 (TAYLORW8)
W-34 (TAYLORW34)
POLLOCK TREATMENT PLANT
E LOS FELIZ RD
S CENTRAL AV
SAN FERNANDO RD
S BRAND BLVD
S GLENDALE AV
LOS FELIZ BLVD
EDENHURST AV
GLENDALE BLVD
LACLEDE AV
ESTARA AV
HYPERION
HOLLYDALE DR
SILVER LAKE BLVD
FLETCHER DR
N SAN FERNANDO RD



LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and TCE available only

N

0 500 1,000 2,000
Feet

PLATE 78

TCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

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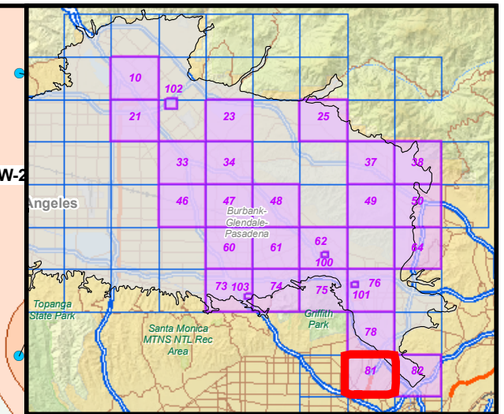

LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and TCE available only

N

0 500 1,000 2,000
Feet

PLATE 81

TCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

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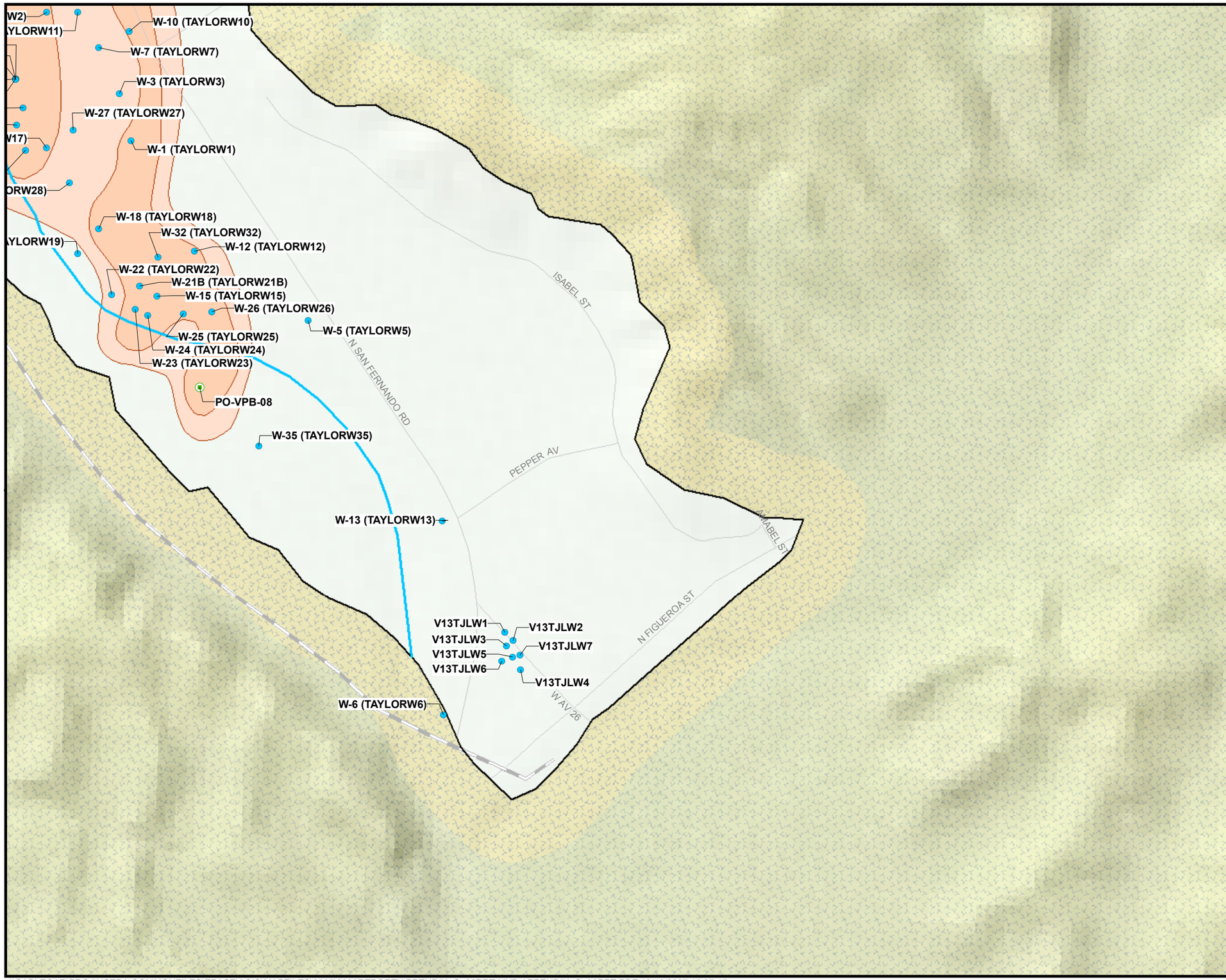

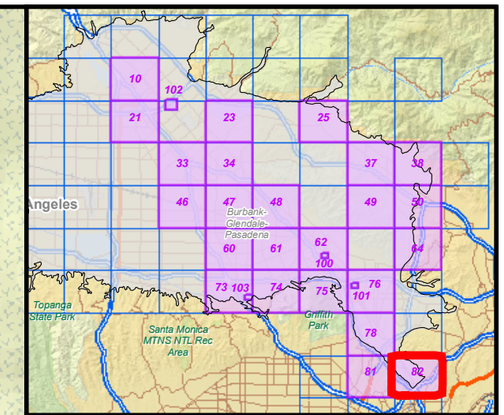

LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and TCE available only

N

0 500 1,000 2,000
Feet

PLATE 82

TCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

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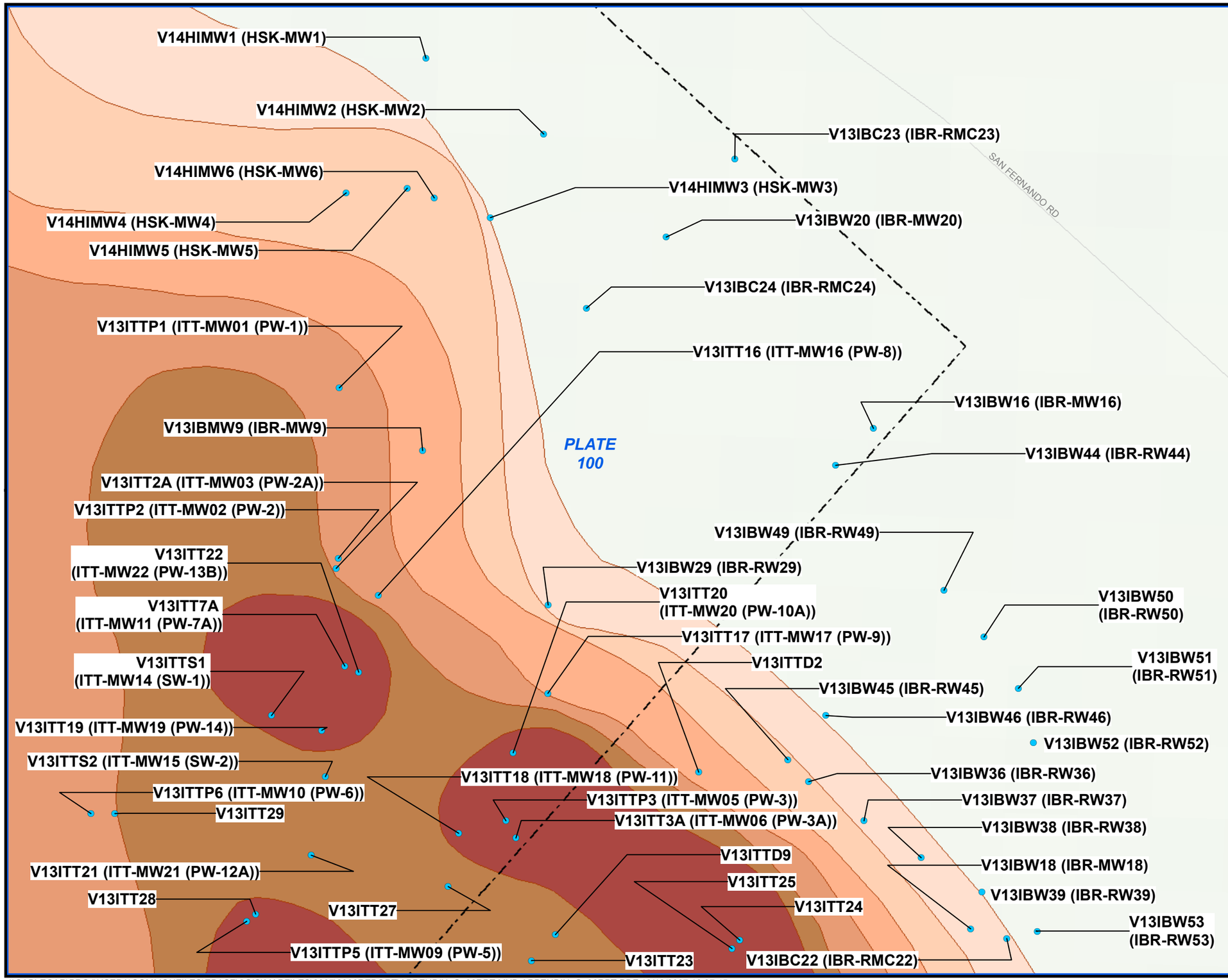

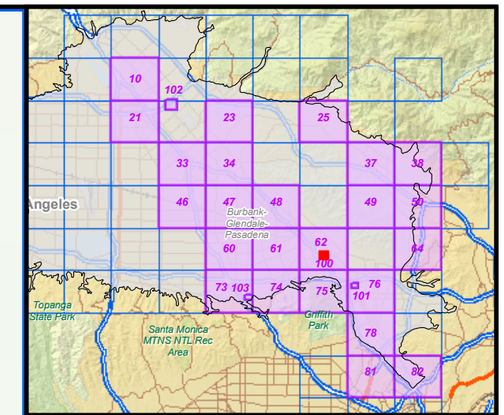

LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and TCE available only

N

0 65 130 260
Feet

PLATE 100

TCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

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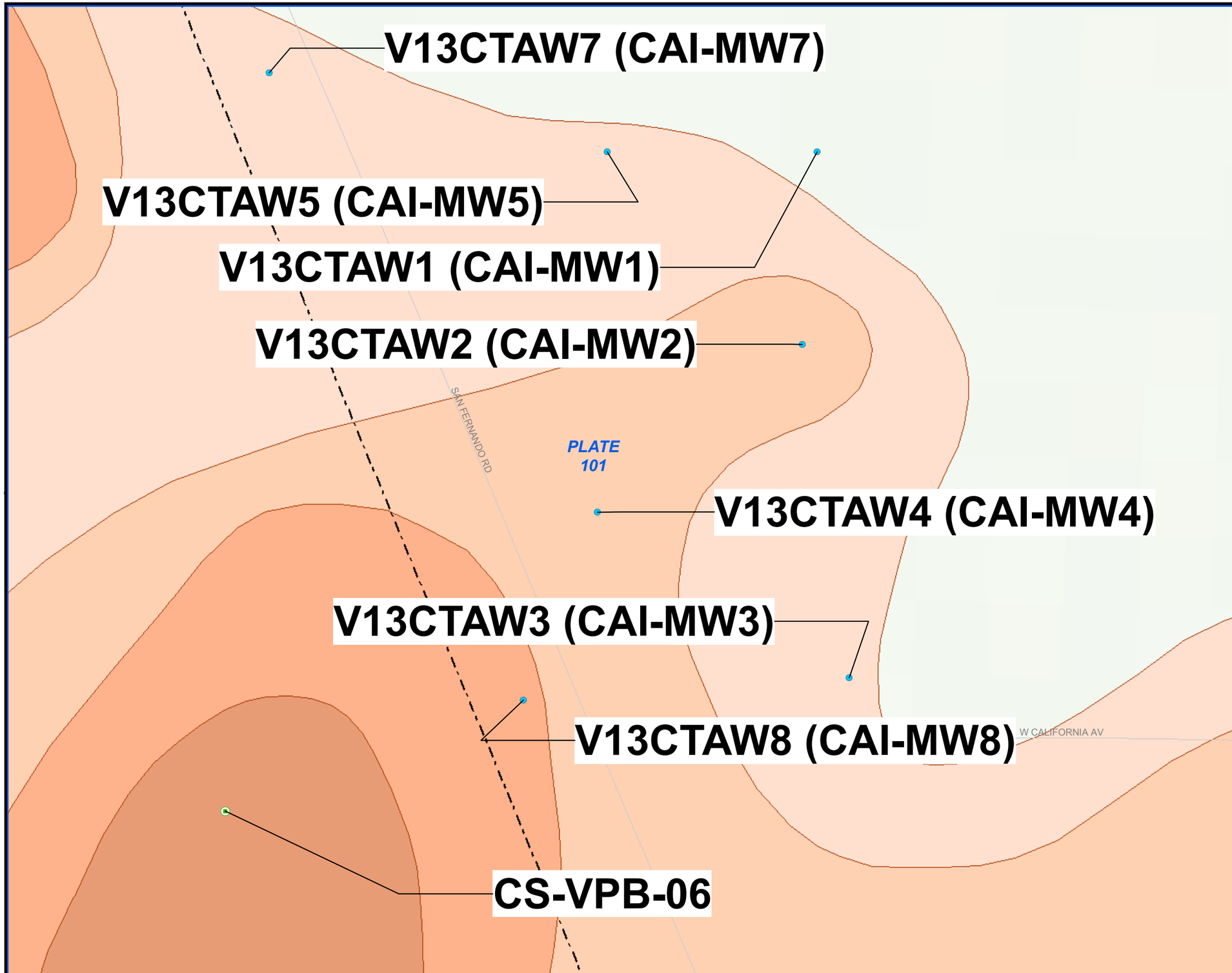

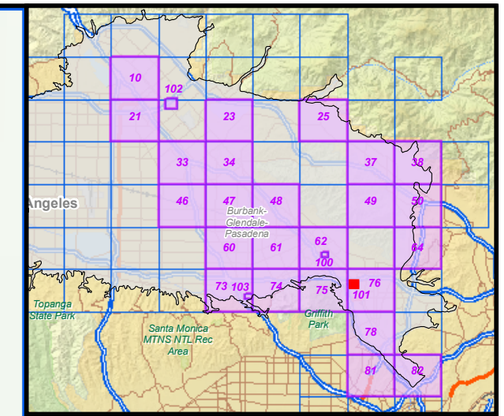

LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and TCE available only

N

0 65 130 260
Feet

PLATE 101

TCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

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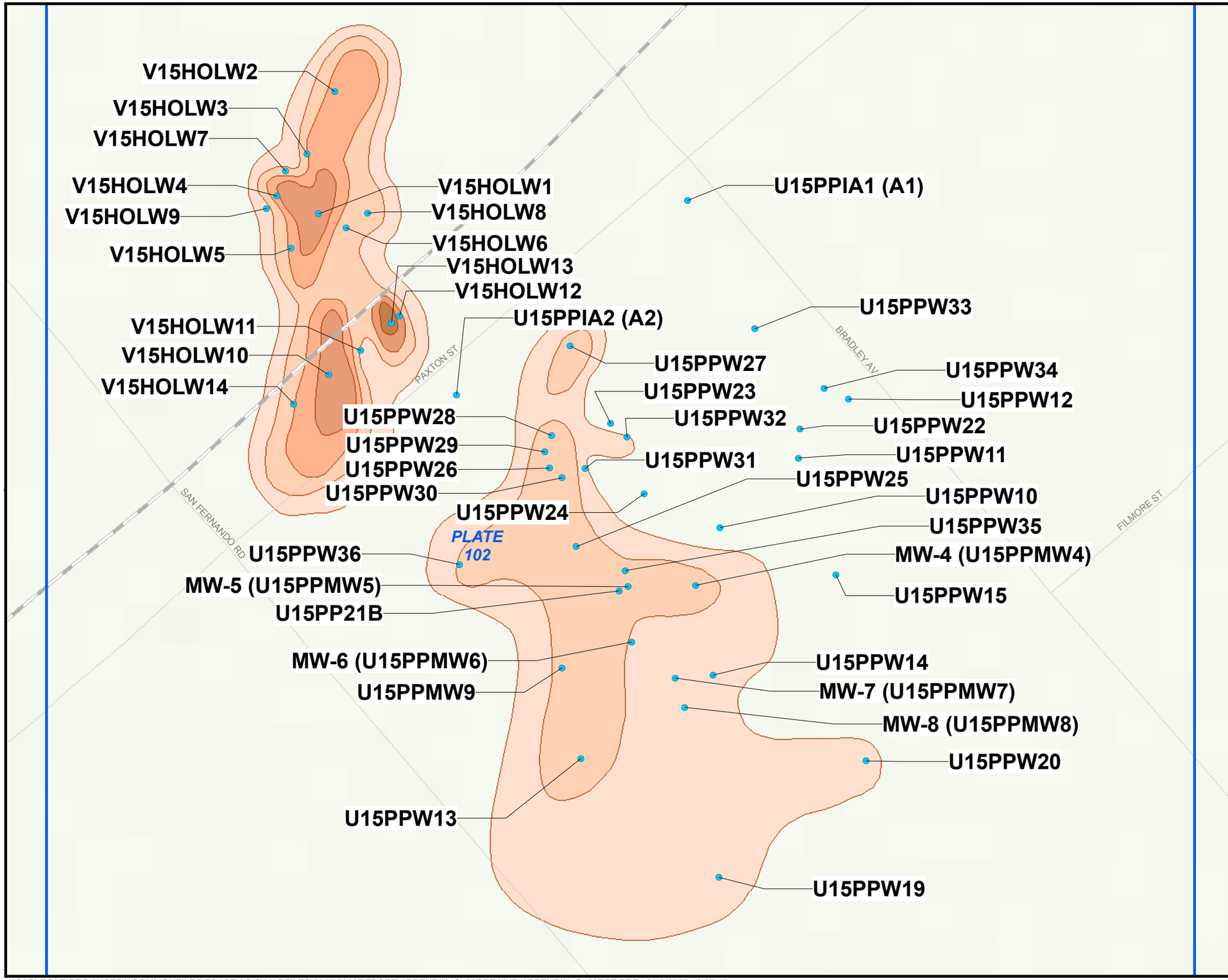

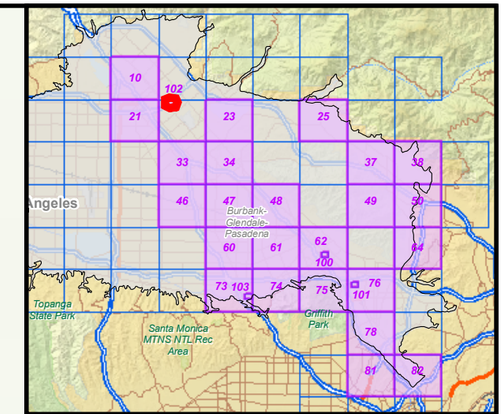

LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and TCE available only

N

0 125 250 500
Feet

PLATE 102

TCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

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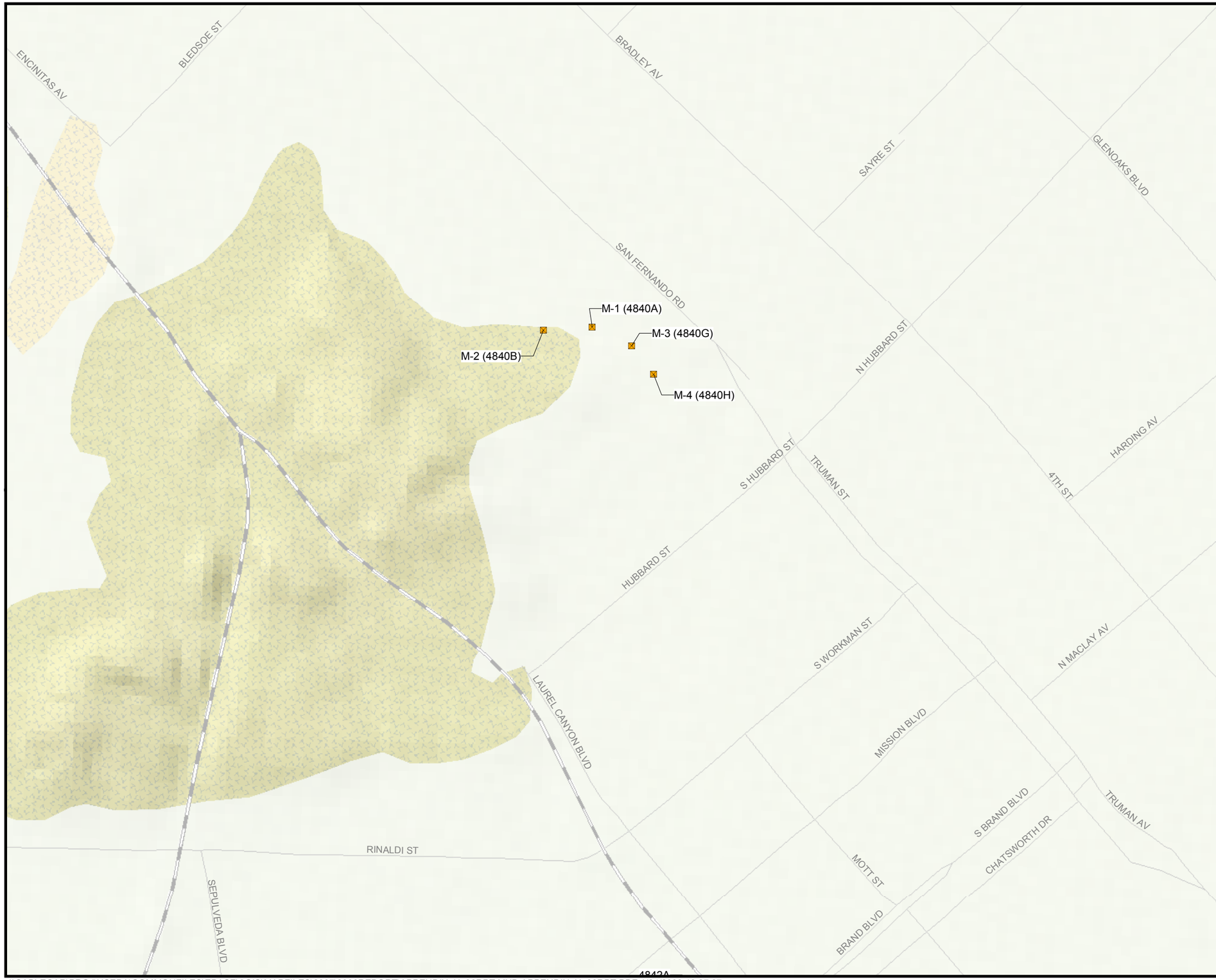
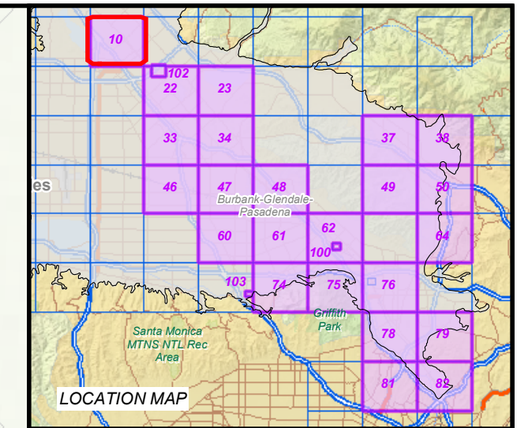
Appendix G
PCE Contamination in Shallow Zone in 2006





LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and PCE available only

N

0 475 950 1,900
Feet

PLATE 10

PCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

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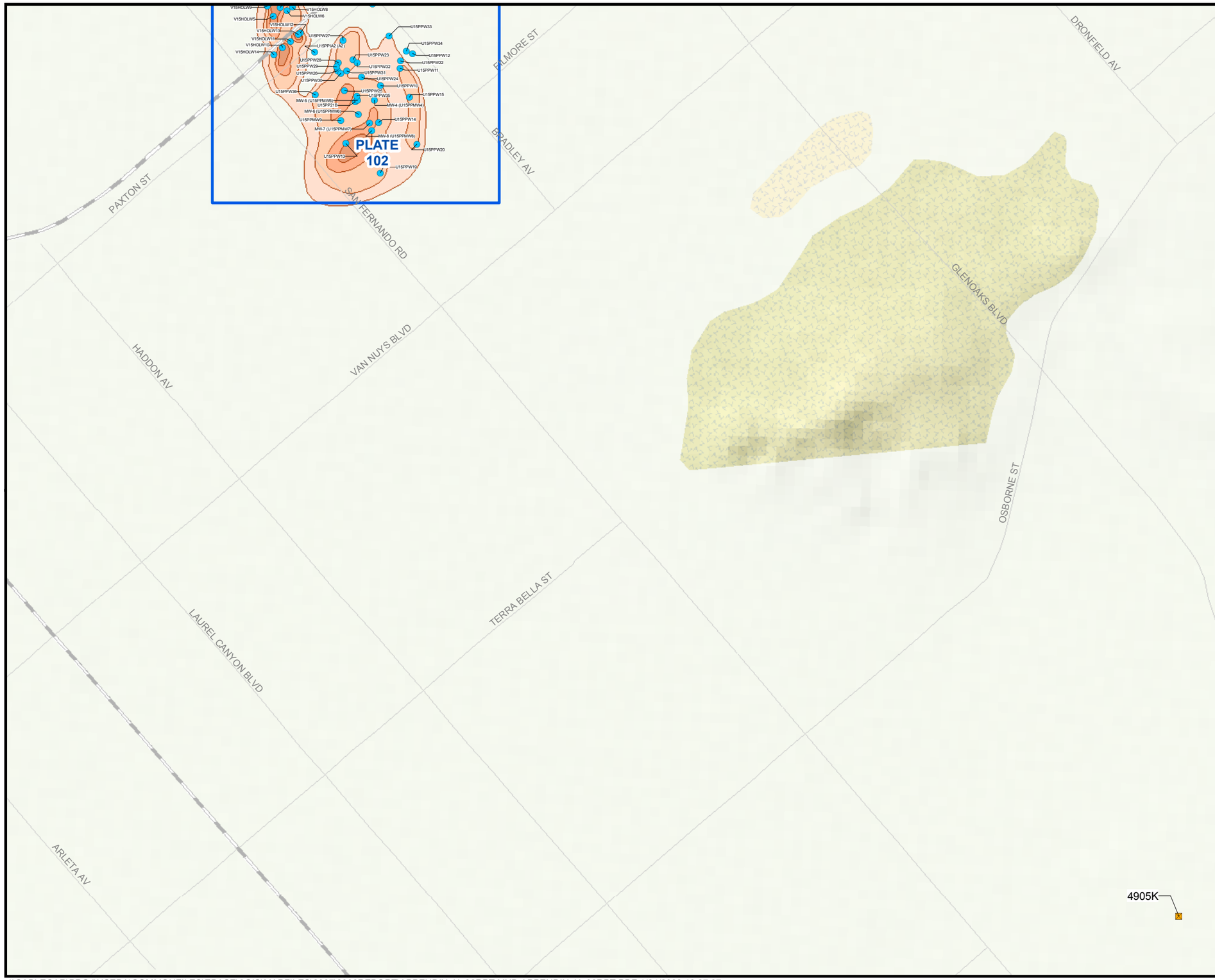

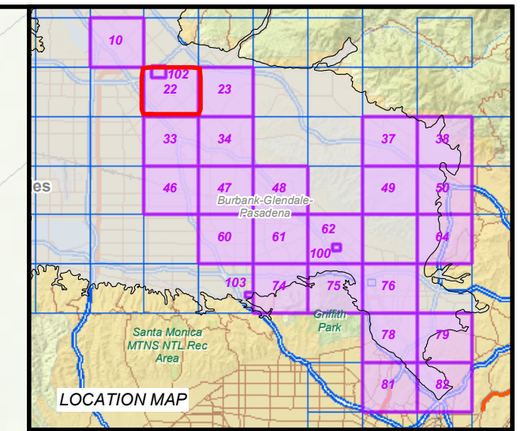

LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and PCE available only

N

0 475 950 1,900
Feet

PLATE 22

PCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

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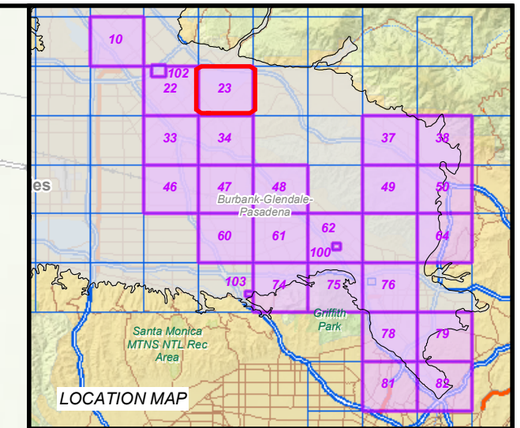


LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and PCE available only

N

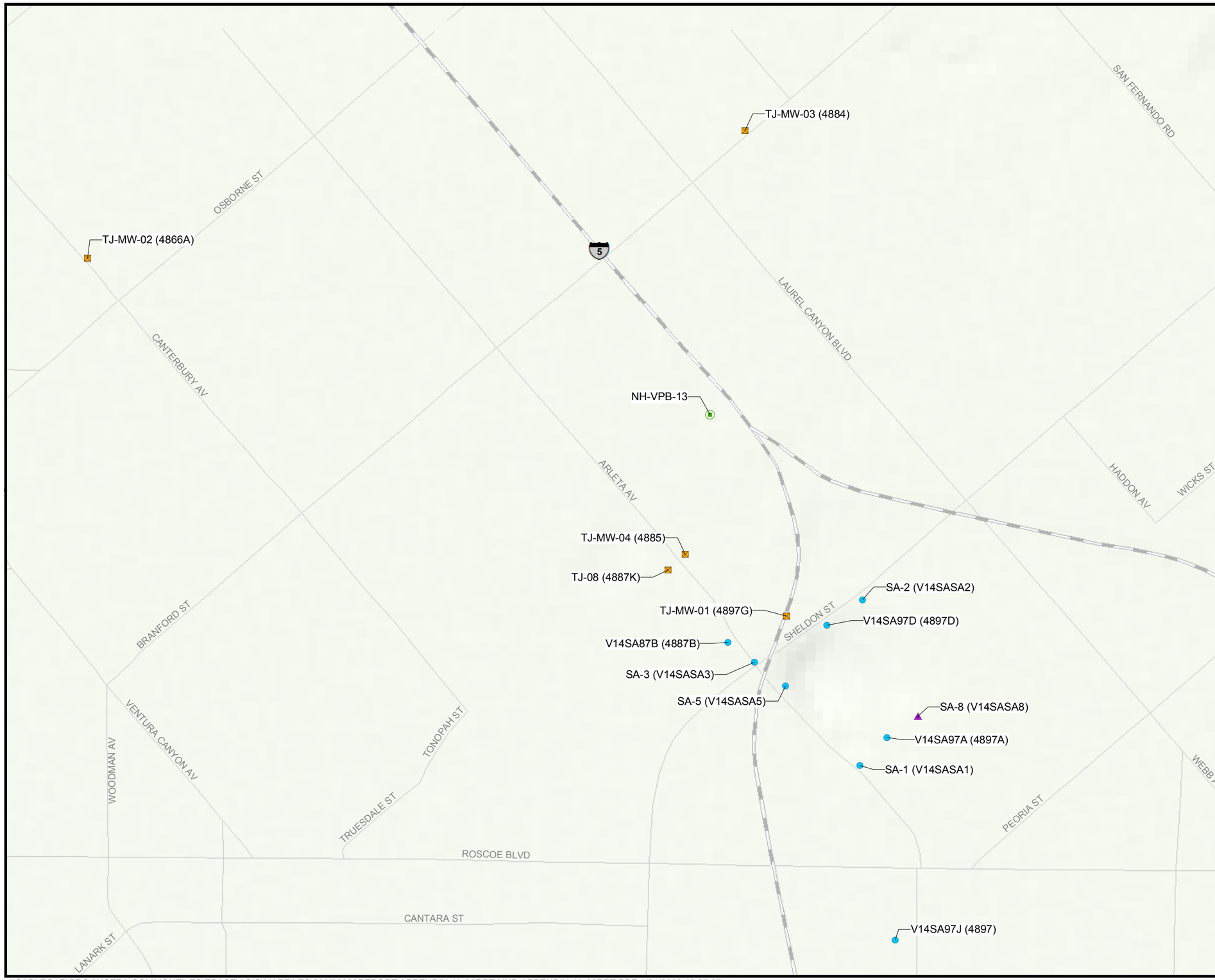
0 475 950 1,900
Feet

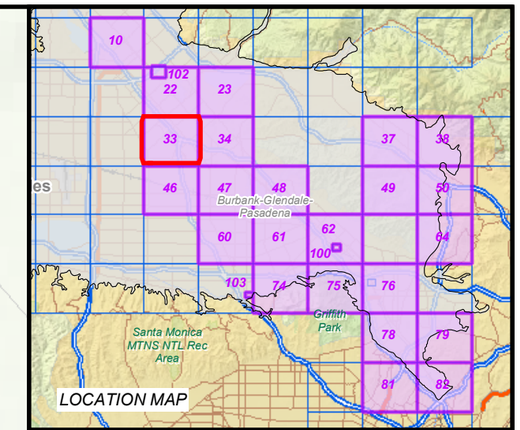
PLATE 23

PCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL





LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and PCE available only

N

0 475 950 1,900
Feet

PLATE 33

PCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

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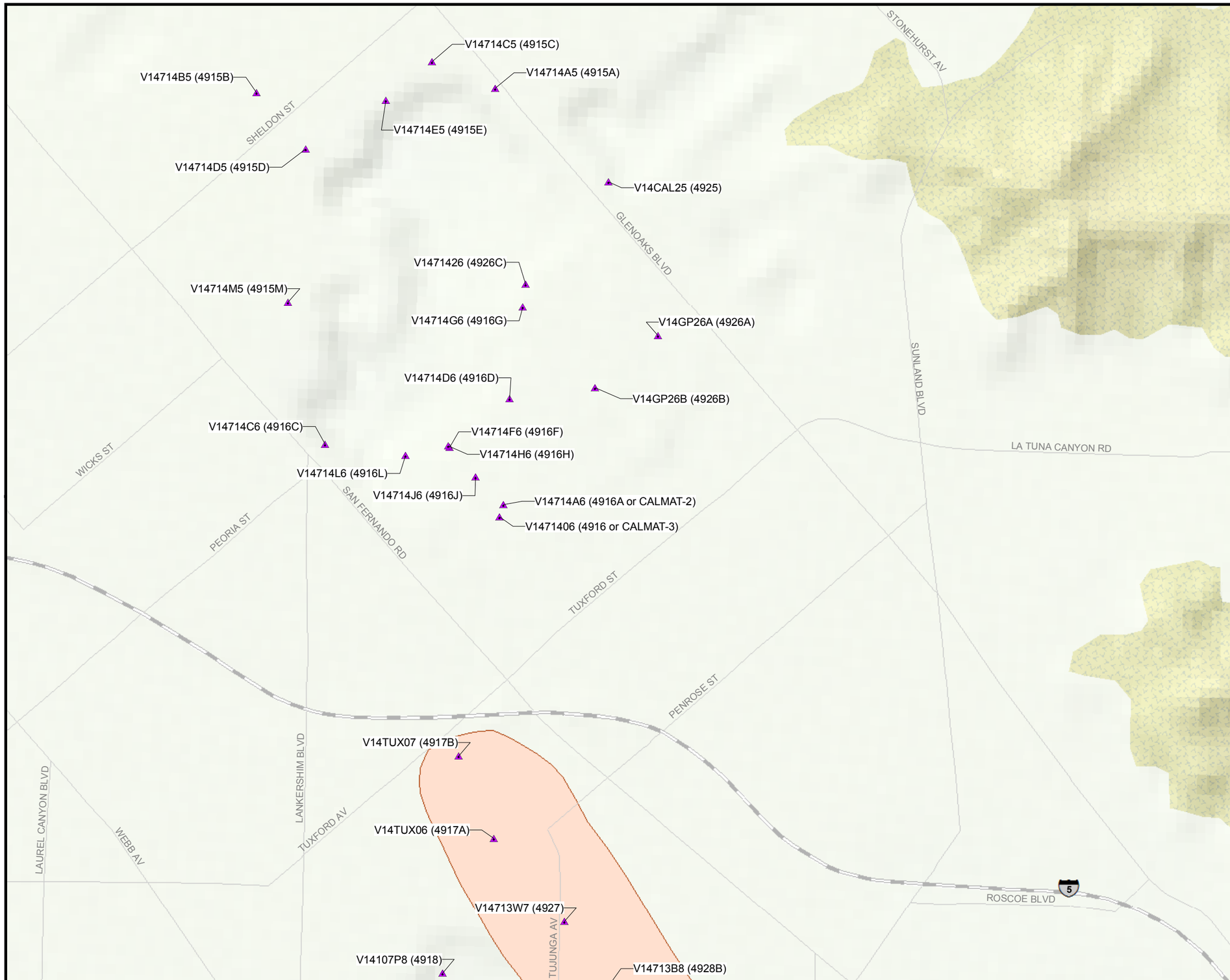

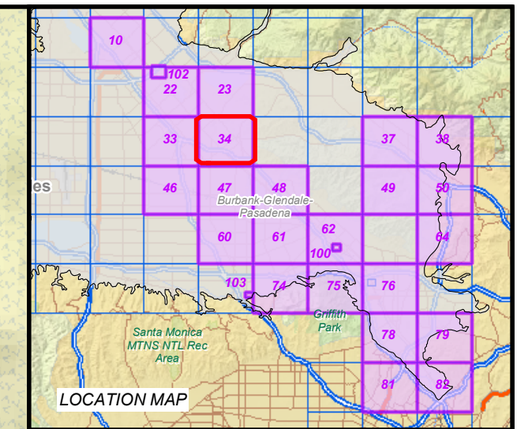

LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and PCE available only

N

0 475 950 1,900
Feet

PLATE 34

PCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

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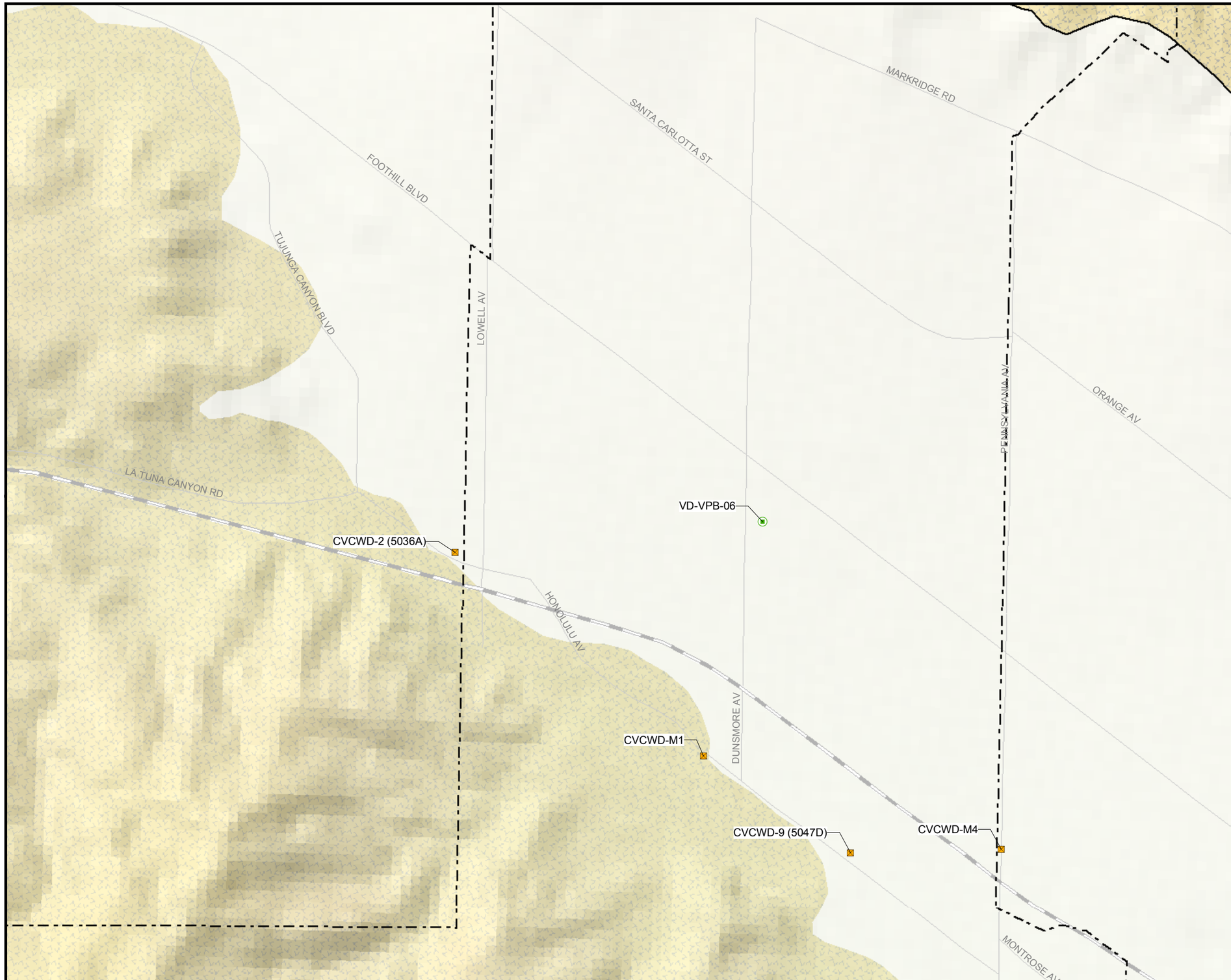

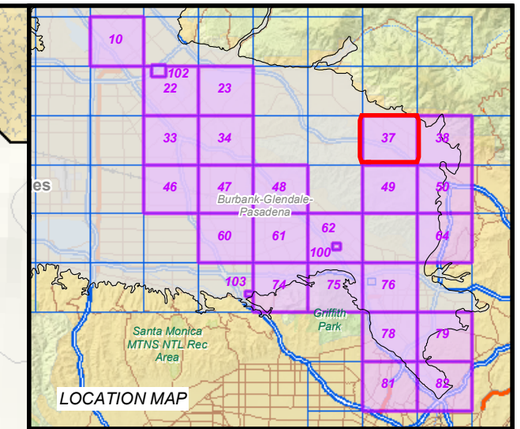

LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and PCE available only

N

0 475 950 1,900
Feet

PLATE 37

PCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

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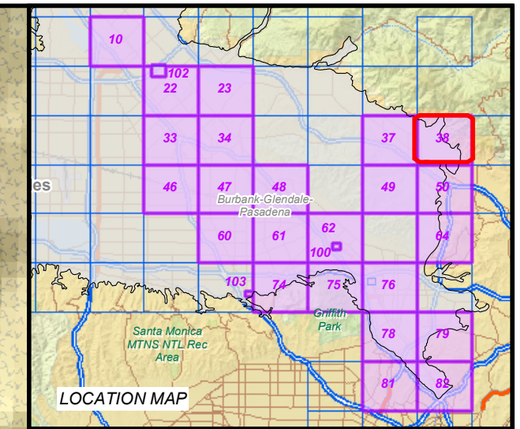

LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and PCE available only

N

0 475 950 1,900
Feet

PLATE 38

PCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

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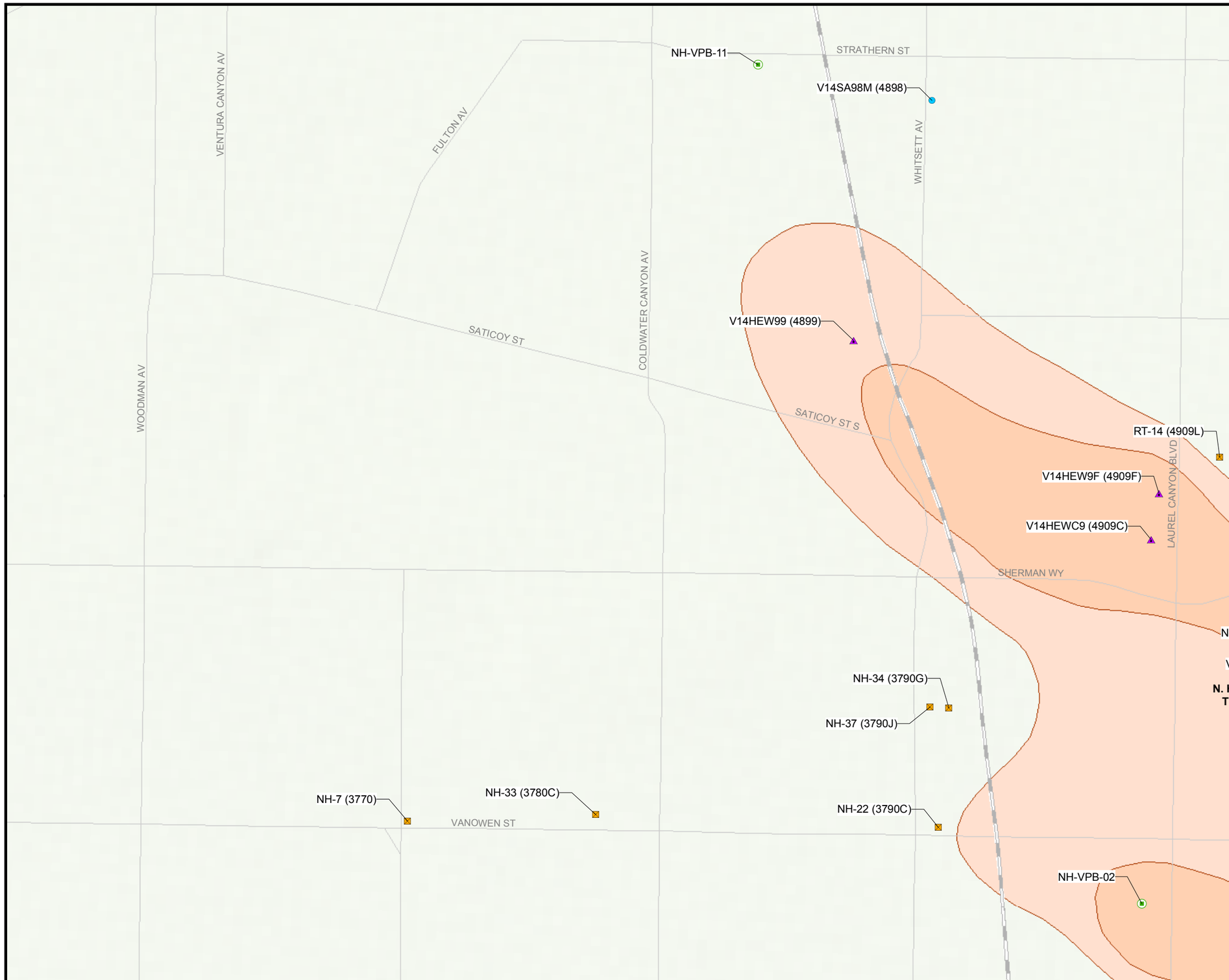

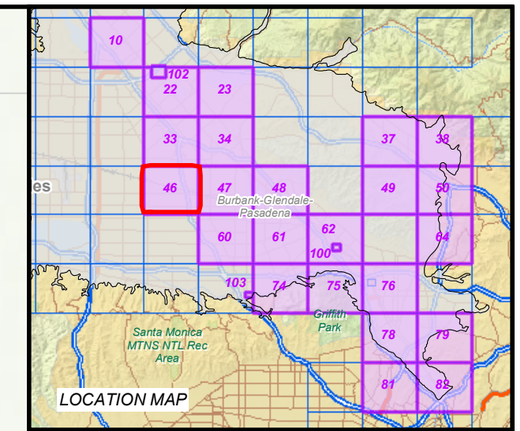

LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and PCE available only

N

0 475 950 1,900

Feet

PLATE 46

PCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

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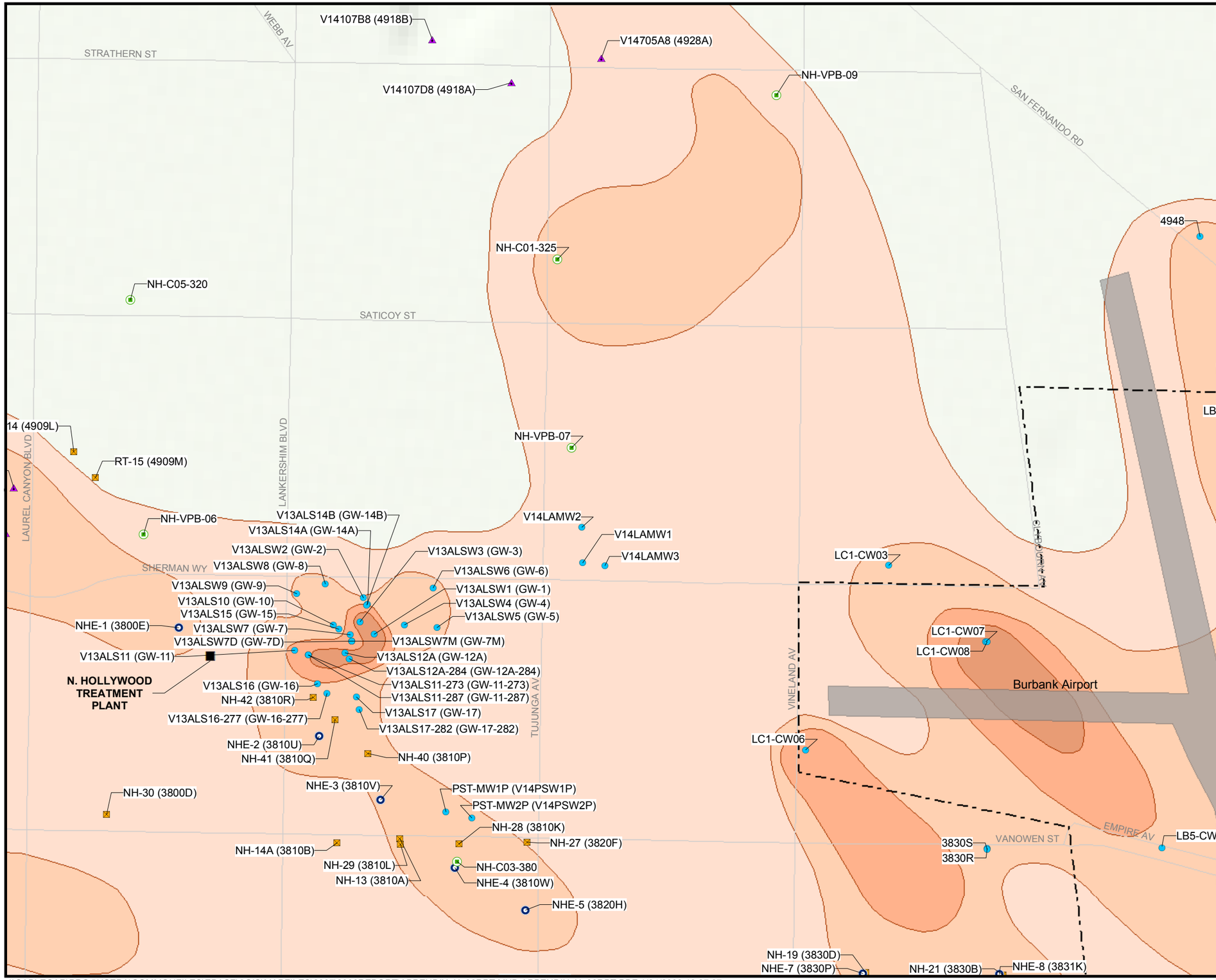

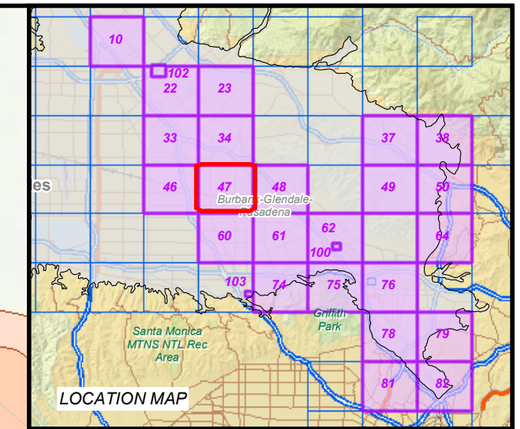

LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and PCE available only

N

0 475 950 1,900
Feet

PLATE 47

PCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

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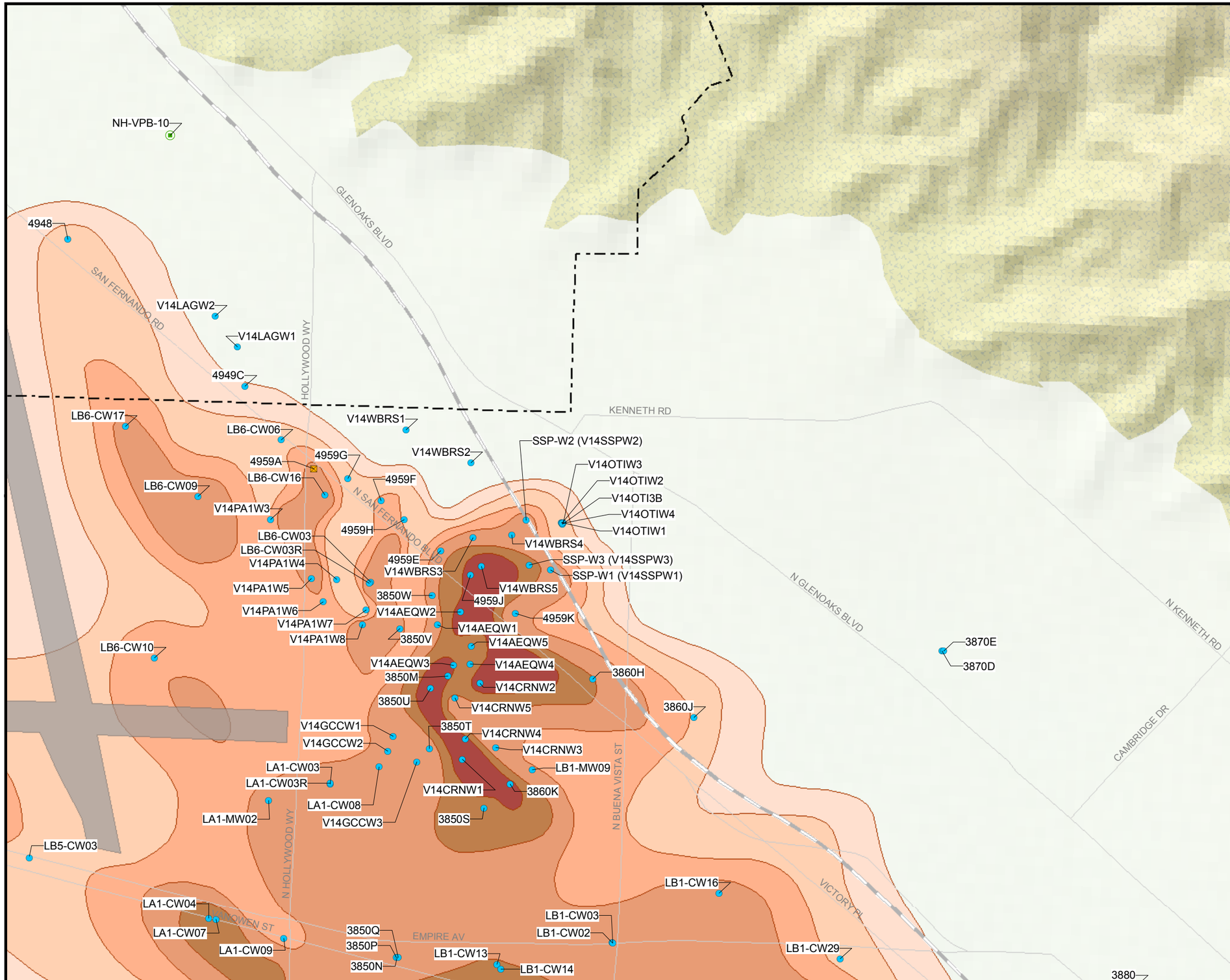

