395 PAGE MILL ROAD
PALO ALTO, CA

Third Five-Year Status Report and Effectiveness Evaluation

640 Page Mill Road Site
395 Page Mill Road Site,
601 California Avenue Site and
California-Olive-Emerson (COE)
Off-Site Areas, Palo Alto, California

Prepared for:
Hewlett-Packard Company and
Varian Medical Systems, Inc.

Stantec

February 19, 2010

Limitations and Certifications

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Information, conclusions, and recommendations provided by Stantec in this document has been prepared under the supervision of and reviewed by the licensed professional whose signature appears below.

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February 19, 2010

Mr. Roger Papler
California Regional Water Quality Control Board
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Transmittal of the Thrid Five-Year Status Report and Effectiveness Evaluation for 640 Page Mill Road, 395 Page Mill Road, 601 California Avenue, and the Off-Site Area, Palo Alto, California.

Dear Mr. Papler:

Hewlett-Packard Company and Varian Medical Systems, Inc. are pleased to submit the attached "Third Five-Year Status Report and Effectiveness Evaluation" for the above referenced sites and the Off-Site Area (the California-Olive-Emerson (COE) Area and Perimeter Area), Palo Alto, California. This document is submitted in accordance with Provision 7(a) of Revised Site Cleanup Requirements Order 94-130 dated September 21, 1994, issued by the San Francisco Bay Regional Water Quality Control Board.

To the best of our knowledge, the contents of this report are true and correct. Please call if you have any questions regarding this report.

Please call if you have any questions regarding this report.

Sincerely,

Hewlett-Packard Company

Jonathan Bauer
Project Manager

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Attachment

cc: Mailing List (attached)

1.0 Introduction

This *Third Five-Year Status Report and Effectiveness Evaluation* (the "Evaluation") has been prepared on behalf of Hewlett-Packard Company (HP) and Varian Medical Systems, Inc. (Varian) by Stantec Consulting Corporation (Stantec). This Evaluation is for the:

- HP 640 Page Mill Road Site, Palo Alto, California (the "640 PMR Site");
- HP 395 Page Mill Road Site, Palo Alto, California (the "395 PMR Site");
- Varian 601 California Avenue Site, Palo Alto, California (the "601 CA Site"); and
- Off-Site Area

The 640 PMR Site, 395 PMR Site and 601 CA Site are collectively referred to as "the Sites." The Off-Site Area consists of the California-Olive-Emerson (COE) Area (the "COE Area") and the "Perimeter Area." The Off-Site Area is described in Section 2.1. Figure 1-1 shows the location of the Sites and the Off-Site Area. The Sites and Off-Site Area are collectively referred to as the "Study Area."

The *Five-Year Status Report and Effectiveness Evaluation* (First Five-Year Report; SECOR, 2000) was submitted to the California Regional Water Quality Control Board, San Francisco Bay Region (RWQCB) on June 1, 2000 and covered the period from January 1, 1995 through December 31, 1999 (the "first five-year reporting period"). The RWQCB approved the First Five-Year Report in August 2000 (RWQCB, 2000). The *Second Five-Year Status Report and Effectiveness Evaluation* (Second Five-Year Report; SECOR, 2005b) was submitted to the RWQCB on November 17, 2005 and covered the period from January 1, 2000 through August 31, 2005 (the "second five-year reporting period"). An *Addendum to the Second Five-Year Status Report and Effectiveness Evaluation* (Addendum; SECOR, 2006a) was submitted to the RWQCB on June 16, 2006 to convey additional recommendations for the 395 PMR Site. The RWQCB approved the Second Five-Year Report and Addendum in a Letter to HP and Varian dated February 9, 2007 (Second Five-Year Approval Letter, RWQCB, 2007). A September 2008 letter from the RWQCB specified February 1, 2010 as the due date for the current Evaluation (RWQCB, 2008c). An extension to this due date was authorized by RWQCB staff via email correspondence with HP.

This Evaluation is submitted in accordance with Provision C.7(a) of the *Revised Site Cleanup Requirements, Order No. 94-130* (the "Order"), issued on September 21, 1994, by the RWQCB. This Evaluation covers the period from September 1, 2005 through December 31, 2009 (the "Reporting Period").

Consistent with the requirements of Provision 7(a) of the Order, this Evaluation presents:

- Results of additional investigation (completed since the Second Five-Year Report was issued);

- An evaluation of the effectiveness of installed final cleanup measures and final cleanup costs;
- Additional recommended measures to achieve final cleanup objectives, if necessary;
- Estimated projected costs necessary to achieve cleanup objectives and standards;
- Tasks and estimated time schedule necessary to implement any additional final cleanup measures, if necessary;
- A description of the reuse of extracted groundwater; and
- A discussion regarding the feasibility of achieving cleanup objectives using the existing remedial systems.