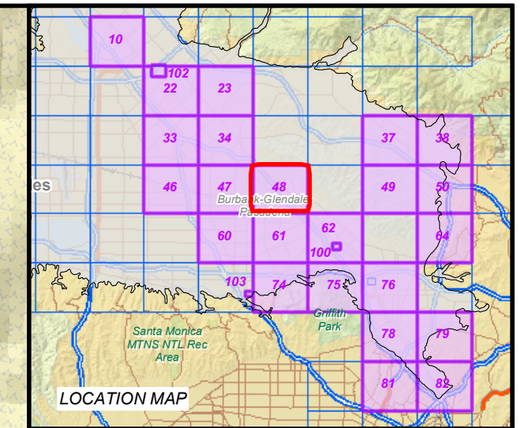

LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and PCE available only

N

0 475 950 1,900
Feet

PLATE 48

PCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

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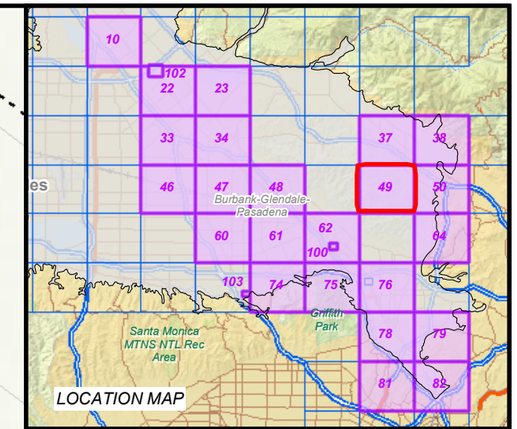


LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and PCE available only

N

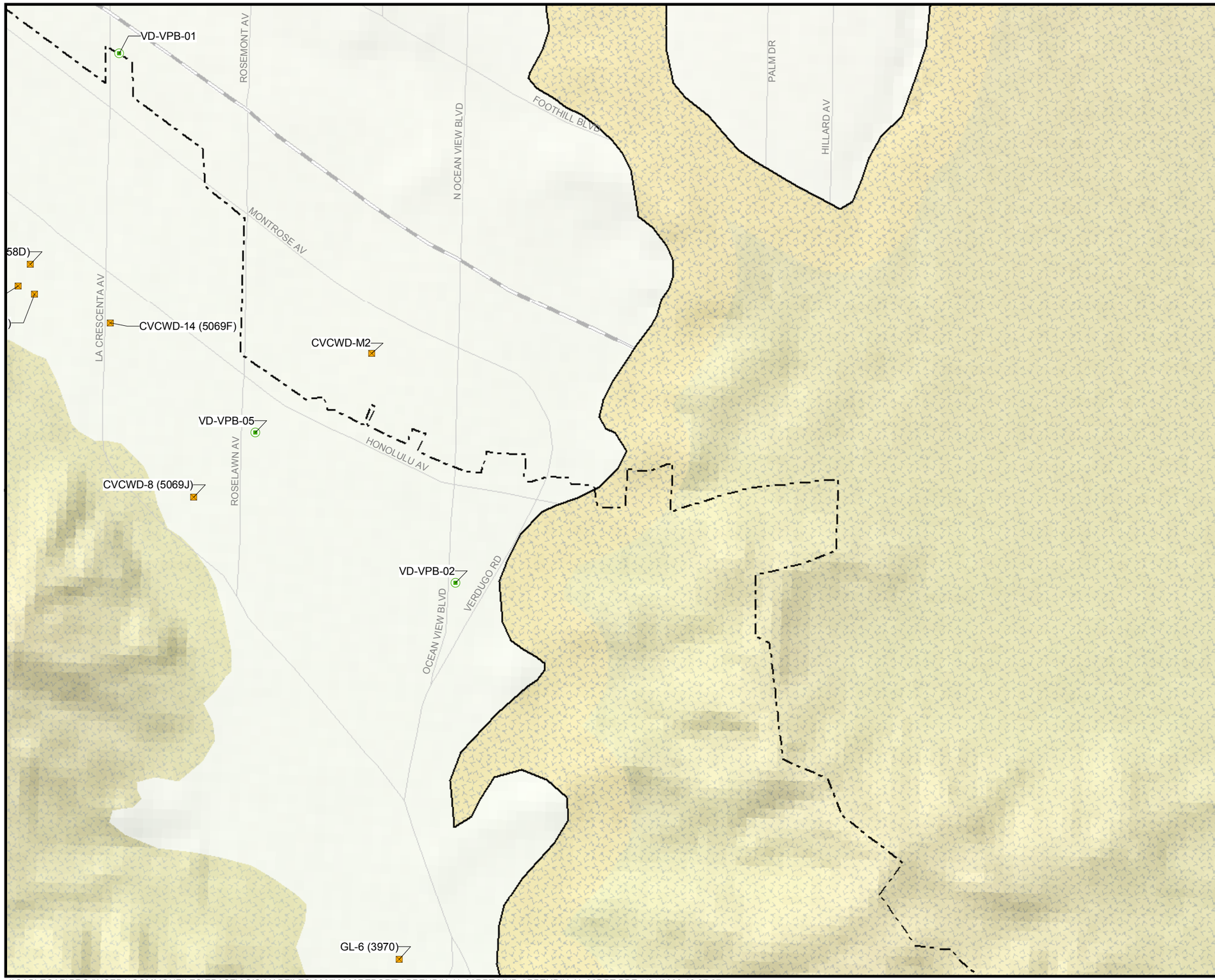
0 475 950 1,900
Feet

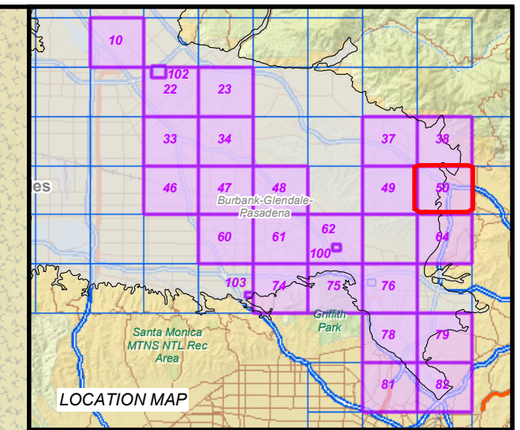
PLATE 49

PCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL





LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and PCE available only

N

0 475 950 1,900
Feet

PLATE 50

PCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

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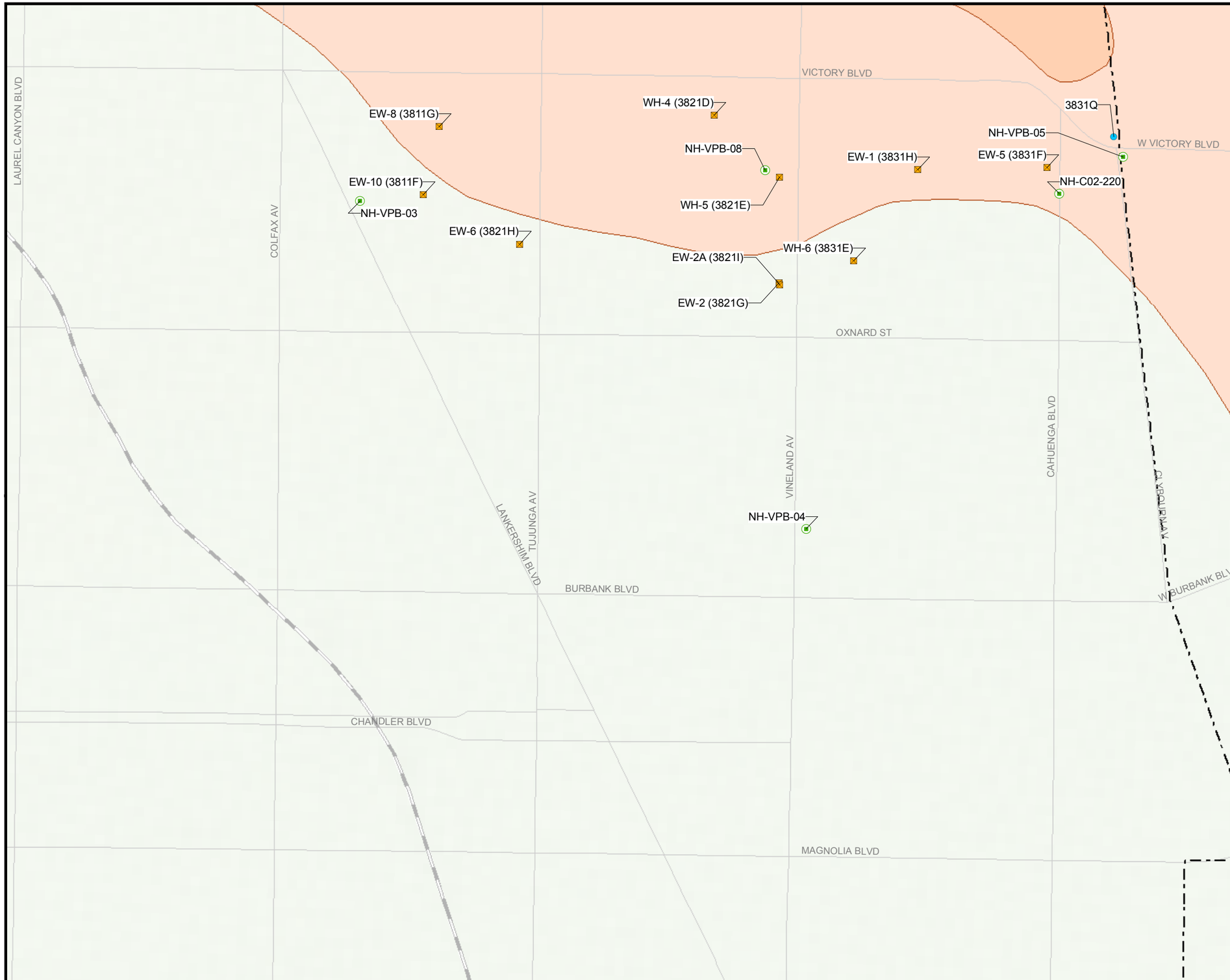

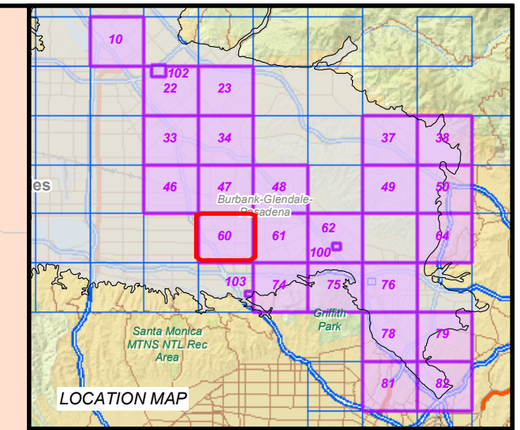

LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and PCE available only

N

0 475 950 1,900
Feet

PLATE 60

PCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

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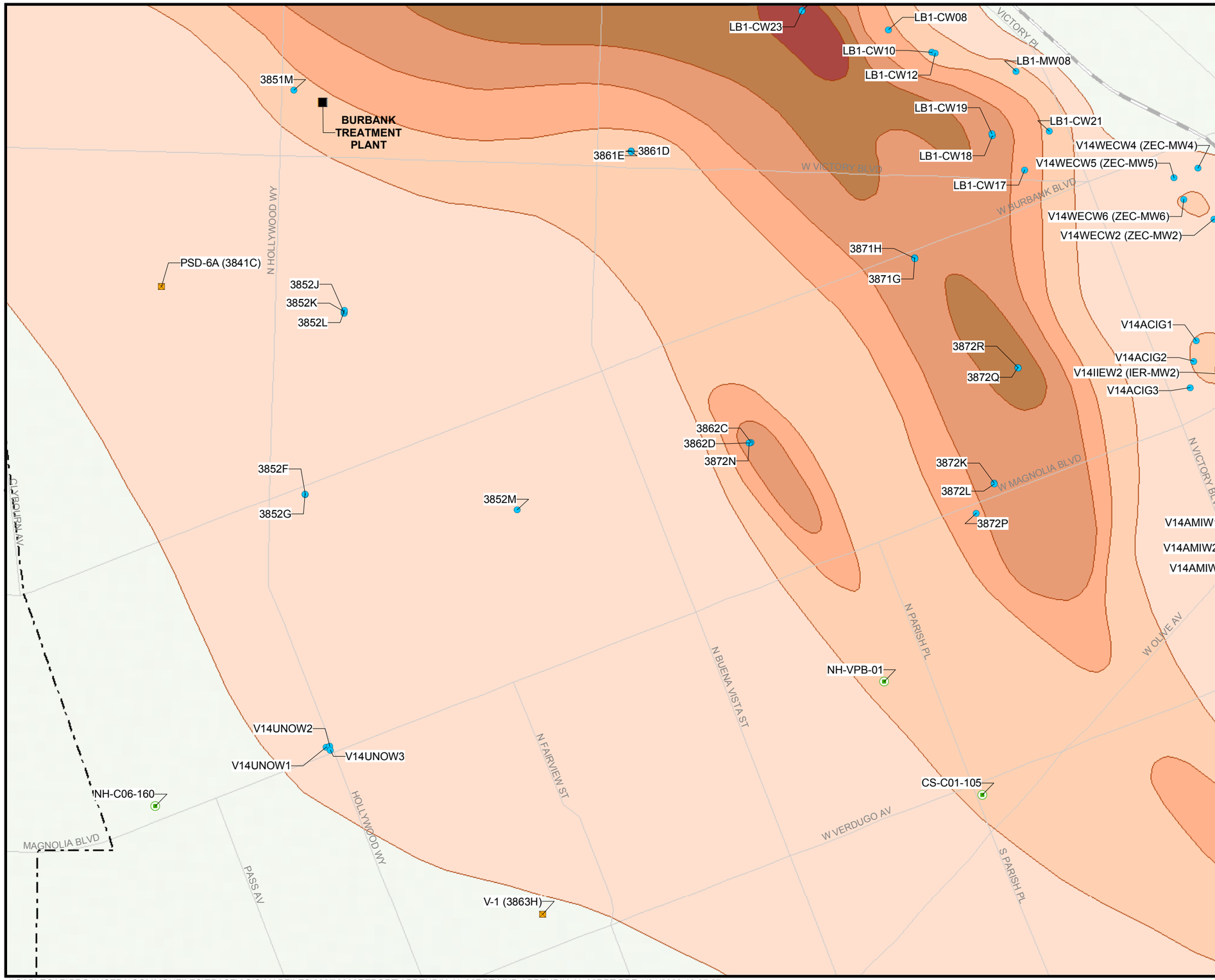

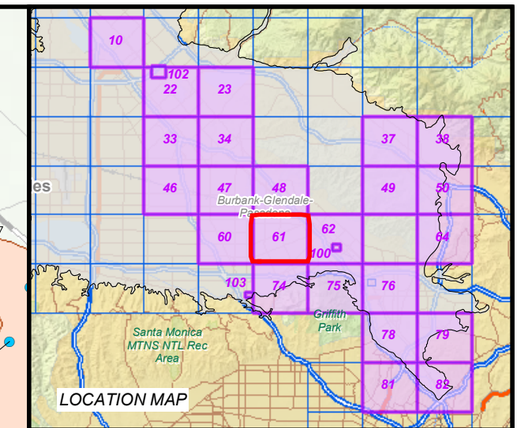

LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and PCE available only

N

0 475 950 1,900
Feet

PLATE 61

PCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

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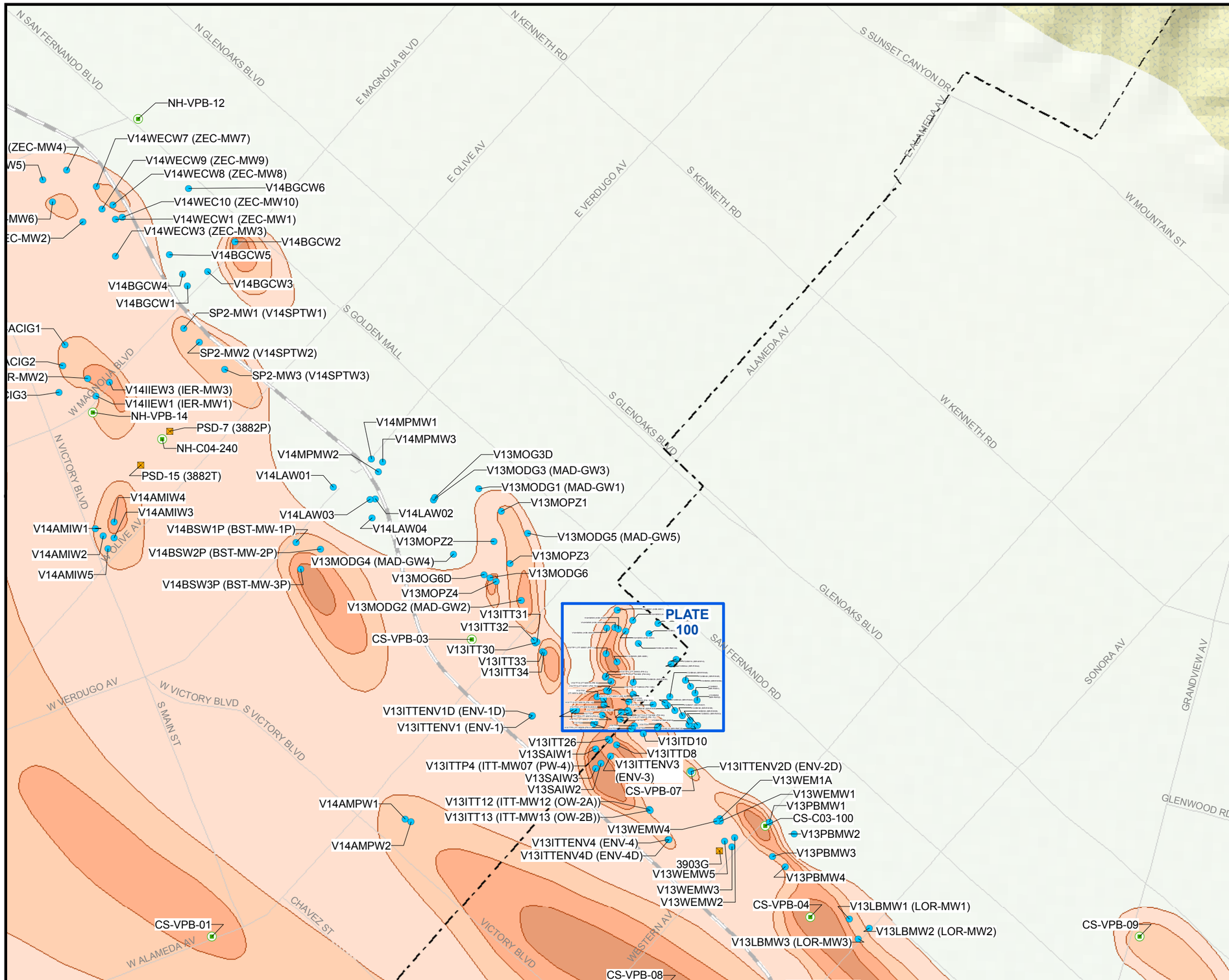

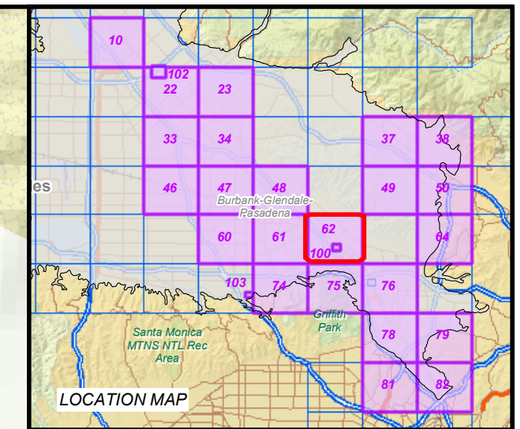

LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and PCE available only

N

0 475 950 1,900
Feet

PLATE 62

PCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

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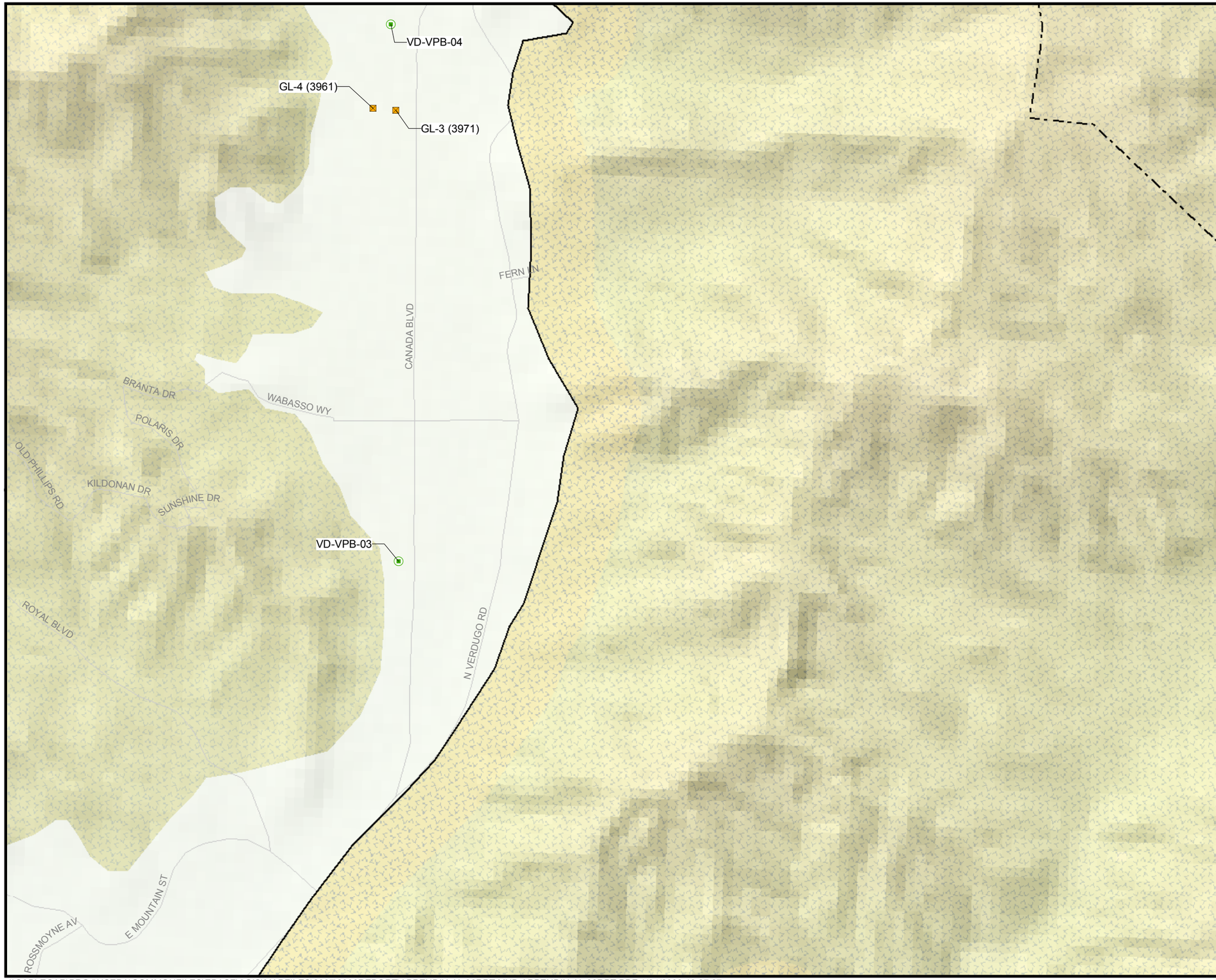

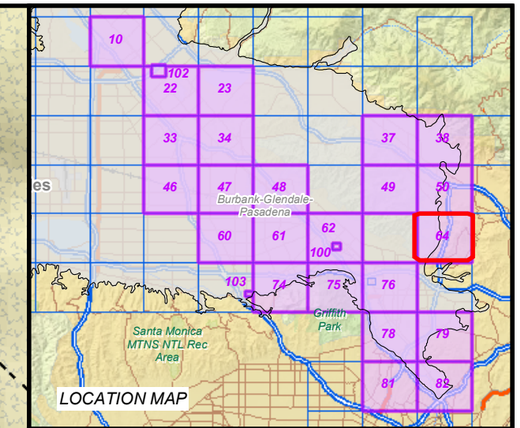

LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and PCE available only

N

0 475 950 1,900
Feet

PLATE 64

PCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

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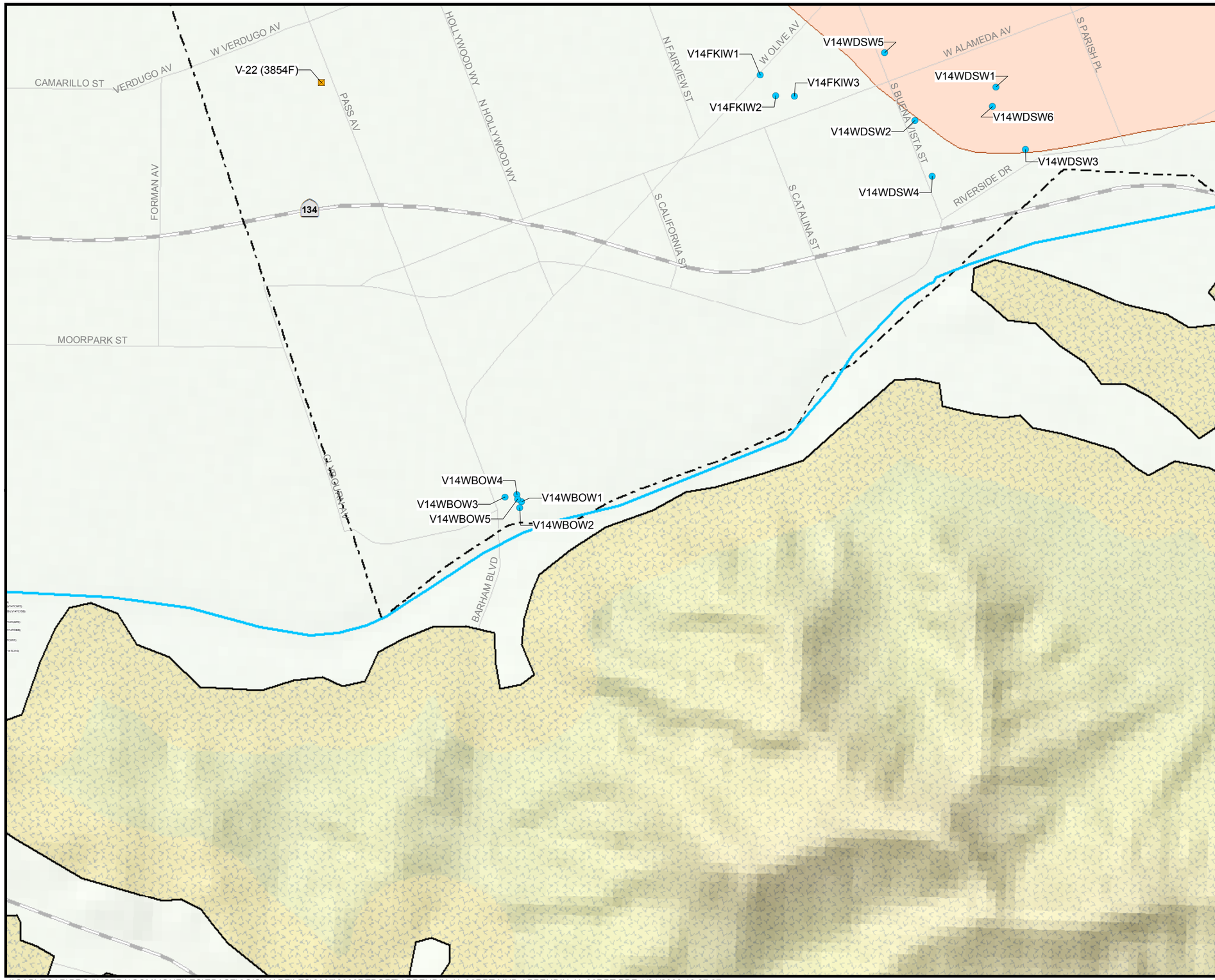

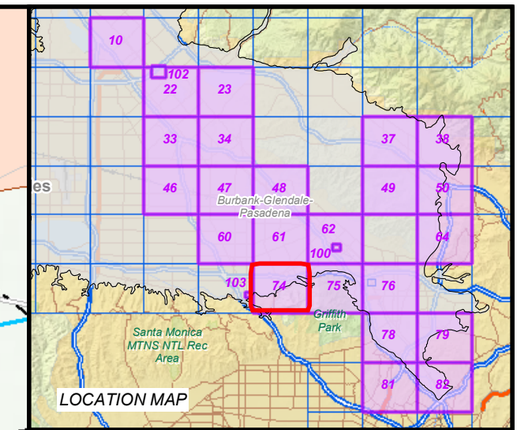

LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and PCE available only

N

0 475 950 1,900
Feet

PLATE 74

PCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

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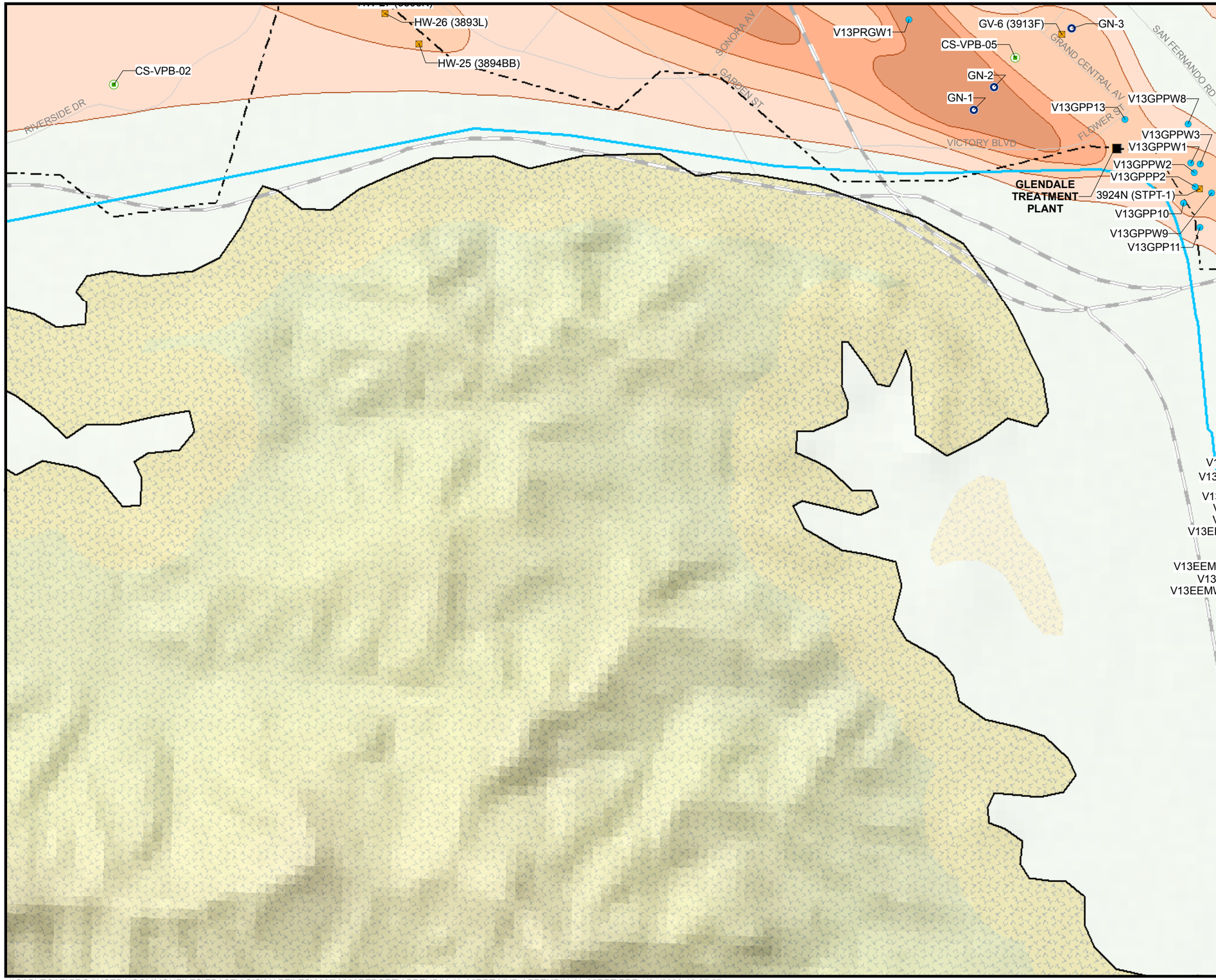
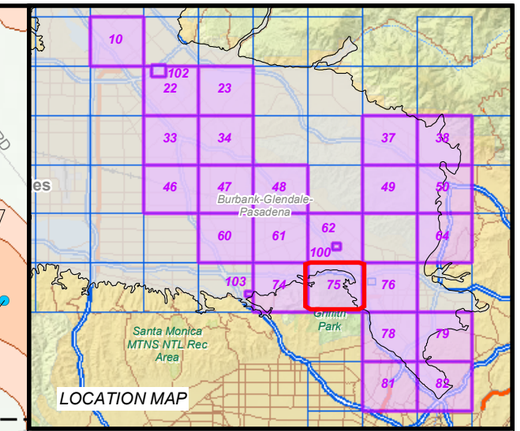




LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and PCE available only

N

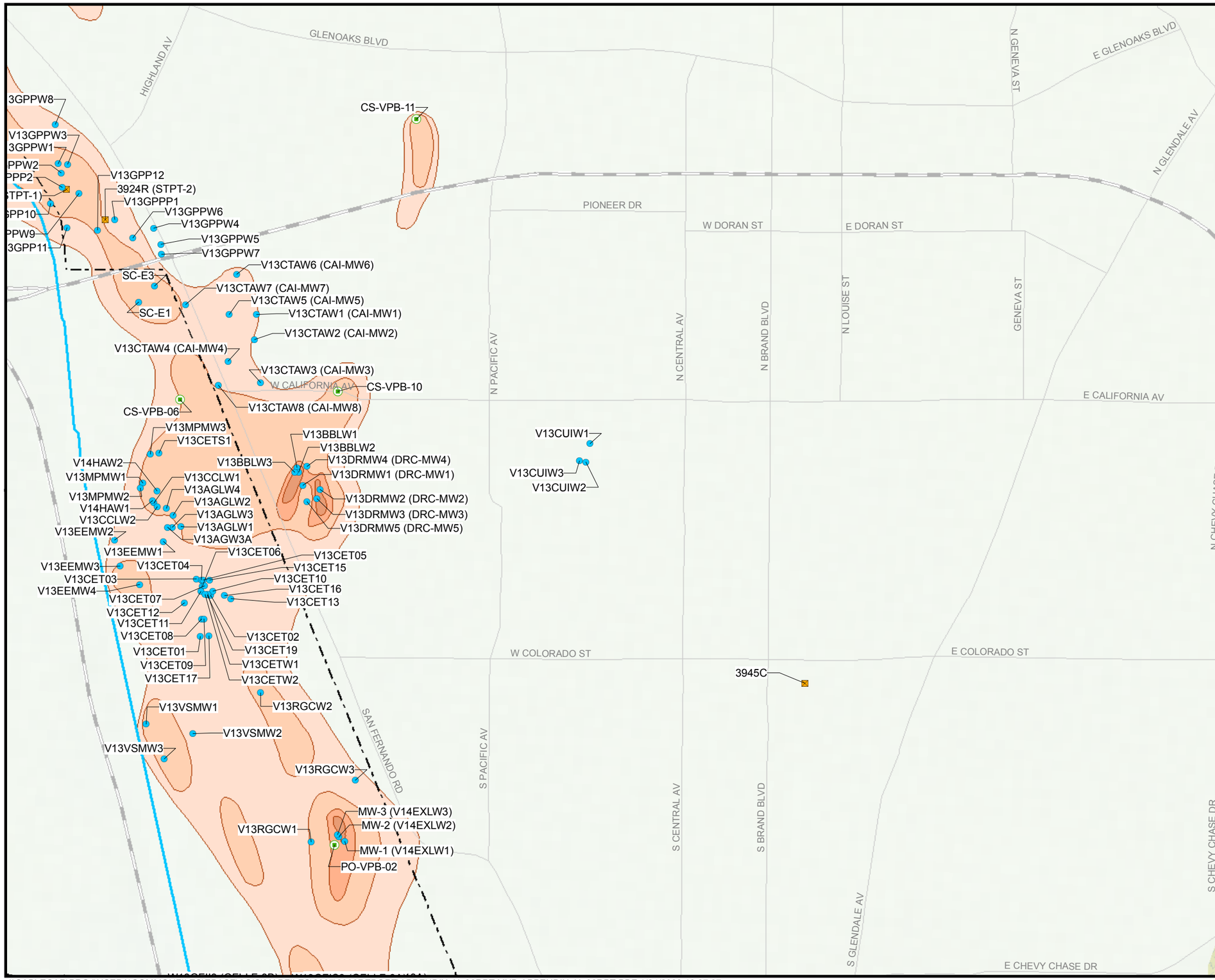
0 475 950 1,900
Feet

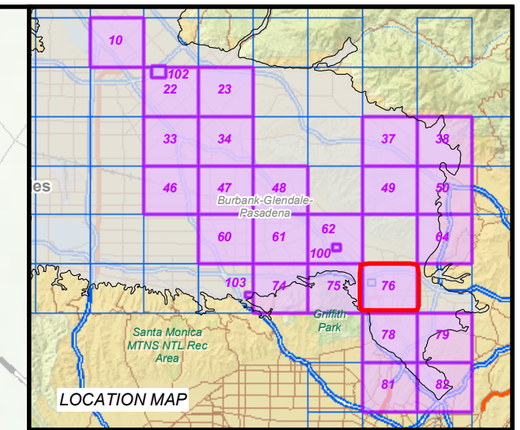
PLATE 75

PCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL





LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and PCE available only

N

0 475 950 1,900
Feet

PLATE 76

PCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

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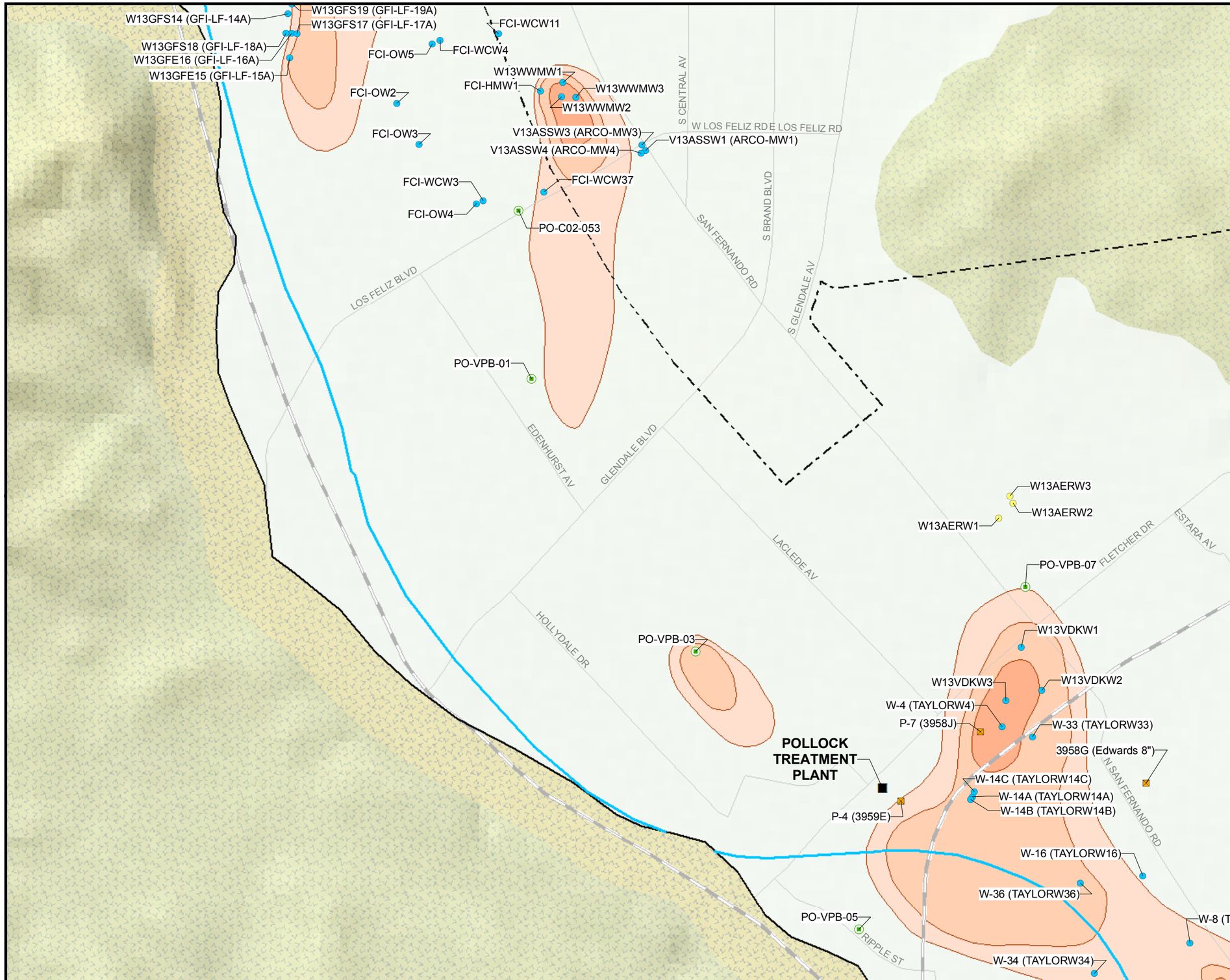

PLATE 78

PCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

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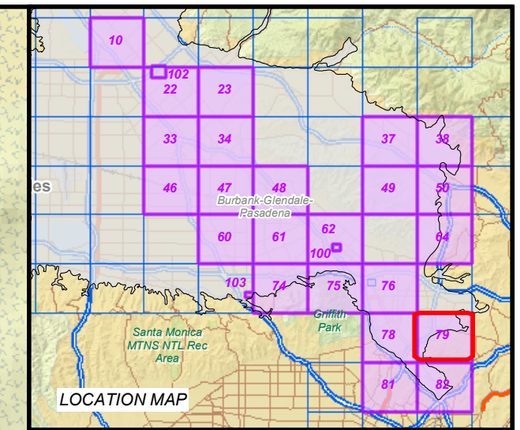

LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and PCE available only

N

0 475 950 1,900
Feet

PLATE 79

PCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

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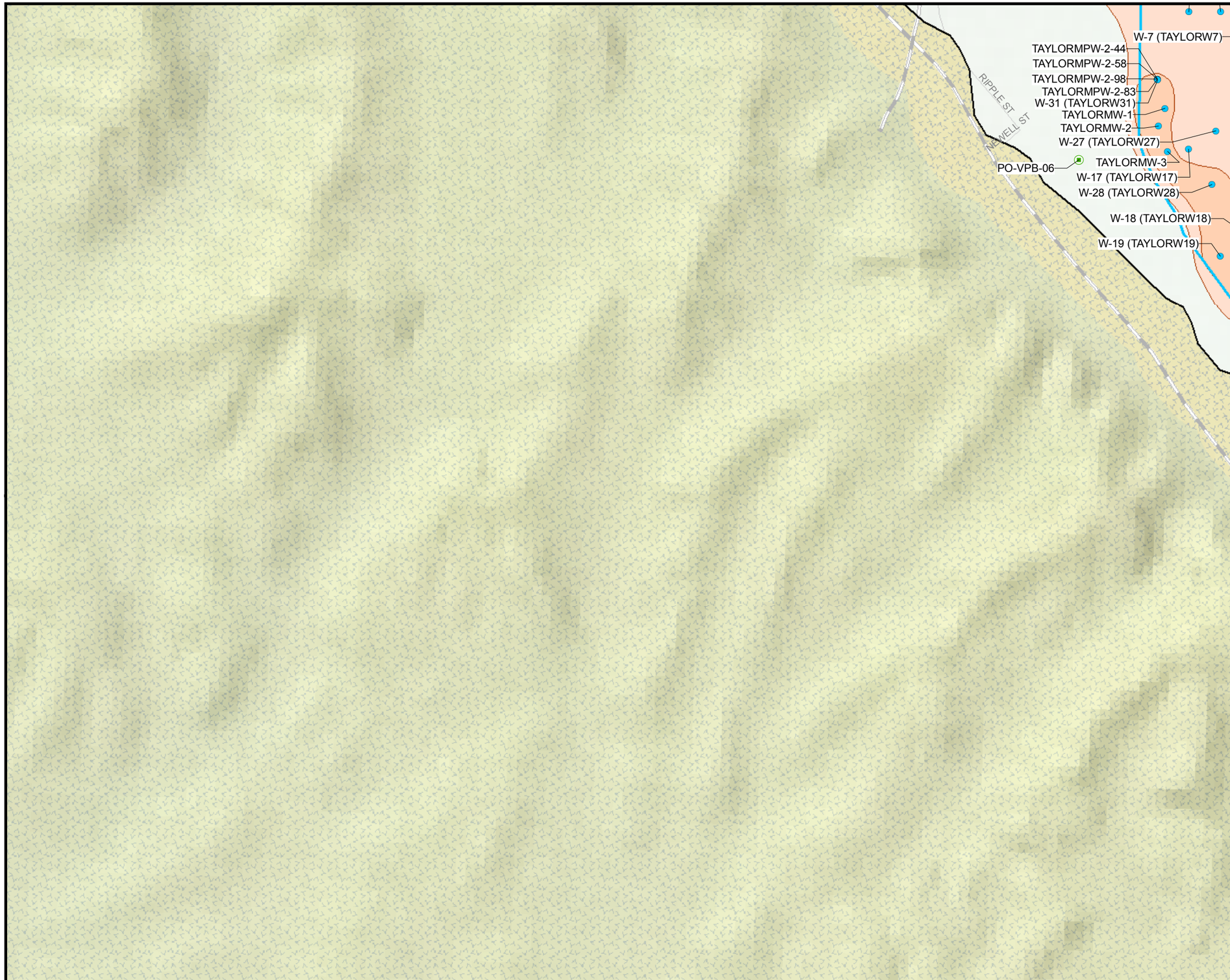
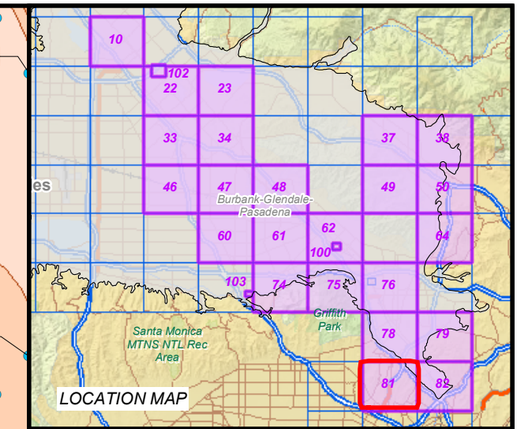




LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and PCE available only

N

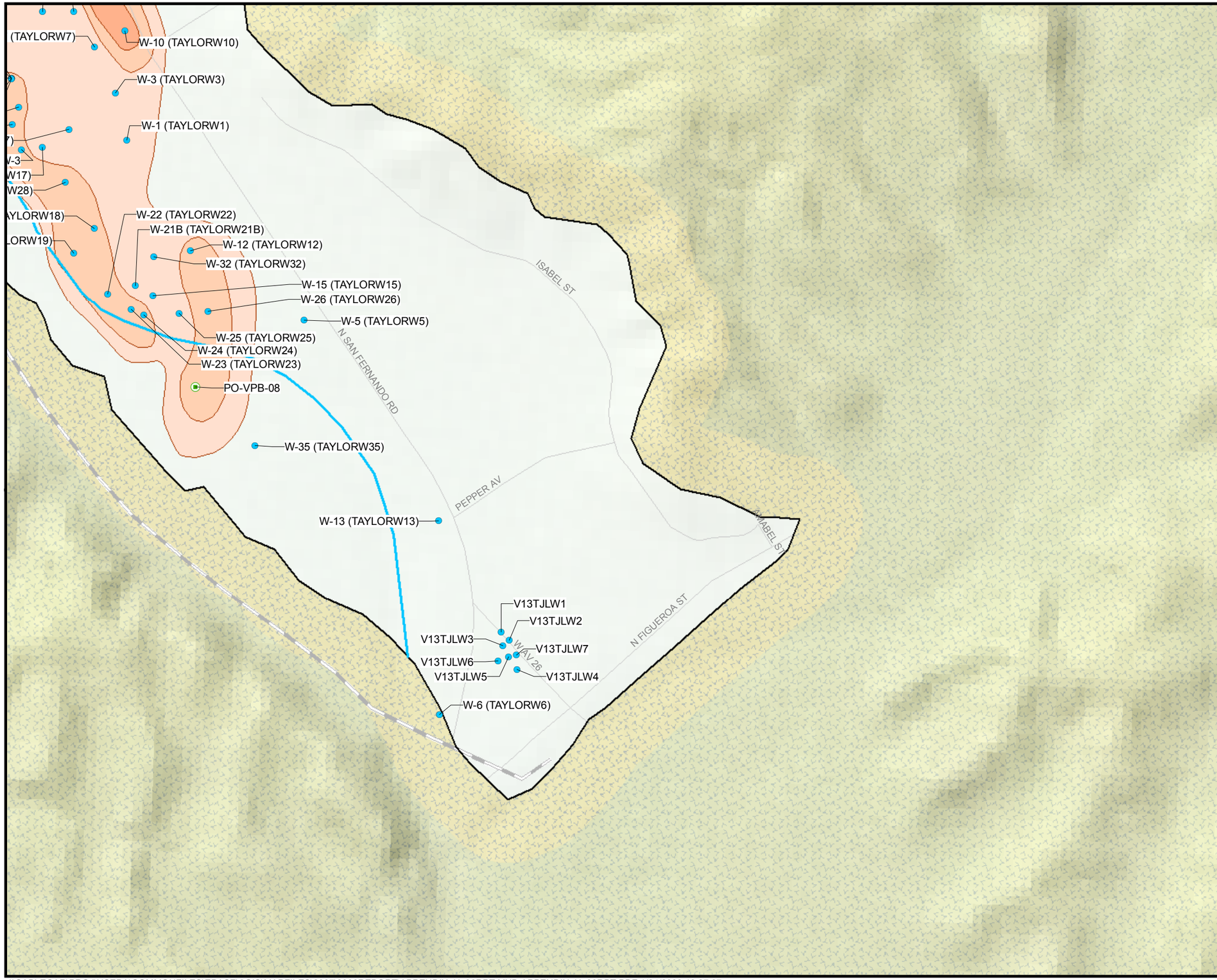
0 475 950 1,900
Feet

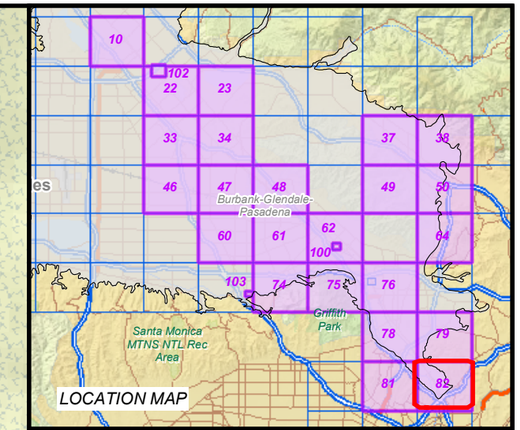
PLATE 81

PCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL





LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and PCE available only

N

0 475 950 1,900
Feet

PLATE 82

PCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

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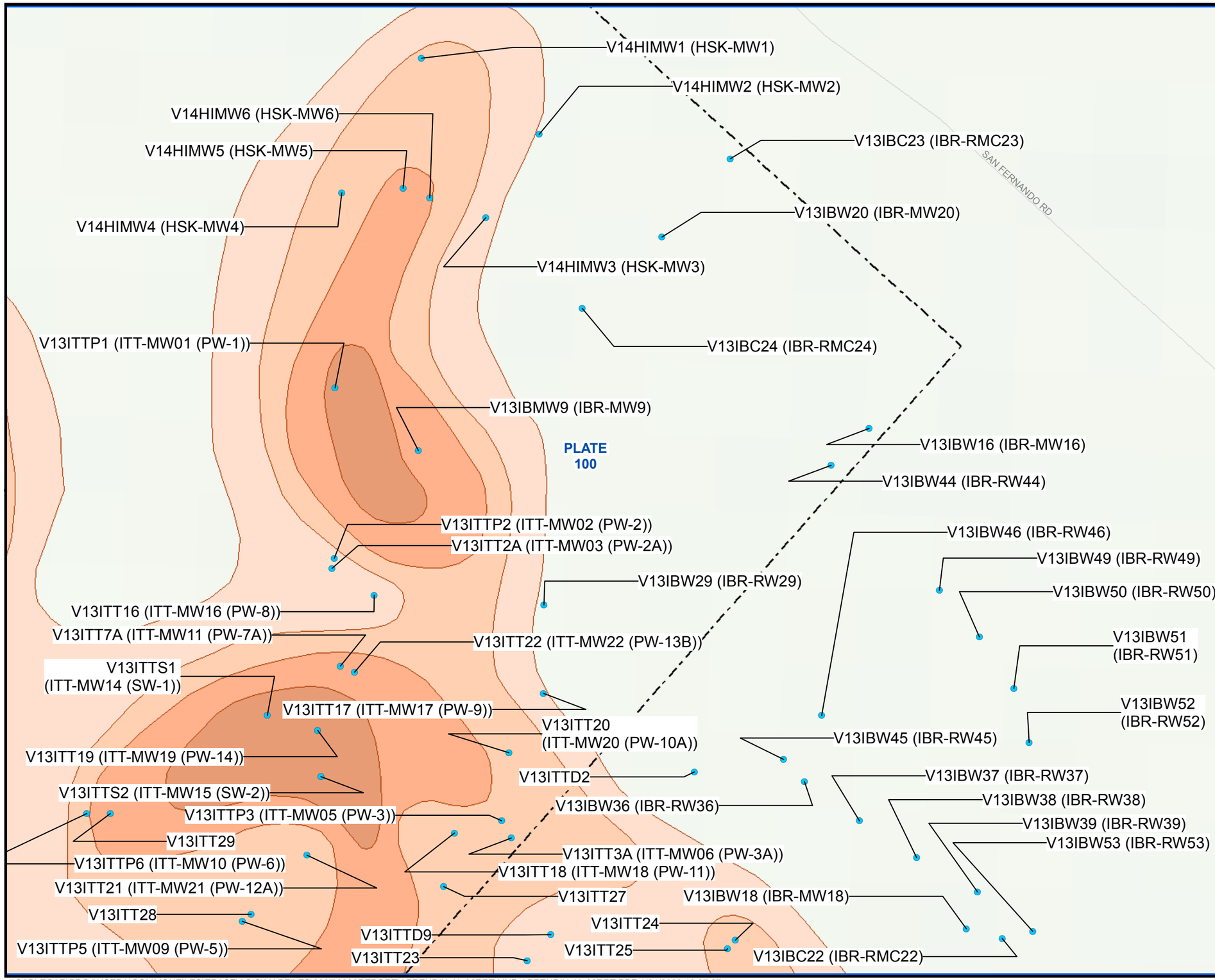