The remaining portions of this Evaluation are organized as follows.

- Section 2.0 presents background information on the Sites and Off-Site Area, a summary of the chemicals of concern and cleanup objectives for both soil and groundwater, a summary of the local hydrogeology, and a review of the extent of volatile organic compounds (VOCs) in groundwater (and soil) at the Sites and in the Off-Site Area.
- Section 3.0 presents a summary of soil and groundwater remedial measures implemented at the Sites and the Off-Site Area to date (both interim and final), including reuse measures for extracted and treated groundwater, and discusses the current groundwater self-monitoring program (SMP).
- Section 4.0 describes additional investigative activities conducted at the Sites and Off-Site Area during this reporting period.
- Section 5.0 presents an evaluation of the effectiveness the final groundwater cleanup remedy and recorded land use restrictions, and provides information regarding projected costs to achieve cleanup objectives.
- Section 6.0 presents conclusions regarding the effectiveness of the remedial systems in making progress towards achieving the remedial objectives, and recommendations.

2.0 Project Background

Unless otherwise noted below, the information presented in Section 2.0 is taken from the *Remedial Investigation Report – Revised* for the Study Area (the Area RI; ENVIRON, 1994b).

2.1 SITE SETTING AND HISTORY

Figure 1-1 shows the location of the Sites and the Off-Site Area, which is subdivided into the COE Area and the Perimeter Area. The COE Area excludes the Sites and is bounded by California Avenue to the west, Olive Avenue to the east, Emerson Avenue to the north, and the southernmost extent of the 640 PMR Site to the south. The southernmost extent is also defined by a line that extends eastward from Cornell Street and terminates at California Avenue in the southwest corner of the Study Area. Figure 1-1 also identifies the Perimeter Area that adjoins the COE Area to the east. The Perimeter Area is bounded to the south by the Varian 611 Hansen Way General Study Area boundary (Fluor-Daniel GTI, 1996). Emerson Street defines the limits of the Perimeter Area to the north, and Fernando, Margarita, and El Carmelo Avenues define the eastern extent. HP and Varian have cooperated in implementing remedial measures for the Off-Site Area with oversight from the RWQCB.

2.2 HYDROGEOLOGY

The local hydrogeology has been studied extensively. Figure 2-1 indicates the locations of existing wells installed at the Sites and Off-Site Area. The following sections describe the local stratigraphy and groundwater flow.

2.2.1 Stratigraphy

The Sites and Off-Site Area are underlain by alluvial fan deposits associated with the San Francisquito Creek to the west and Matadero Creek to the east. Two primary water-bearing aquifers were identified within the alluvial fan deposits. These have been termed the A aquifer (A1 Upper [A1U], A1, and A2 Zones), which extends between approximate depths of 13 to 55 feet below ground surface (bgs), and the B aquifer (B1 and B2 Zones), which was encountered between depths of approximately 60 to 120 feet bgs. Thin sandy lenses that extend into the upper portion of the A/B aquitard have been designated as A2 Deep (A2D).

Predominant directions of deposition were identified based on the occurrence and distribution of the alluvial fan deposits. The predominant depositional directions correspond generally with current ground surface topography at the Sites and within the Off-Site Area, which indicates they are situated along the transition zone between the San Francisquito Creek alluvial fan to the west and the Matadero Creek fan to the east. As a result, the predominant depositional orientation of channels developed is easterly in the general area west of Page Mill Road, becoming northerly in the vicinity of Matadero Creek, particularly southeast of the Off-Site Area.

2.2.2 Groundwater Flow

The regional direction of groundwater flow is northeasterly, from the hills toward San Francisco Bay. Within the Off-Site Area (and at the Sites to varying degrees), groundwater flow patterns in the A aquifer are affected by the Oregon Expressway Underpass (OEU) dewatering system (Figures 2-2 through 2-4), which draws groundwater toward the subdrain collection system. The general direction of groundwater flow in the A aquifer within the Off-Site Area is from south to north toward the OEU. The groundwater flow direction in the deeper B aquifer is from south-southwest to north-northeast (Figure 2-5).

The OEU dewatering system has a substantial hydraulic effect on groundwater flow within the Study Area. Previously presented hydraulic evaluations, including a computerized groundwater flow model, indicated that the capture area created by pumping from the subdrain was effective in capturing chemicals in the A aquifer, particularly in the northern portion of the COE Area and portions of the Perimeter Area.

2.3 CHEMICALS OF CONCERN IN GROUNDWATER

The principal chemicals of concern in groundwater at the Sites and within the Off-Site Area are chlorinated VOCs, including trichloroethene (TCE), 1,1,1-trichloroethane (1,1,1-TCA), 1,1-dichloroethene (1,1-DCE), 1,2-dichloroethene (1,2-DCE), 1,1-dichloroethane (1,1-DCA), and tetrachloroethene (PCE). TCE is the VOC most widely distributed and detected at highest concentrations (Figures 2-6 through 2-8). The primary VOC originating at the 395 PMR Site, however, is PCE.