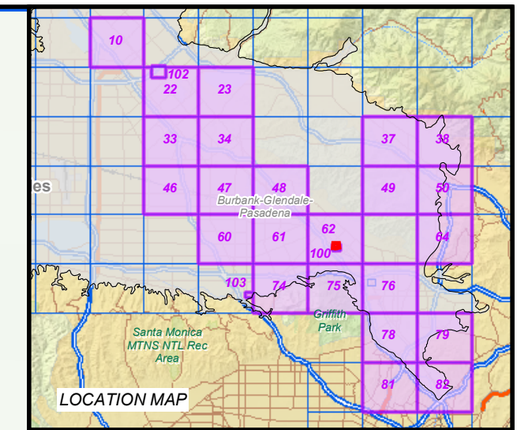

LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and PCE available only

N

0 62.5 125 250
Feet

PLATE 100

PCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

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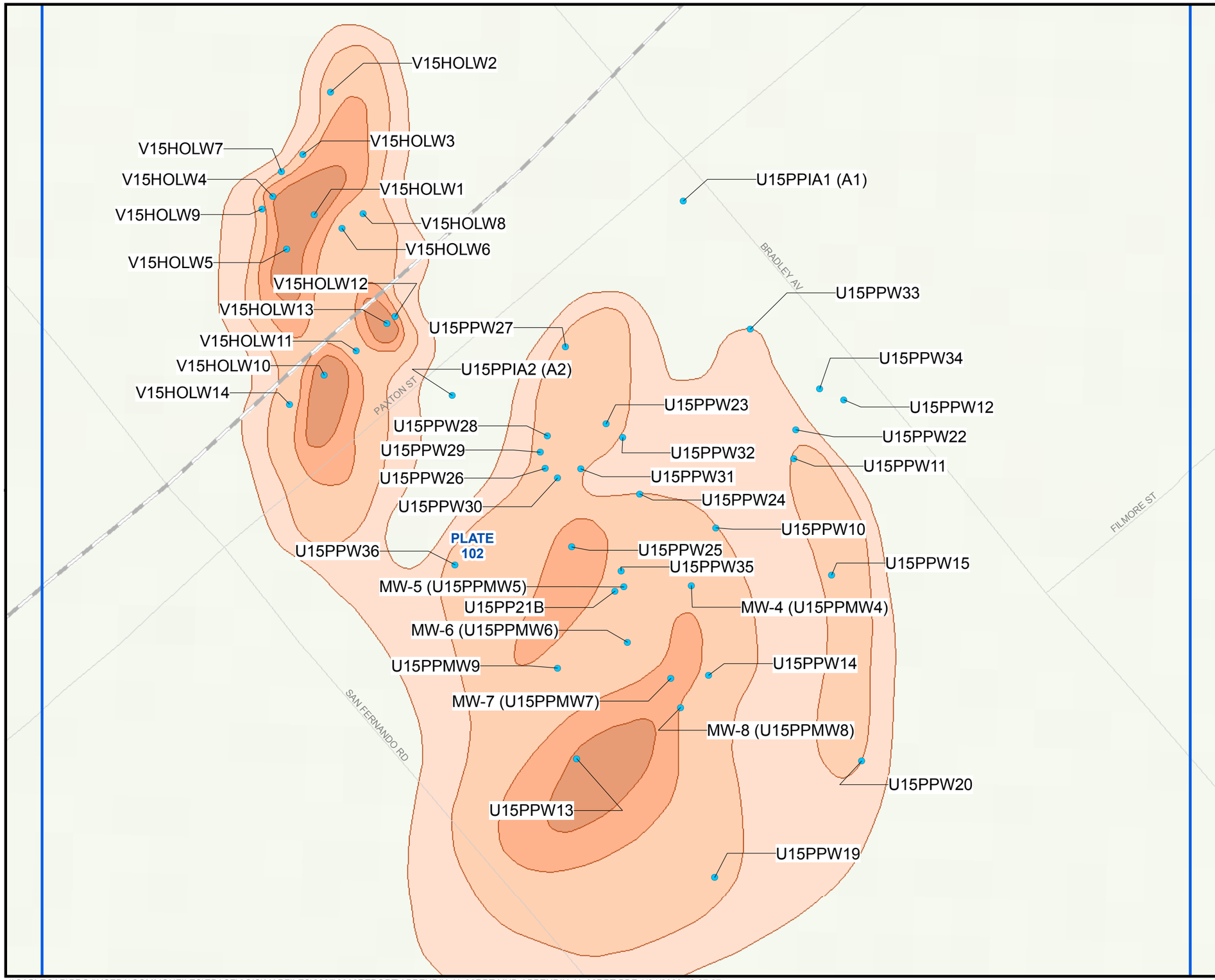
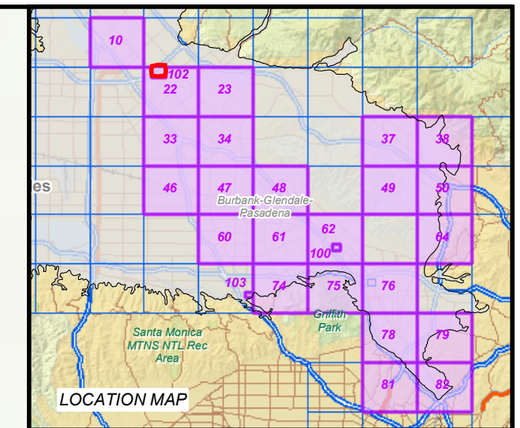




LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and PCE available only

N

0 120 240 480
Feet

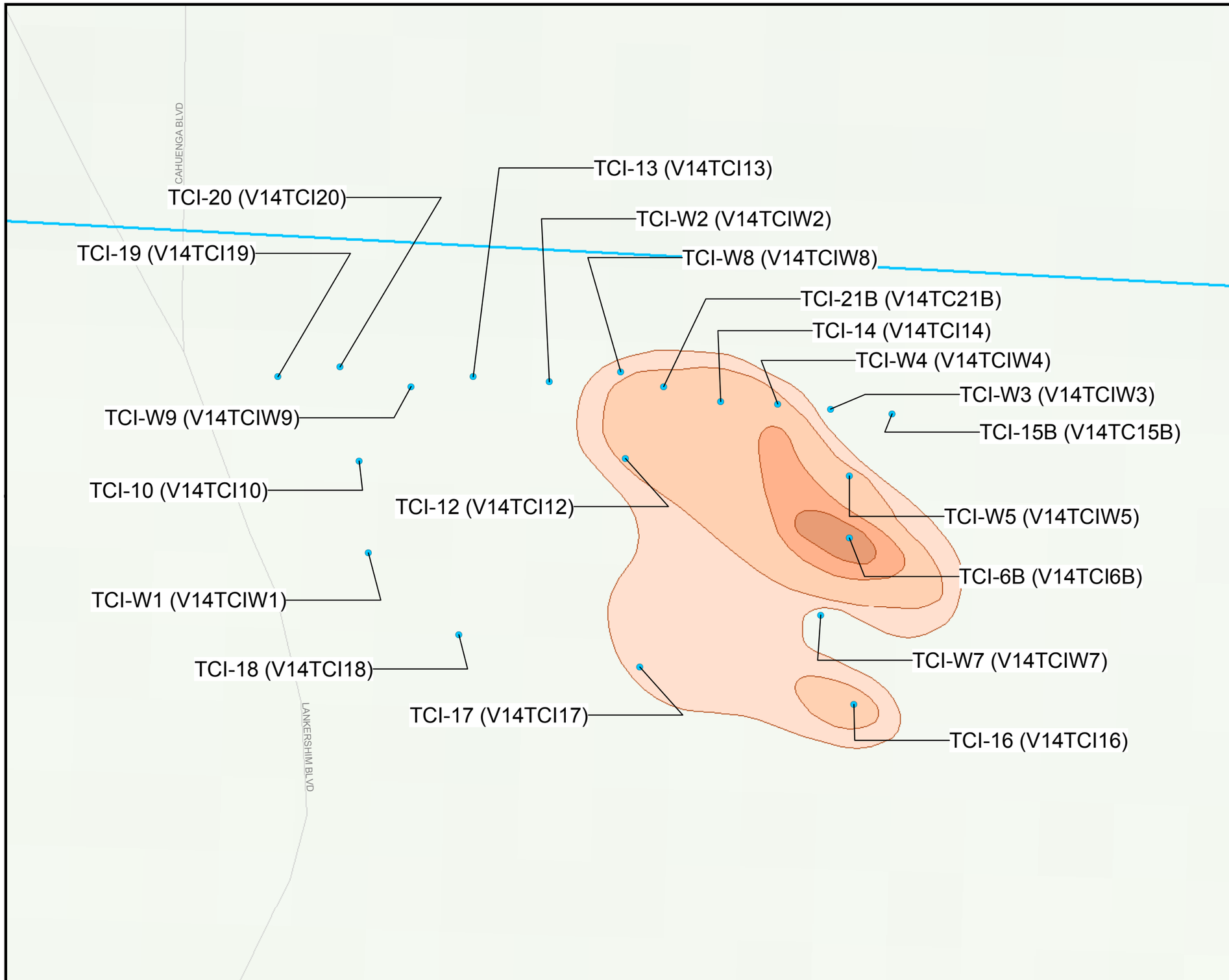
PLATE 102

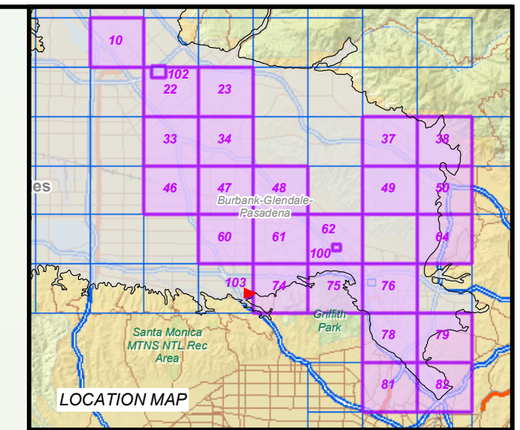
PCE CONTAMINATION IN SHALLOW ZONE IN 2006

SAN FERNANDO VALLEY BASIN

CH2MHILL

\\CABLECAR\PROJ\USEPA\COMMONFILES\EPASFV\GIS\MAPFILES\2007\2006REPORT\APPENDIX_H_06RPT.MXD APPENDIX_H_06RPT.PDF 1/24/2008 13:27:07





LEGEND

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Above 5000 µg/L
- Extraction Well
- Facility Monitoring Well
- Landfill Monitoring Well
- Production Well
- Remedial Investigation Monitoring Well
- Piezometer
- Unknown

Note: Well locations shown here are only for Shallow Zone and PCE available only

N

0 62.5 125 250
Feet

PLATE 103

PCE CONTAMINATION IN SHALLOW ZONE IN 2006

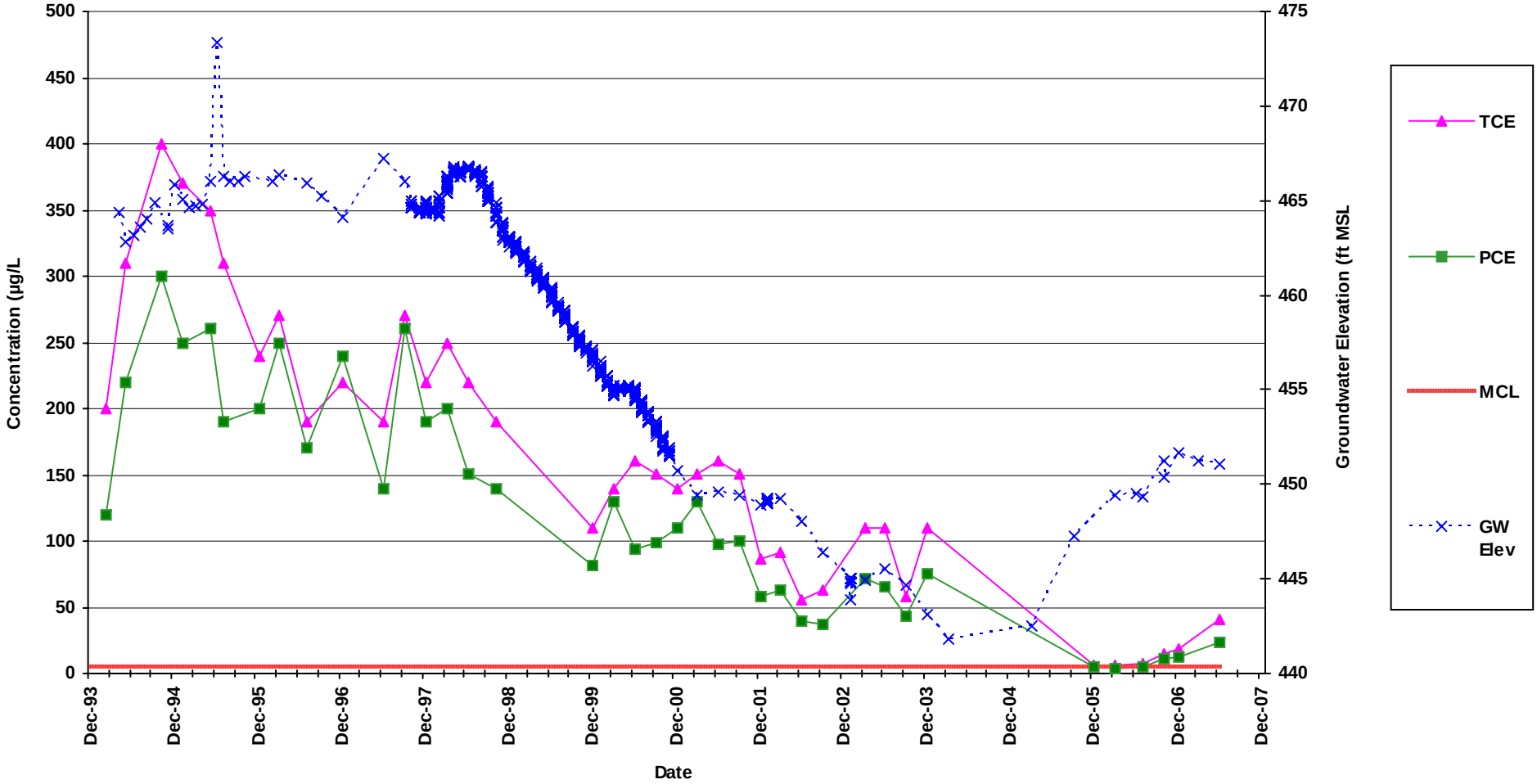
SAN FERNANDO VALLEY BASIN

CH2MHILL

\\CABLECAR\PROJ\USEPA\COMMONFILES\EPASFV\GIS\MAPFILES\2007\2006REPORT\APPENDIX_H_06RPT.MXD APPENDIX_H_06RPT.PDF 1/24/2008 13:27:07

Appendix H
Historical TCE and PCE Concentrations and Groundwater Elevations

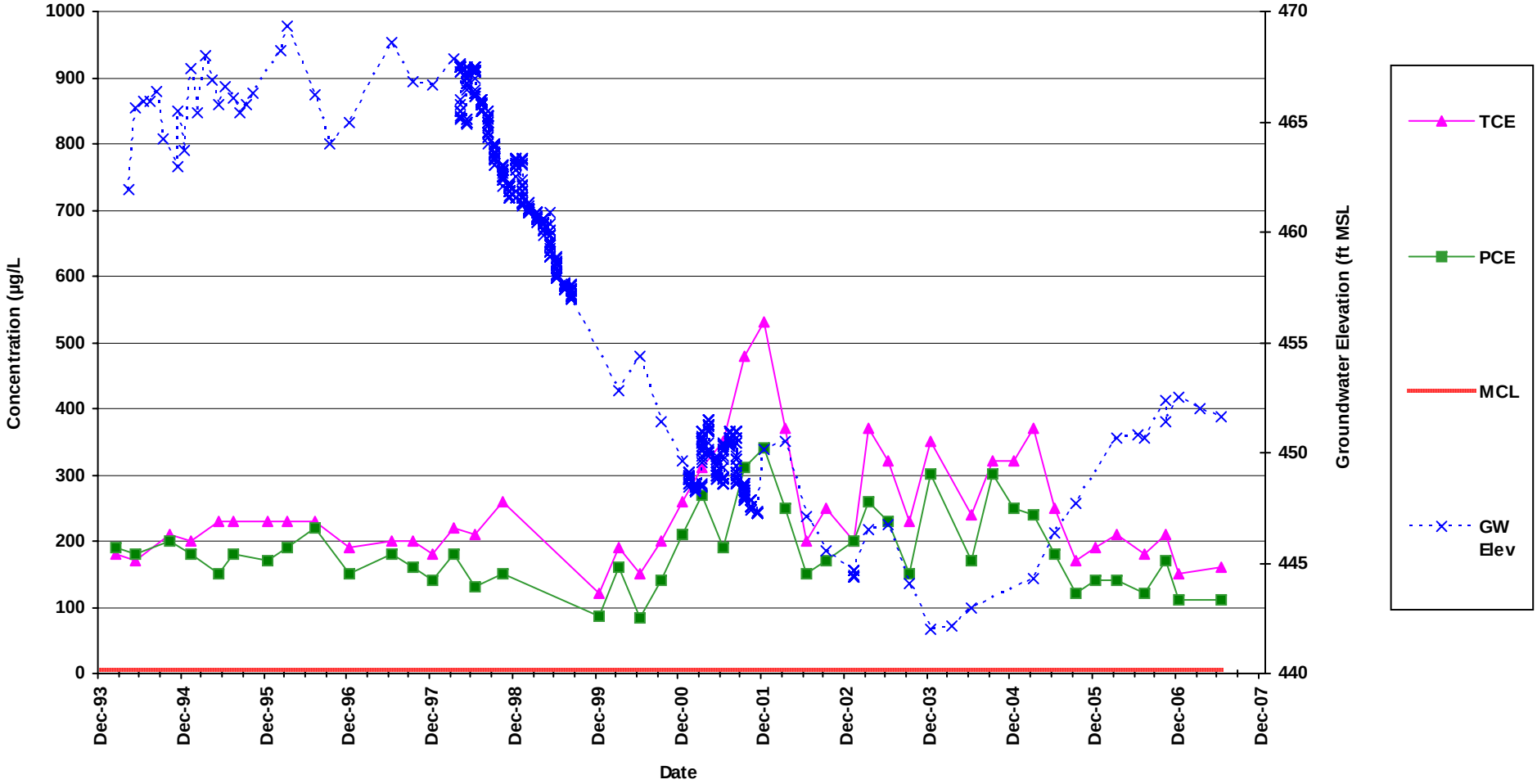
FIGURE H-01
Well CS-C01-105
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California



	Average	Maximum	Count
TCE	165	400	38
PCE	124	300	38

CH2MHILL

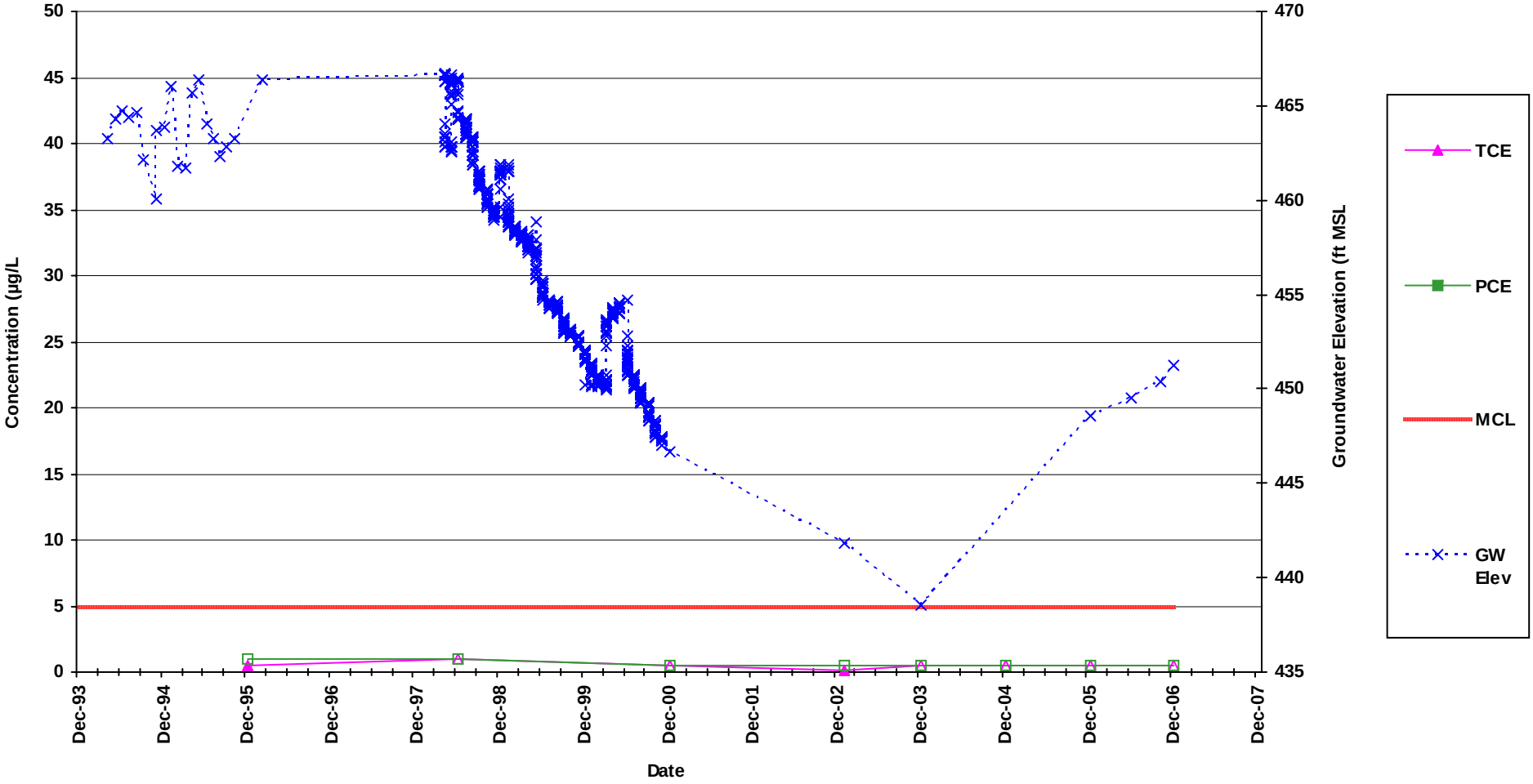
FIGURE H-02
Well CS-C01-285
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California



	Average	Maximum	Count
TCE	243	530	45
PCE	183	340	45

CH2MHILL

FIGURE H-03
Well CS-C01-558
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

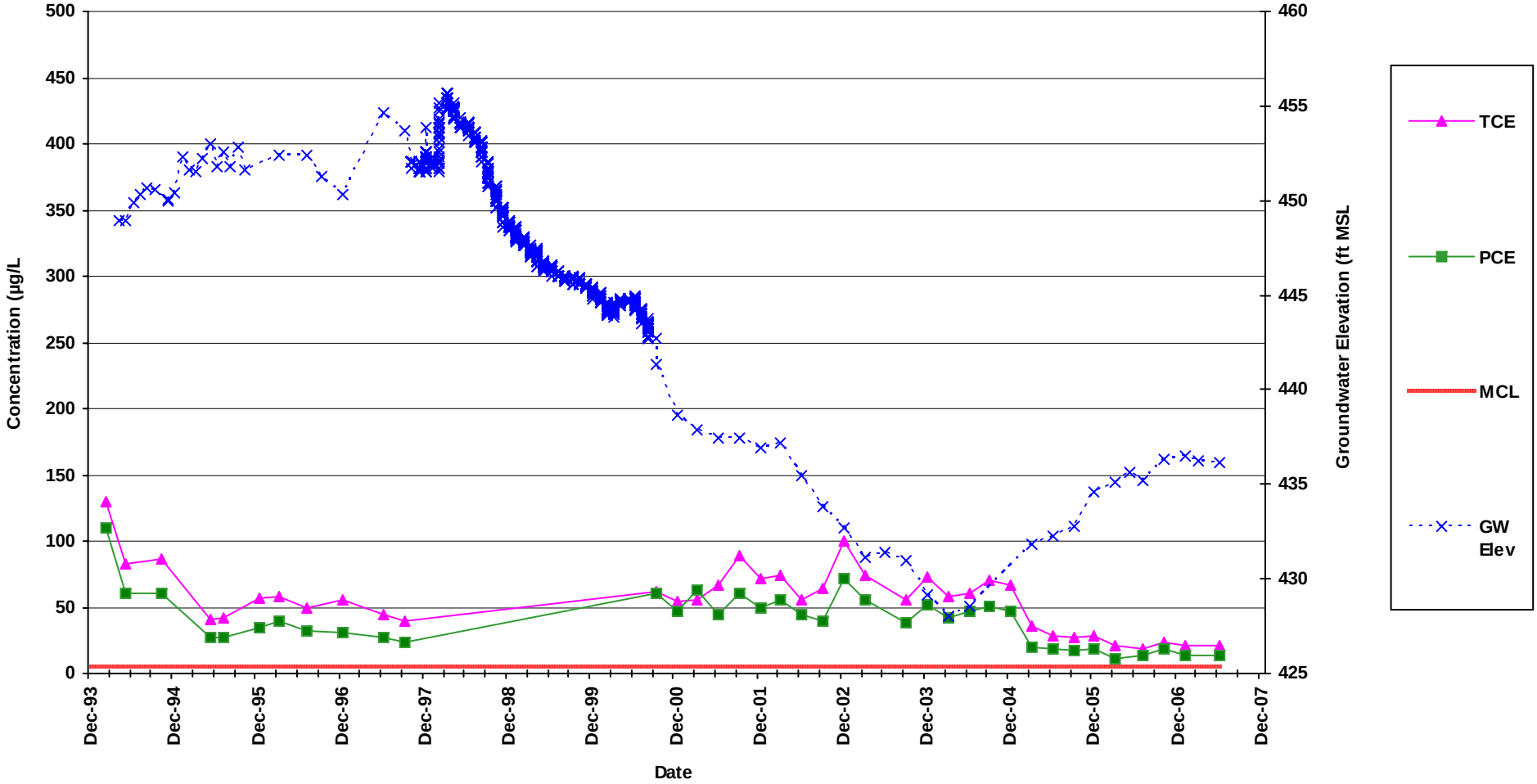


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	0.1	0.5	8
PCE	ND	ND	8

CH2MHILL

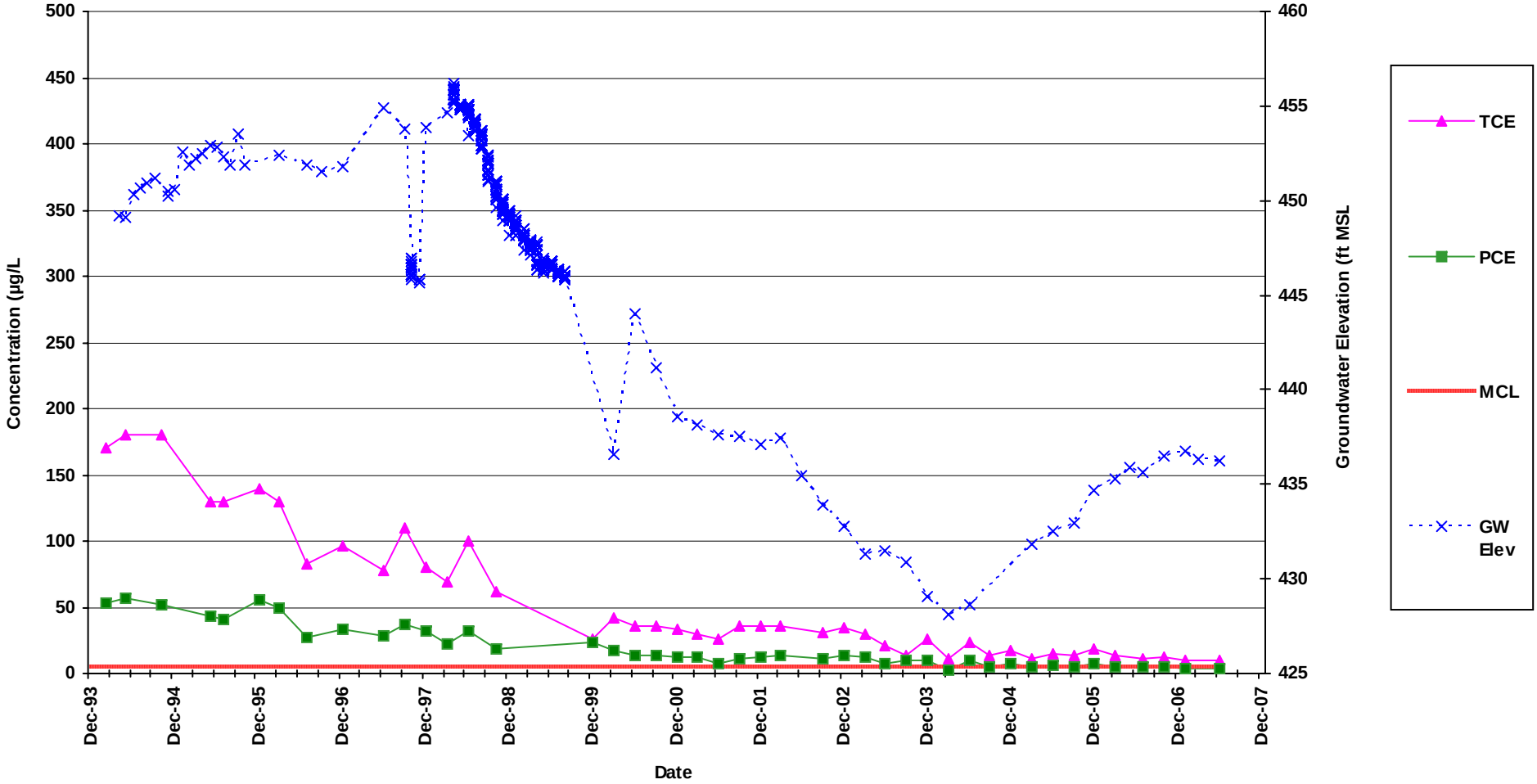
FIGURE H-04
Well CS-C02-062
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California



	Average	Maximum	Count
TCE	54	130	38
PCE	38	110	38

CH2MHILL

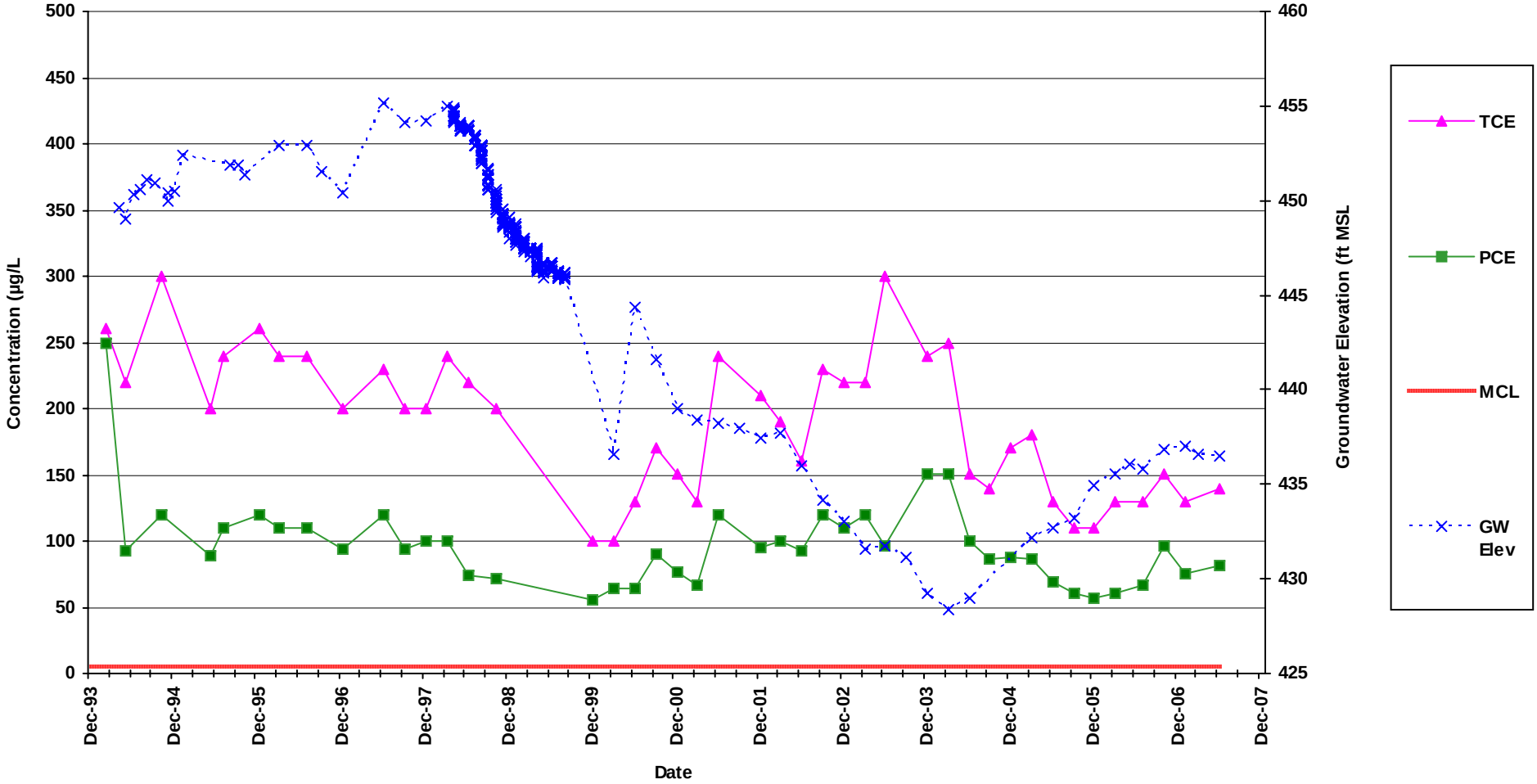
FIGURE H-05
Well CS-C02-180
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California



	Average	Maximum	Count
TCE	55	180	44
PCE	20	57	44

CH2MHILL

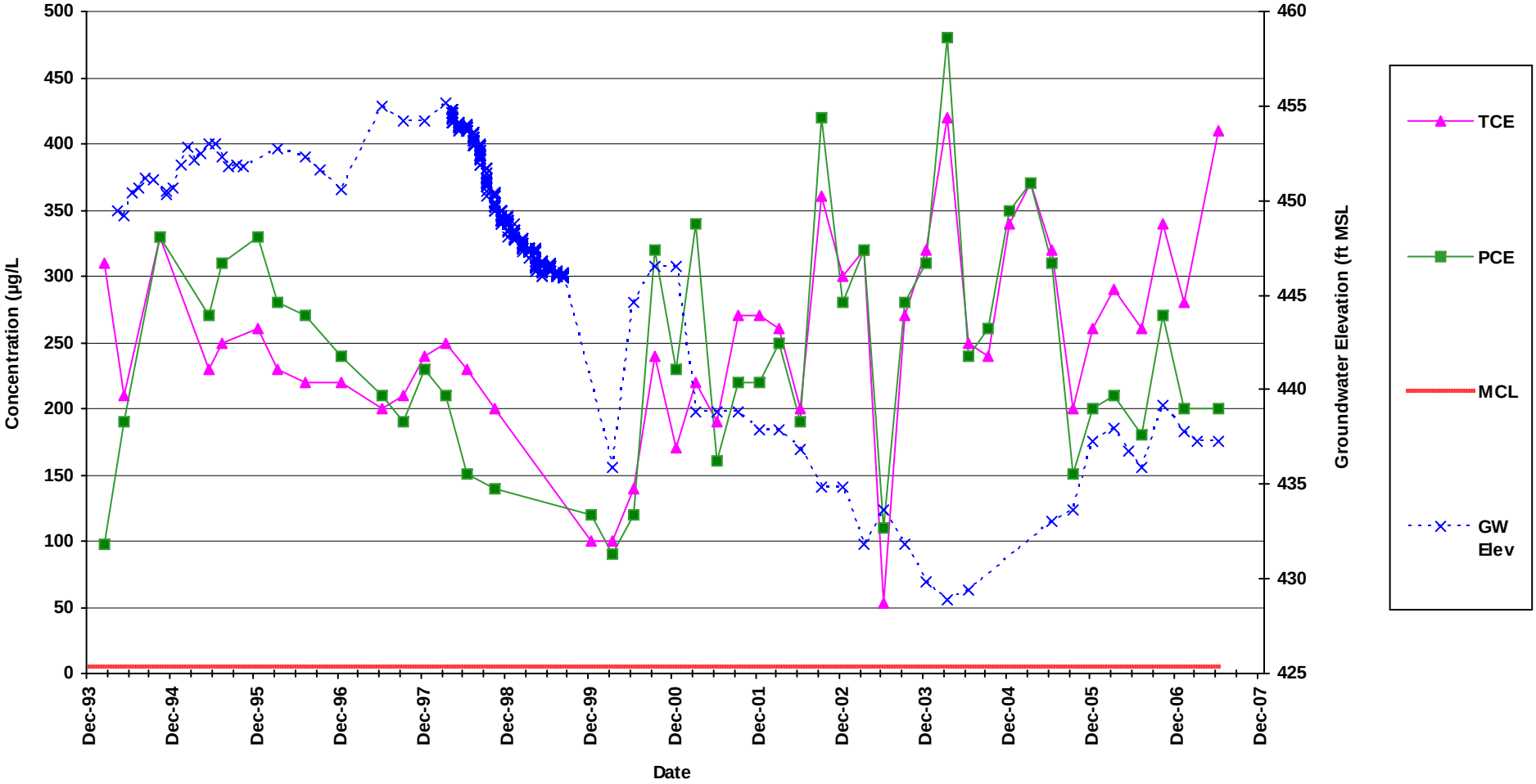
FIGURE H-06
Well CS-C02-250
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California



	Average	Maximum	Count
TCE	193	300	43
PCE	97	250	43

CH2MHILL

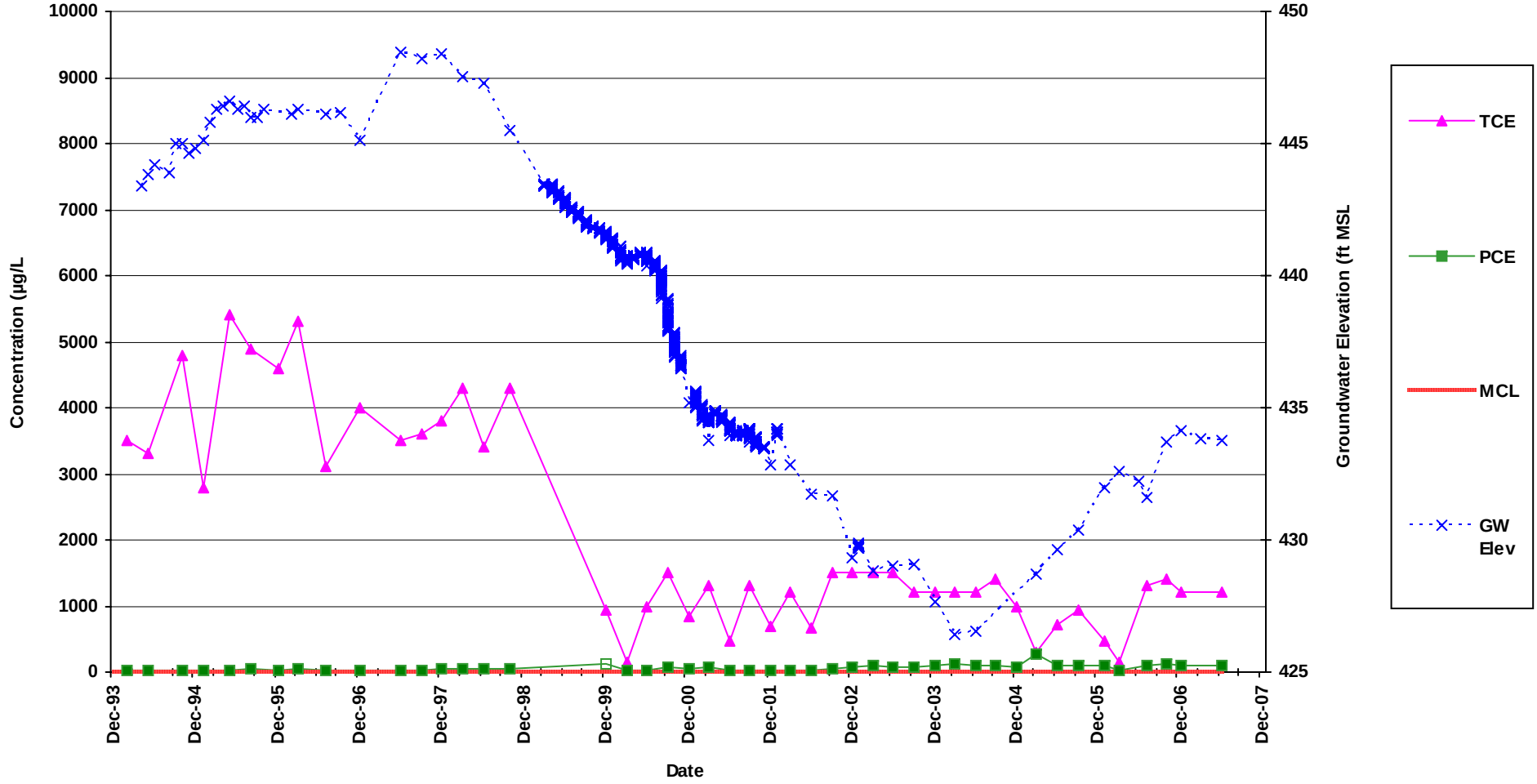
FIGURE H-07
Well CS-C02-335
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California



	Average	Maximum	Count
TCE	252	420	45
PCE	241	480	45

CH2MHILL

FIGURE H-08
Well CS-C03-100
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

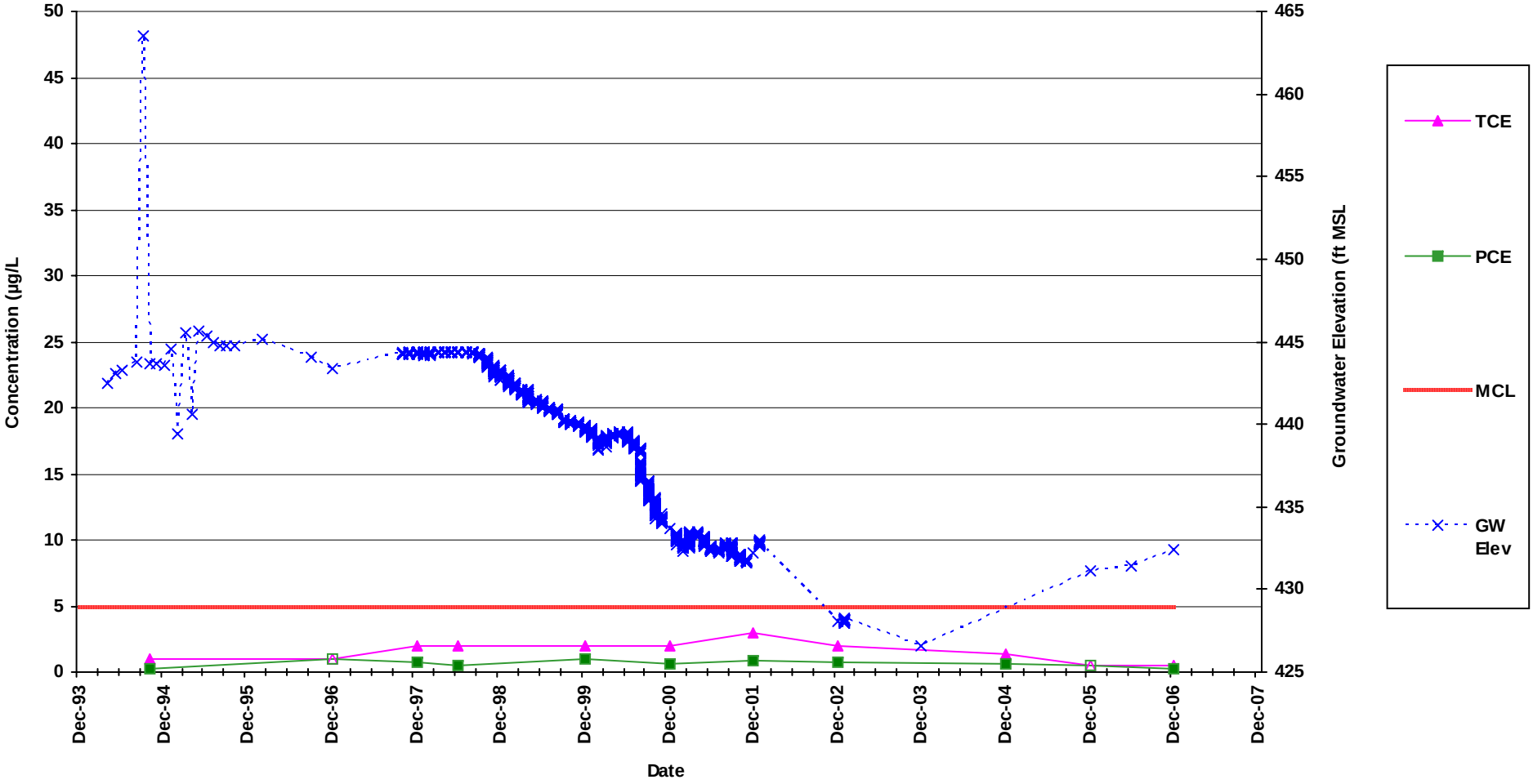


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	2,132	5,400	46
PCE	61	280	46

CH2MHILL

FIGURE H-09
Well CS-C03-325
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

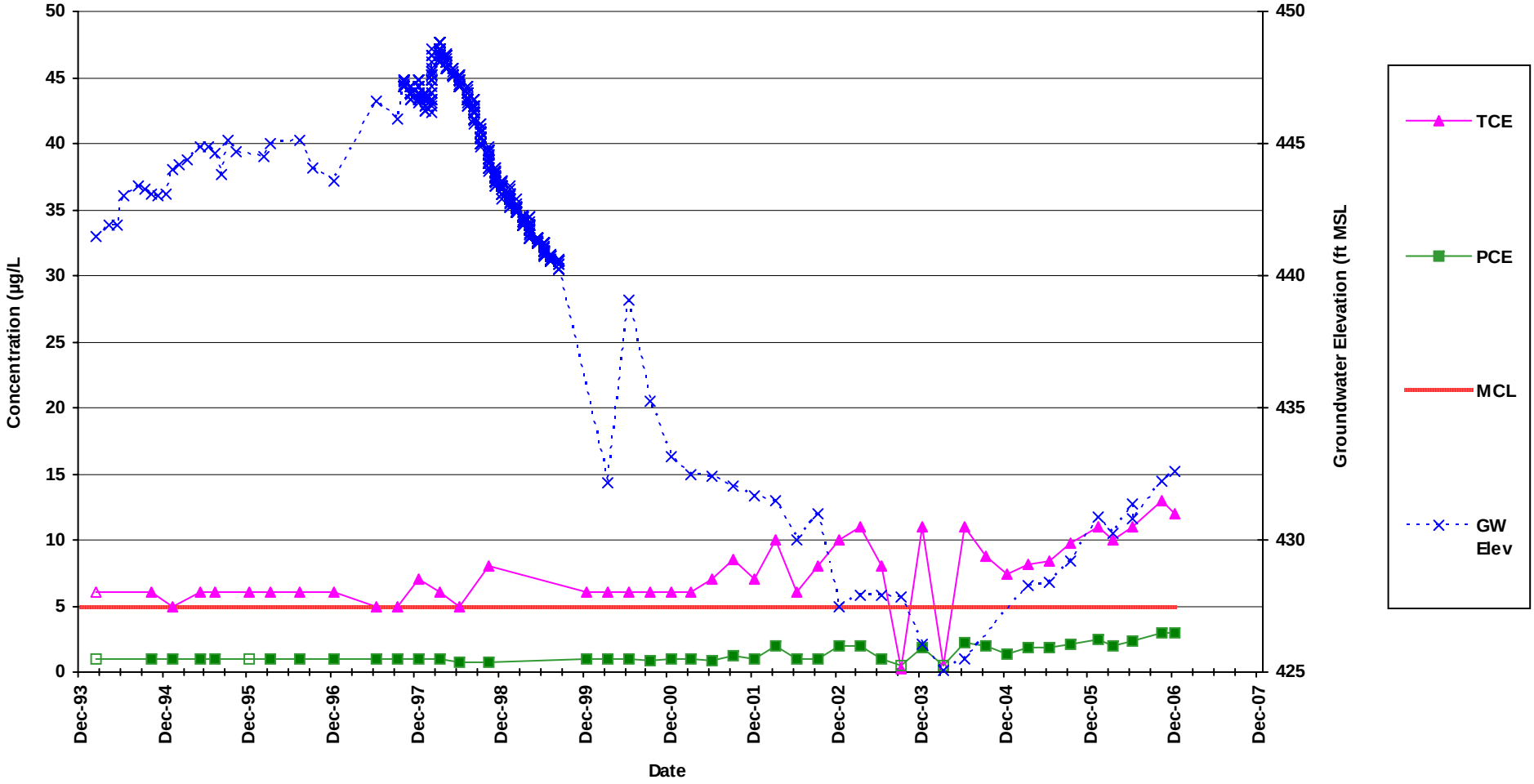


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	1	3	11
PCE	0.5	1	11

CH2MHILL

FIGURE H-10
Well CS-C03-465
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

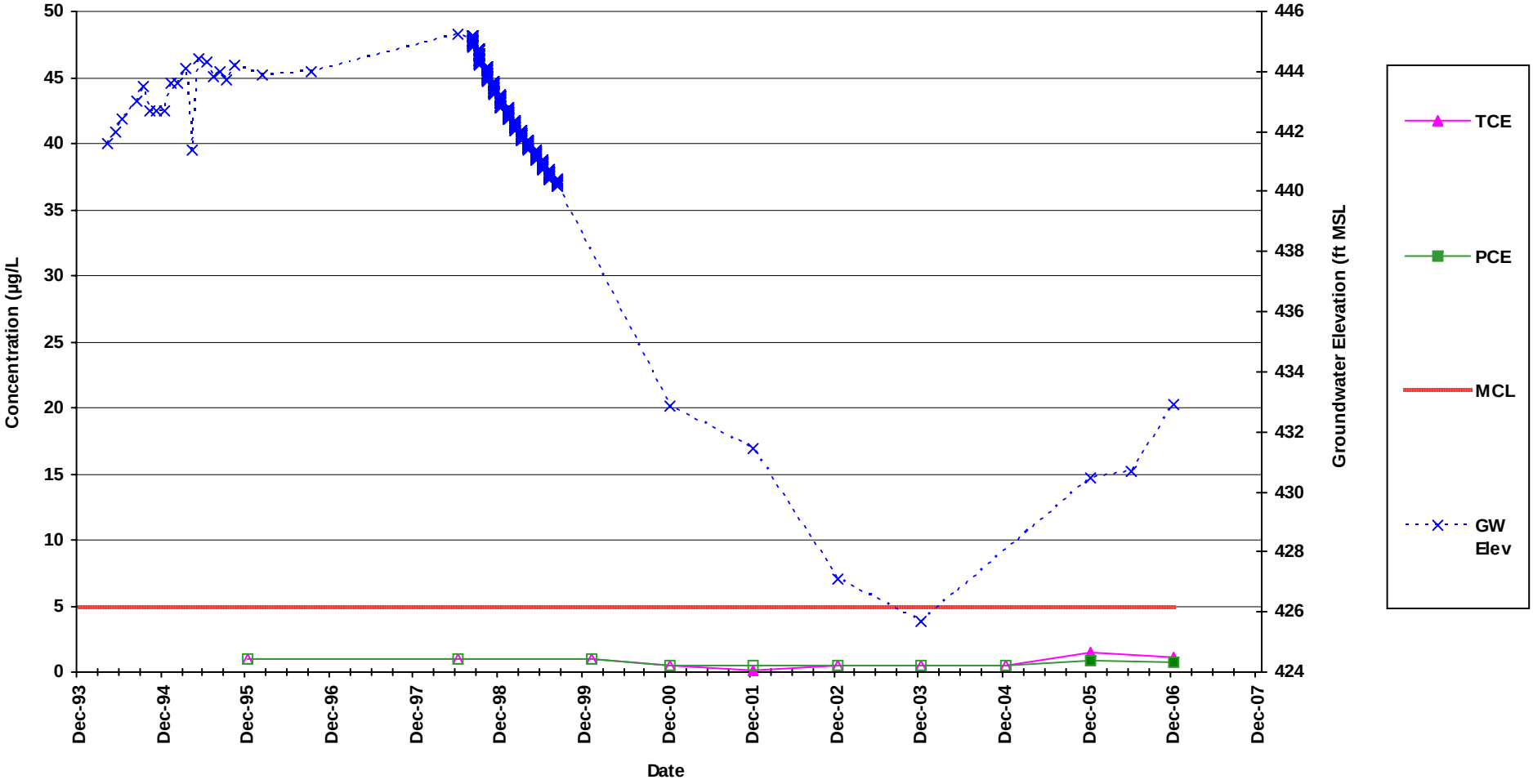


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	7	13	44
PCE	1	3	44

CH2MHILL

FIGURE H-11
Well CS-C03-550
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

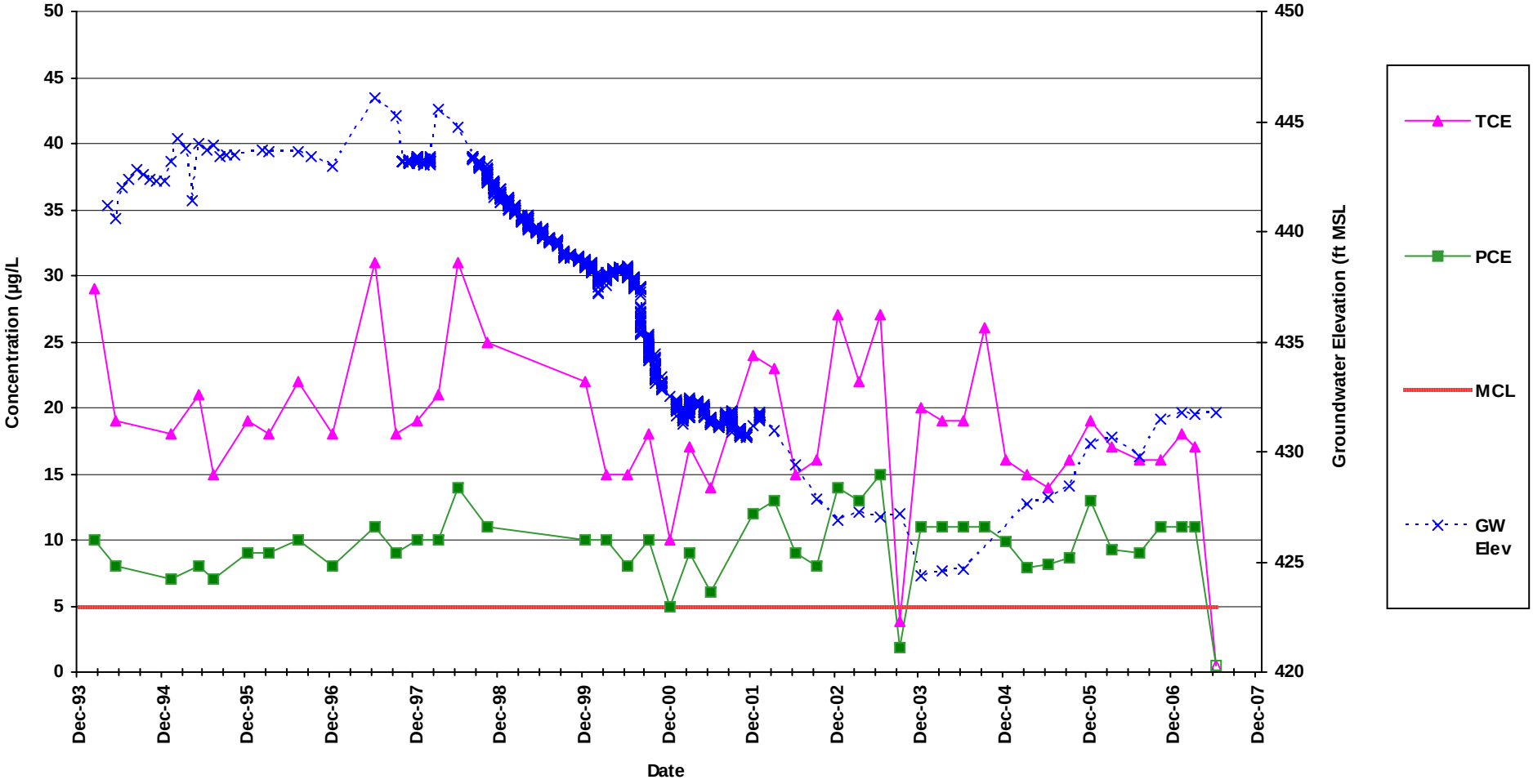


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	0.3	2	10
PCE	0.2	0.9	10

CH2MHILL

FIGURE H-12
Well CS-C04-290
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

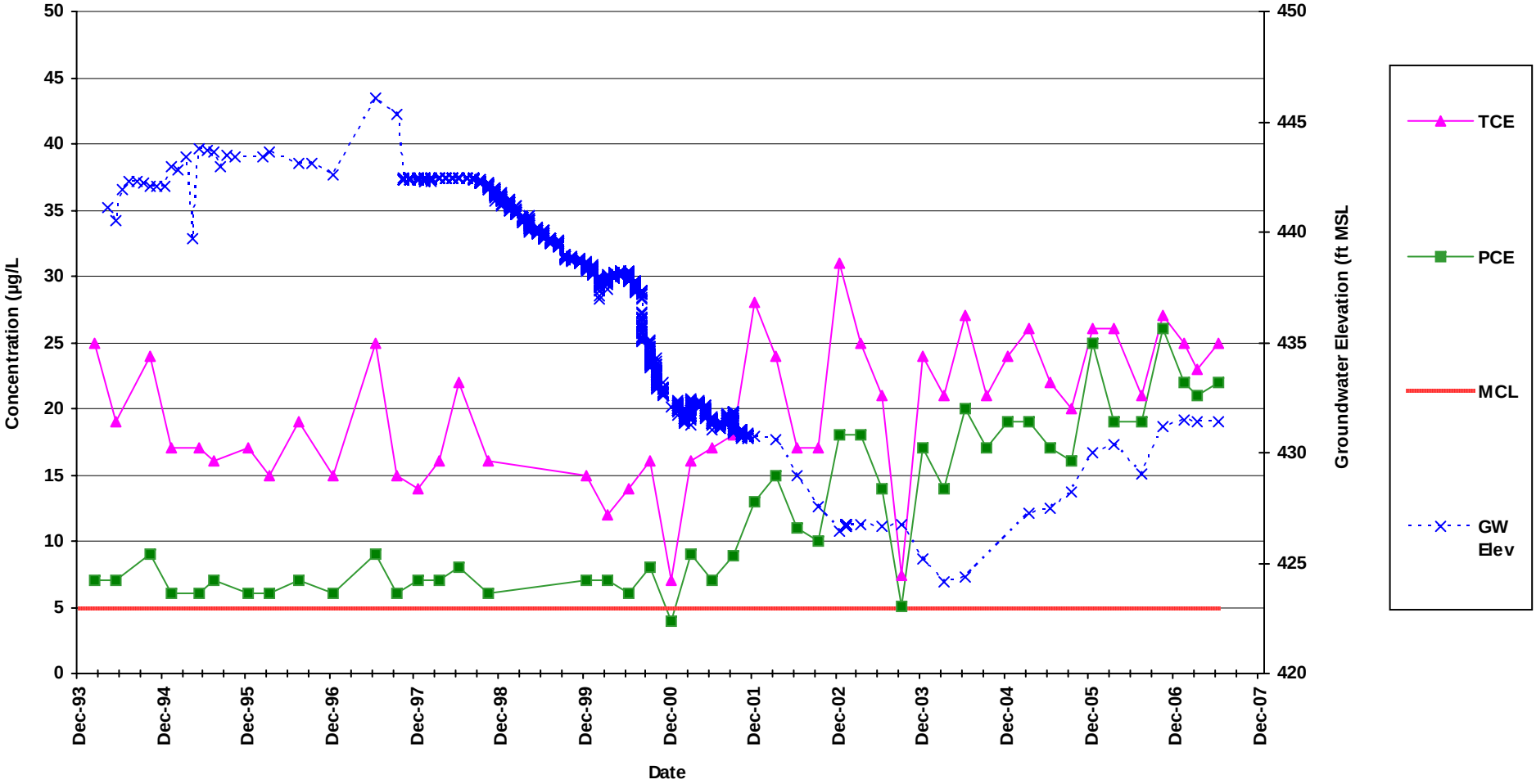


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	19	31	45
PCE	10	15	45

CH2MHILL

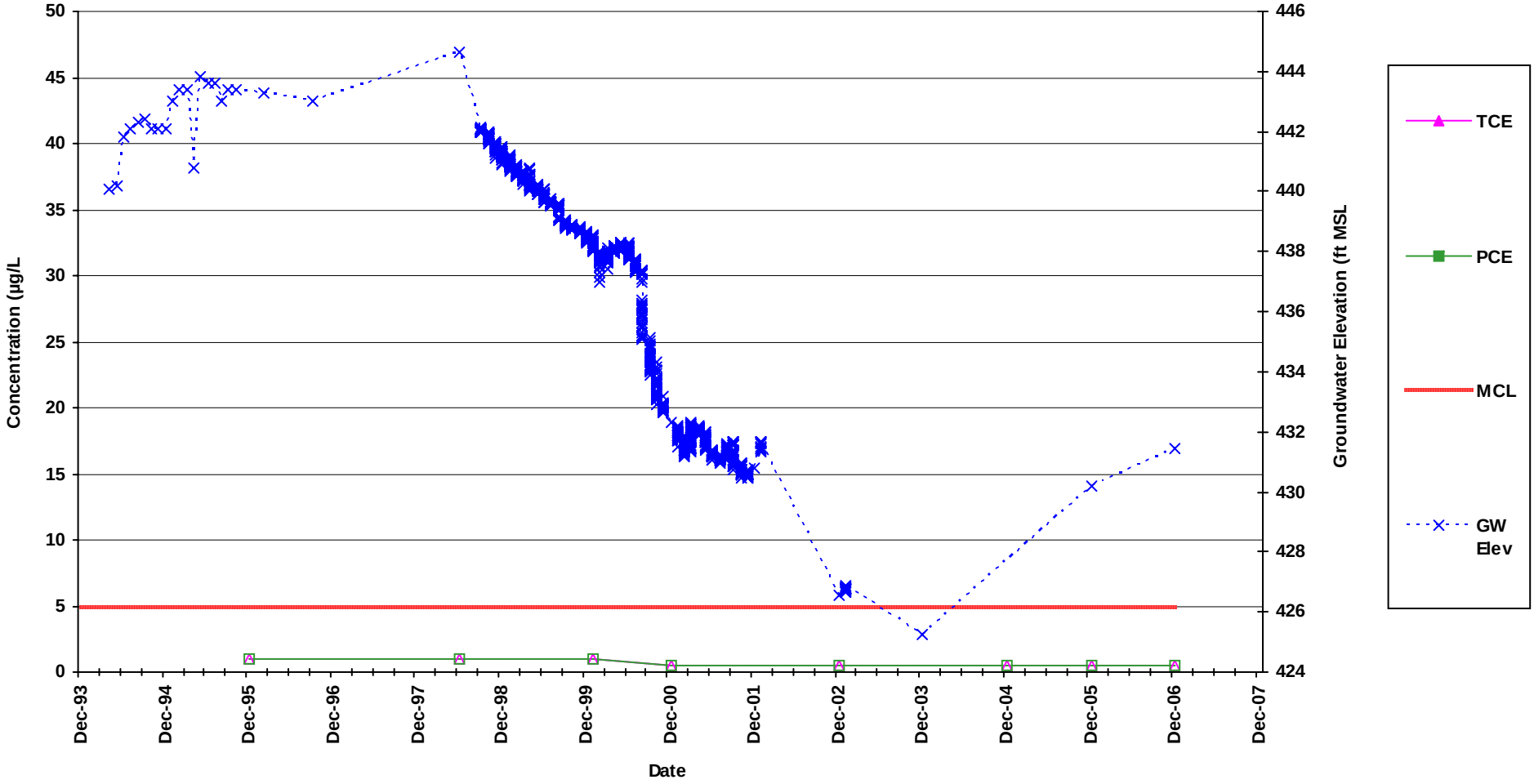
FIGURE H-13
Well CS-C04-382
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California



	Average	Maximum	Count
TCE	20	31	47
PCE	13	26	47

CH2MHILL

FIGURE H-14
Well CS-C04-520
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

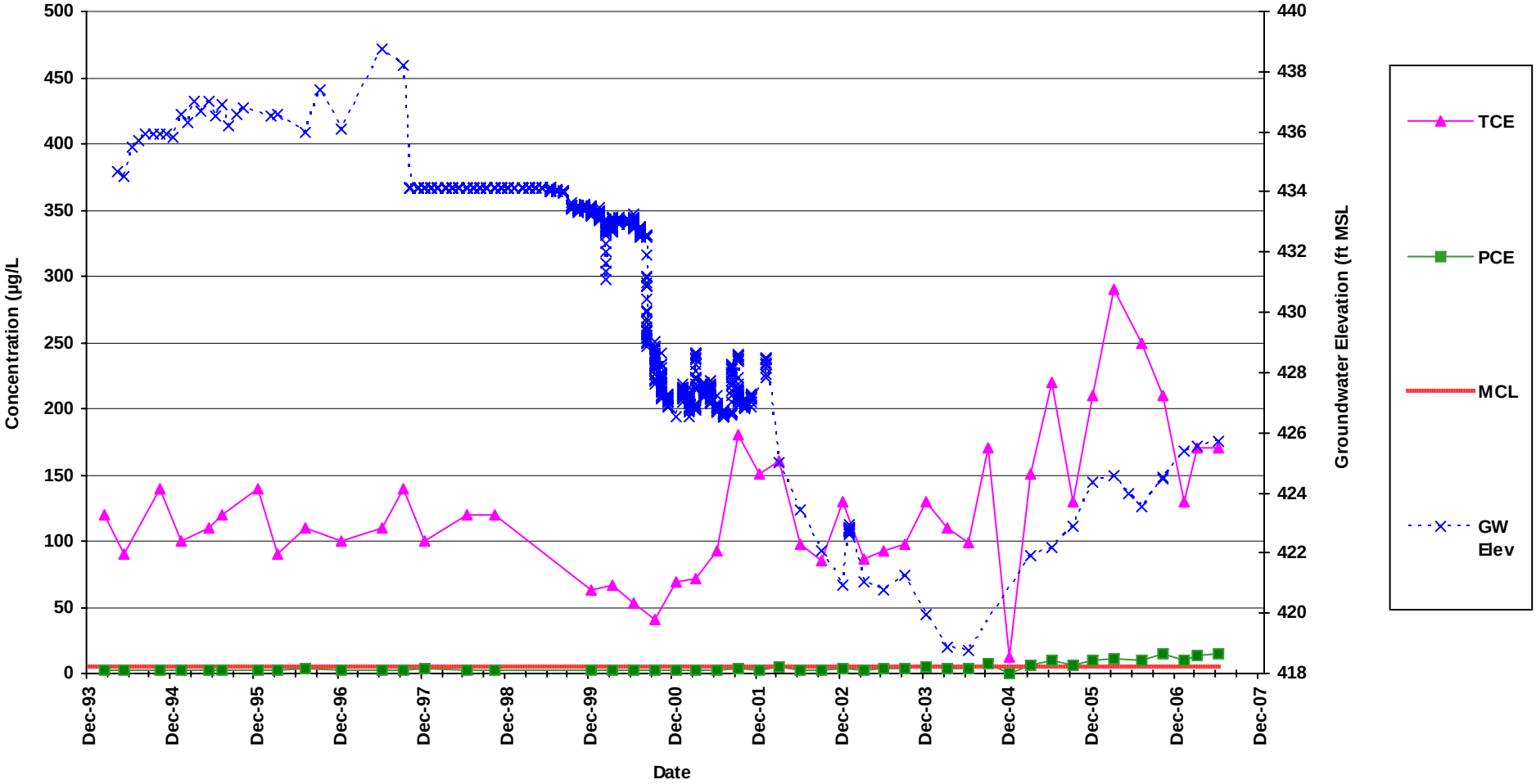


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	ND	ND	8
PCE	ND	ND	8

CH2MHILL

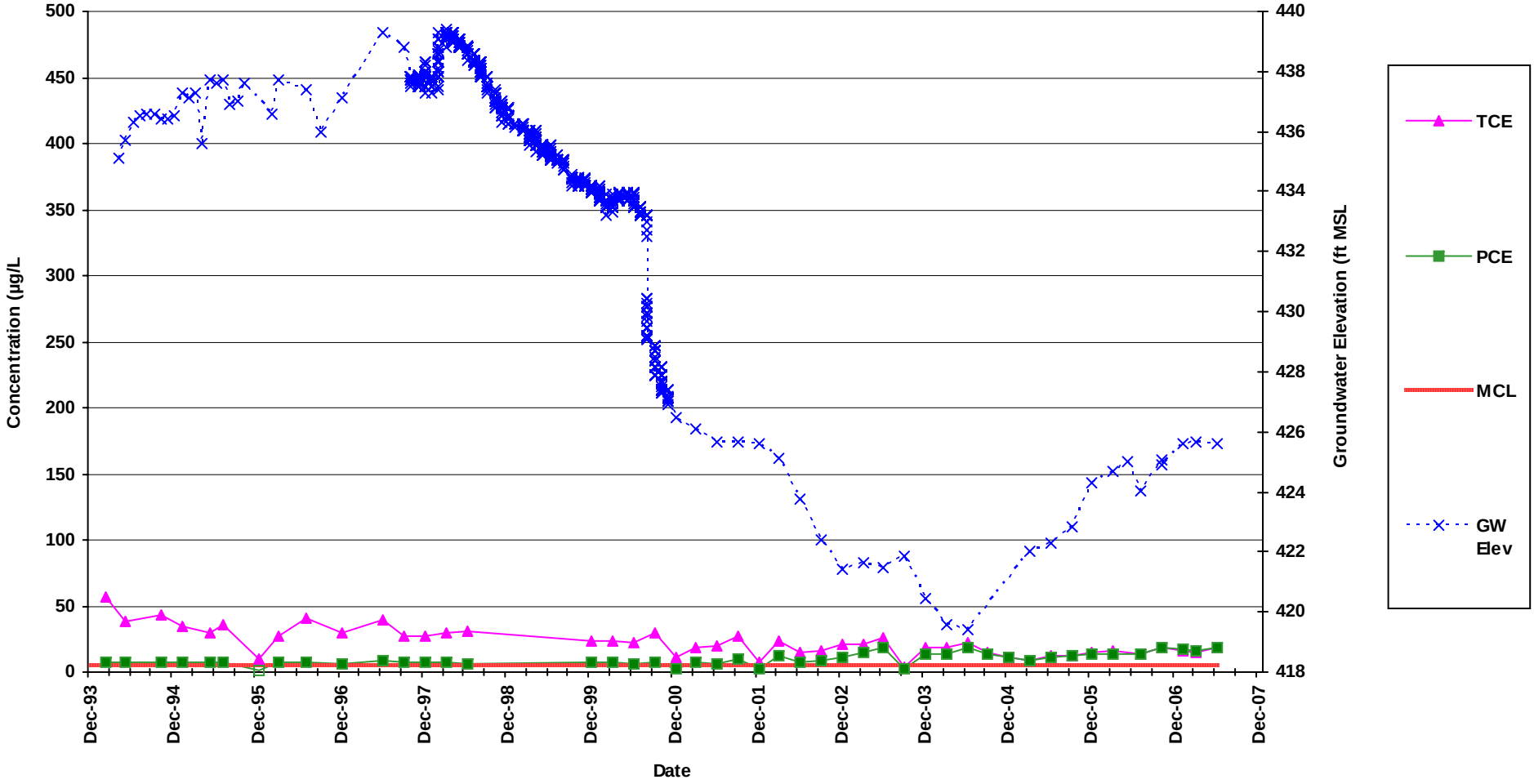
FIGURE H-15
Well CS-C05-160
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California



	Average	Maximum	Count
TCE	124	290	46
PCE	5	15	46

CH2MHILL

FIGURE H-16
Well CS-C05-290
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

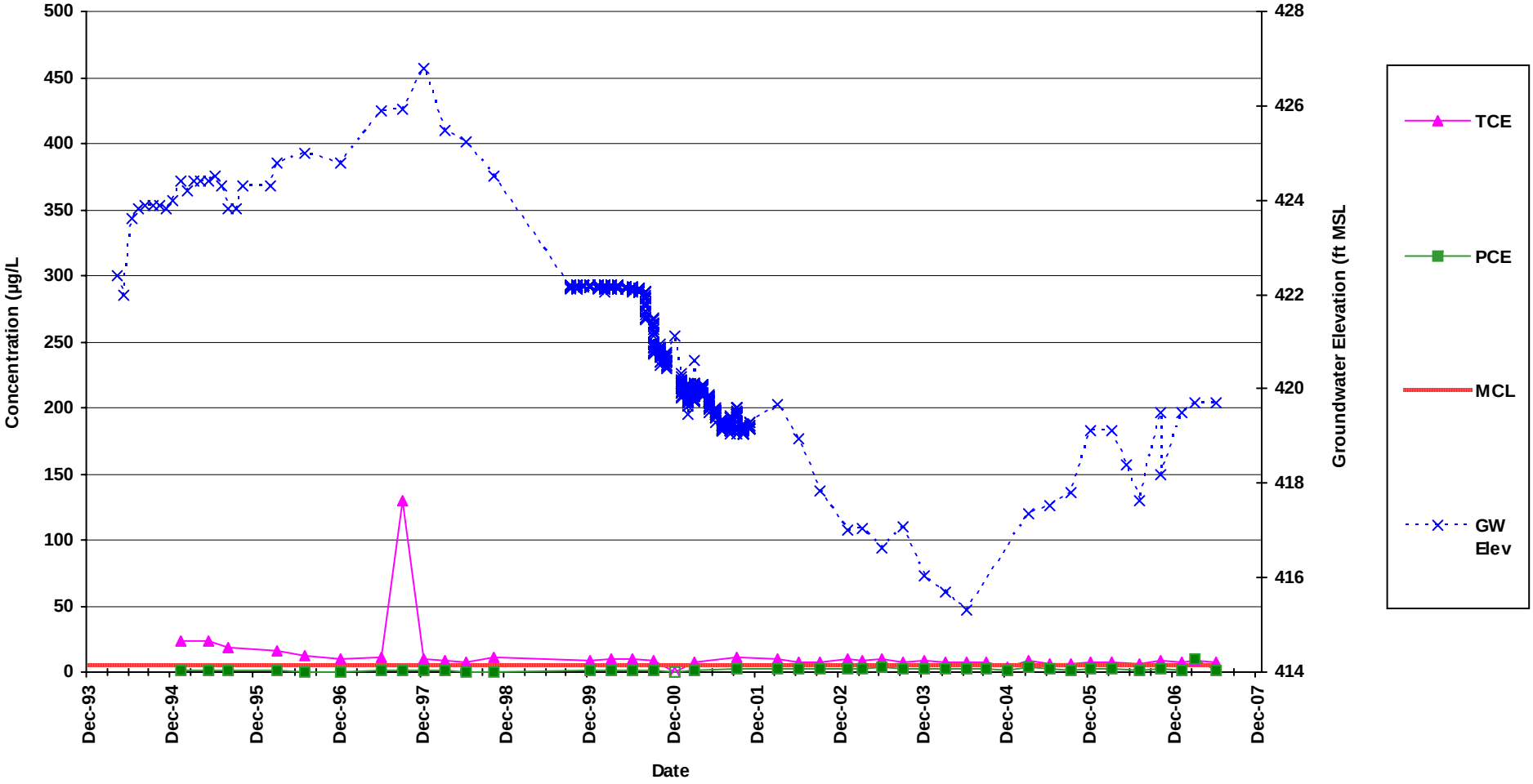


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	23	57	46
PCE	10	19	46

CH2MHILL

FIGURE H-17
Well CS-C06-185
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

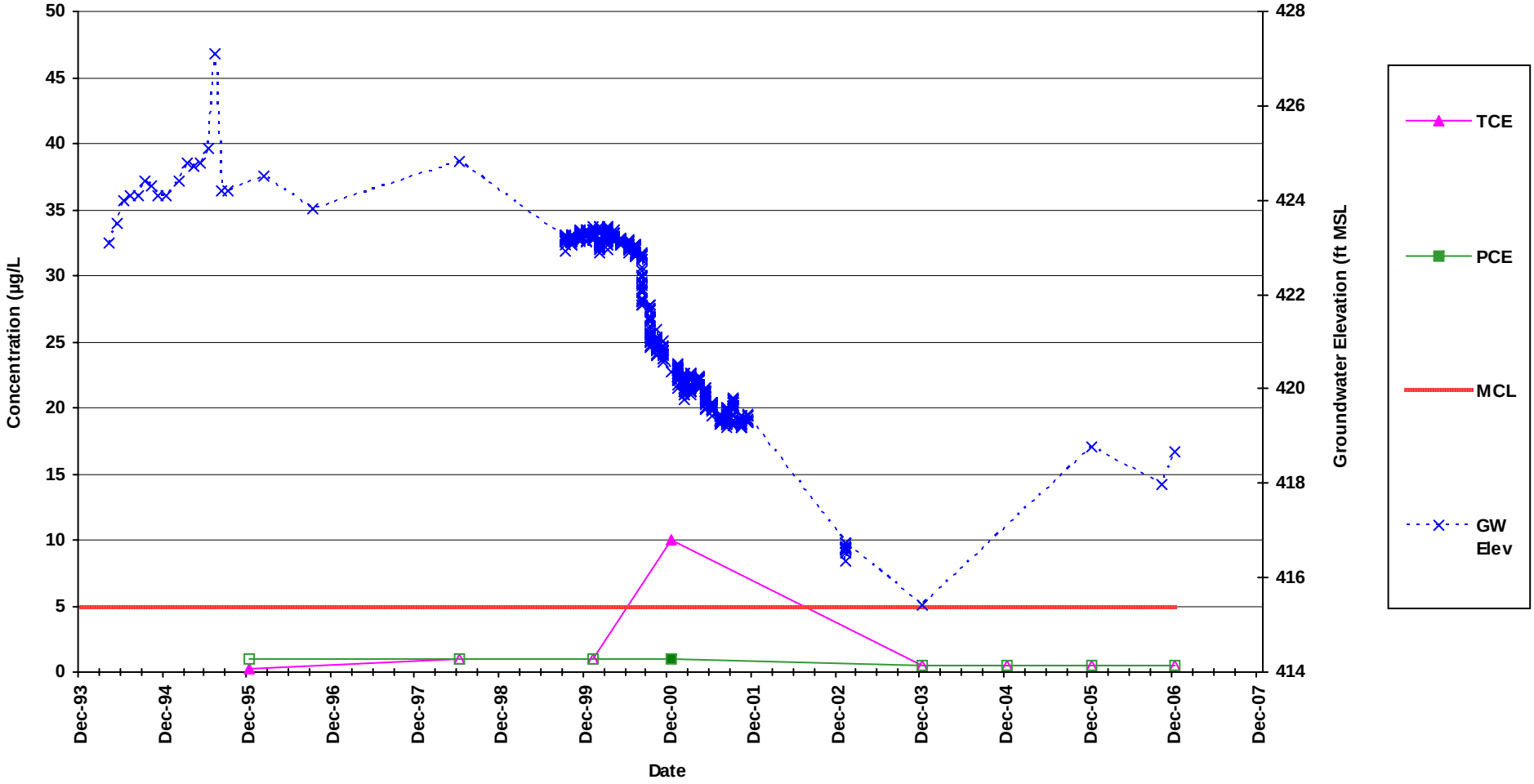


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	12	130	42
PCE	2	10	42

CH2MHILL

FIGURE H-18
Well CS-C06-278
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

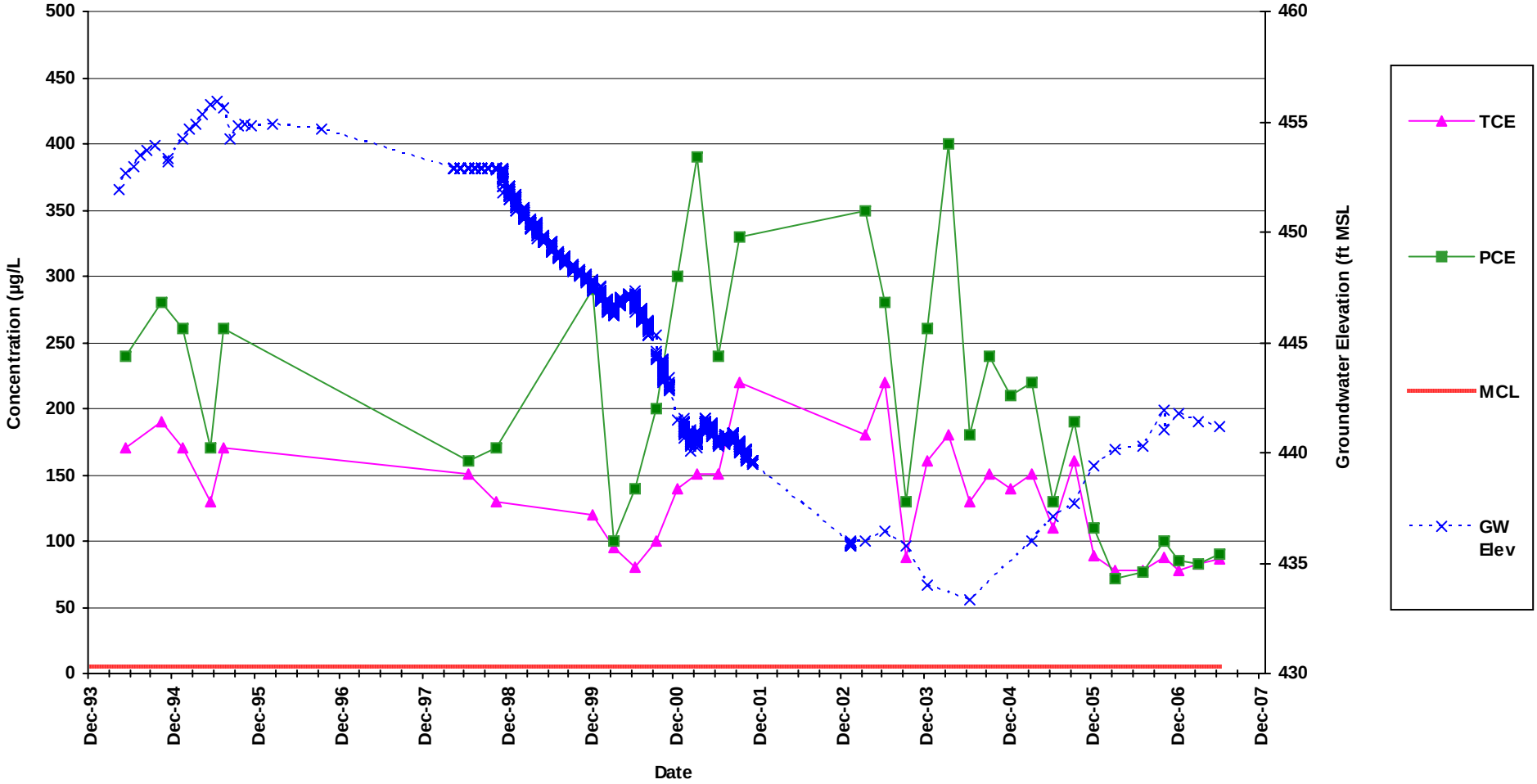


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	1	10	8
PCE	0.1	1	8

CH2MHILL

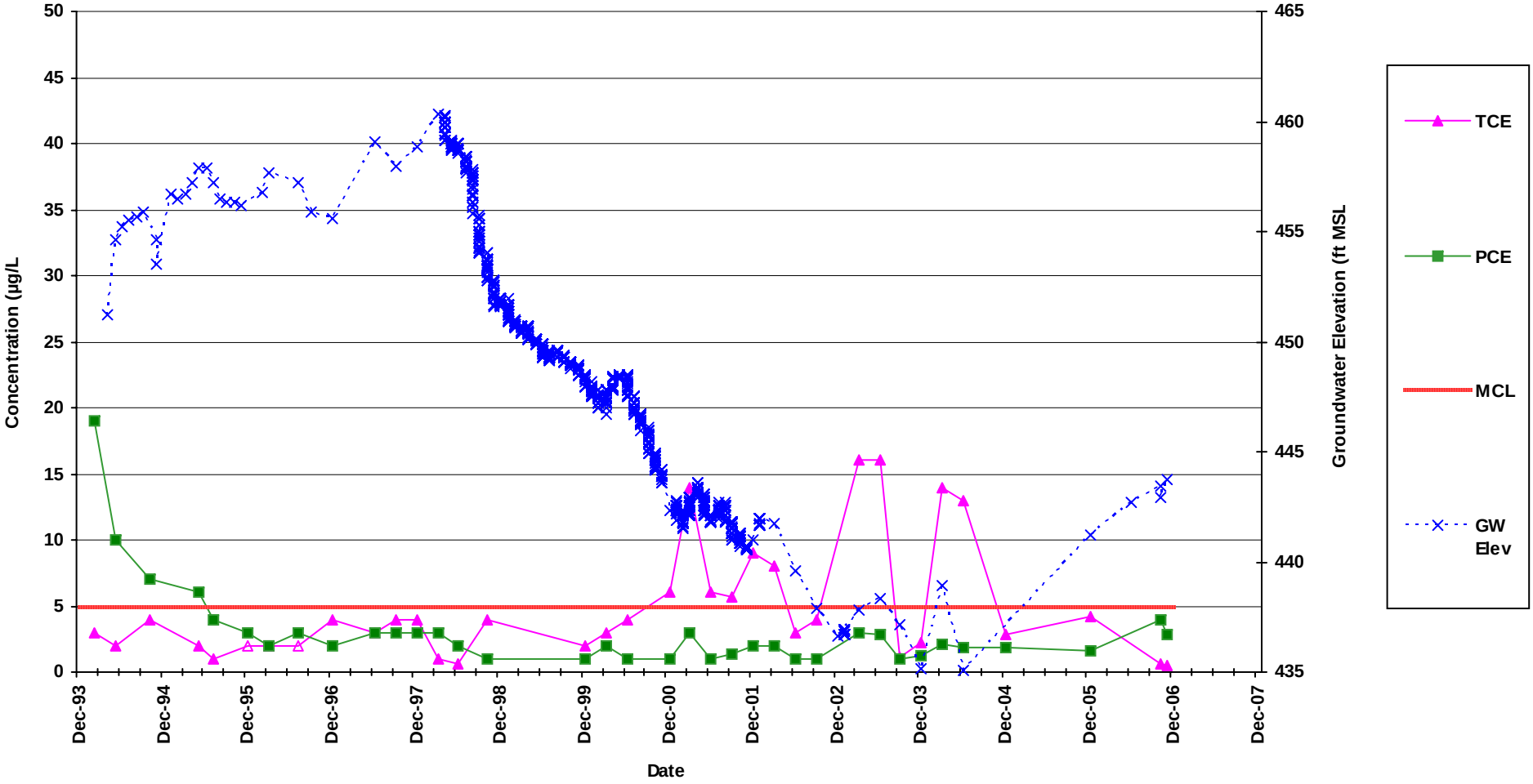
FIGURE H-19
Well CS-VPB-01
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California



	Average	Maximum	Count
TCE	132	220	34
PCE	201	400	34

CH2MHILL

FIGURE H-20
Well CS-VPB-02
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

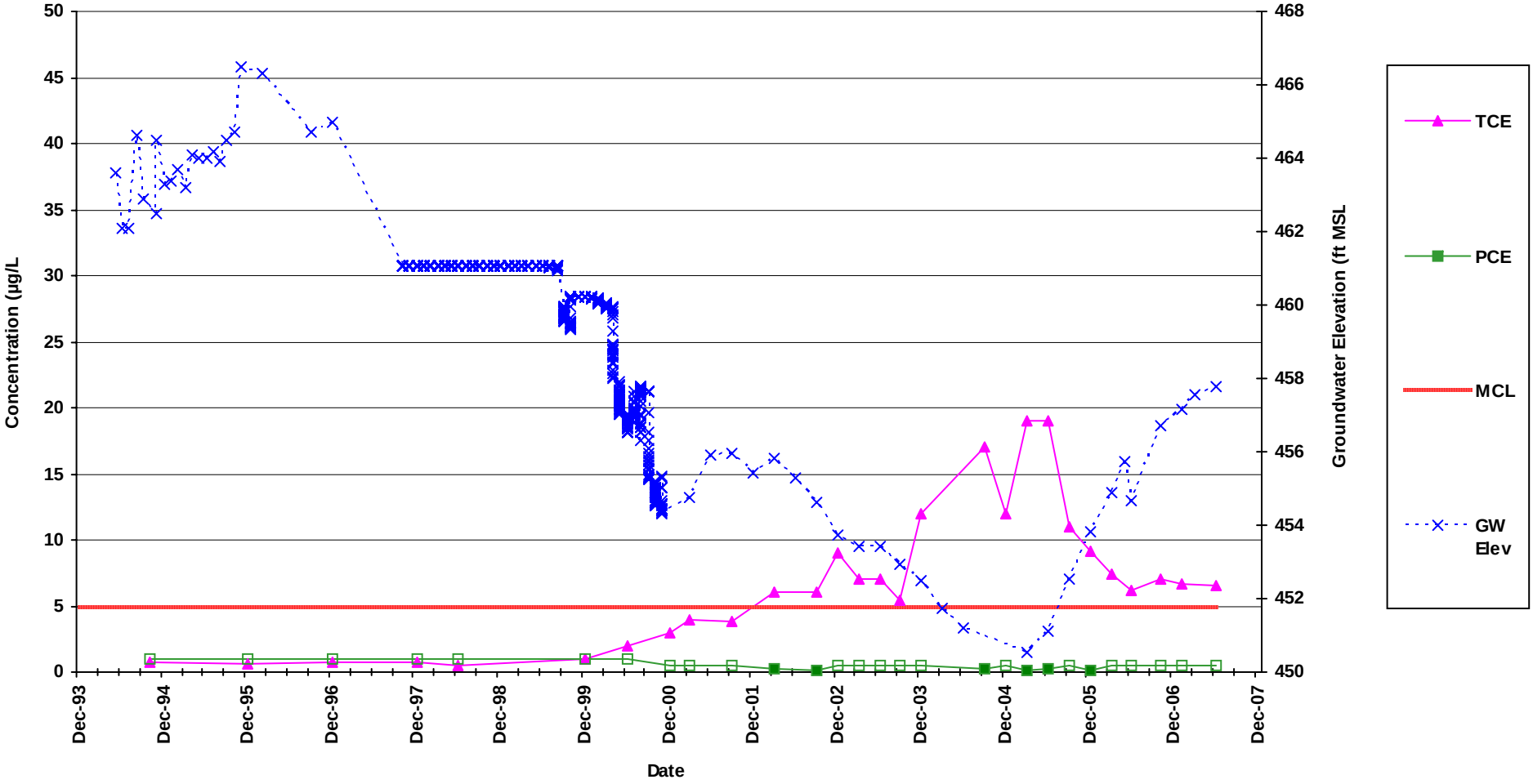


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	5	16	36
PCE	3	19	36

CH2MHILL

FIGURE H-21
Well CS-VPB-03
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

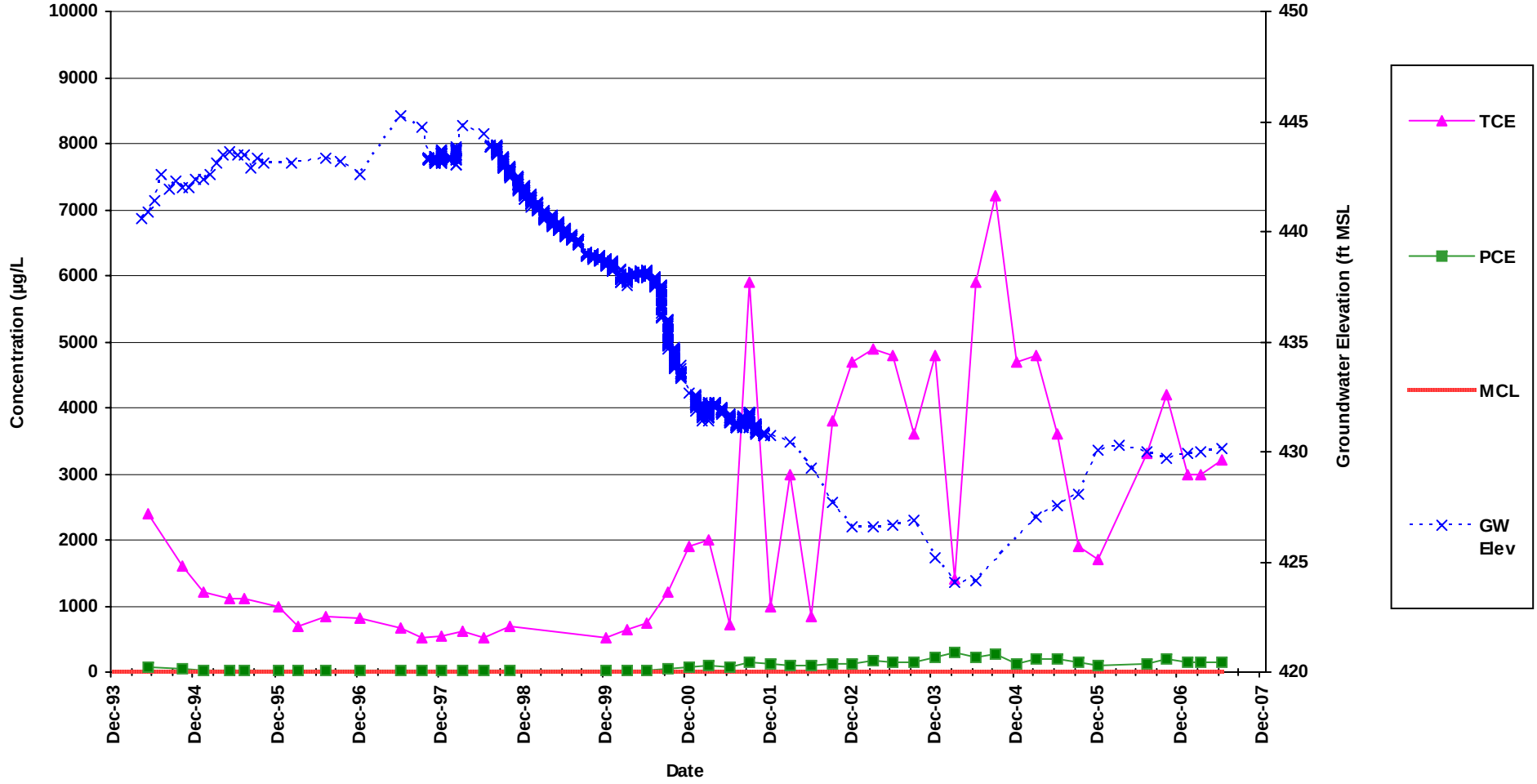


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	7	19	28
PCE	0.03	0.3	28

CH2MHILL

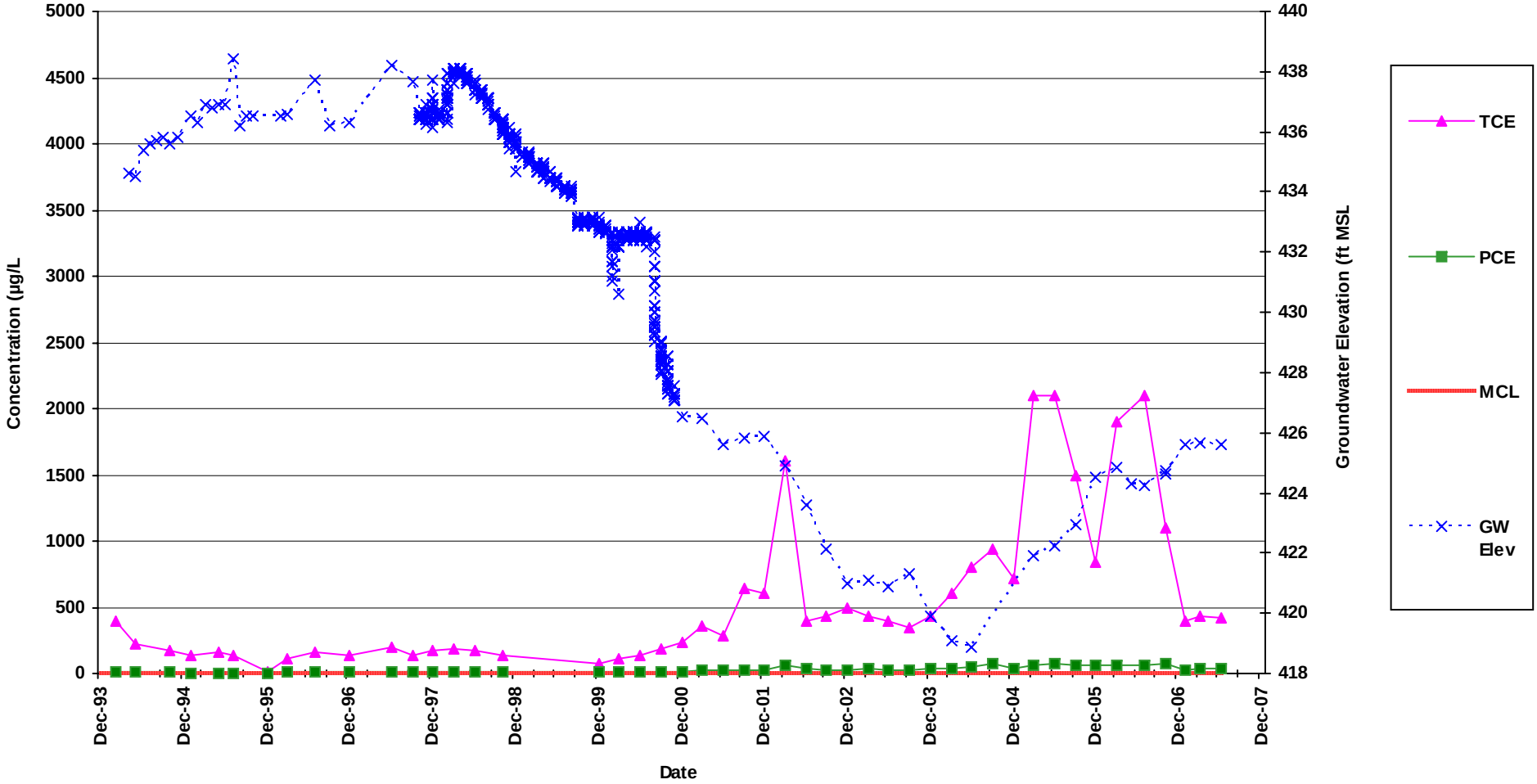
FIGURE H-22
Well CS-VPB-04
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California



	Average	Maximum	Count
TCE	2,429	7,200	45
PCE	109	300	45

CH2MHILL

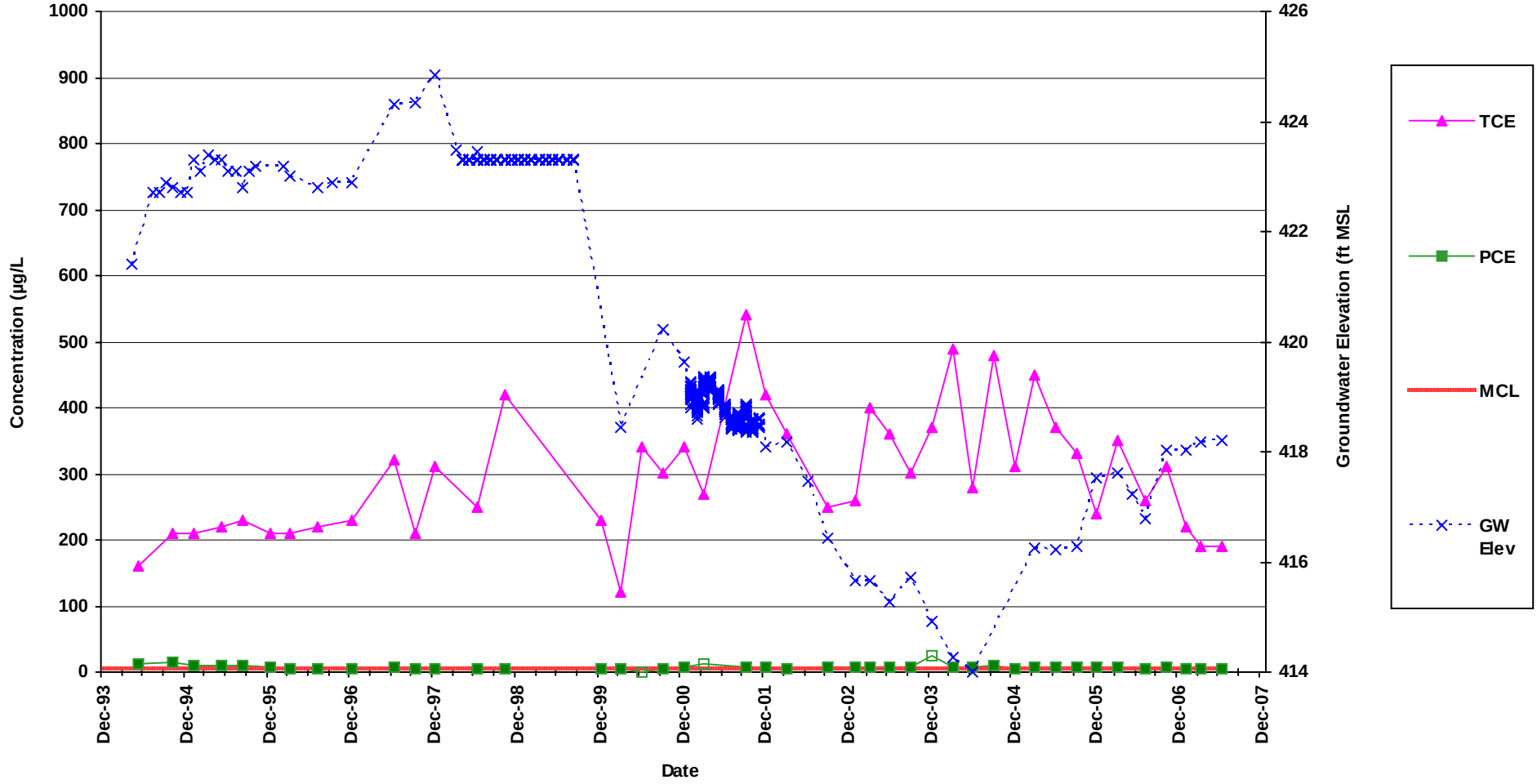
FIGURE H-23
Well CS-VPB-05
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California



	Average	Maximum	Count
TCE	522	2,100	47
PCE	27	74	47

CH2MHILL

FIGURE H-24
Well CS-VPB-06
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

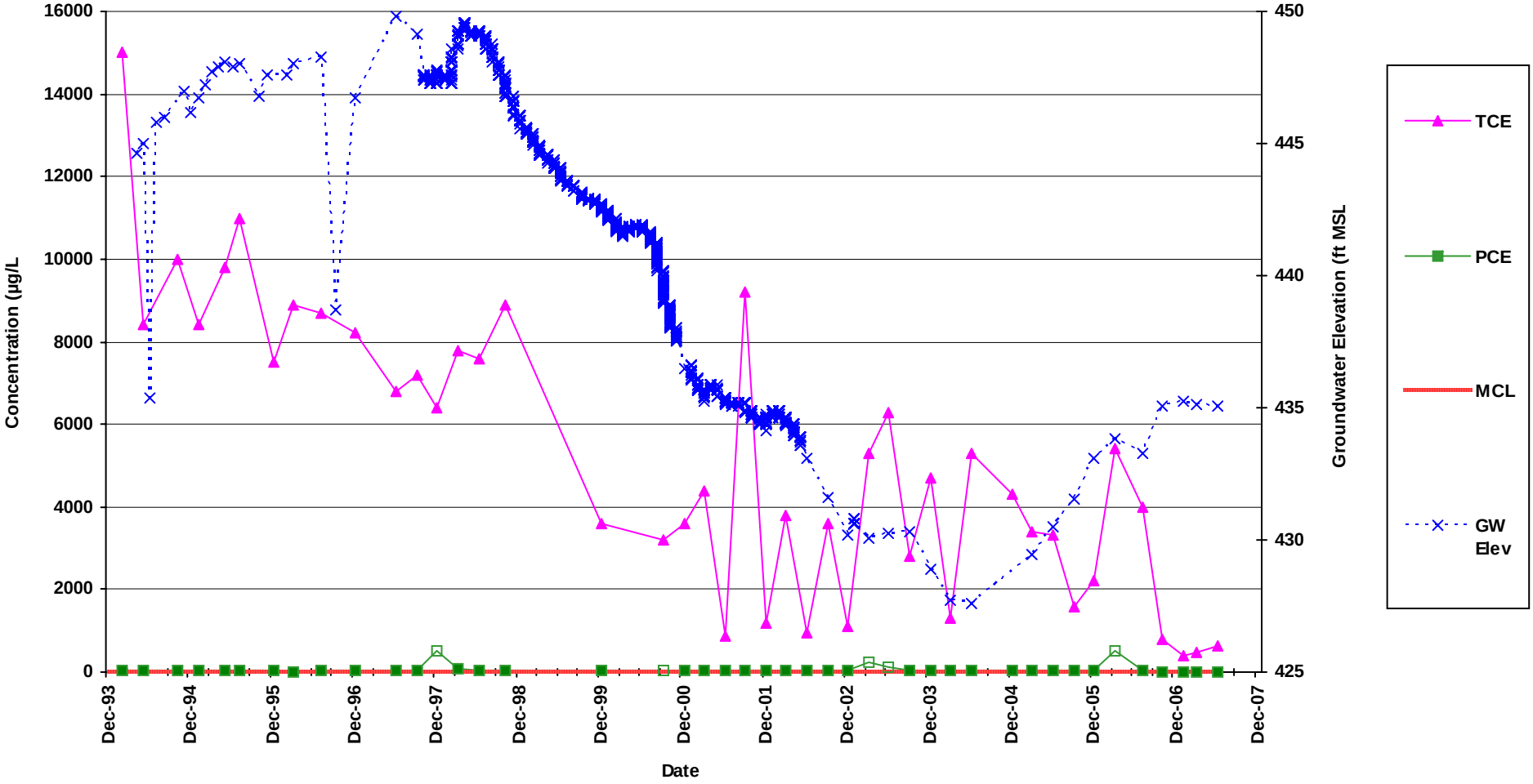


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	292	540	43
PCE	6	14	43

CH2MHILL

FIGURE H-25
Well CS-VPB-07
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

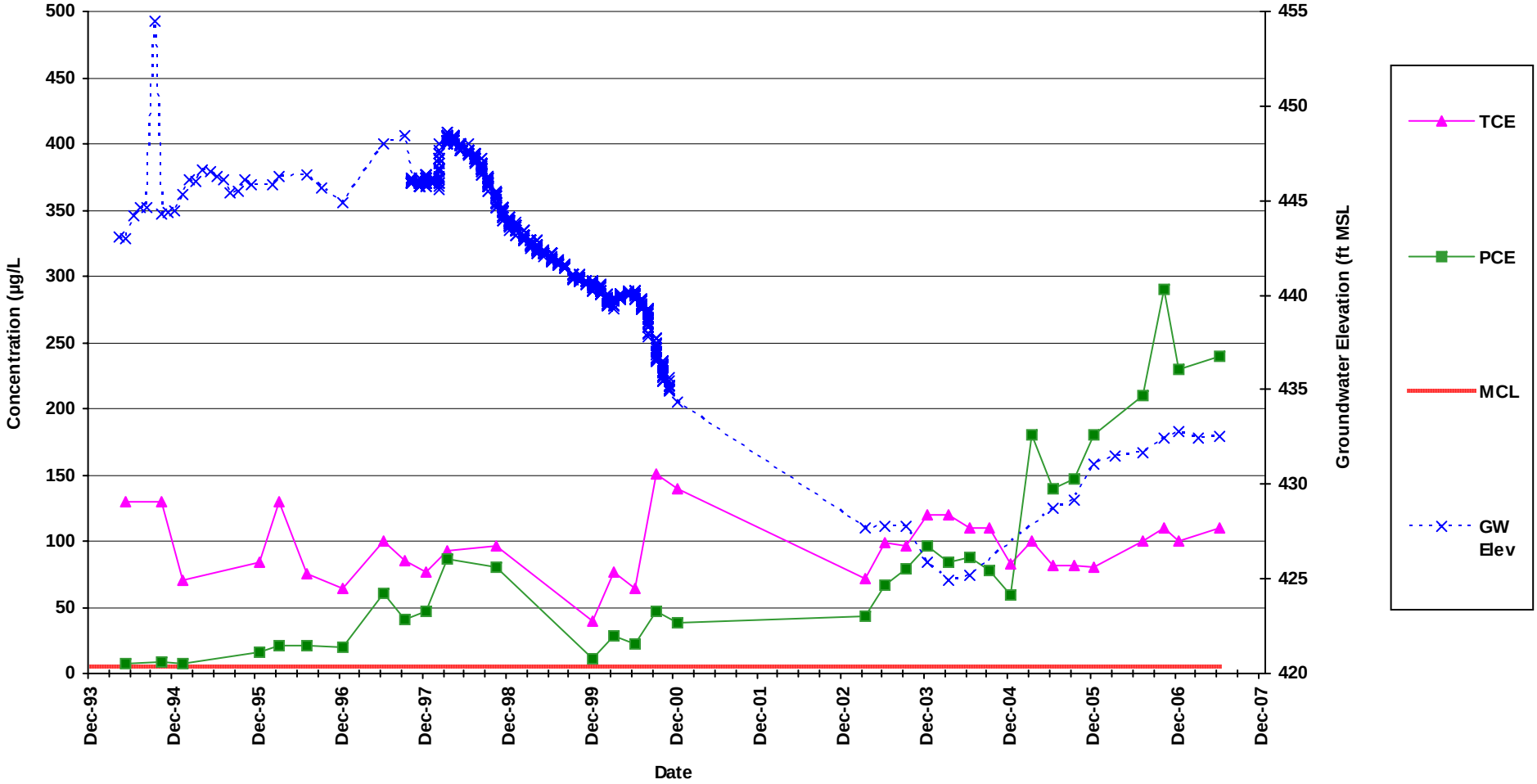


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	4,986	15,000	44
PCE	28	79	44

CH2MHILL

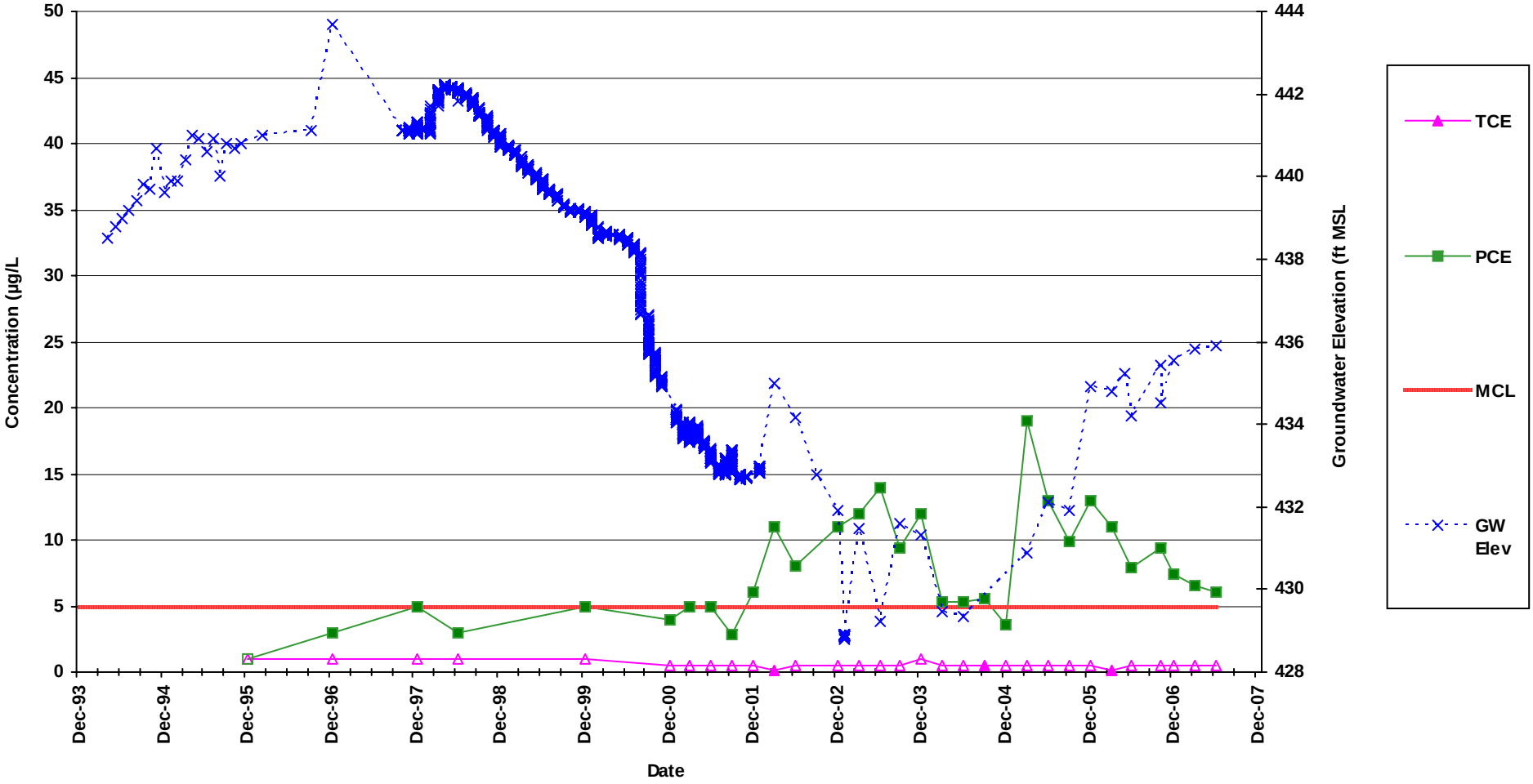
FIGURE H-26
Well CS-VPB-08
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California



	Average	Maximum	Count
TCE	96	150	33
PCE	87	290	33

CH2MHILL

FIGURE H-27
Well CS-VPB-09
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

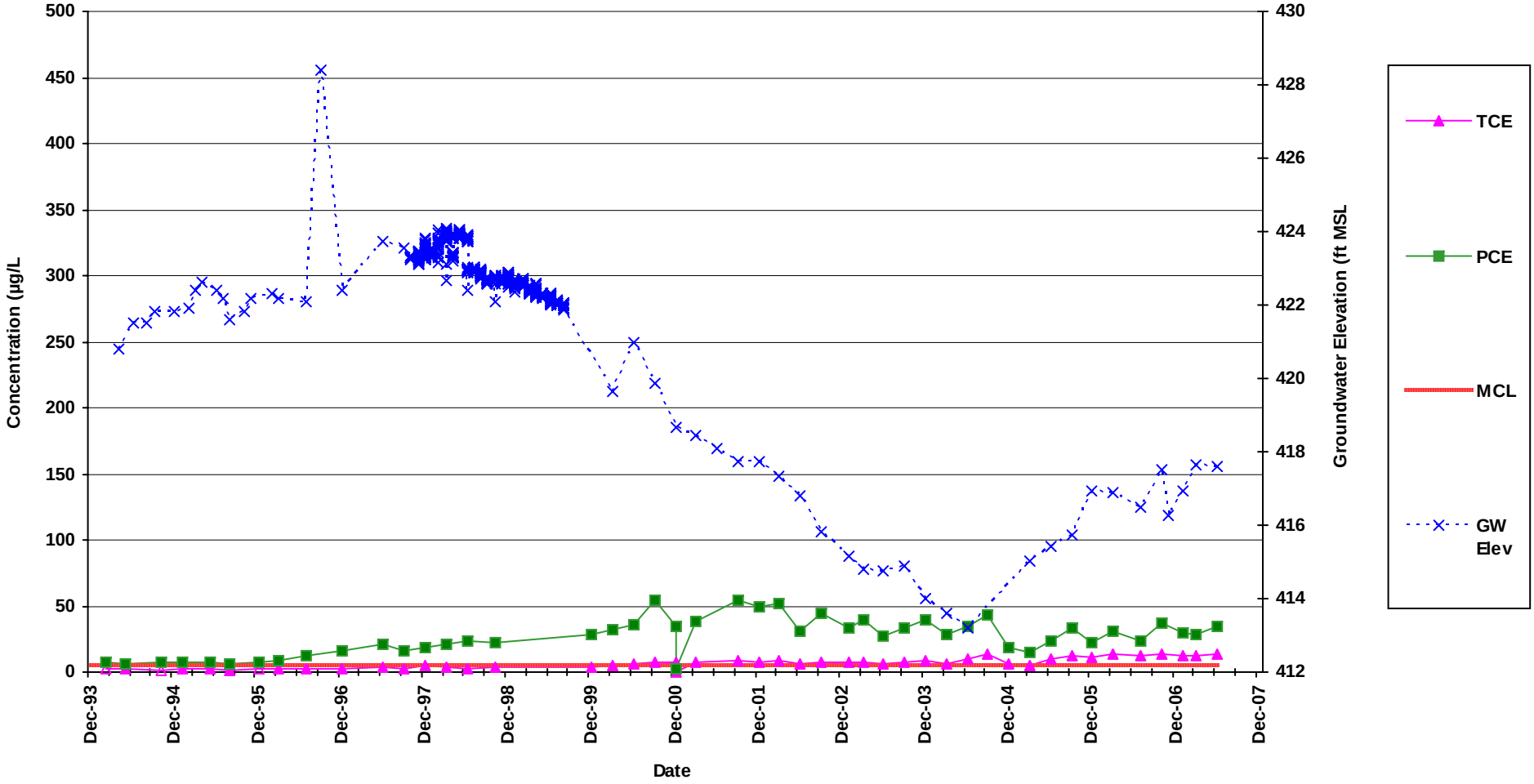


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	0.02	0.5	32
PCE	8	19	32

CH2MHILL

FIGURE H-28
Well CS-VPB-10
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

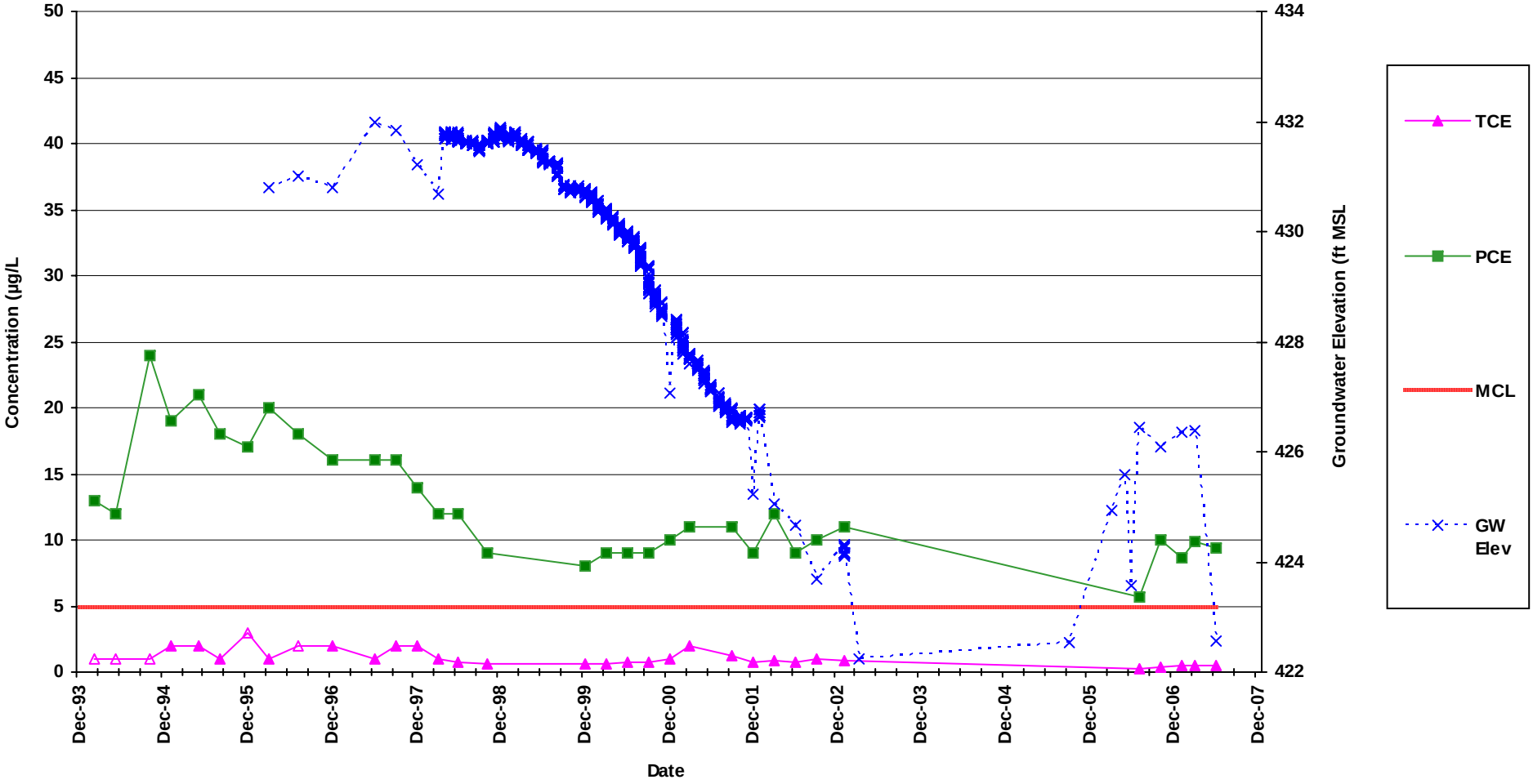


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	7	14	48
PCE	27	54	48

CH2MHILL

FIGURE H-29
Well CS-VPB-11
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

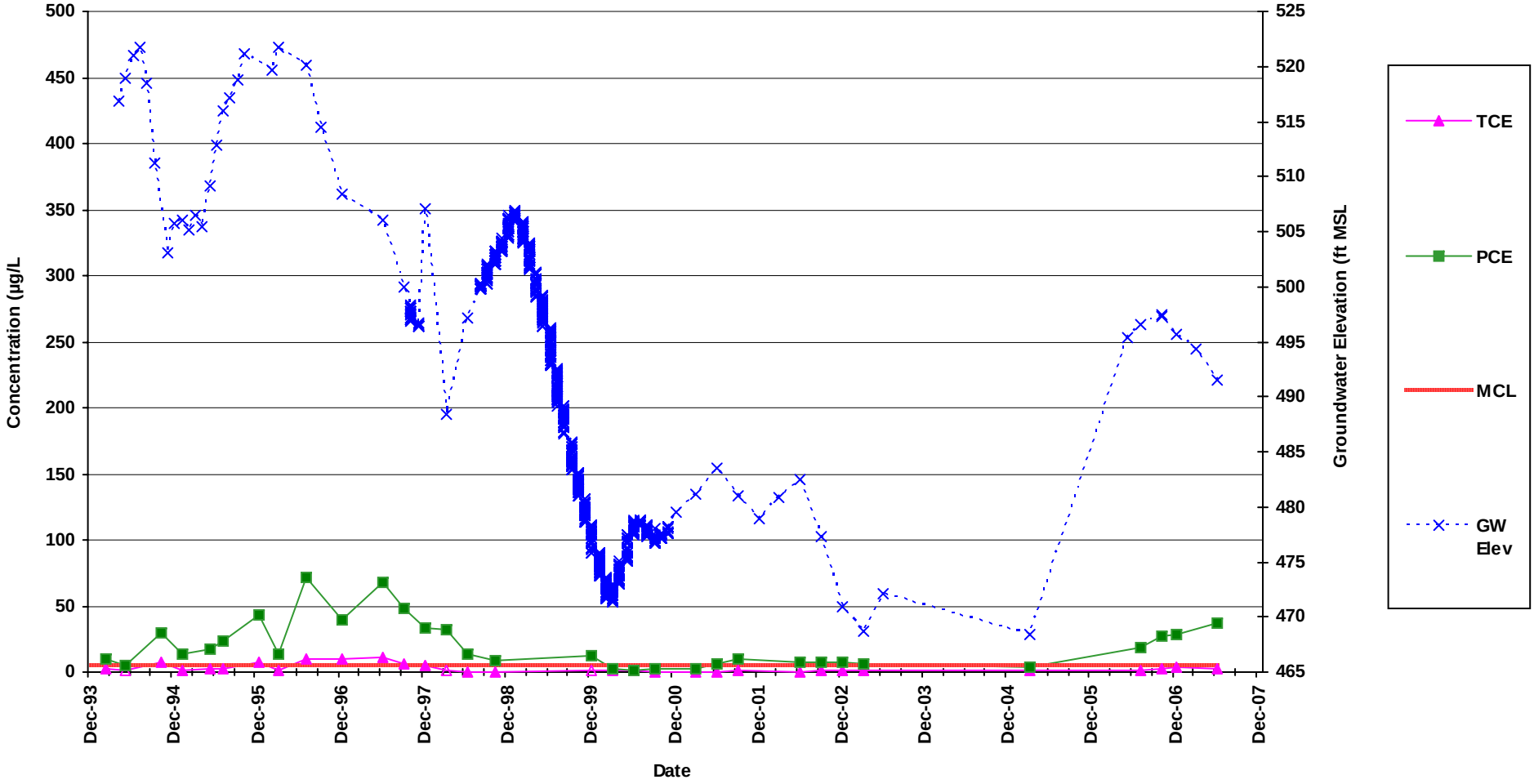


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	0.8	2	33
PCE	13	24	33

CH2MHILL

FIGURE H-30
Well NH-C01-325
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

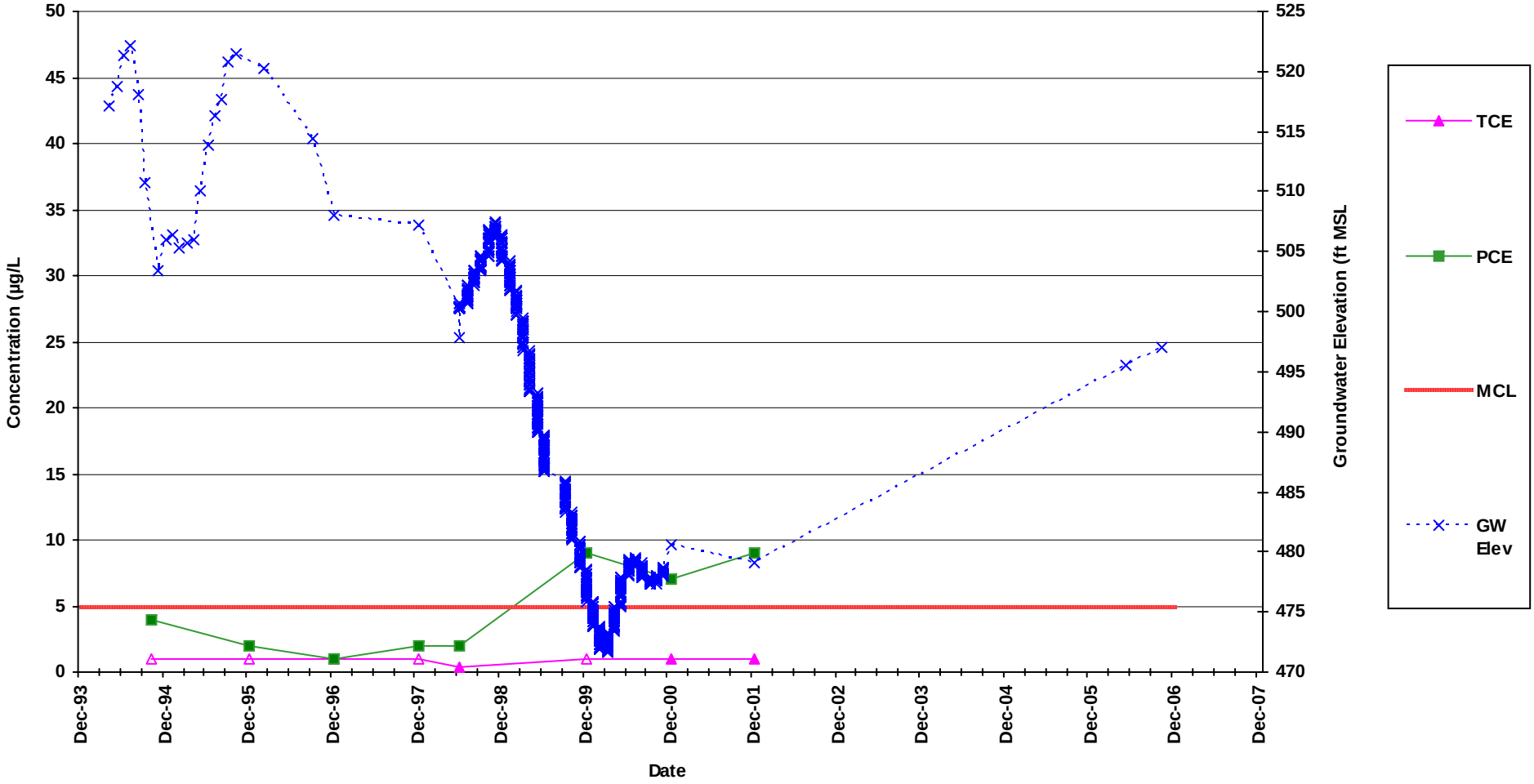


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	3	11	32
PCE	23	71	32

CH2MHILL

FIGURE H-31
Well NH-C01-450
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

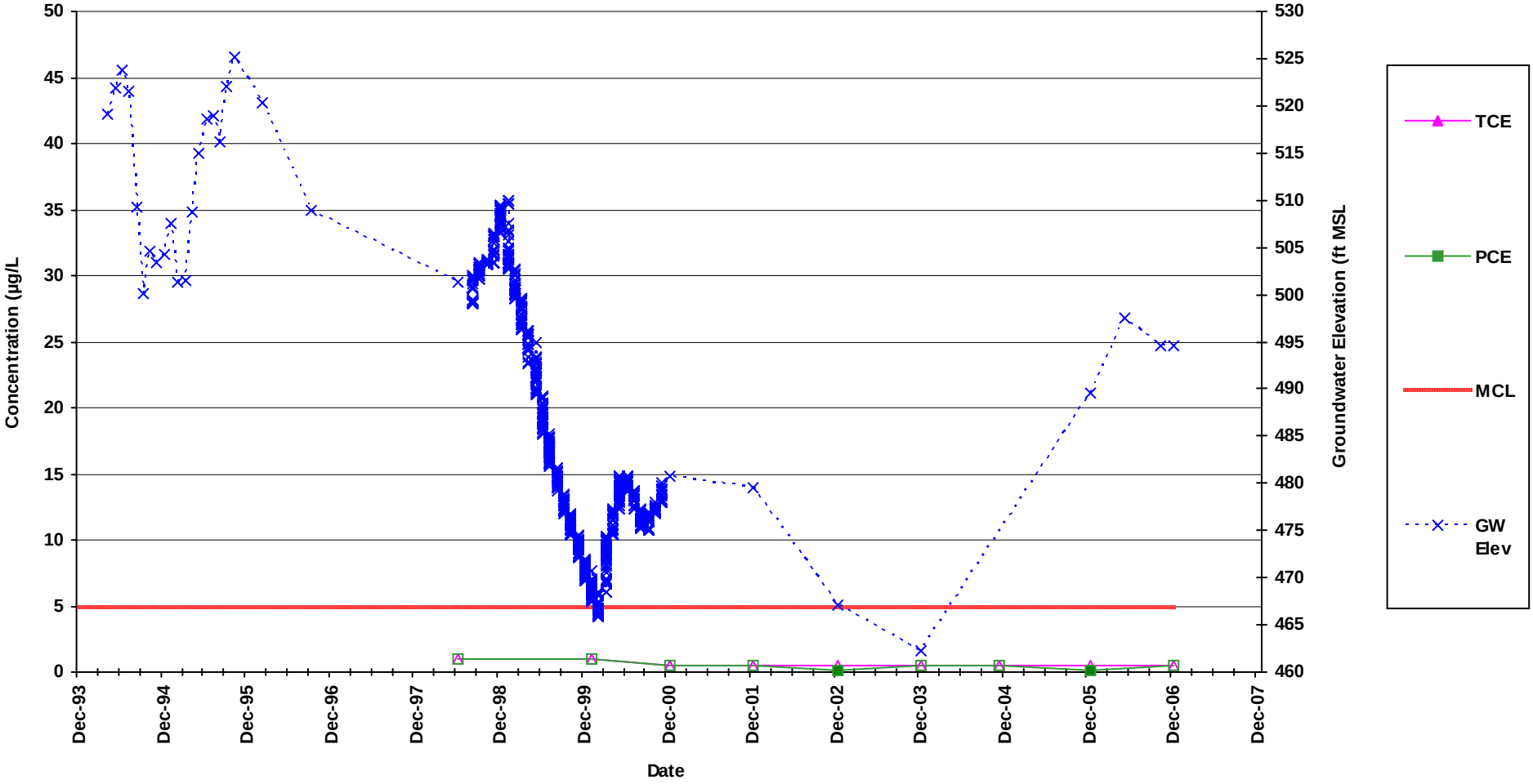


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	0.3	1	8
PCE	5	9	8

CH2MHILL

FIGURE H-32
Well NH-C01-660
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

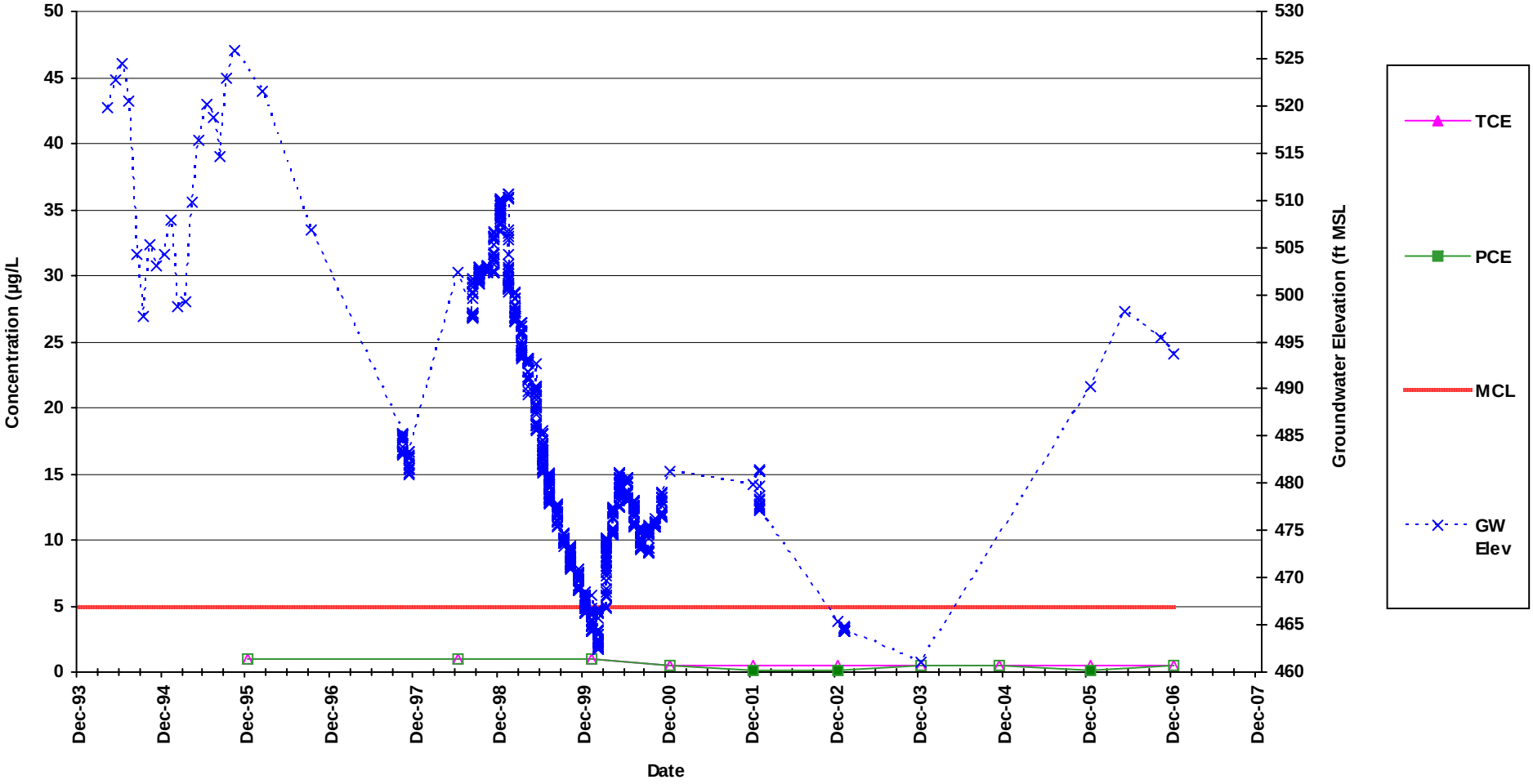


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	ND	ND	9
PCE	0.02	0.1	9

CH2MHILL

FIGURE H-33
Well NH-C01-780
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

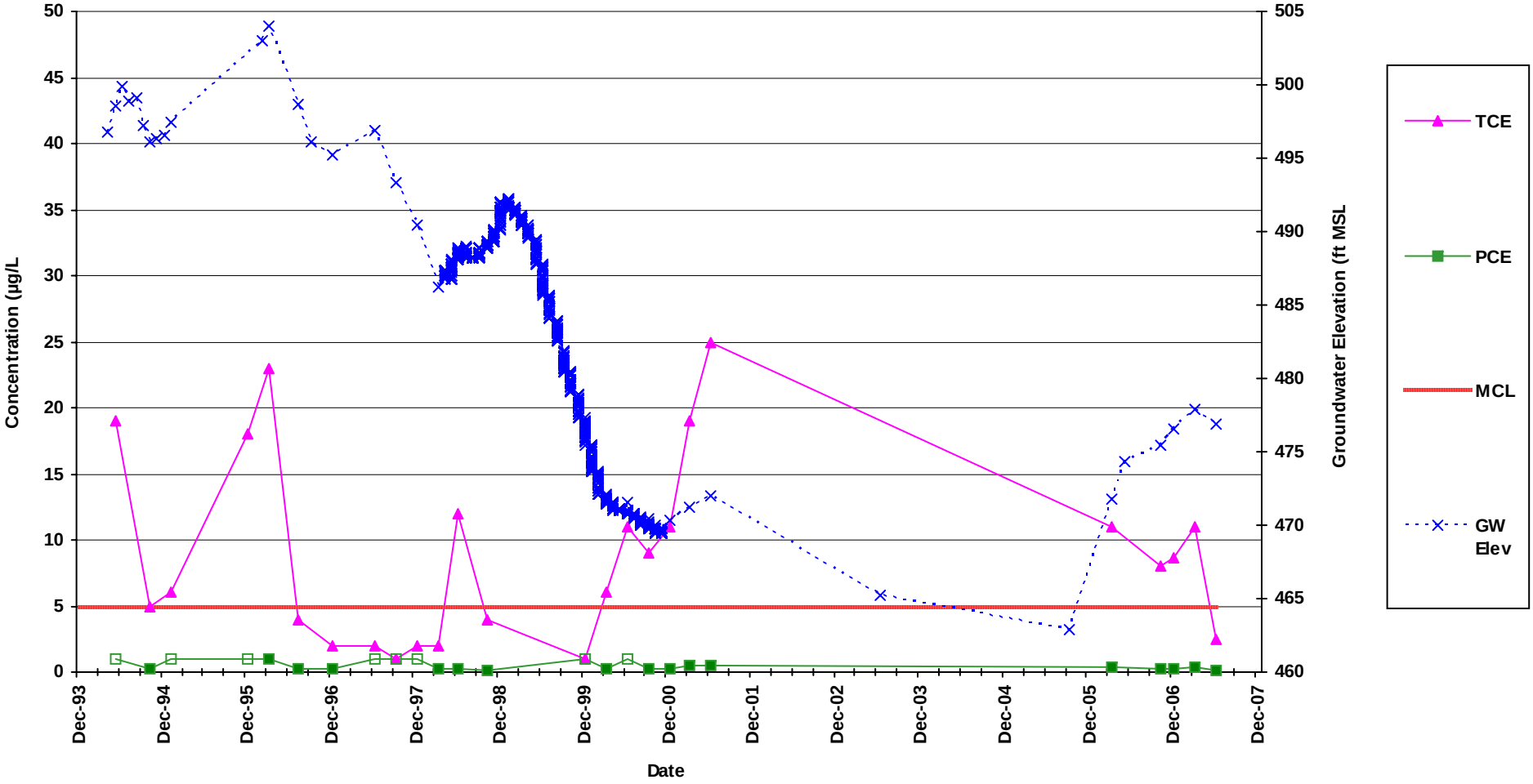


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	ND	ND	10
PCE	0.03	0.1	10

CH2MHILL

FIGURE H-34
Well NH-C02-220
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

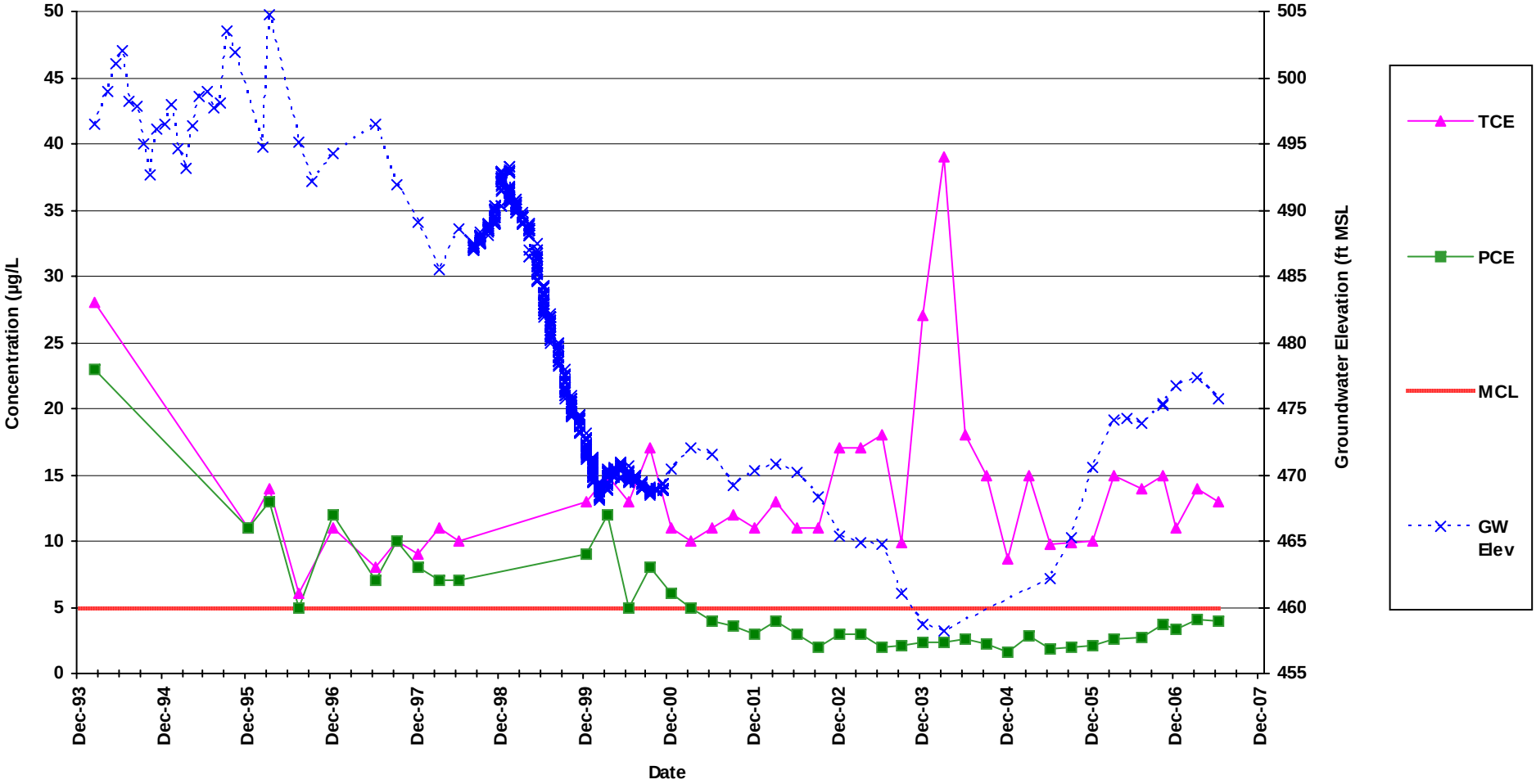


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	9	25	25
PCE	0.2	1	25

CH2MHILL

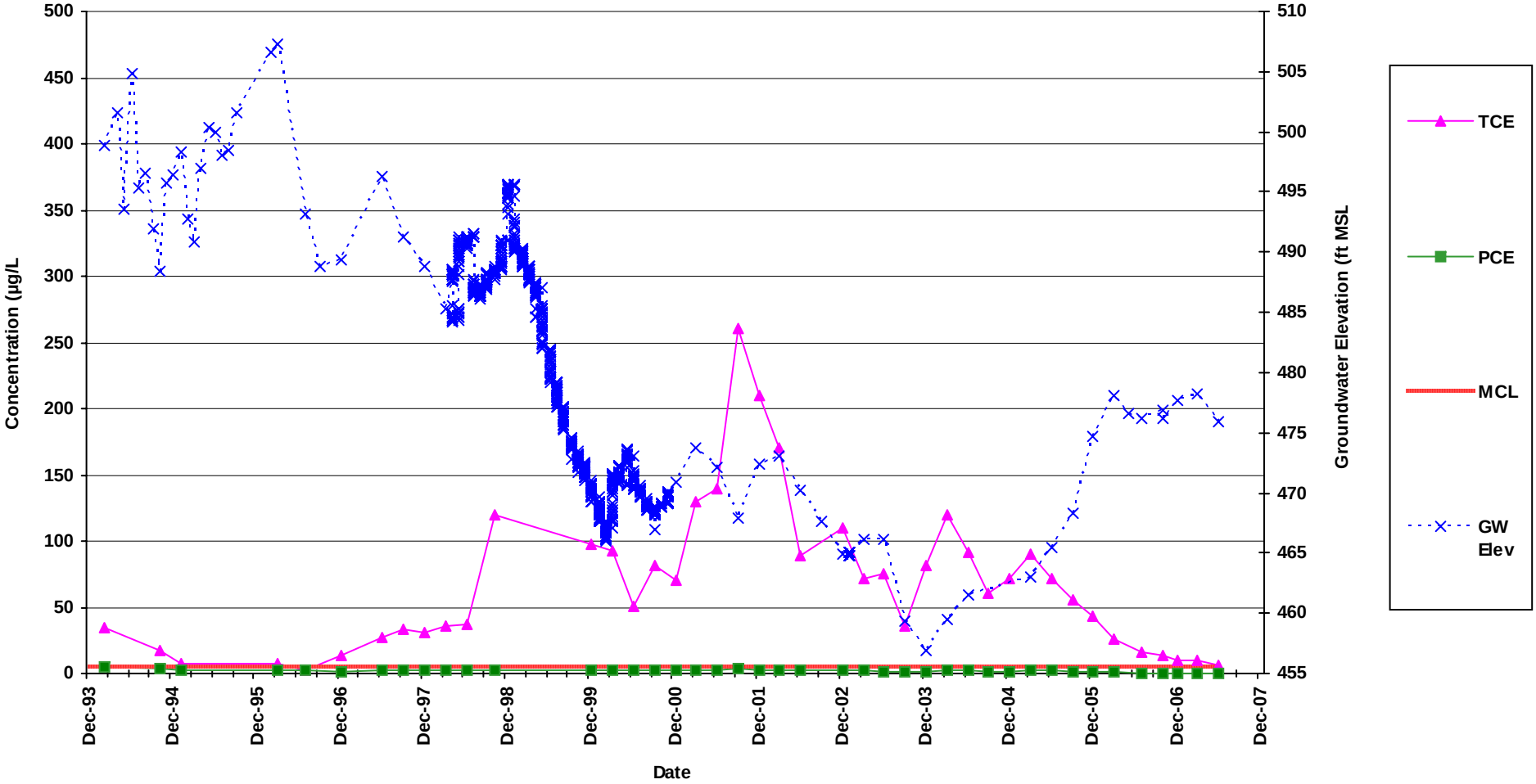
FIGURE H-35
Well NH-C02-325
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California



	Average	Maximum	Count
TCE	14	39	41
PCE	5	23	41

CH2MHILL

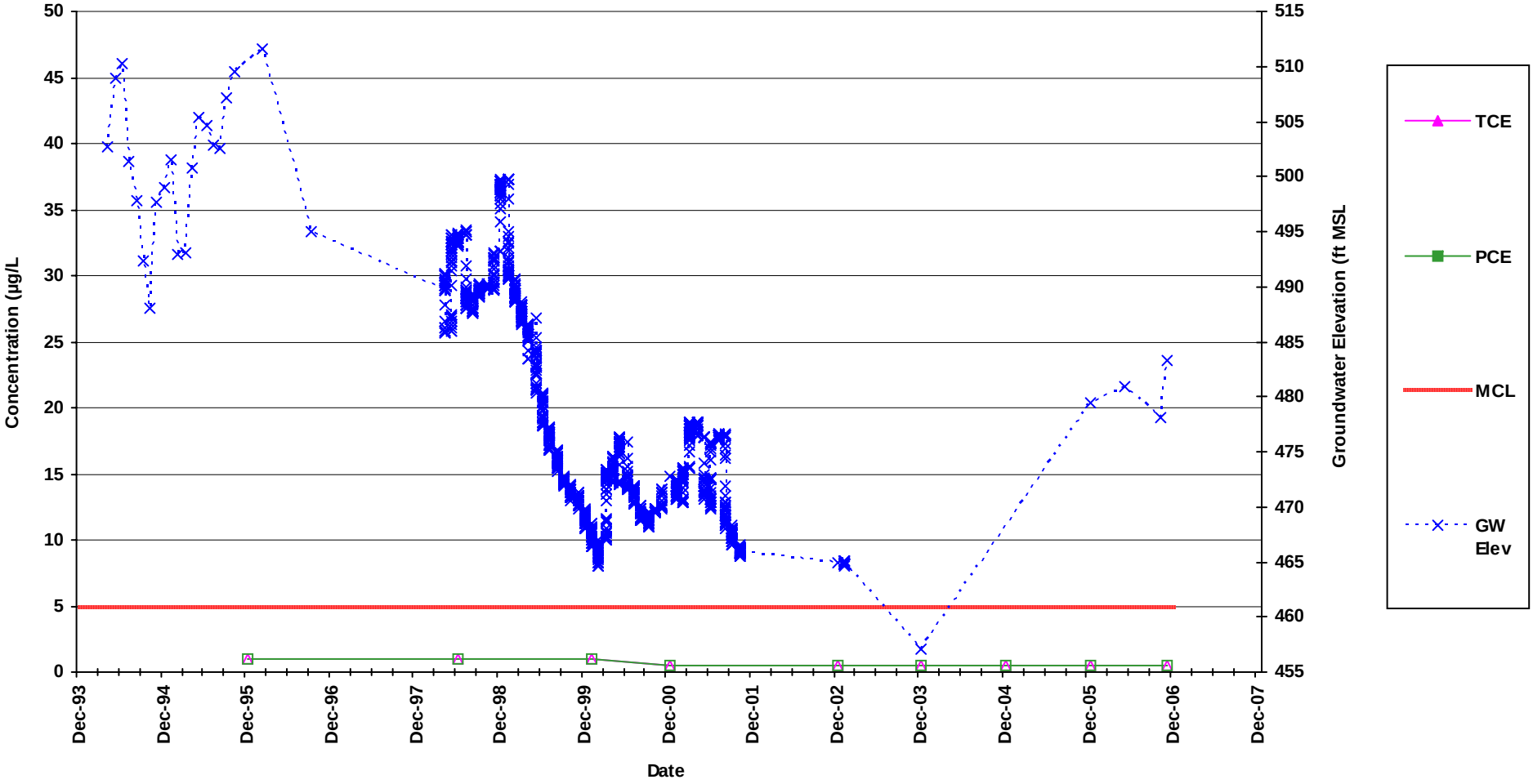
FIGURE H-36
Well NH-C02-520
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California



	Average	Maximum	Count
TCE	65	260	42
PCE	2	5	42

CH2MHILL

FIGURE H-37
Well NH-C02-681
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

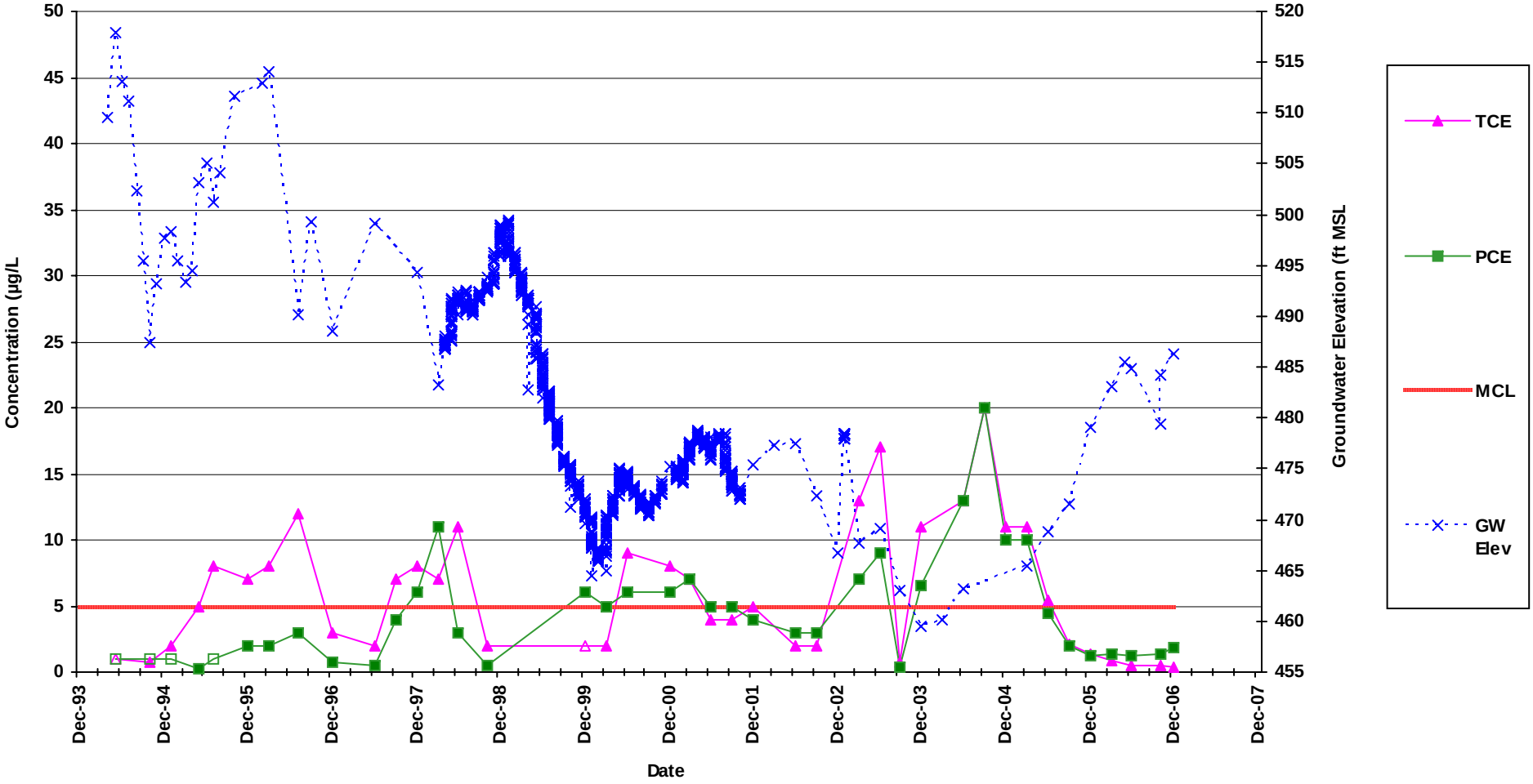


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	ND	ND	9
PCE	ND	ND	9

CH2MHILL

FIGURE H-38
Well NH-C03-380
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

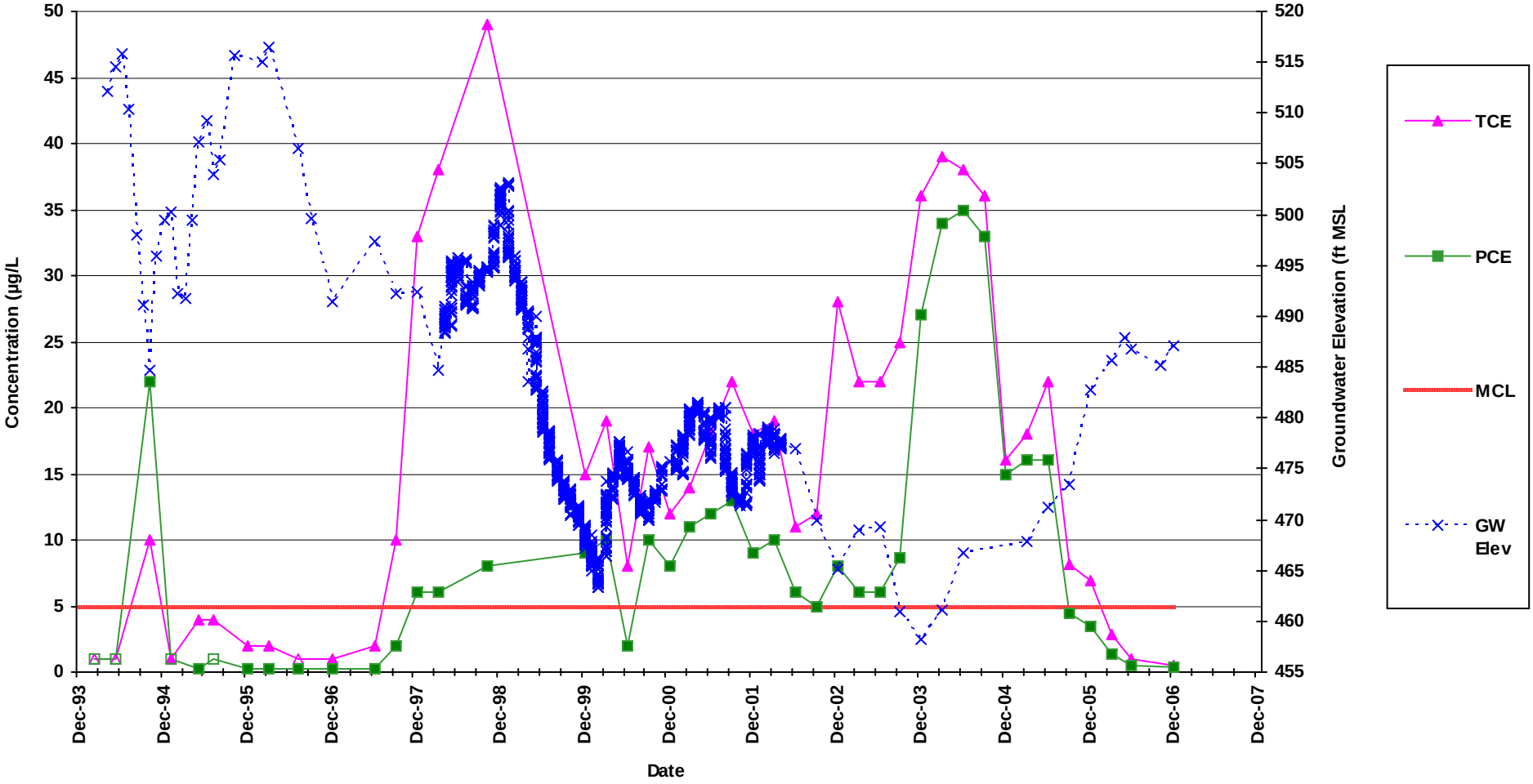


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	6	20	40
PCE	4	20	40

CH2MHILL

FIGURE H-39
Well NH-C03-580
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

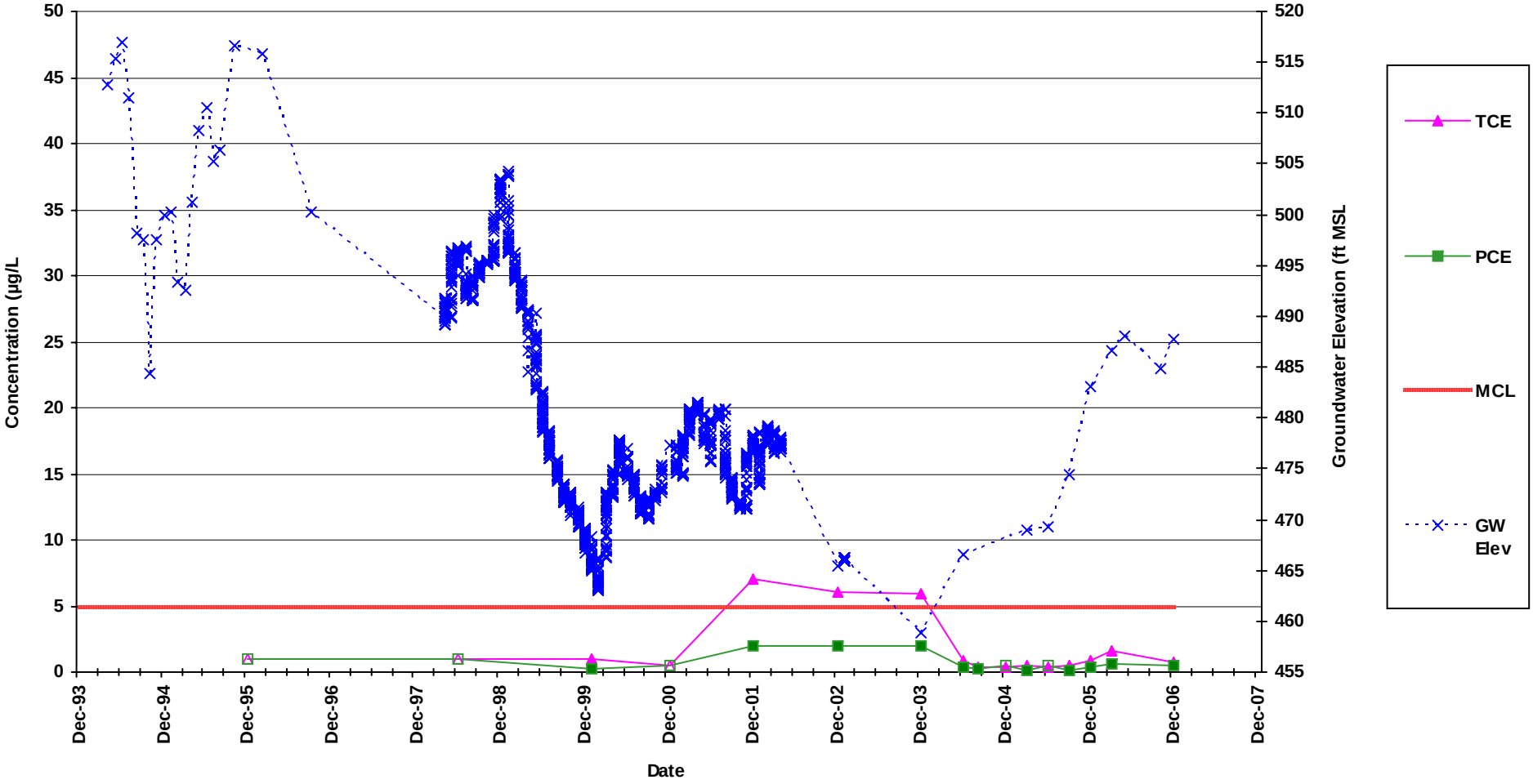


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	16	49	43
PCE	8	35	43

CH2MHILL

FIGURE H-40
Well NH-C03-680
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

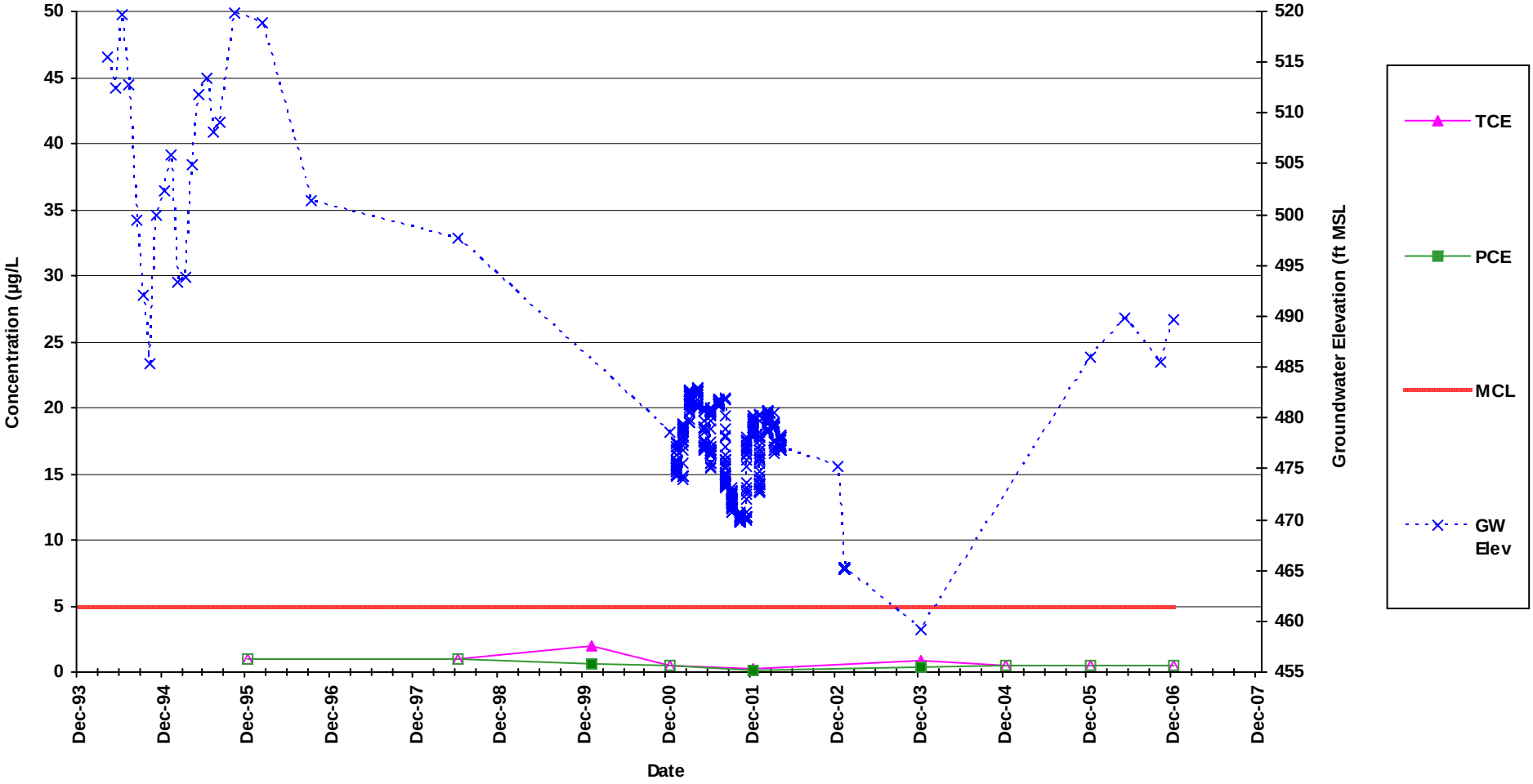


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	2	7	16
PCE	0.5	2	16

CH2MHILL

FIGURE H-41
Well NH-C03-800
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

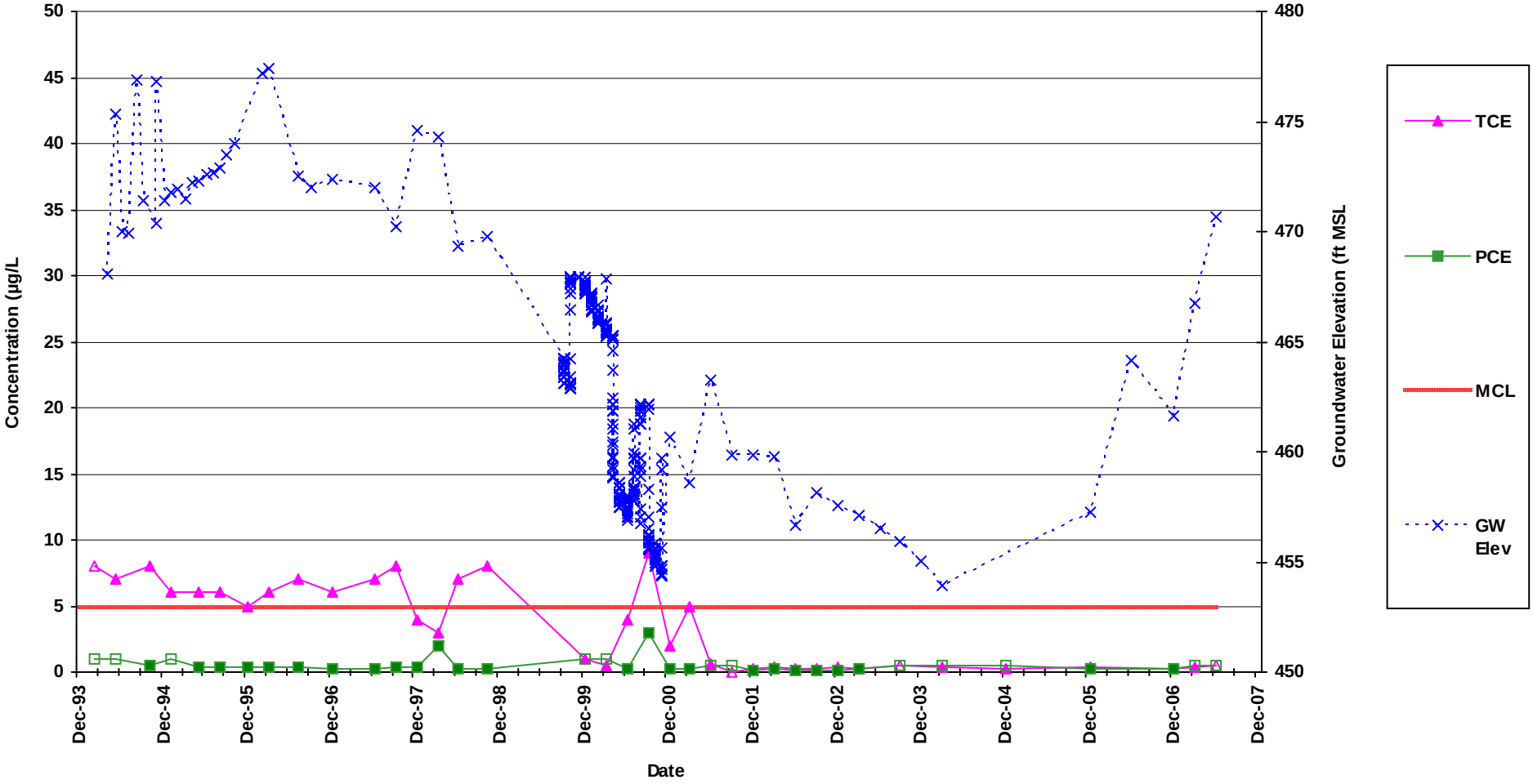


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	0.3	2	9
PCE	0.1	0.6	9

CH2MHILL

FIGURE H-42
Well NH-C04-240
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

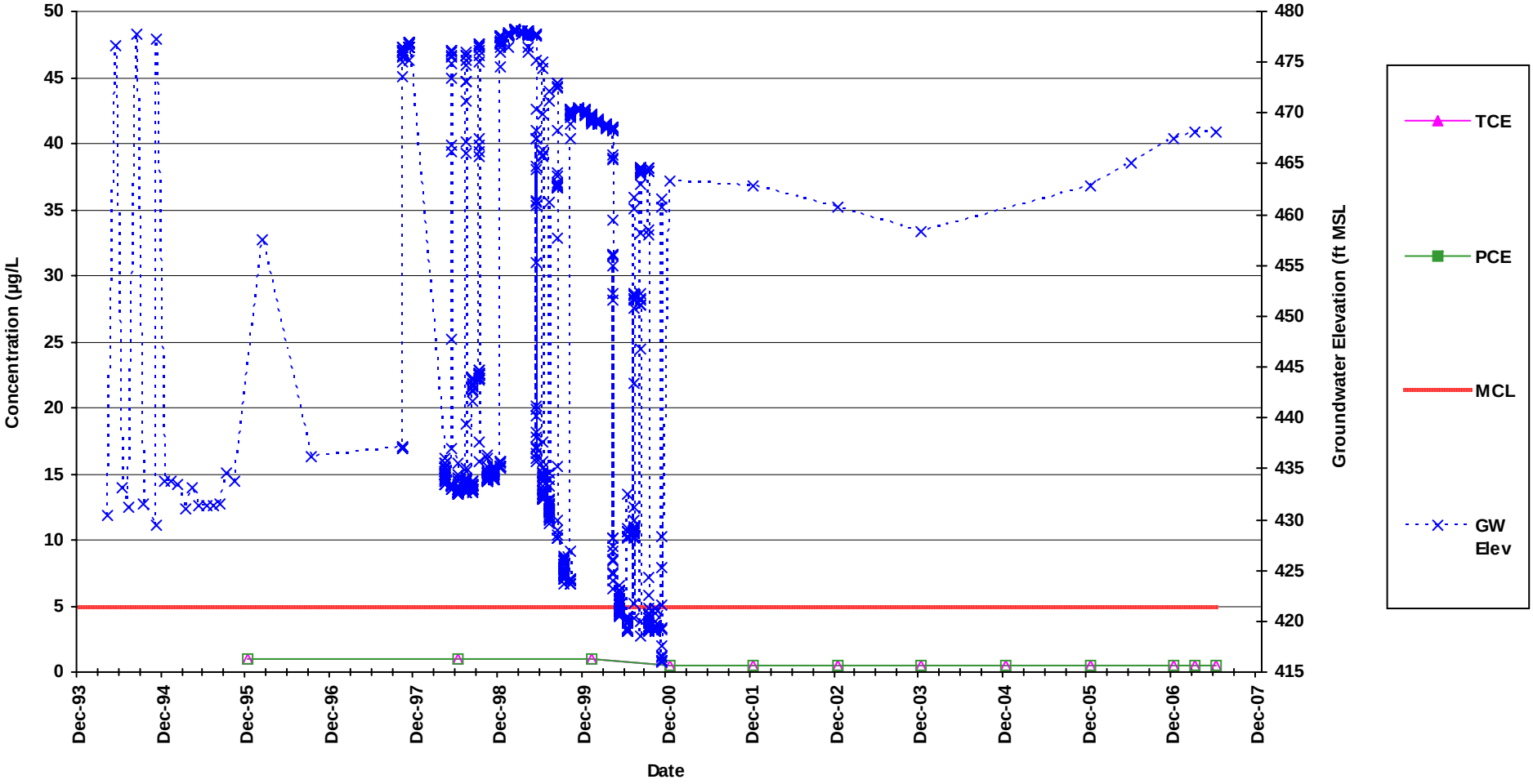


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	3	9	37
PCE	0.3	3	37

CH2MHILL

FIGURE H-43
Well NH-C04-375
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

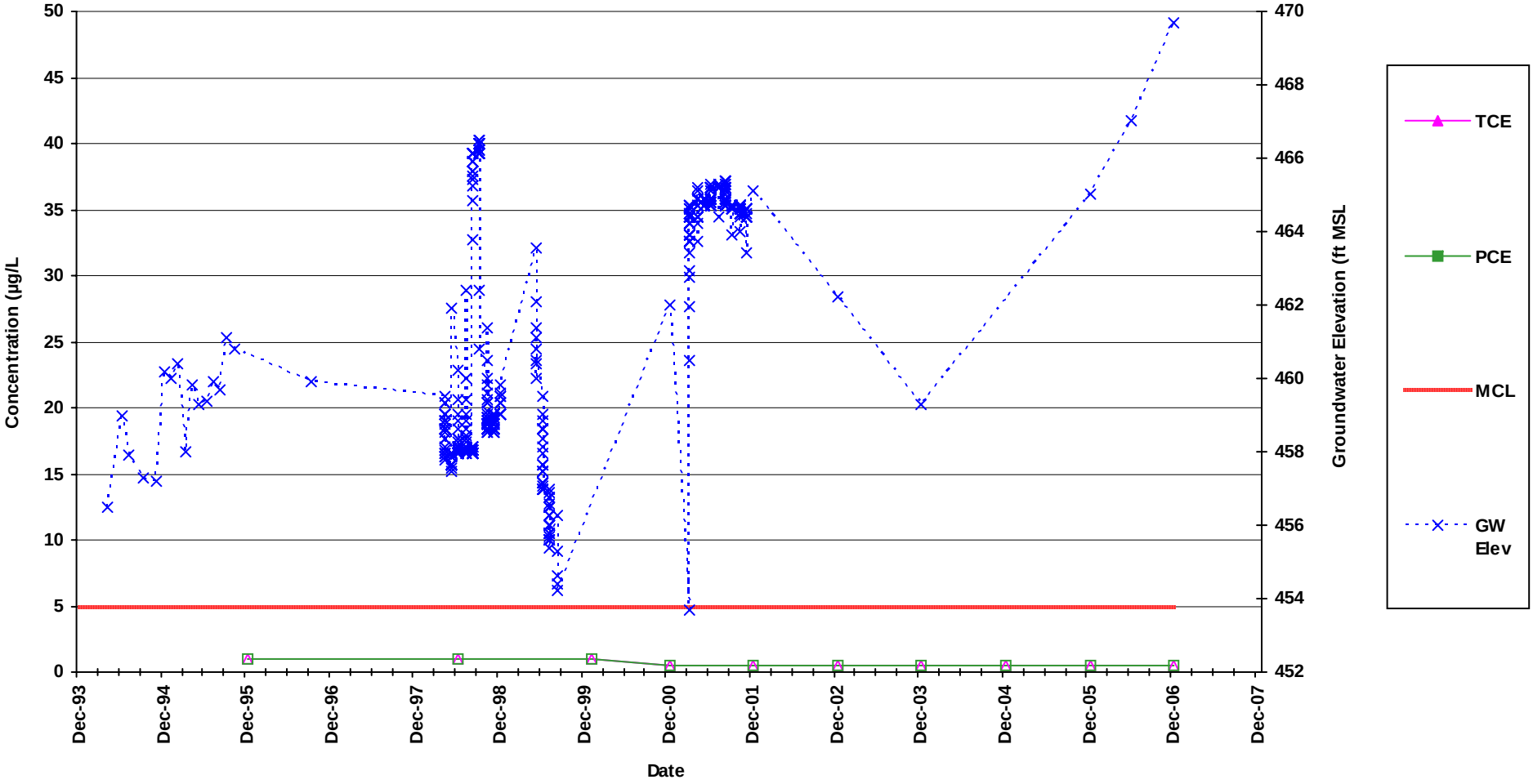


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	ND	ND	12
PCE	ND	ND	12

CH2MHILL

FIGURE H-44
Well NH-C04-560
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

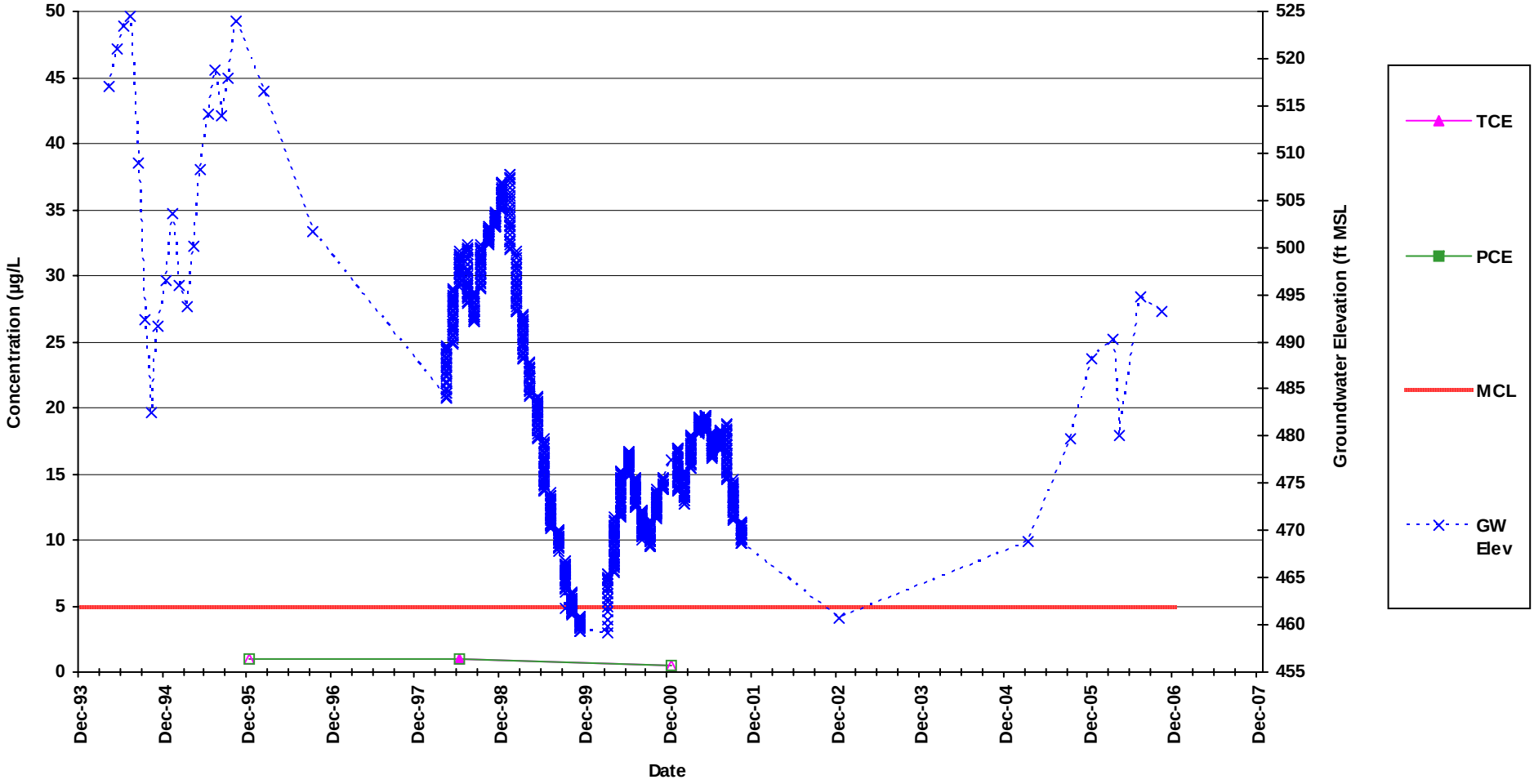


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	ND	ND	10
PCE	ND	ND	10

CH2MHILL

FIGURE H-45
Well NH-C05-320
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

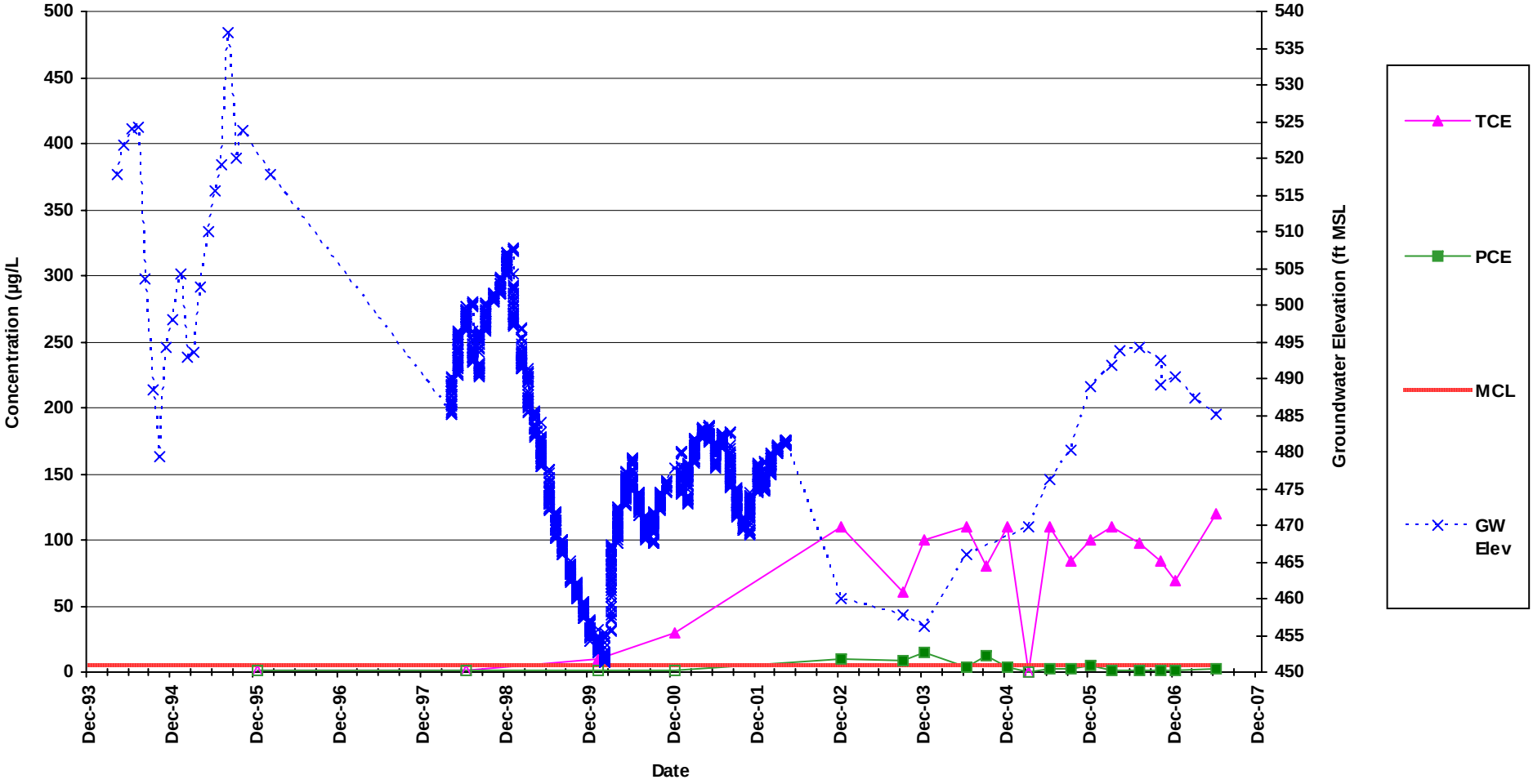


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	0.3	1	3
PCE	ND	ND	3

CH2MHILL

FIGURE H-46
Well NH-C05-460
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

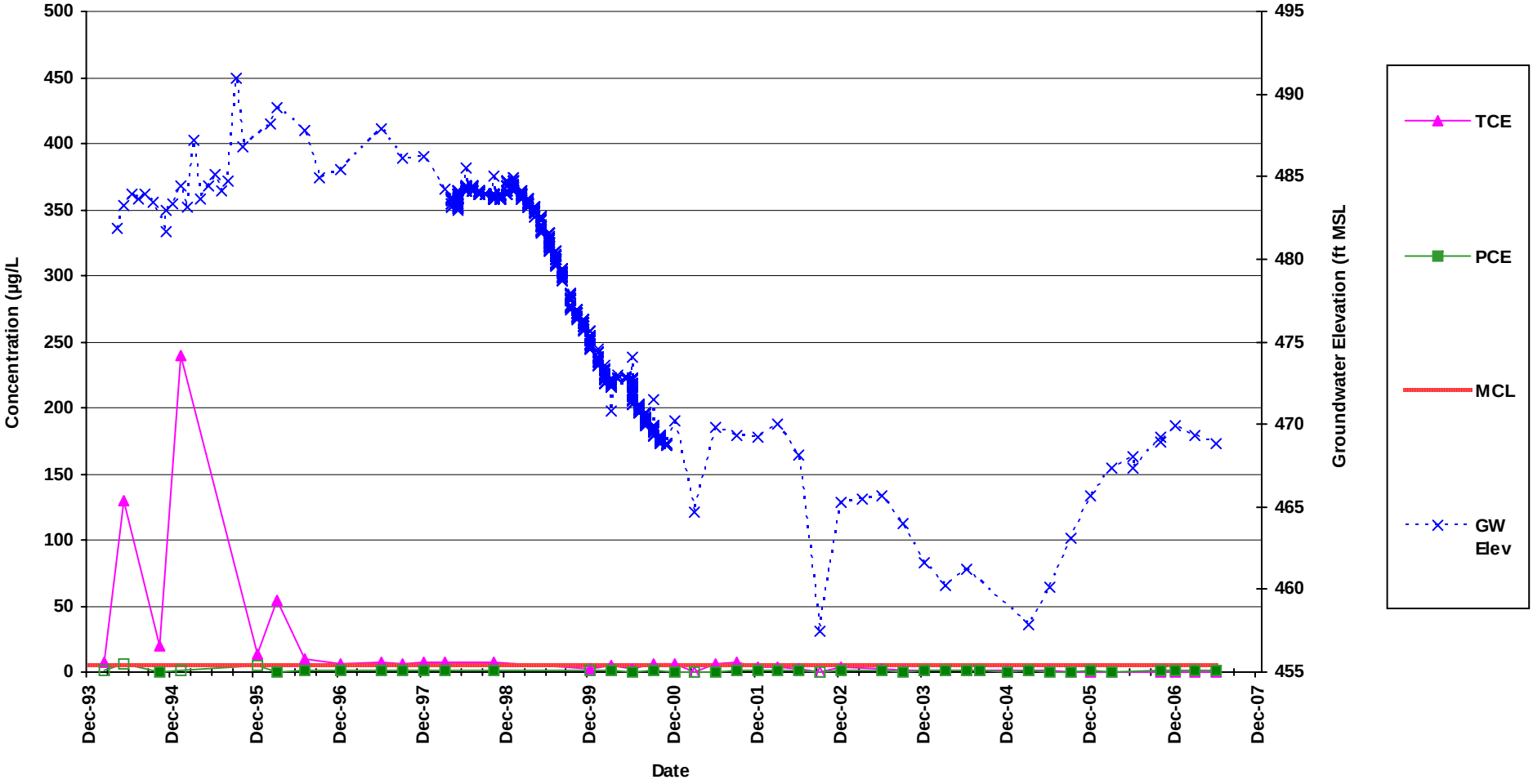


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	74	120	19
PCE	4	15	19

CH2MHILL

FIGURE H-47
Well NH-C06-160
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

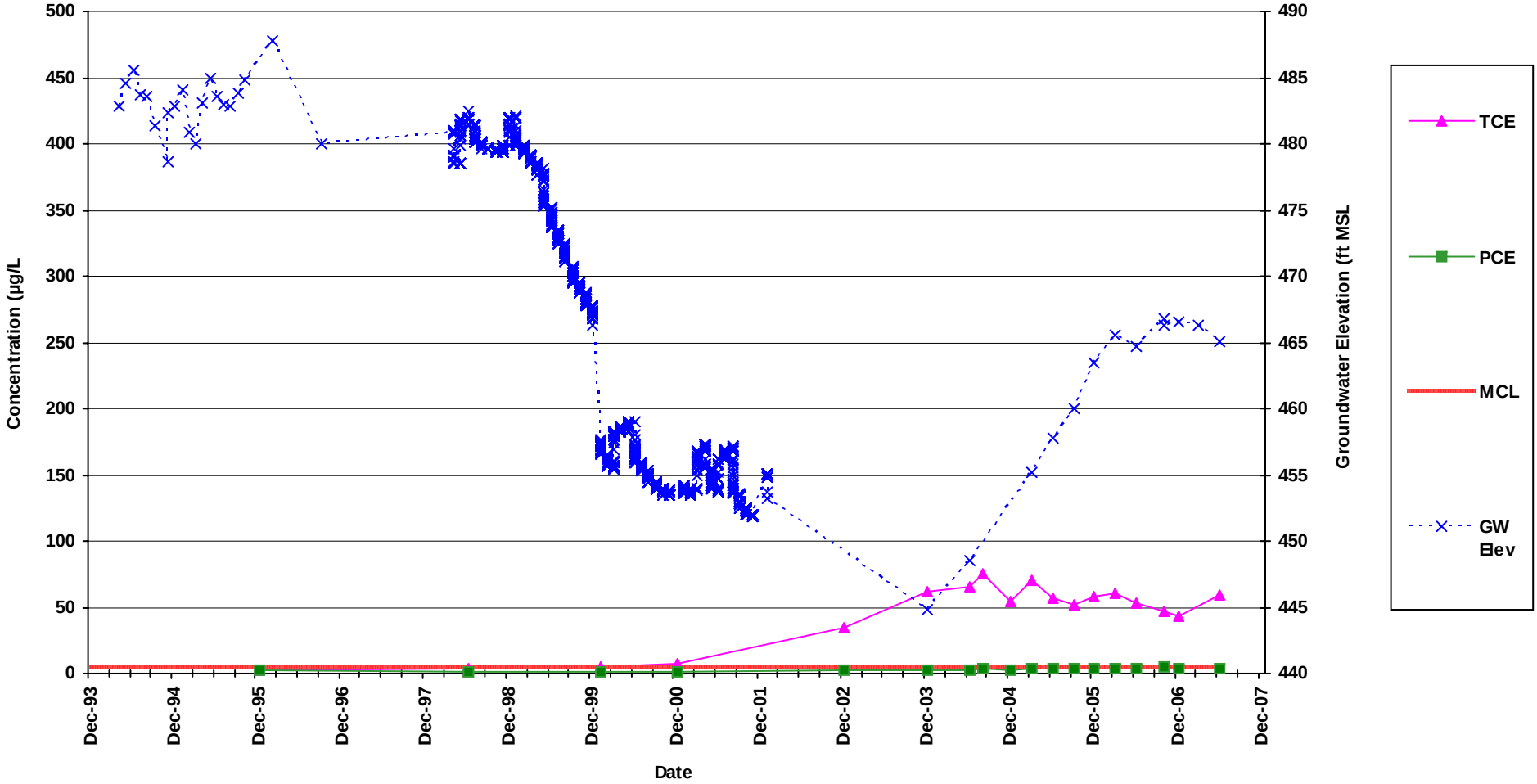


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	13	240	42
PCE	0.7	5	42

CH2MHILL

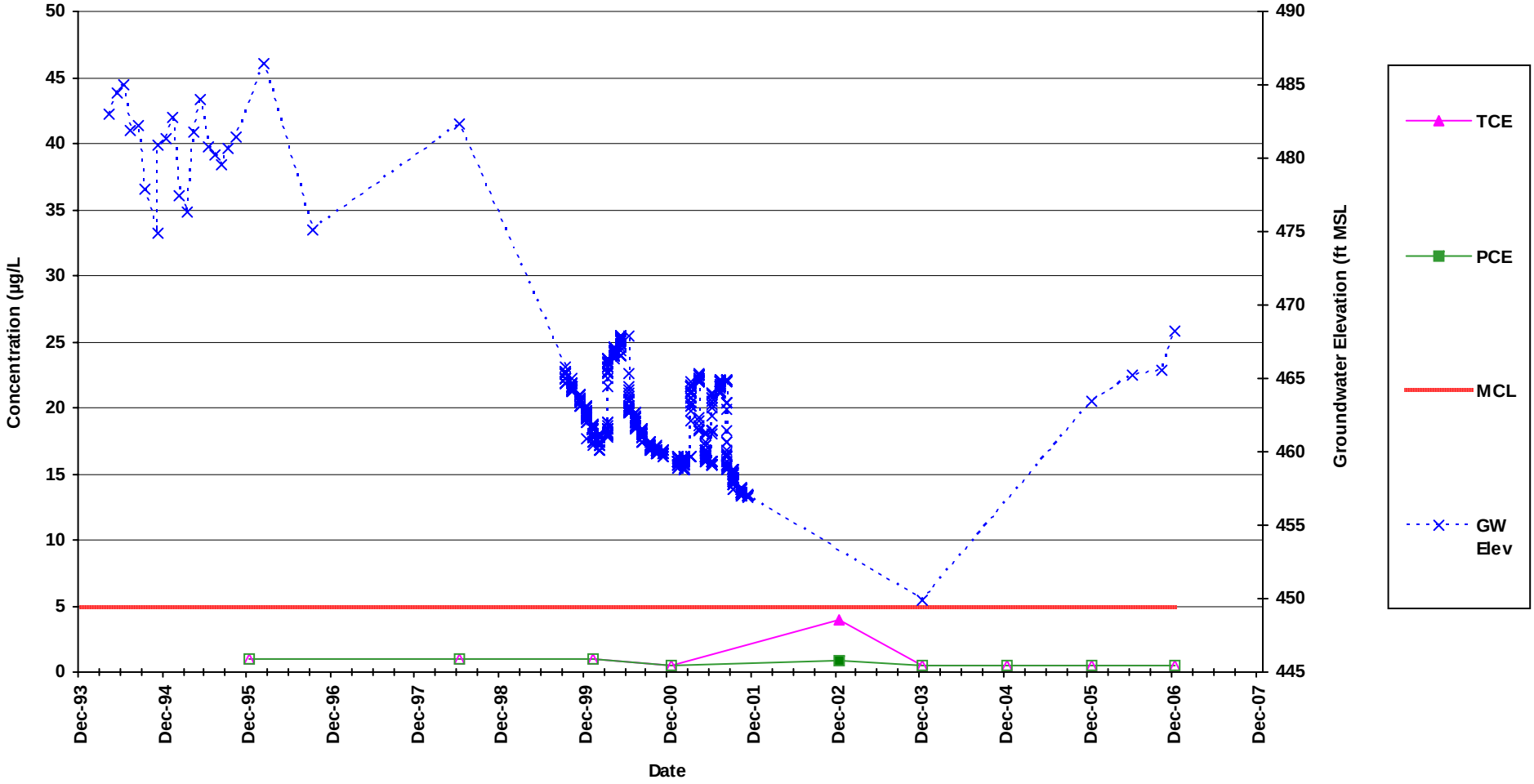
FIGURE H-48
Well NH-C06-285
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California



	Average	Maximum	Count
TCE	45	75	18
PCE	3	5	18

CH2MHILL

FIGURE H-49
Well NH-C06-425
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

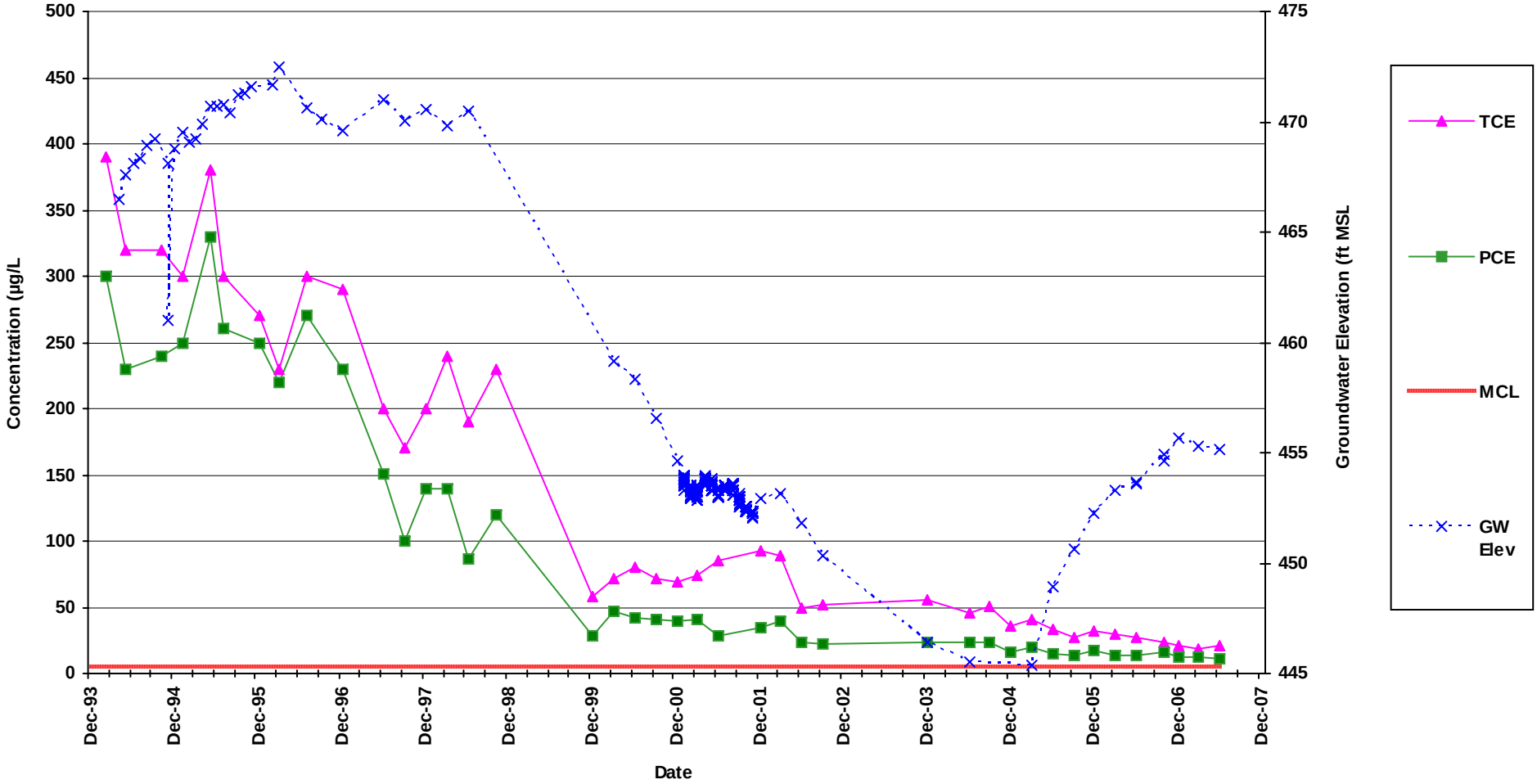


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	0.4	4	9
PCE	0.1	0.9	9

CH2MHILL

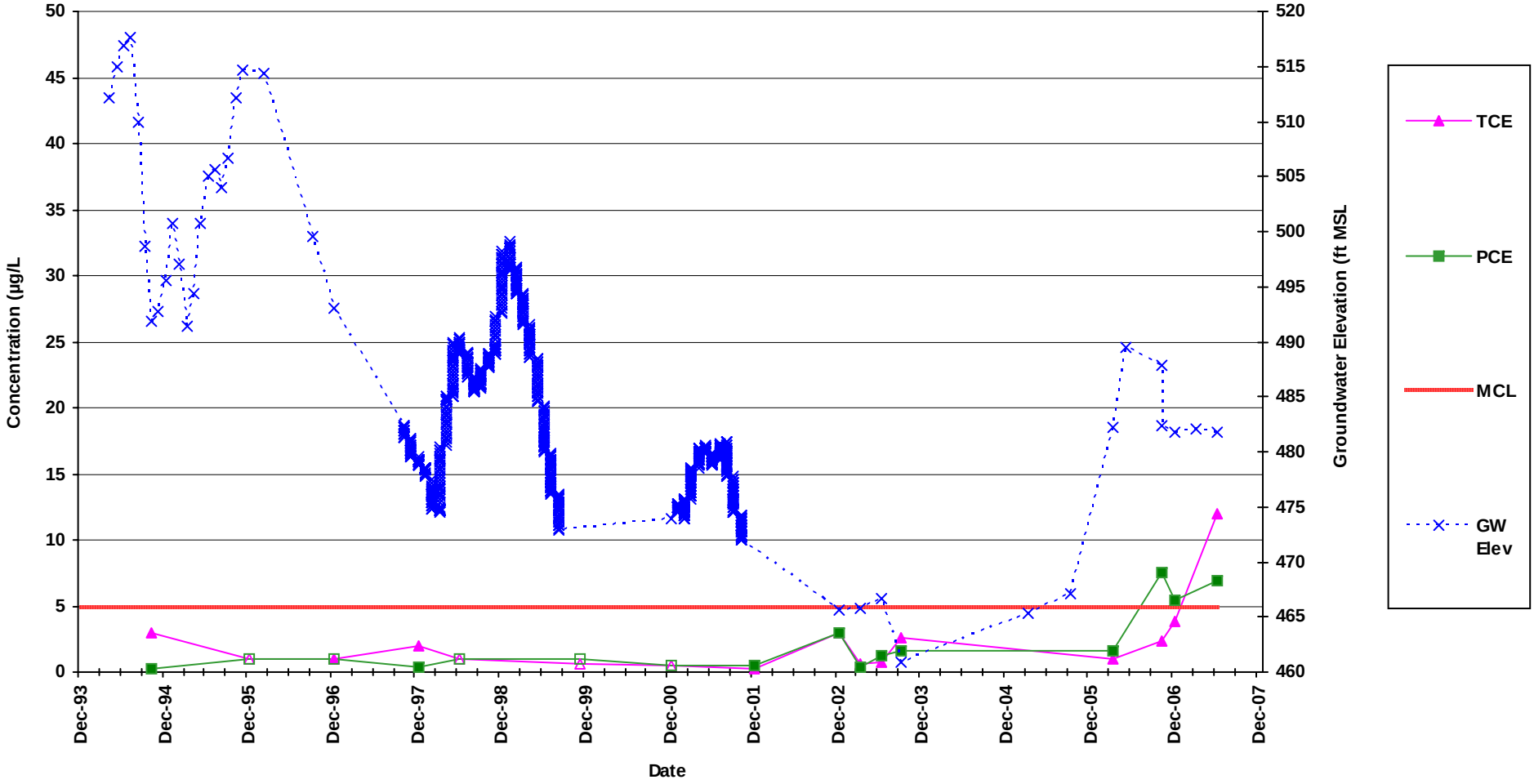
FIGURE H-50
Well NH-VPB-01
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California



	Average	Maximum	Count
TCE	131	390	41
PCE	92	330	41

CH2MHILL

FIGURE H-51
Well NH-VPB-02
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

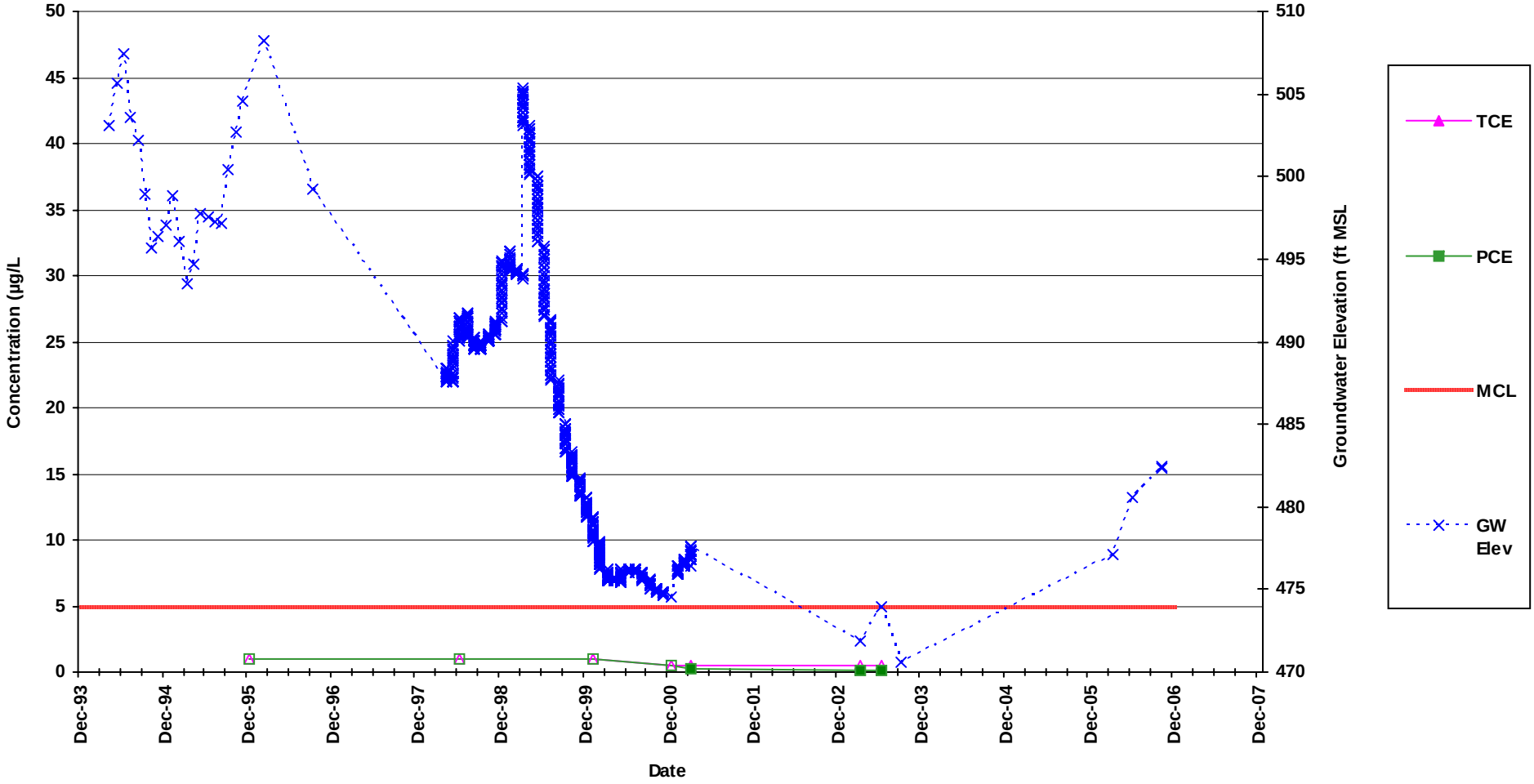


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	2	12	16
PCE	2	8	16

CH2MHILL

FIGURE H-52
Well NH-VPB-03
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

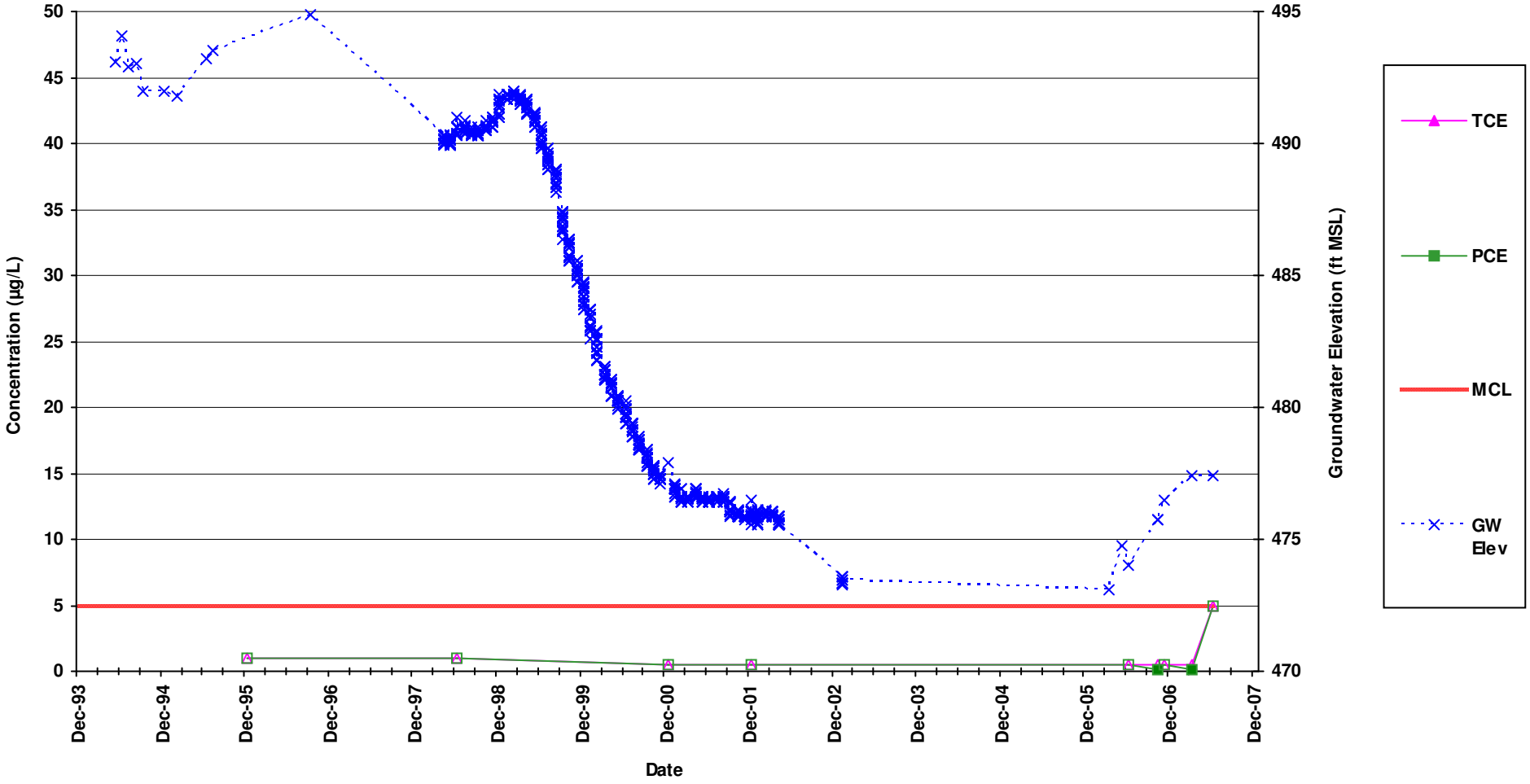


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	ND	ND	7
PCE	0.1	0.3	7

CH2MHILL

FIGURE H-53
Well NH-VPB-04
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

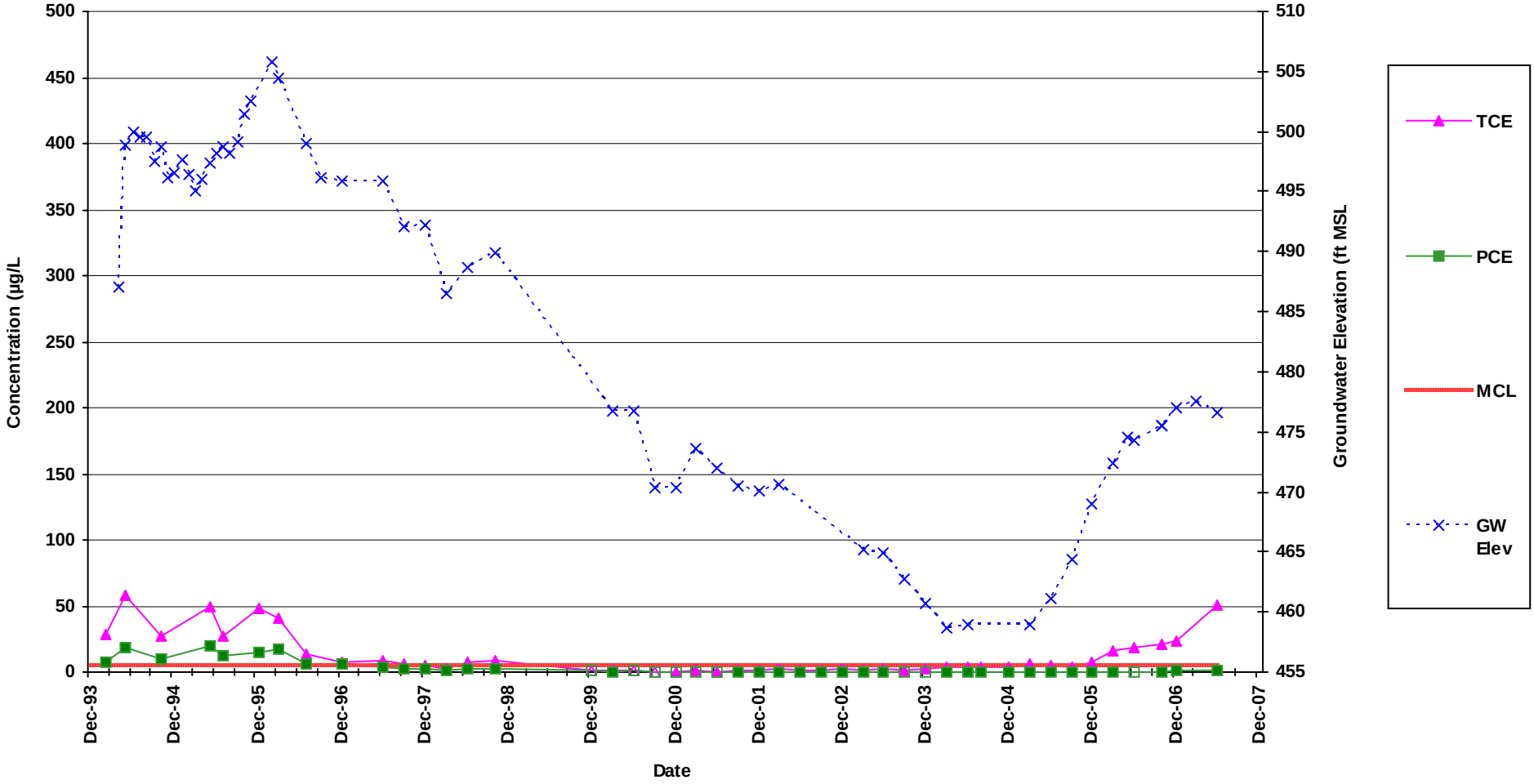


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	ND	ND	9
PCE	0.03	0.1	9

CH2MHILL

FIGURE H-54
Well NH-VPB-05
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

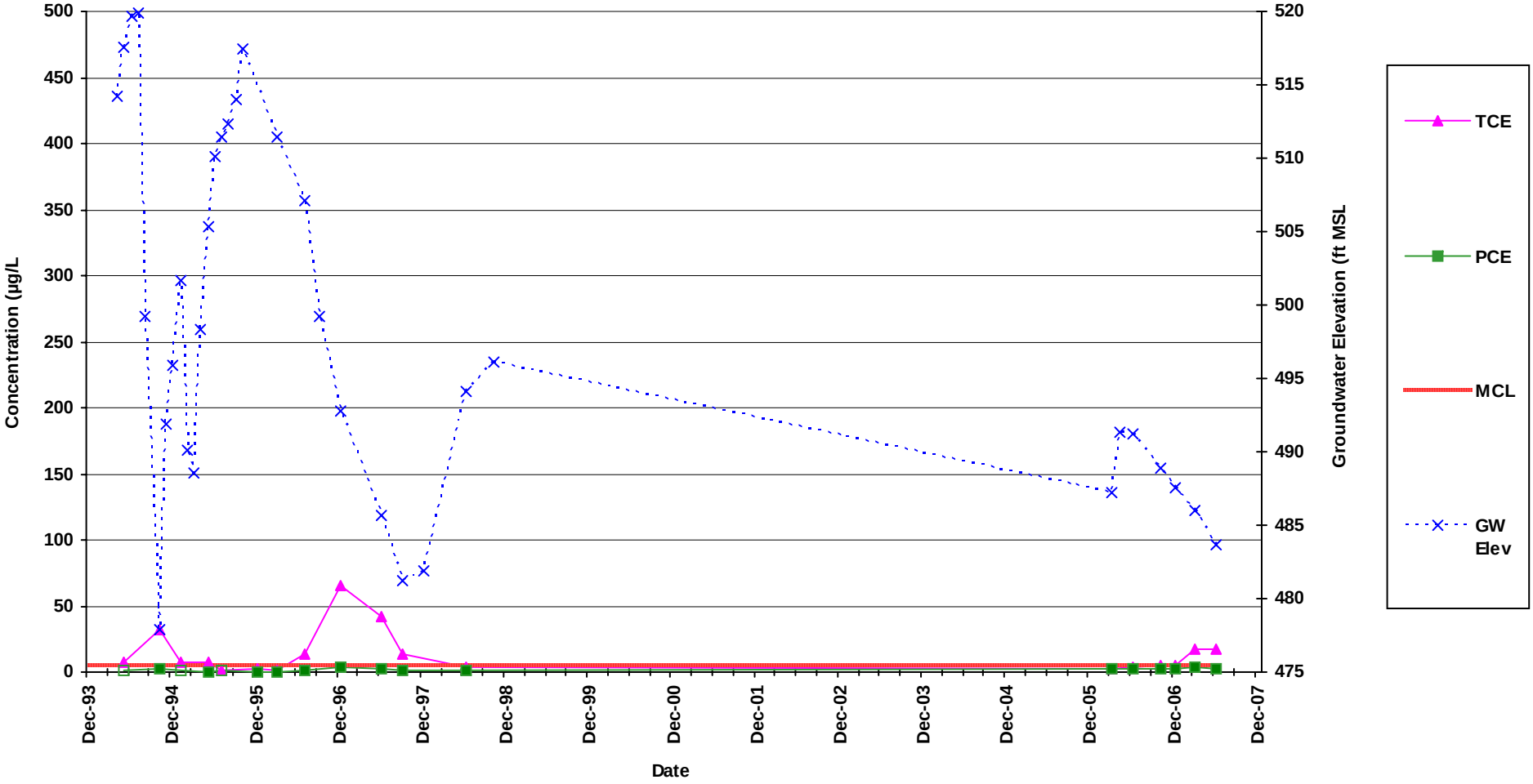


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	12	58	45
PCE	3	20	45

CH2MHILL

FIGURE H-55
Well NH-VPB-06
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

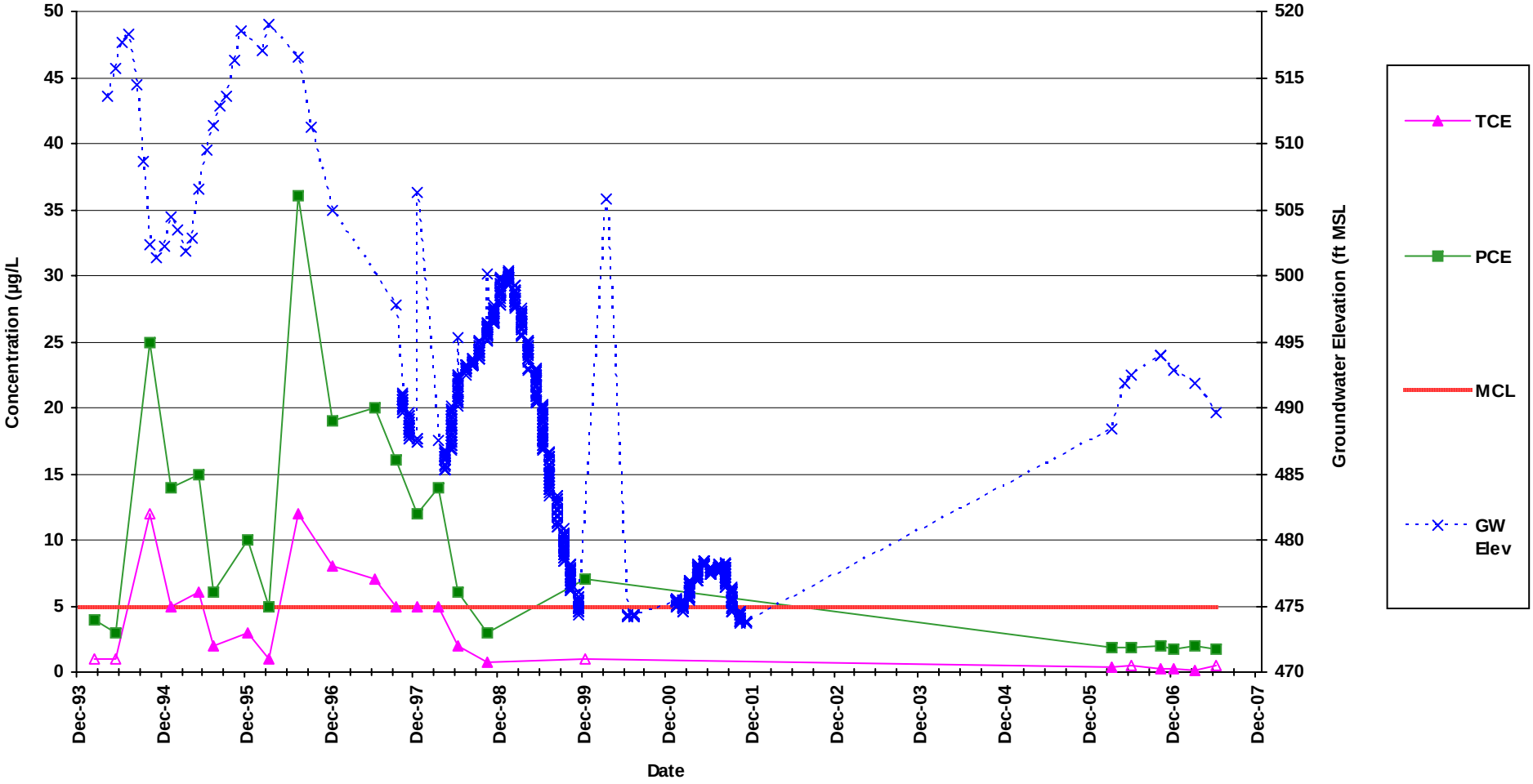


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	15	66	18
PCE	2	4	18

CH2MHILL

FIGURE H-56
Well NH-VPB-07
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

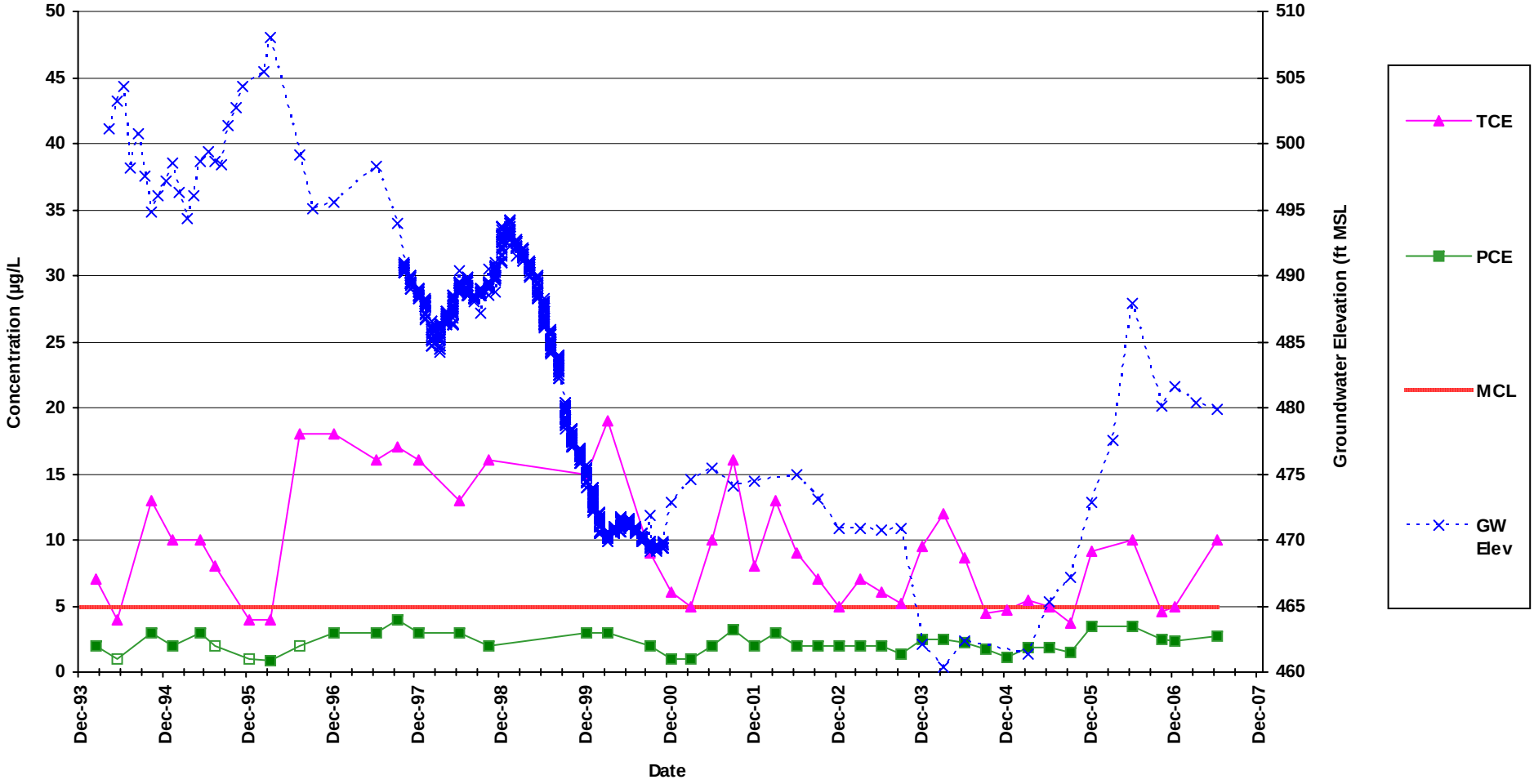


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	3	12	23
PCE	10	36	23

CH2MHILL

FIGURE H-57
Well NH-VPB-08
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

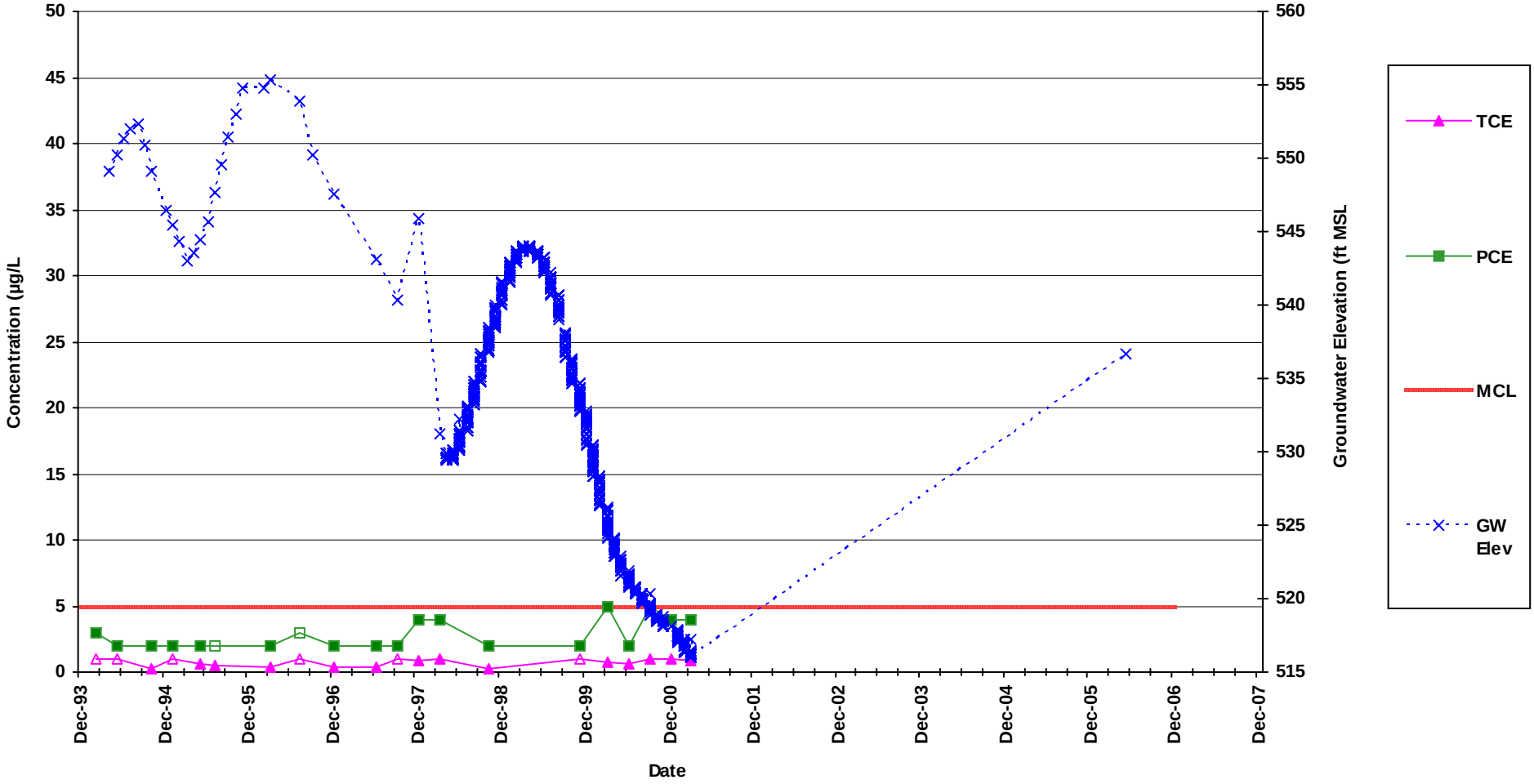


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	10	19	44
PCE	2	4	44

CH2MHILL

FIGURE H-58
Well NH-VPB-09
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

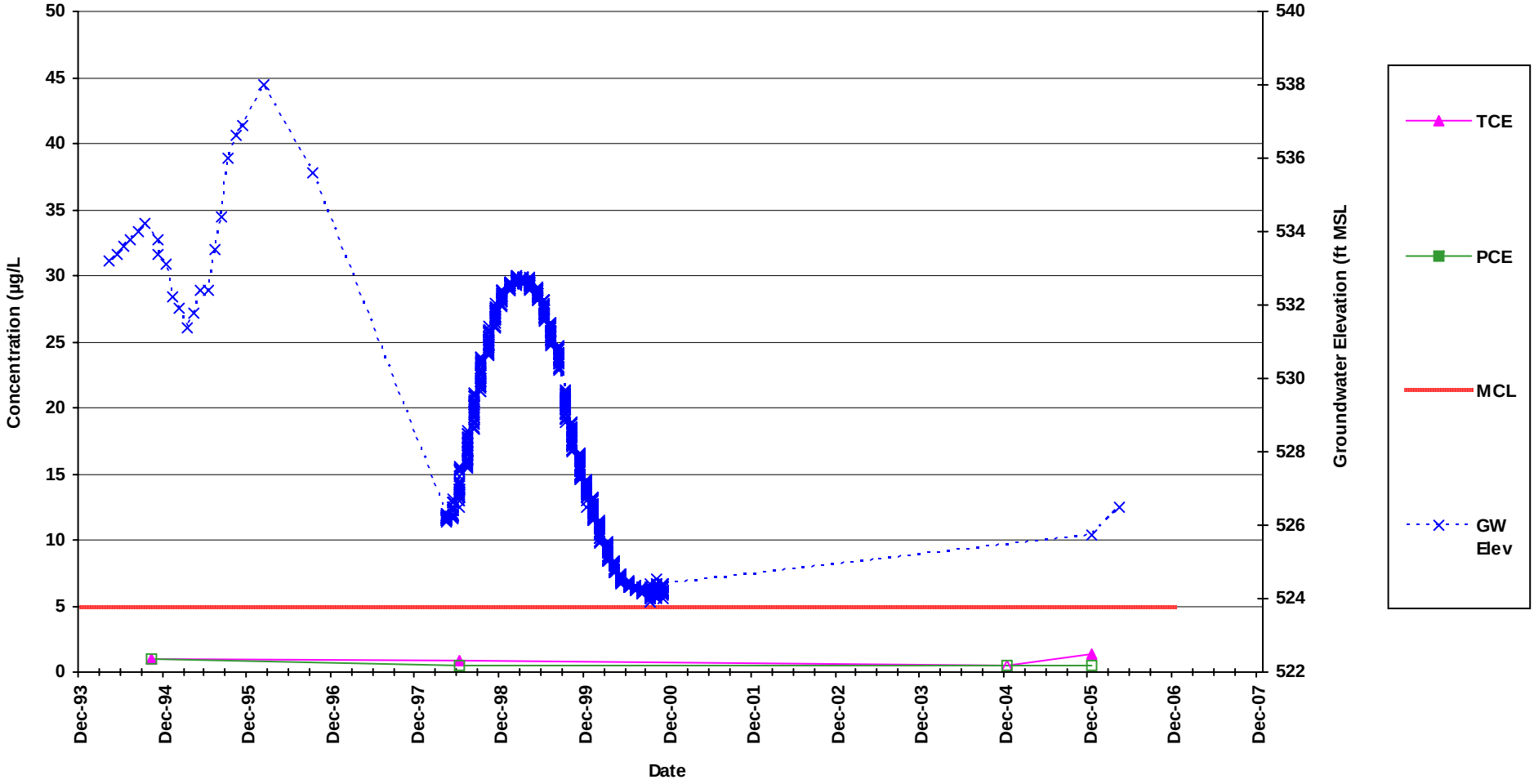


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	0.5	1	20
PCE	3	5	20

CH2MHILL

FIGURE H-59
Well NH-VPB-10
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

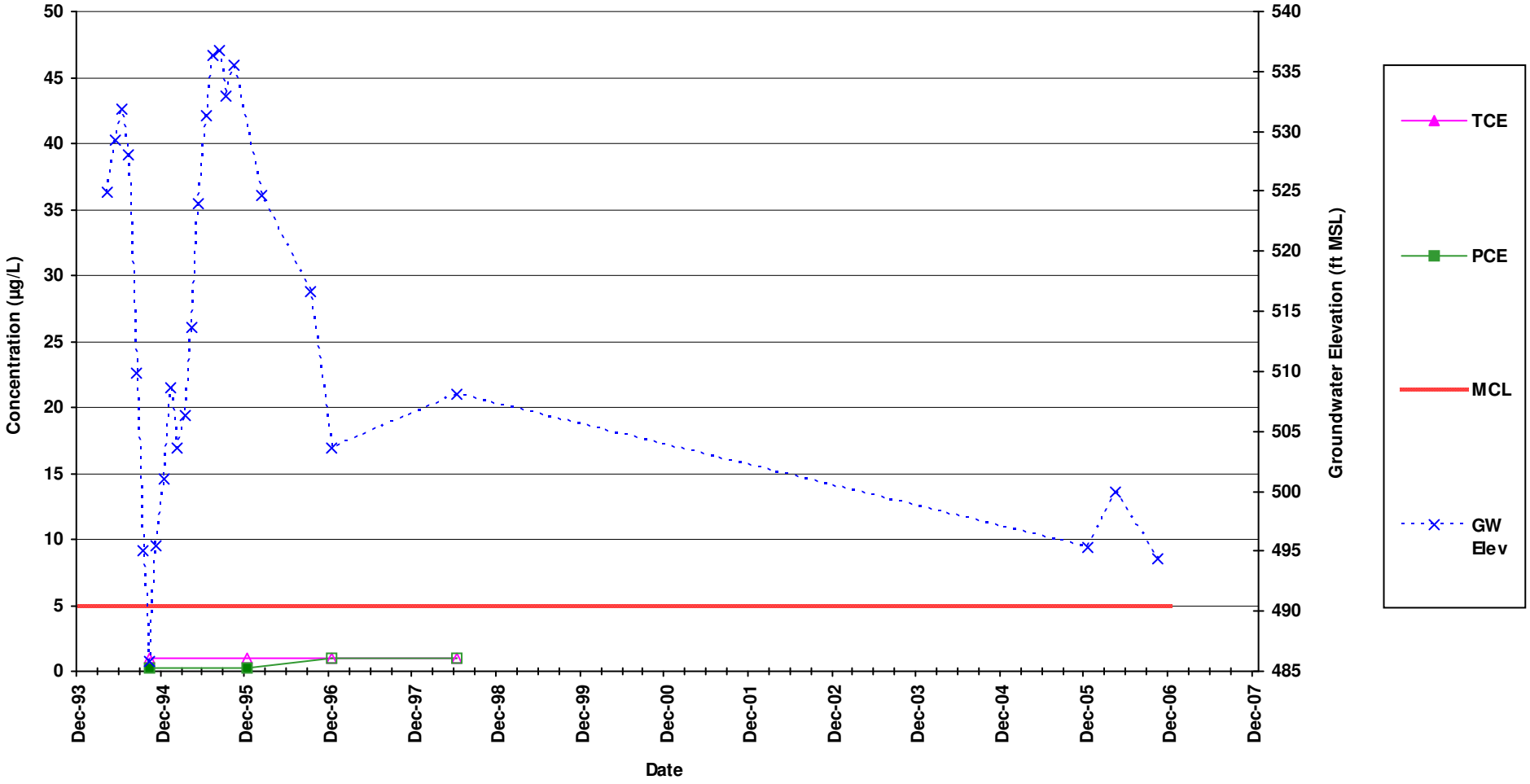


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	0.8	1	4
PCE	ND	ND	4

CH2MHILL

FIGURE H-60
Well NH-VPB-11
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

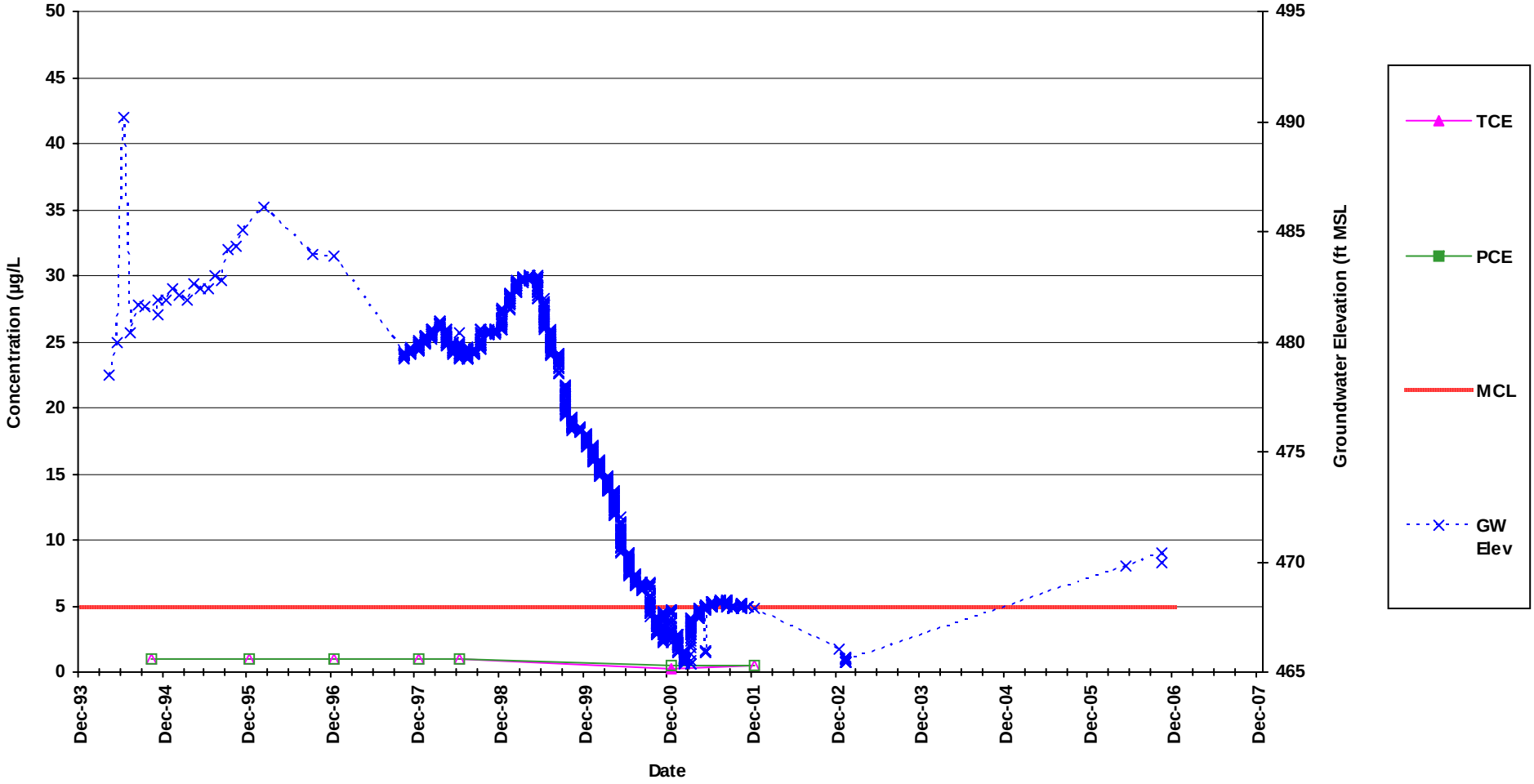


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	ND	ND	4
PCE	0.1	0.3	4

CH2MHILL

FIGURE H-61
Well NH-VPB-12
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California



Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	0.04	0.3	8
PCE	ND	ND	8

CH2MHILL

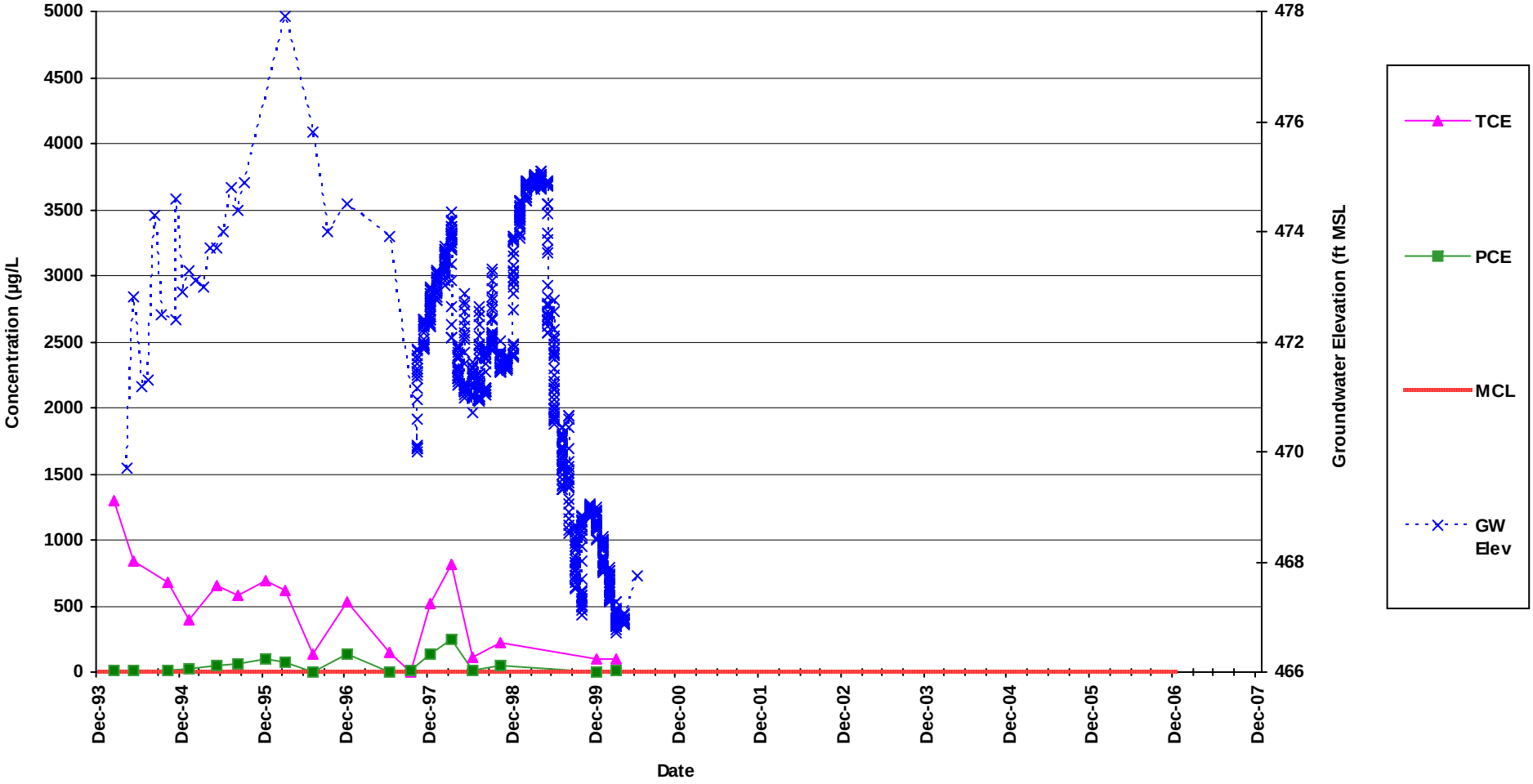
FIGURE H-62
Well NH-VPB-13
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	0.5	0.6	2
PCE	0.1	0.2	2

CH2MHILL

FIGURE H-63
Well NH-VPB-14
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

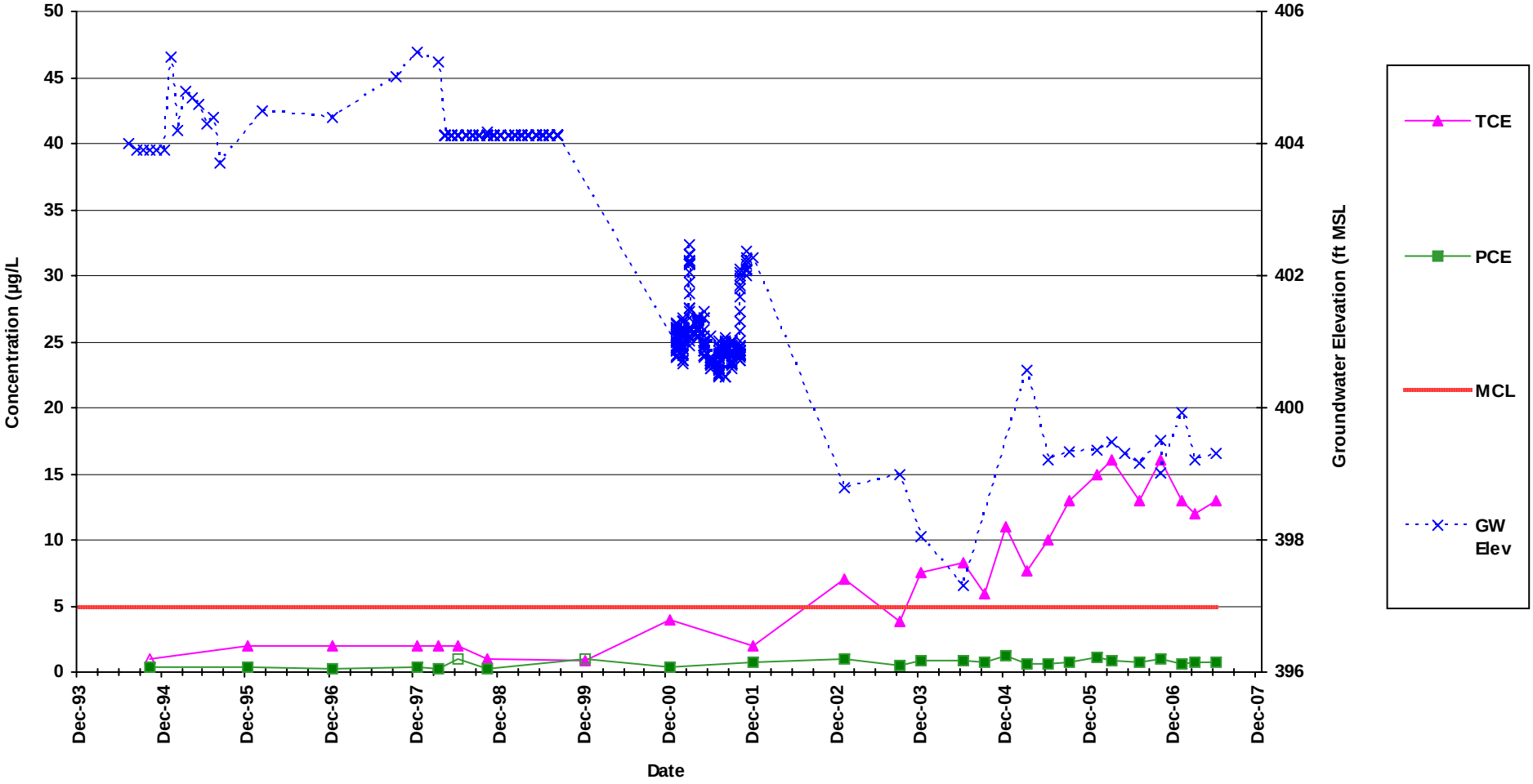


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	512	1,300	18
PCE	52	250	18

CH2MHILL

FIGURE H-64
Well PO-C01-195
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

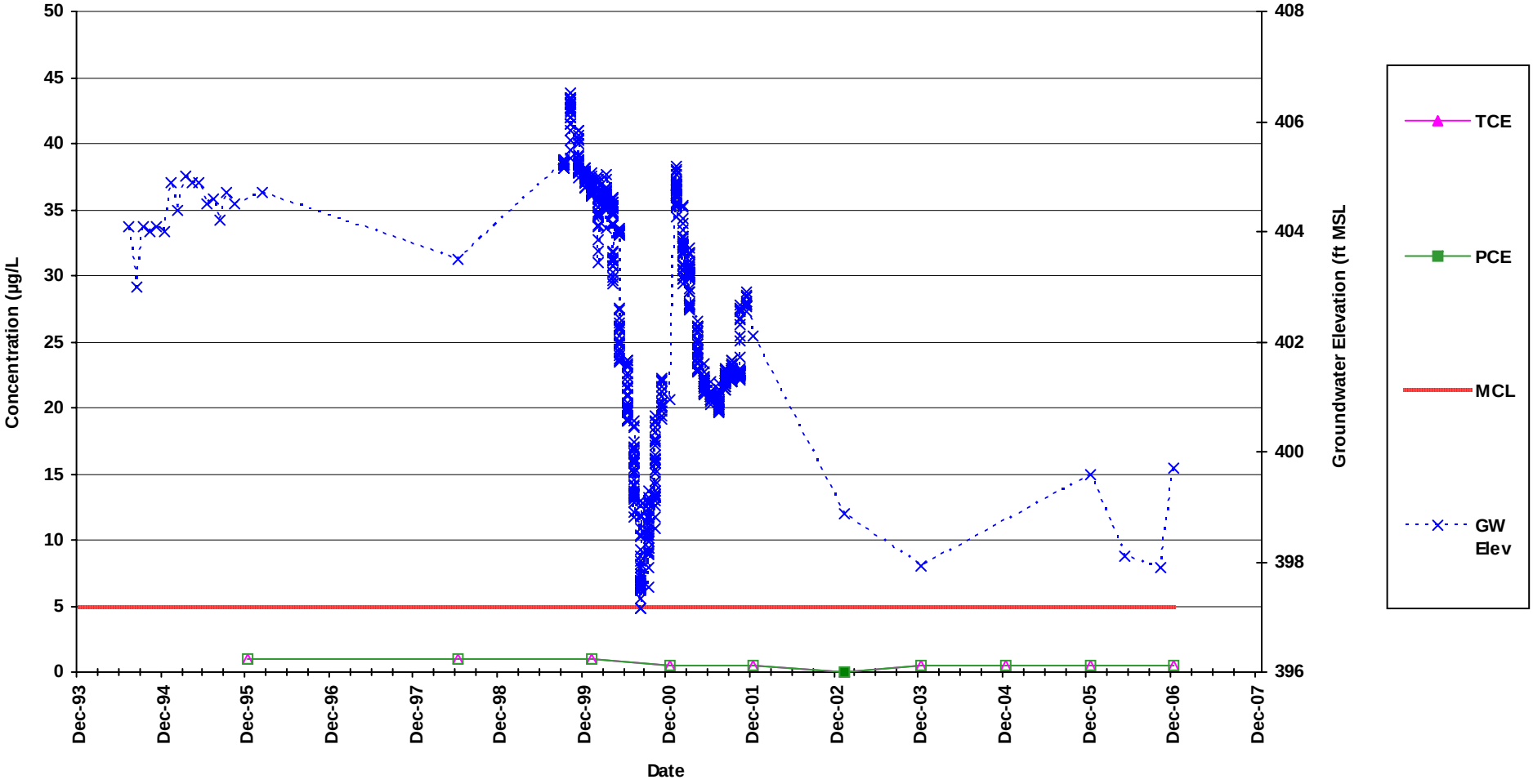


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	7	16	26
PCE	0.6	1	26

CH2MHILL

FIGURE H-65
Well PO-C01-354
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

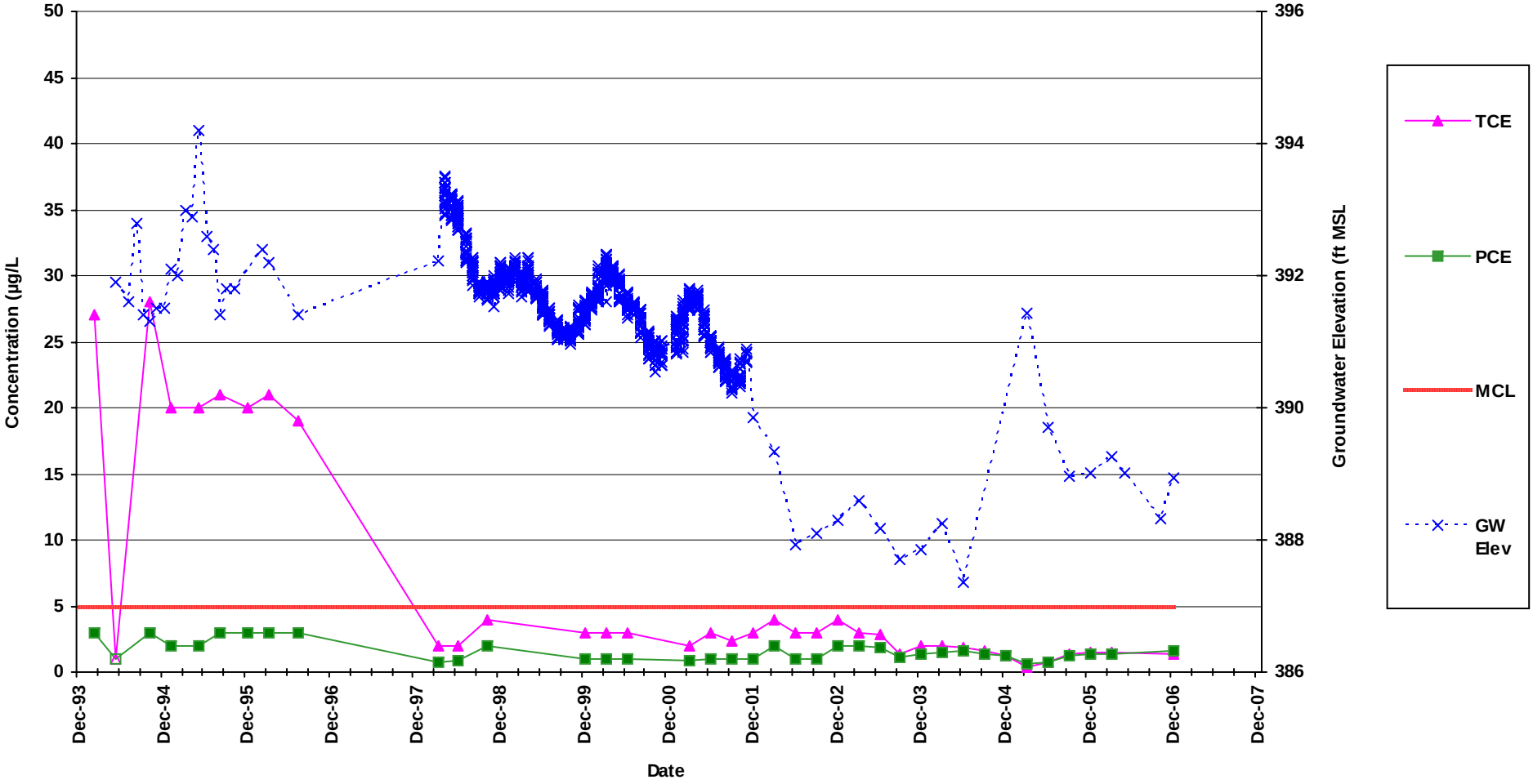


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	0.005	0.1	10
PCE	0.003	0.04	10

CH2MHILL

FIGURE H-66
Well PO-C02-053
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

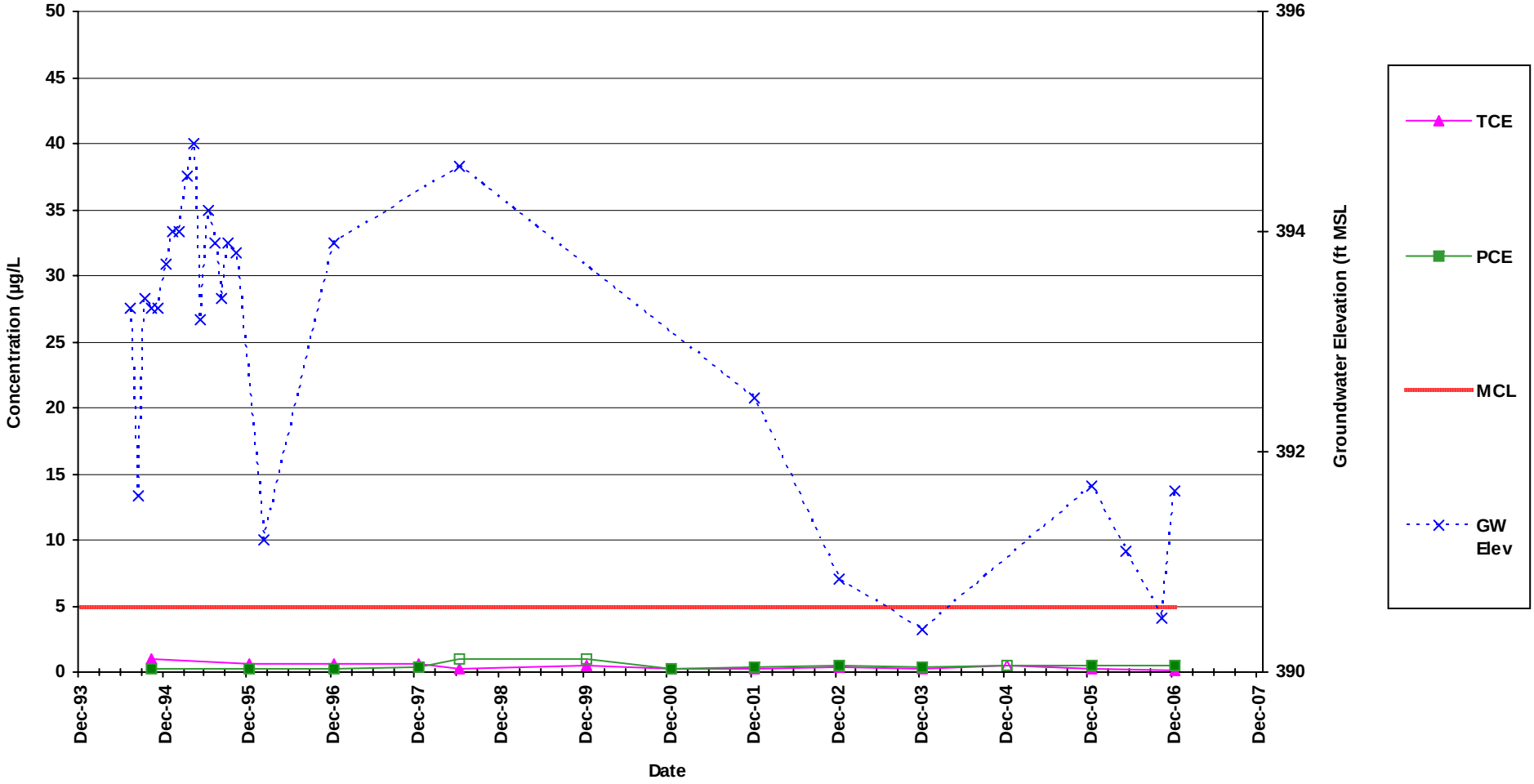


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	7	28	37
PCE	2	3	37

CH2MHILL

FIGURE H-67
Well PO-C02-205
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

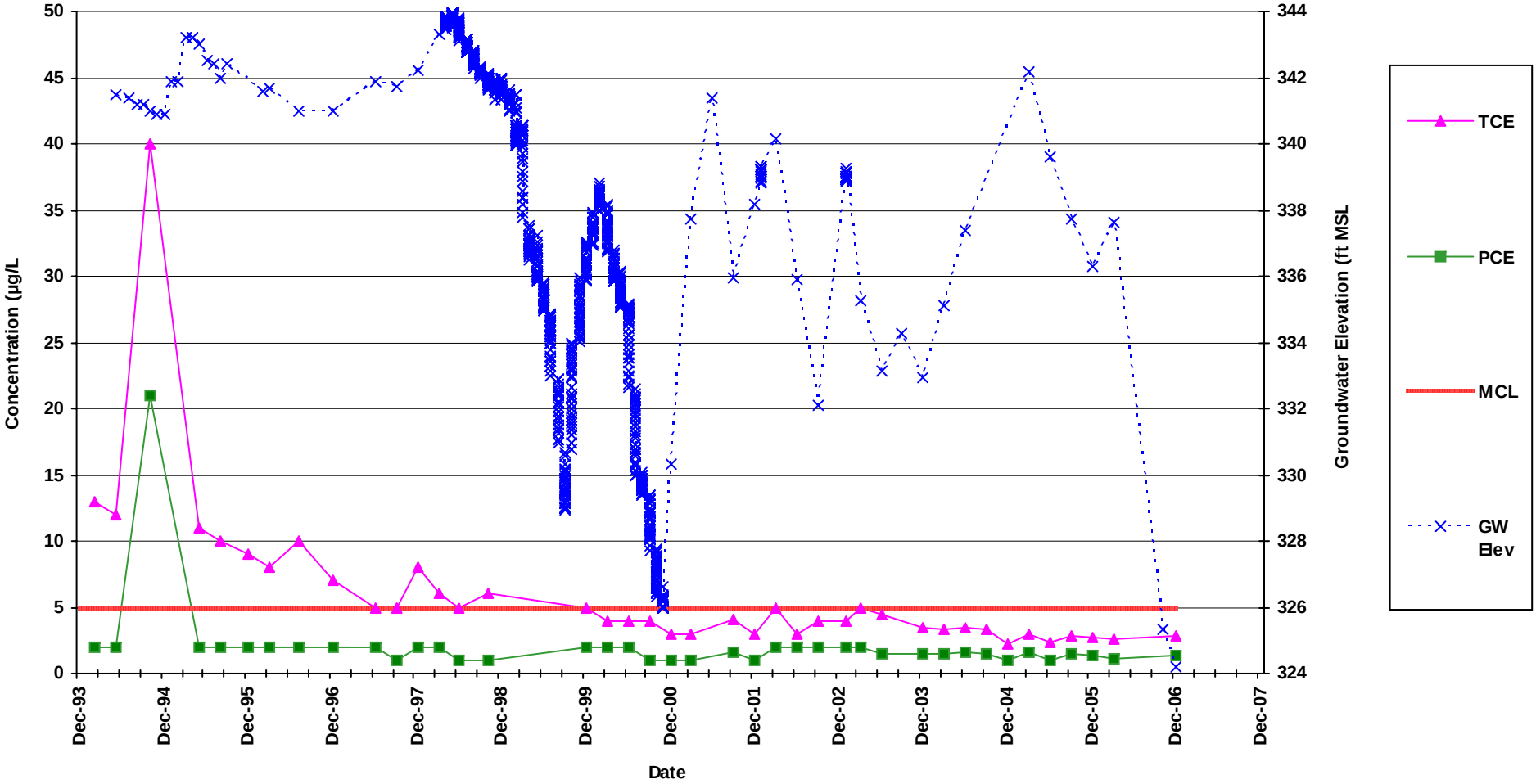


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	0.4	1	13
PCE	0.3	0.5	13

CH2MHILL

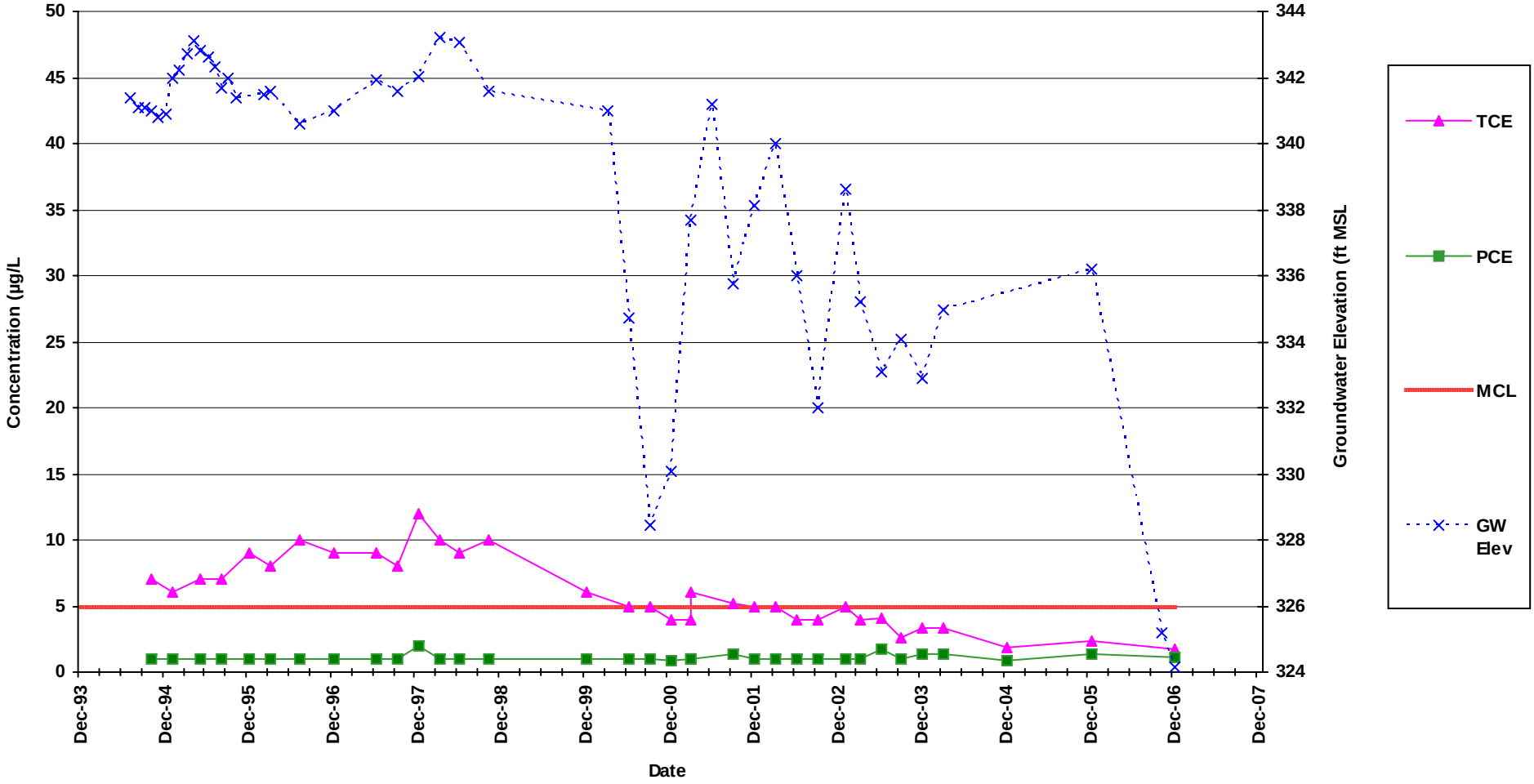
FIGURE H-68
Well PO-C03-182
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California



	Average	Maximum	Count
TCE	6	40	40
PCE	2	21	40

CH2MHILL

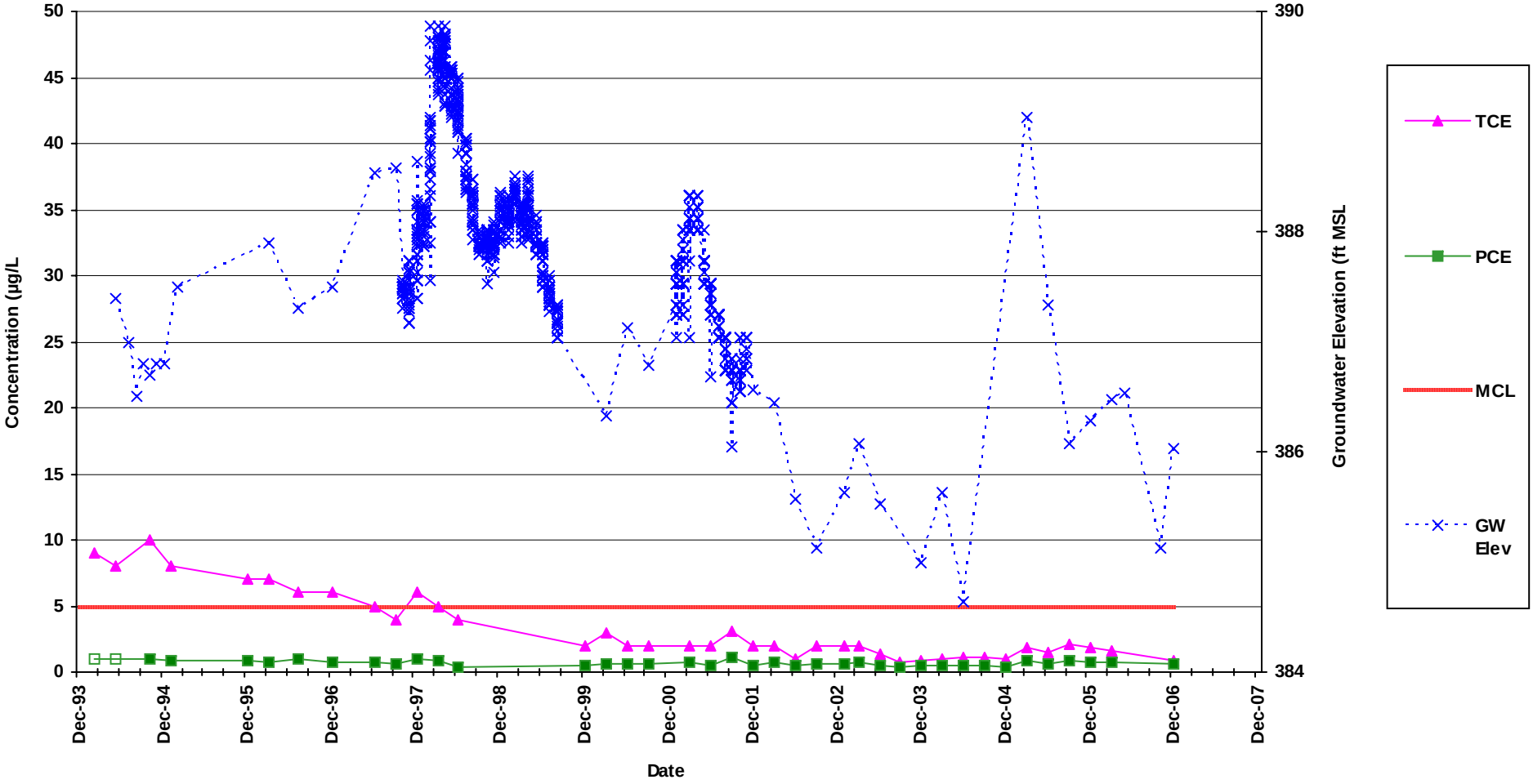
FIGURE H-69
Well PO-C03-235
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California



	Average	Maximum	Count
TCE	6	12	34
PCE	1	2	34

CH2MHILL

FIGURE H-70
Well PO-VPB-01
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

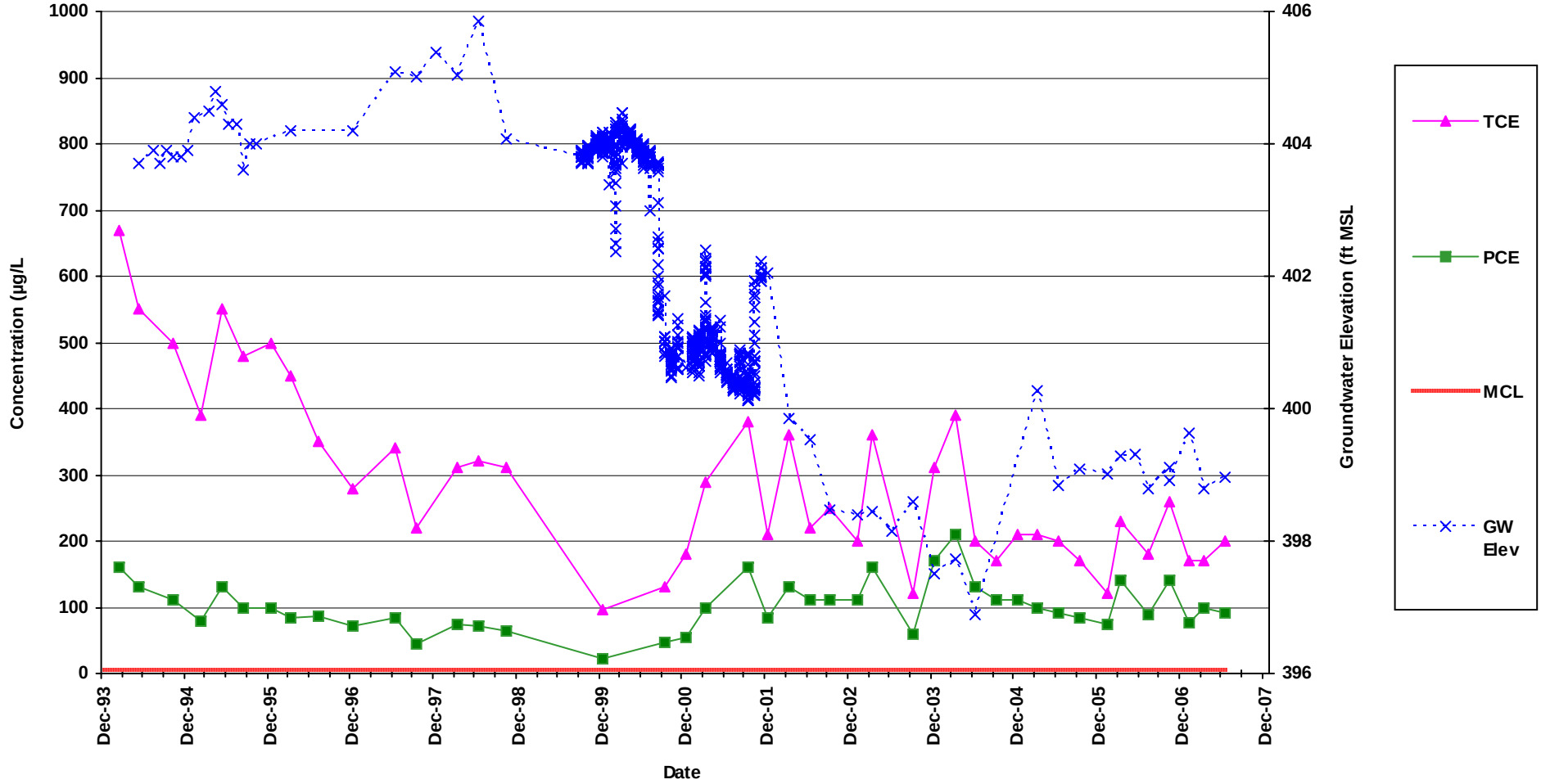


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	3	10	39
PCE	0.6	1	39

CH2MHILL

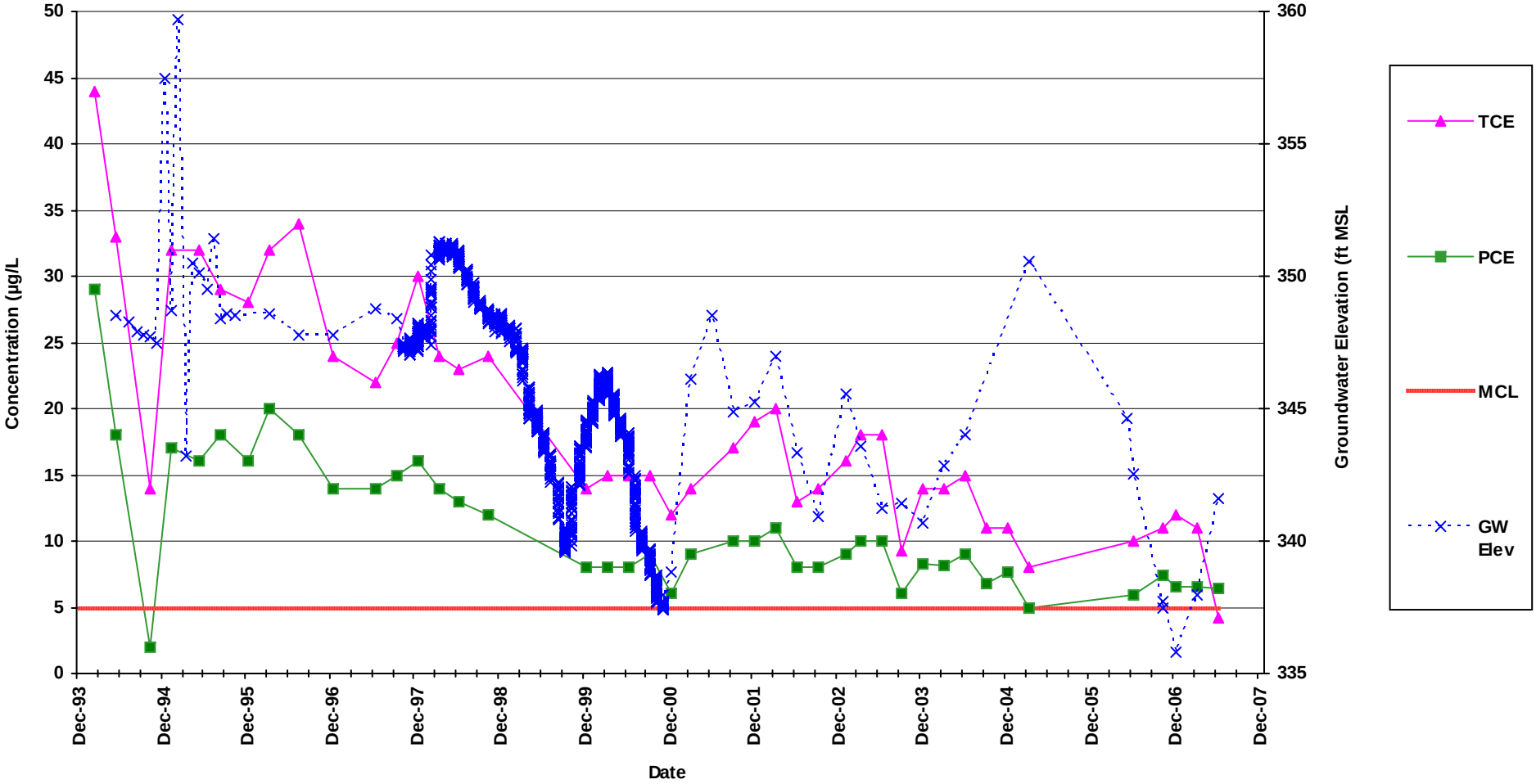
FIGURE H-71
Well PO-VPB-02
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California



	Average	Maximum	Count
TCE	291	670	42
PCE	101	210	42

CH2MHILL

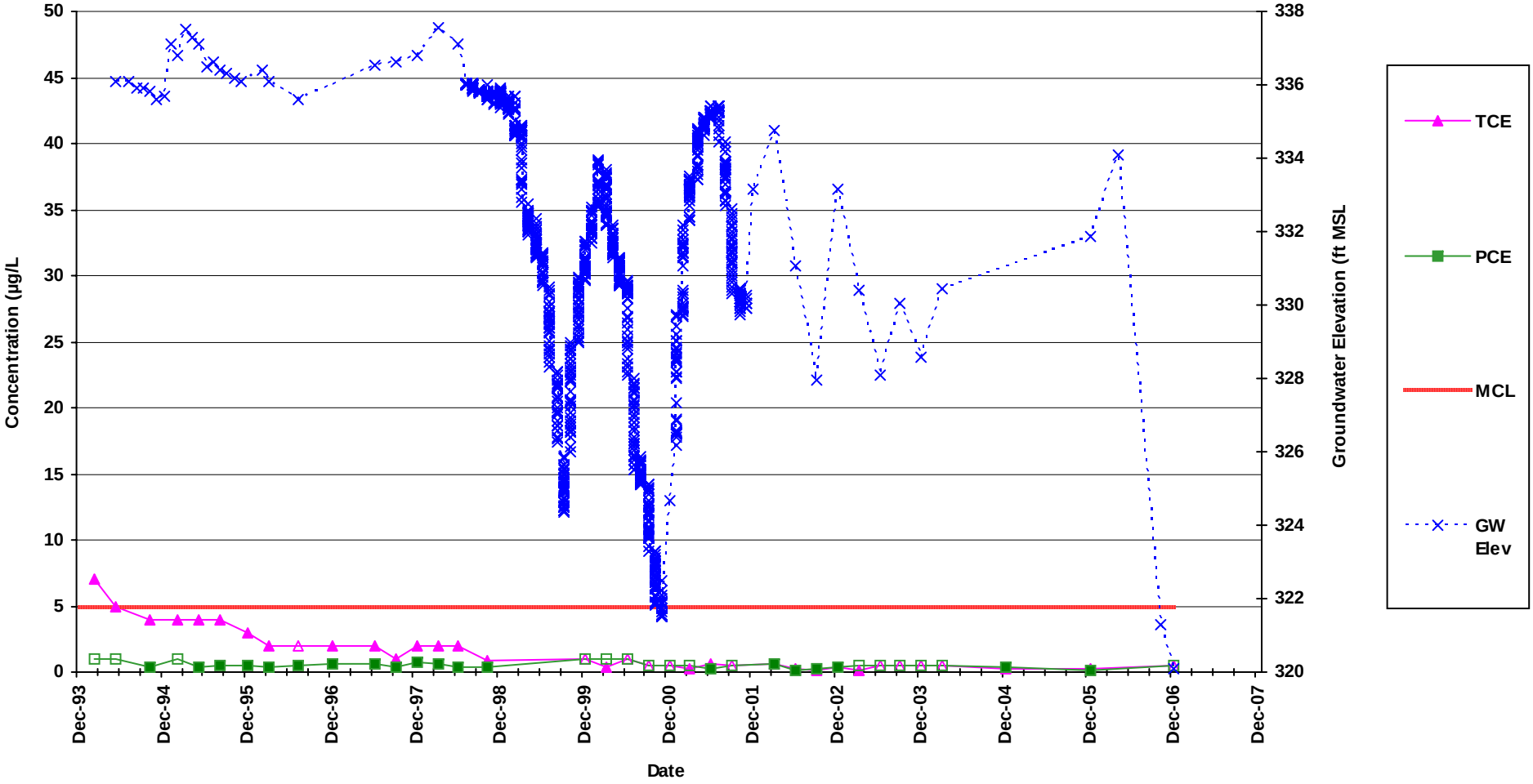
FIGURE H-72
Well PO-VPB-03
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California



	Average	Maximum	Count
TCE	20	44	43
PCE	11	29	43

CH2MHILL

FIGURE H-73
Well PO-VPB-05
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

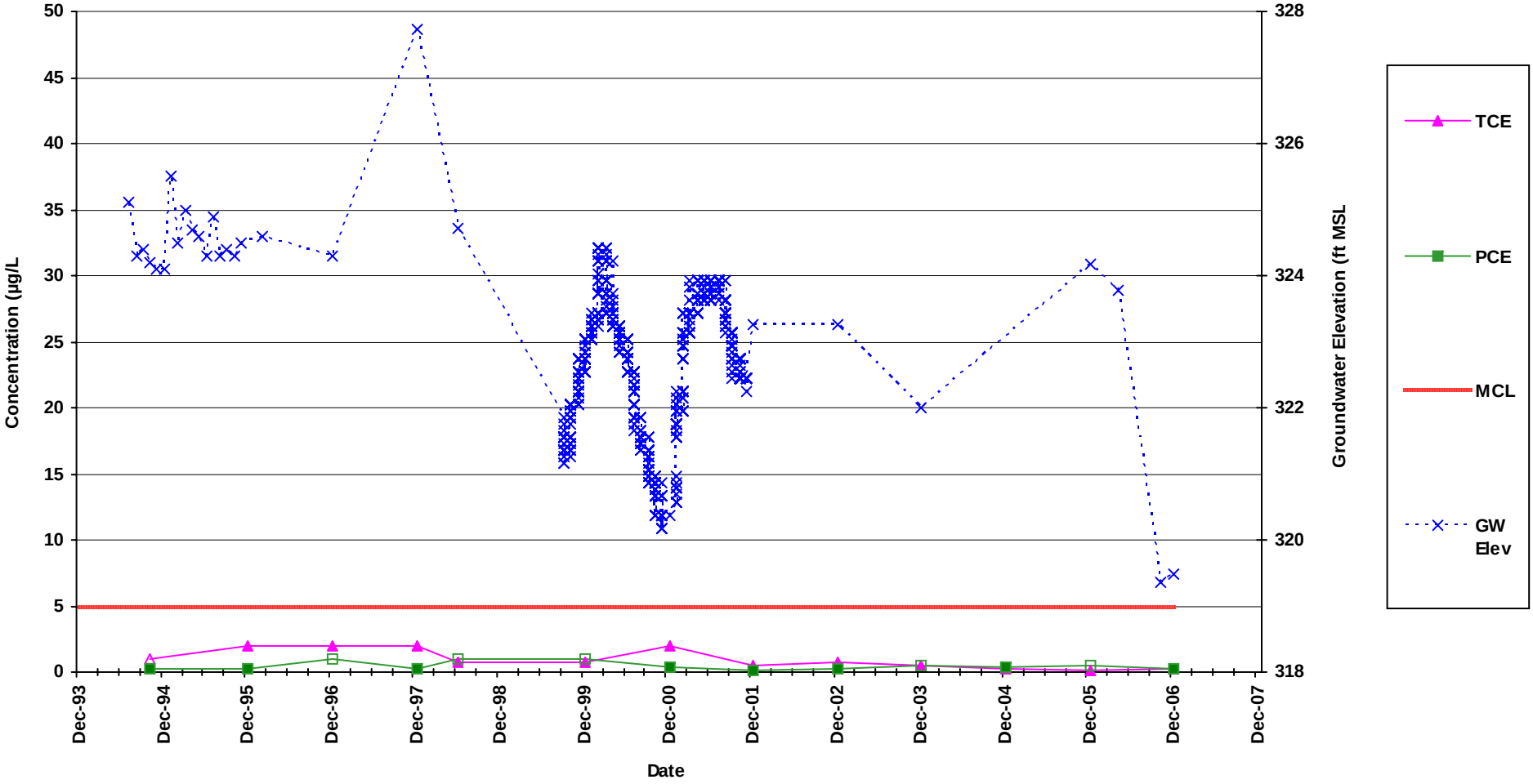


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	1	7	36
PCE	0.2	0.7	36

CH2MHILL

FIGURE H-74
Well PO-VPB-06
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

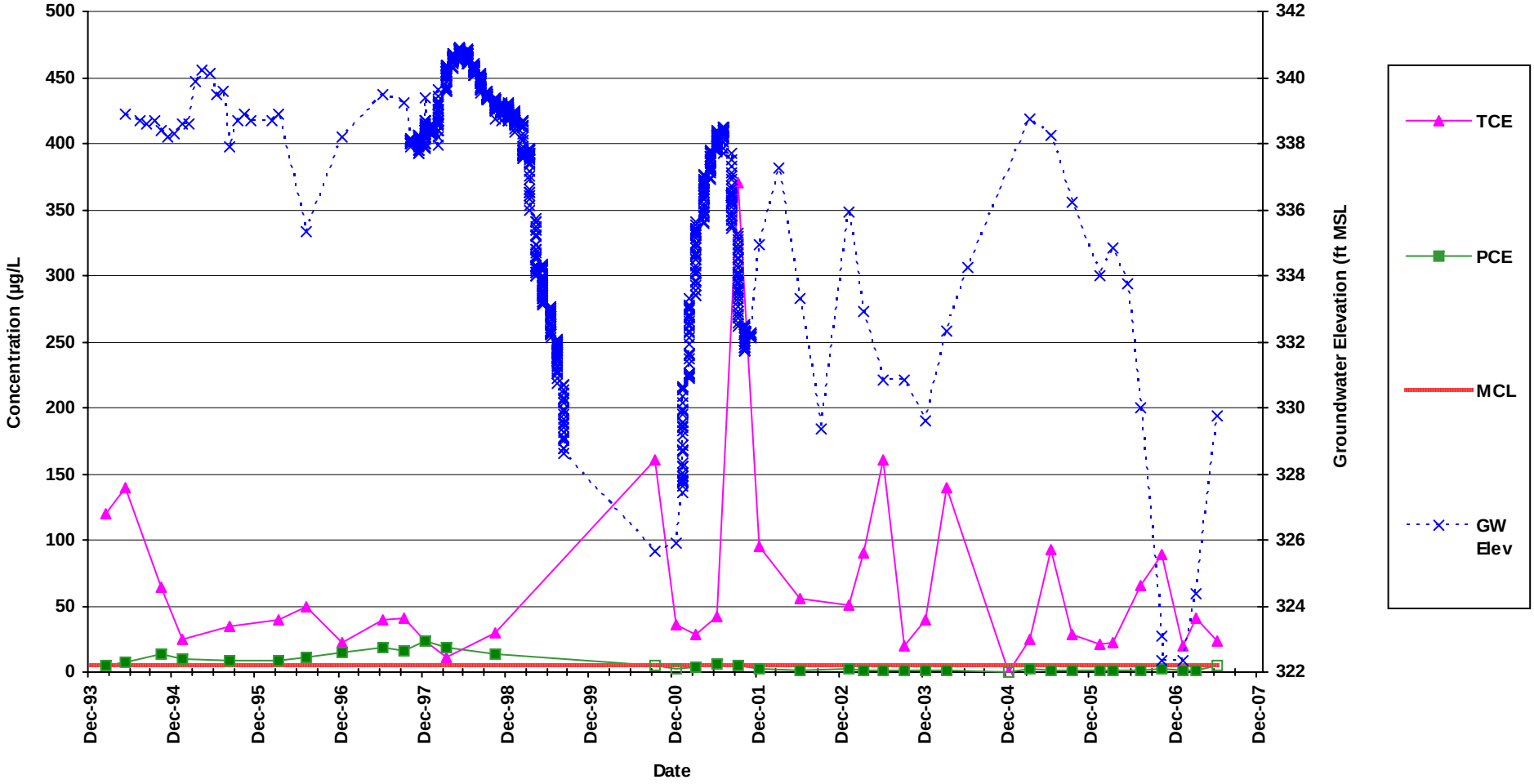


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	0.9	2	13
PCE	0.2	0.4	13

CH2MHILL

FIGURE H-75
Well PO-VPB-07
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

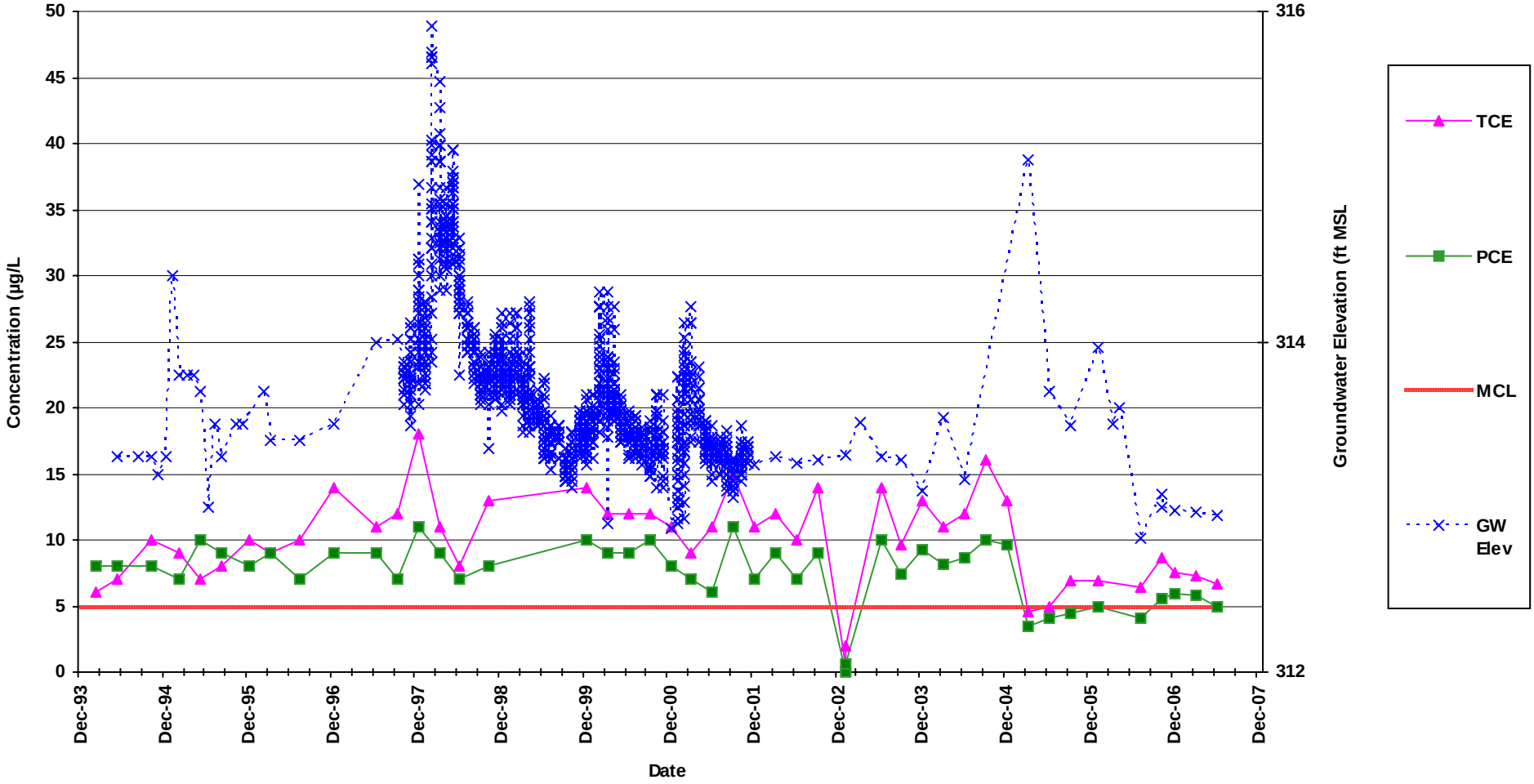


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	64	370	37
PCE	6	23	37

CH2MHILL

FIGURE H-76
Well PO-VPB-08
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

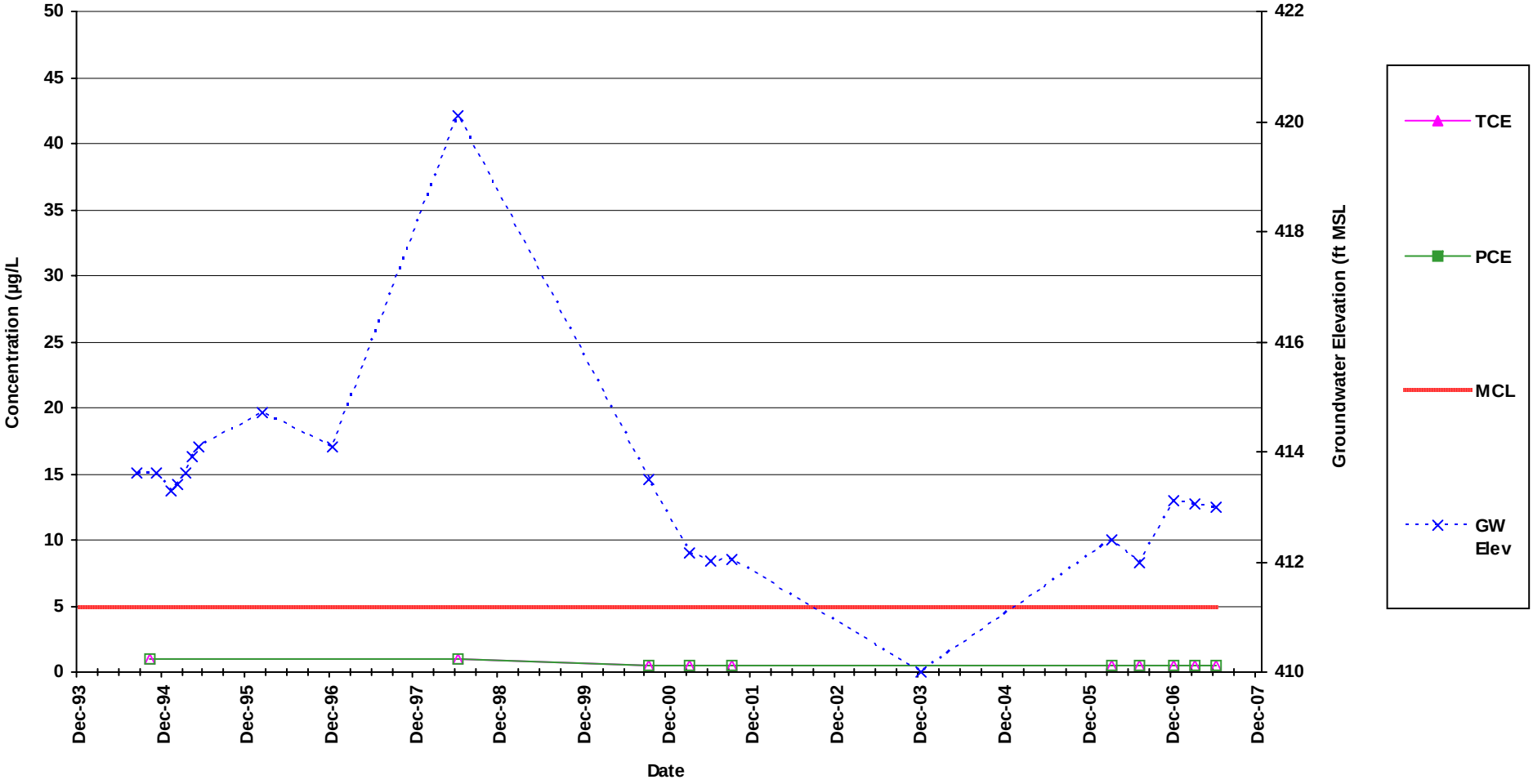


	Average	Maximum	Count
TCE	10	18	46
PCE	7	11	46

Note: Non-detected results are plotted at the detection limit as non-filled symbols

CH2MHILL

FIGURE H-77
Well PO-VPB-10
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

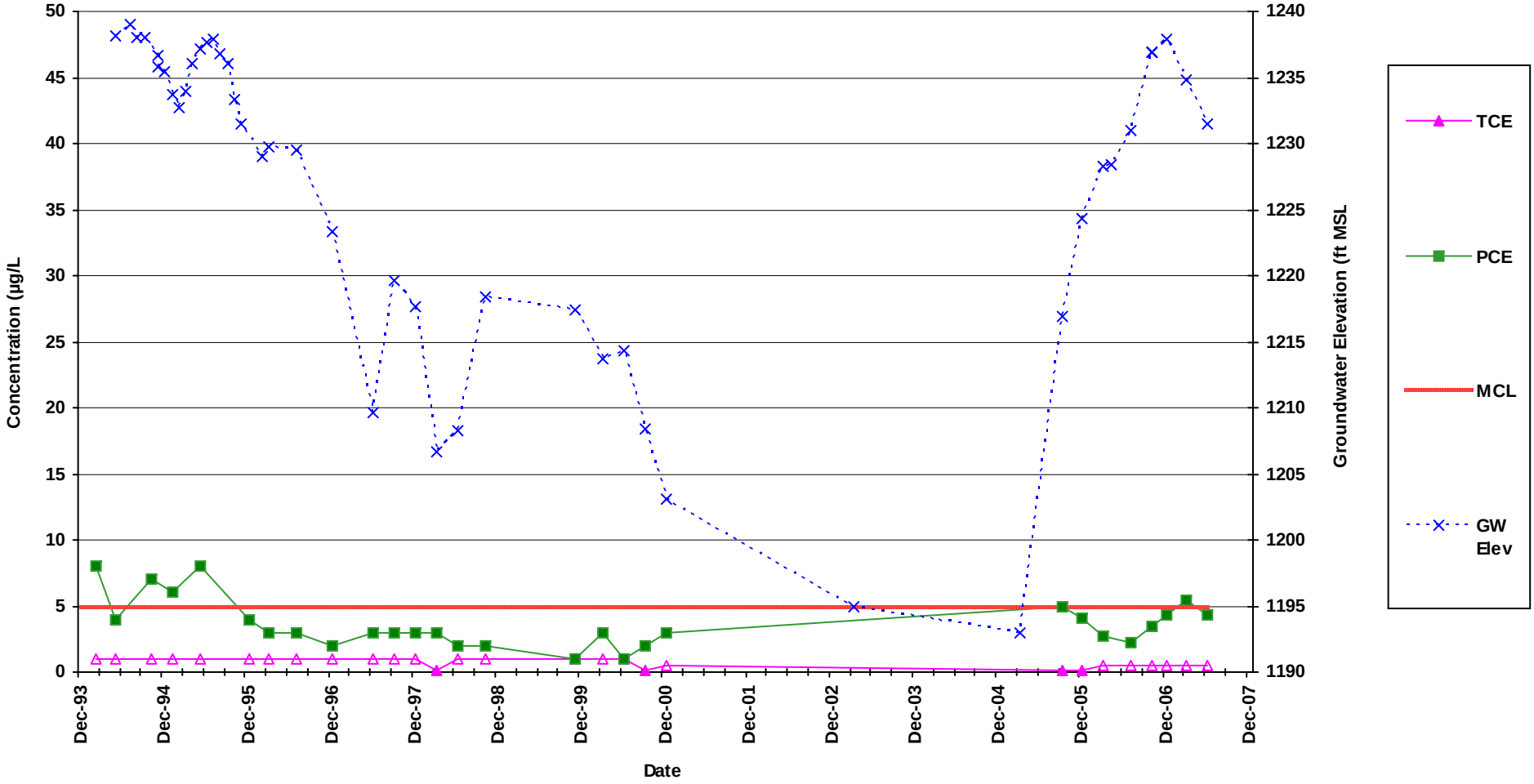


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	ND	ND	10
PCE	ND	ND	10

CH2MHILL

FIGURE H-78
Well VD-VPB-01
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

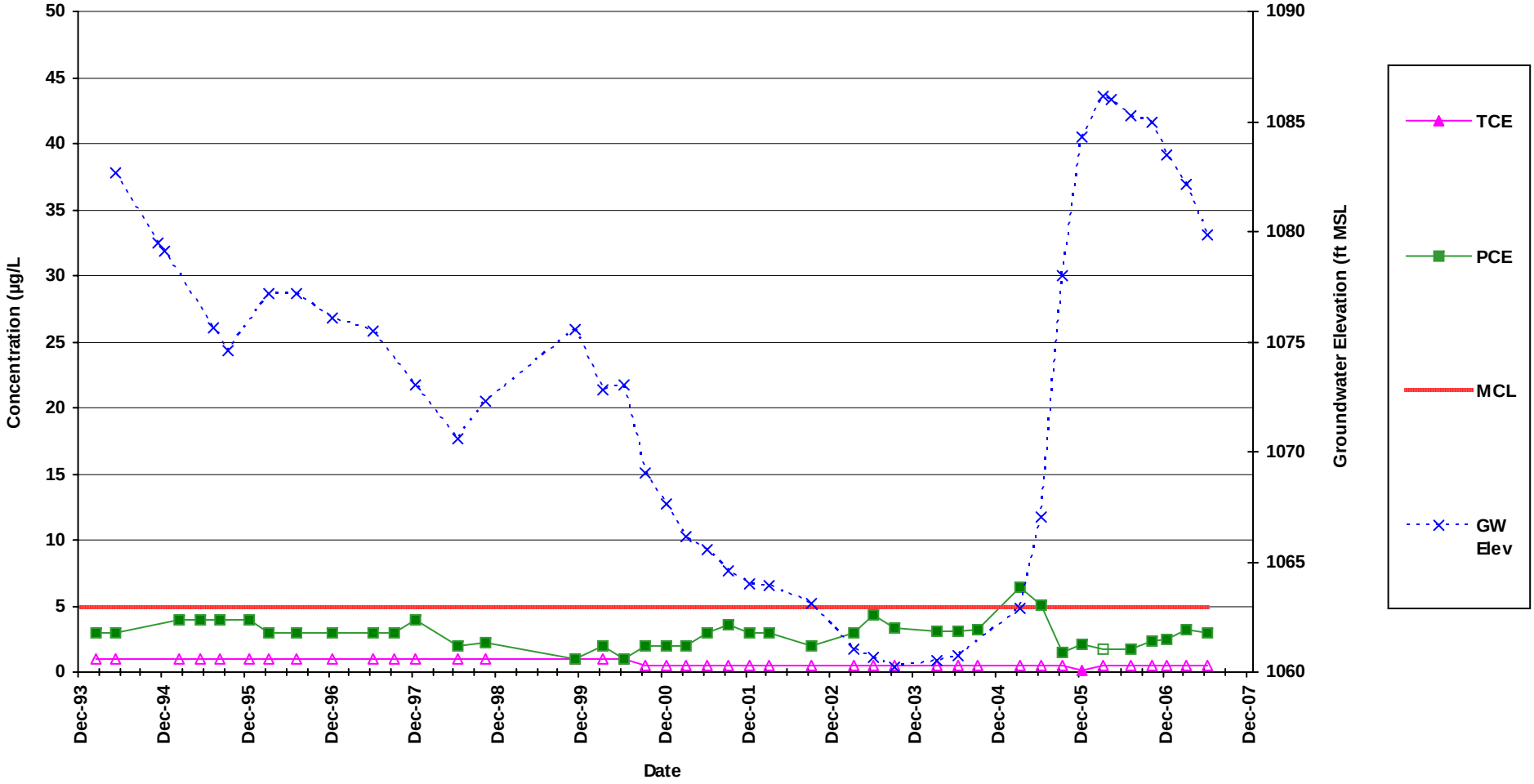


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	0.02	0.2	29
PCE	4	8	29

CH2MHILL

FIGURE H-79
Well VD-VPB-02
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

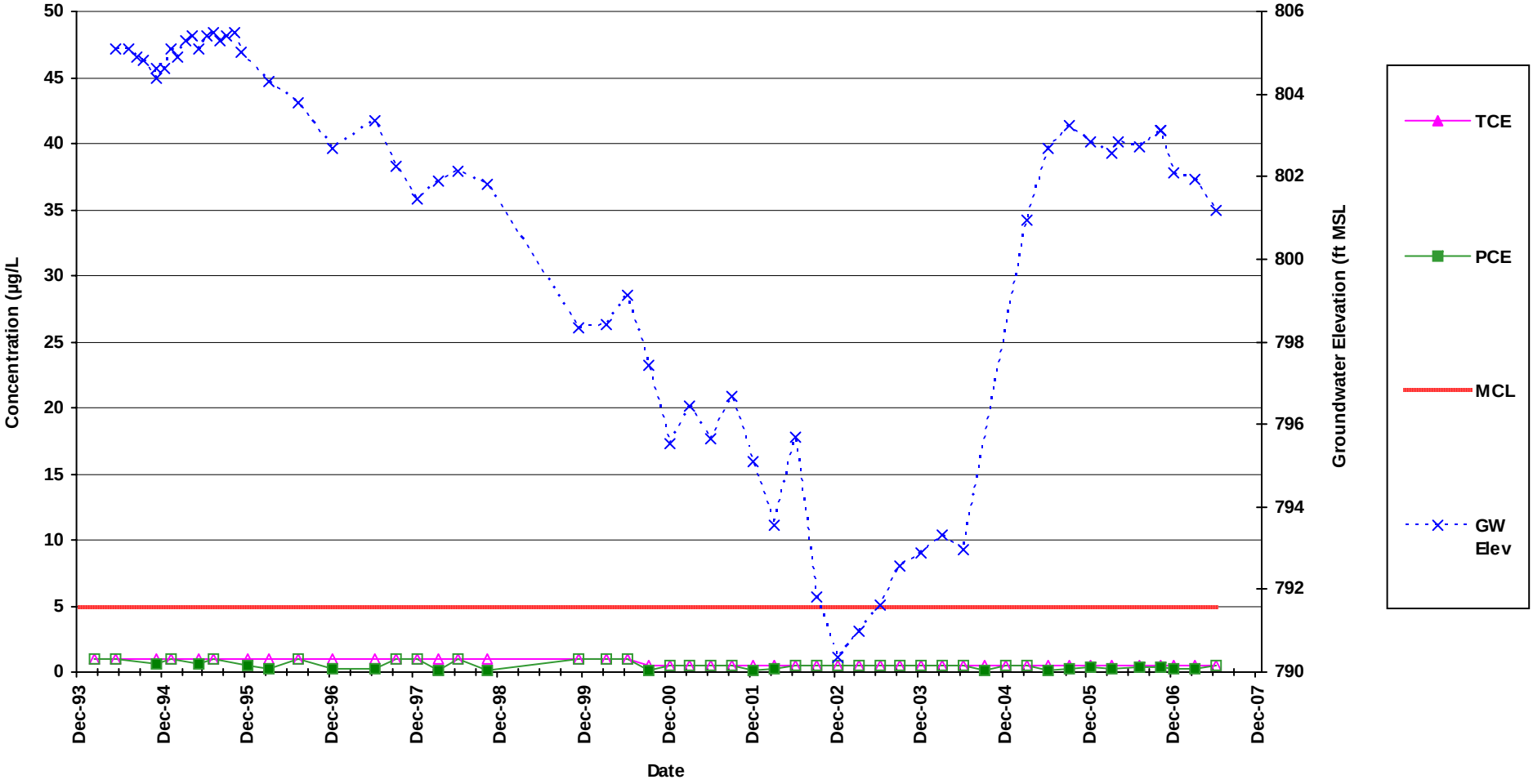


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	0.002	0.1	41
PCE	3	6	41

CH2MHILL

FIGURE H-80
Well VD-VPB-03
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

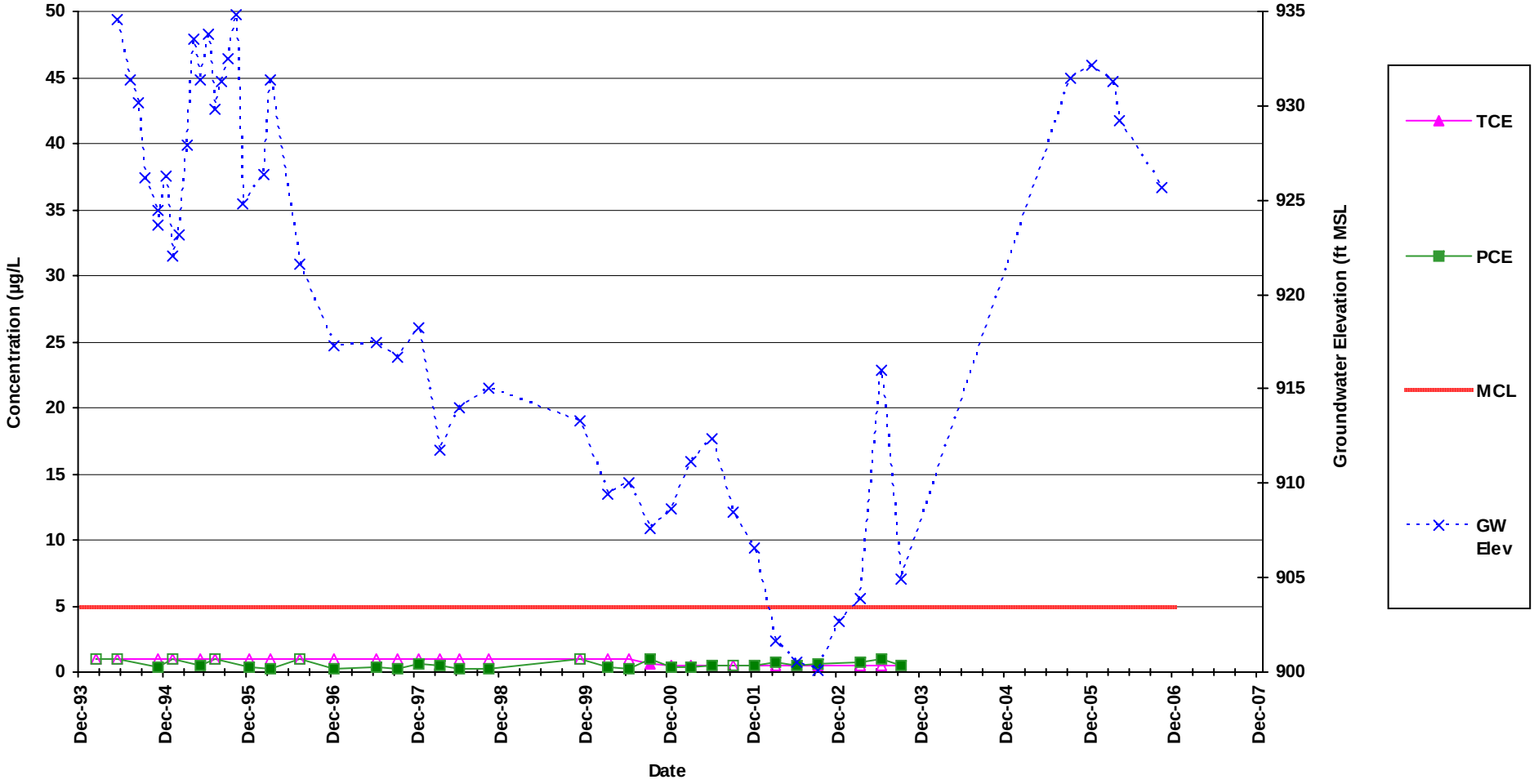


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	ND	ND	47
PCE	0.1	0.6	47

CH2MHILL

FIGURE H-81
Well VD-VPB-04
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

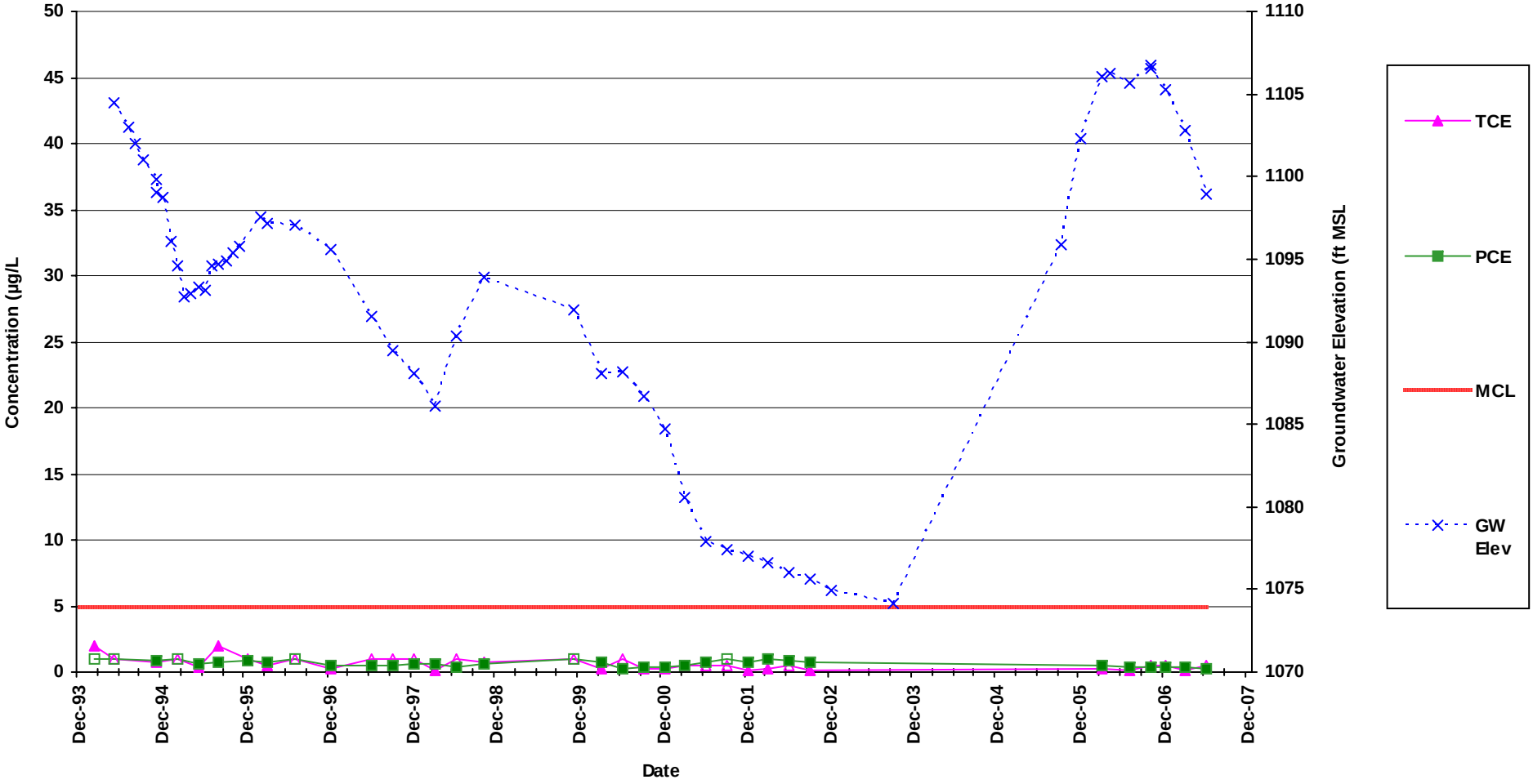


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	0.02	0.6	31
PCE	0.4	1	31

CH2MHILL

FIGURE H-82
Well VD-VPB-05
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

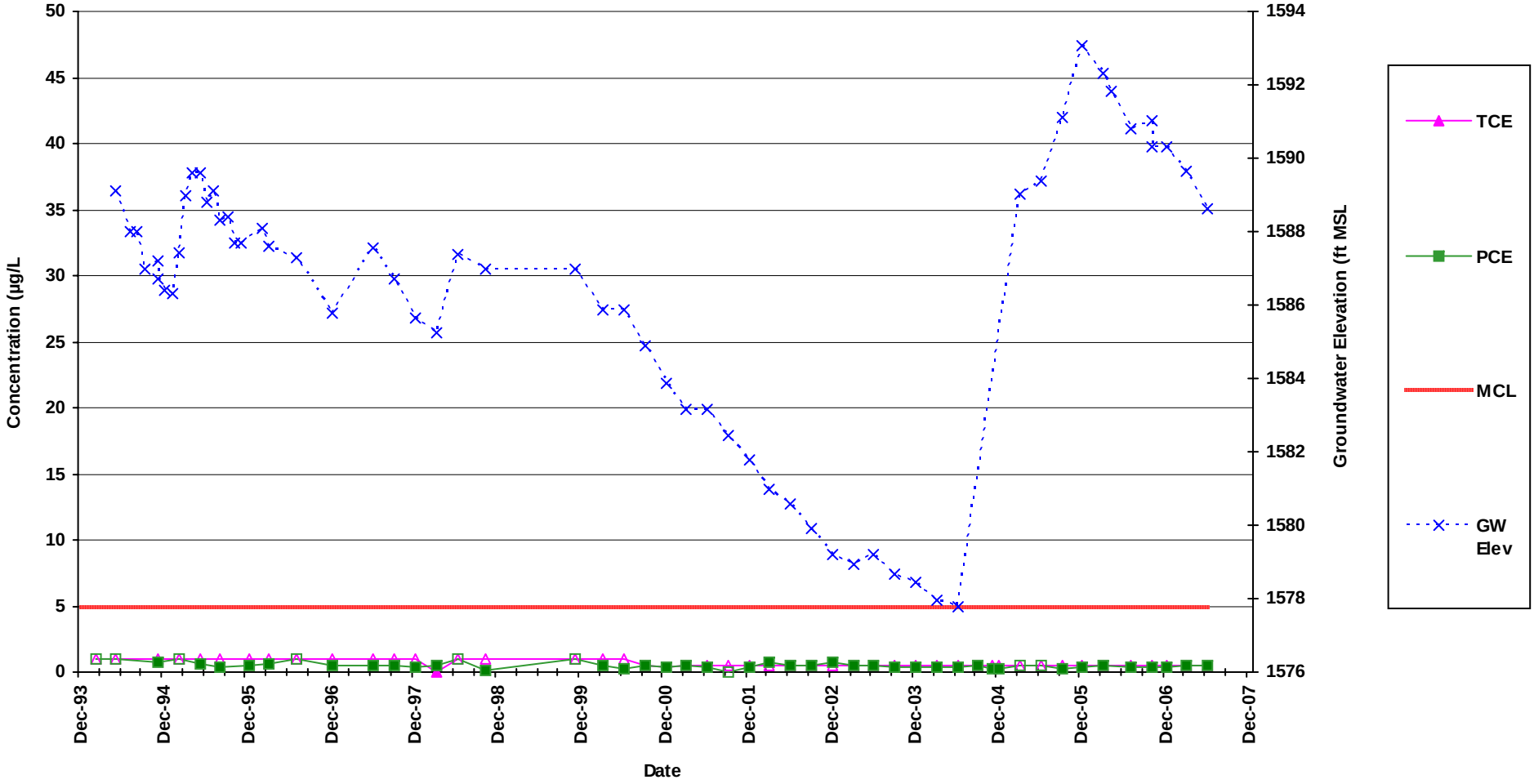


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	0.3	2	34
PCE	0.5	1	34

CH2MHILL

FIGURE H-83
Well VD-VPB-06
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California

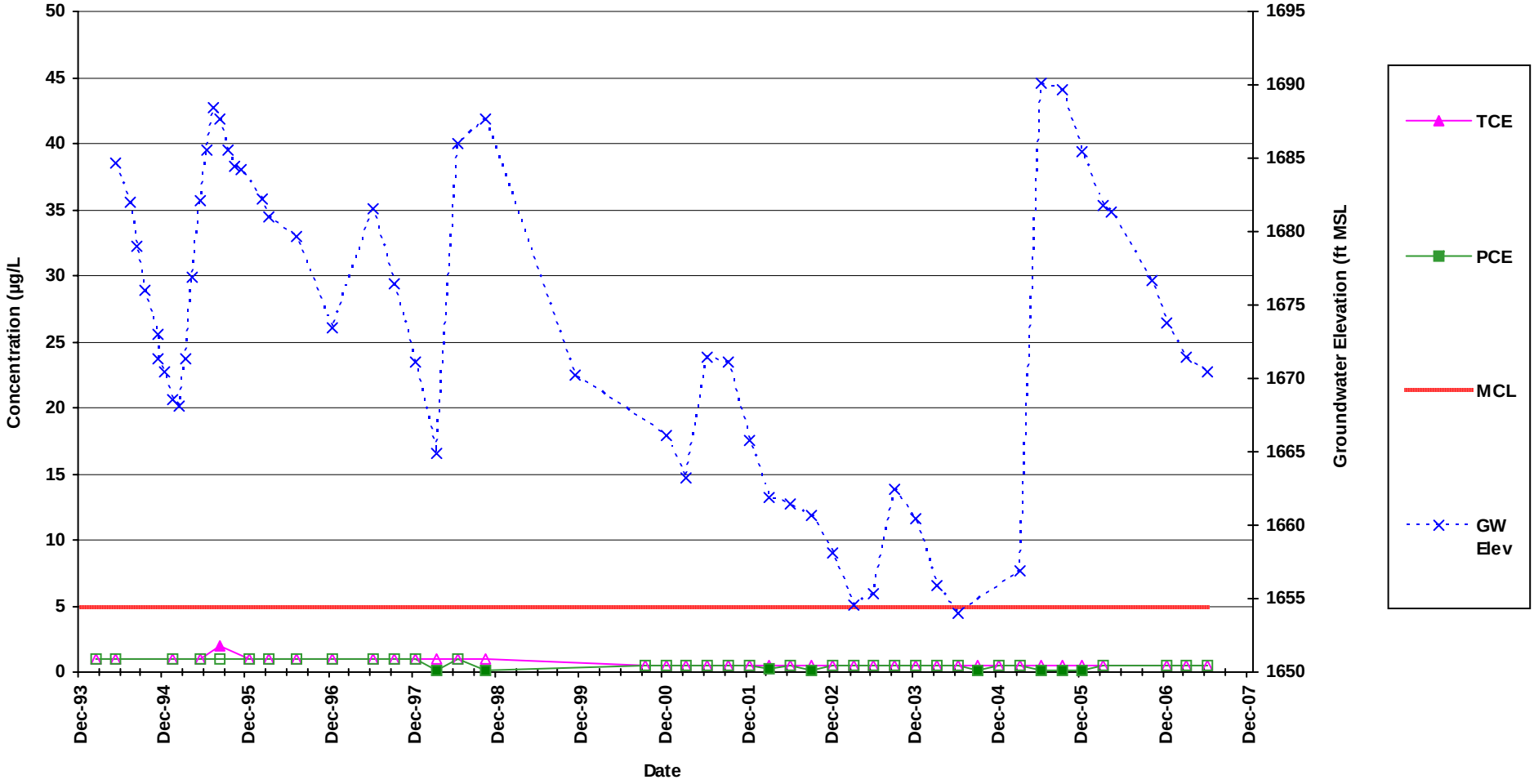


Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	0.01	0.4	48
PCE	0.4	0.7	48

CH2MHILL

FIGURE H-84
Well VD-VPB-07
TCE and PCE Concentration and Groundwater Elevation vs. Time
San Fernando Valley, Los Angeles County, California



Note: Non-detected results are plotted at the detection limit as non-filled symbols

	Average	Maximum	Count
TCE	0.05	2	41
PCE	0.02	0.2	41

CH2MHILL