At the time the Area RI was finalized, analytical results indicated that VOCs were restricted vertically to depths less than 45 feet, or within the A aquifer, except at the 640 PMR Site where VOCs had been detected at the base of the A aquifer at an approximate depth of 55 feet bgs. VOCs generally had not been detected in the B aquifer, except at the 640 PMR Site in the immediate vicinity of the location of a former underground storage tank (UST). Confirmed detections of VOCs in the B aquifer at this location had been at concentrations below Primary Drinking Water Standard Maximum Contaminant Levels (MCLs). VOCs were also detected at concentrations above MCLs in five groundwater grab samples collected from the B aquifer at or near Clocktower Plaza in the Perimeter Area. Data collected since 1994 indicate that the chemicals of concern listed in Table 2-1 have been detected only sporadically in the B Zone and generally at concentrations near the method detection limits, which are below MCLs. None of the chemicals of concern listed in Table 2-1 were detected in the samples collected from B Zone wells during this reporting period.

2.4 CLEANUP STANDARDS

Chemicals of concern at the Sites and within the Off-Site Area are VOCs. Finding 18 of the Order stipulates the cleanup standards for VOCs in soil and groundwater. For unsaturated zone soil, the cleanup standard is one (1) milligram per kilogram (mg/kg) total VOCs. This standard is based on groundwater protection. Groundwater cleanup standards established pursuant to

the Order are U.S. Environmental Protection Agency (USEPA) MCLs, California Department of Environmental Protection MCLs, or for acetone, a target level based on toxicity characteristics published by USEPA. The chemical specific groundwater cleanup standards are listed in Table 2-1.

3.0 Remedial Measures and Monitoring Program

The following sections describe remedial measures implemented for soil and groundwater. Reuse of extracted and treated groundwater and the groundwater SMP are also discussed.

3.1 REMEDIAL MEASURES FOR SOIL

3.1.1 640 Page Mill Road

Details of the remedial investigation and historical remedial actions completed at the 640 PMR Site through 1994 were previously presented in Appendix B of the Area RI, and Appendix A of the Study Area *Feasibility Study – Revised* (ENVIRON, 1994c), hereinafter referred to as the "Area FS." Pre-1994 remedial actions primarily involved removal of tanks, piping, and other facilities associated with past site activities, and excavation of impacted soils with off-site treatment or disposal. During April 1994 through August 1997, soil vapor extraction and treatment (SVET) was used to remove residual VOCs from soil at the 640 PMR Site. The SVET system includes 28 soil vapor extraction (SVE) wells screened in an upper coarse-grained unit (16 to 21 feet bgs), a lower coarse-grained unit (26 to 38 feet bgs), or an intermediate fine-grained unit located between the upper and lower (ENVIRON, 1996). VOCs were removed from extracted vapors by vapor-phase granular activated carbon (GAC).

An effectiveness evaluation of SVET system operation was submitted per requirements of the Order in a July 1995 report to the RWQCB (ENVIRON, 1995b), and was subsequently approved.

Conclusions presented in the Effectiveness Evaluation included:

- The influent VOC concentration to the SVET system had decreased by approximately 99 percent and the remediation goals for VOCs and acetone had likely been achieved in the upper zone soils; and
- Groundwater levels had risen since installation of the SVE wells, partially or completely re-saturating the gravel packed intervals for most of the lower zone SVE wells.

The SVET system has not operated for any significant time since August 1997.

3.1.2 395 Page Mill Road

Details of the remedial investigation and remedial action activities completed at the 395 PMR Site through 1995 were previously presented in Appendix C of the Area RI, Appendix B of the Area FS, *Vadose Zone Soil Remediation and Additional Soil Investigation Report* (Montgomery-Watson, 1993), *Area X Remedial Design Sampling Report* (ENVIRON, 1994a), *Area X Remediation Work Plan* (ENVIRON, 1995a) and *Addendum to Area X Remediation Work Plan* (ENVIRON, 1995c).

Several areas beneath buildings at the 395 PMR Site were inaccessible during the above referenced investigation and remediation activities. These areas were identified and addressed in 1998 and 1999 during building demolition and site redevelopment activities. Data and information regarding soil investigation and remediation activities completed during and after demolition of 395 PMR Site buildings was provided to the RWQCB in a report titled *Soil Investigation of Areas Exposed by Building Demolition* (ENVIRON, 2001). Based on these results, remaining areas underlying the buildings that were previously inaccessible were investigated and no further investigation or remediation of soils in those areas was deemed necessary.

Two underground storage tanks, not identified during previous investigations, were encountered in 1999 during the site redevelopment activities. The tanks (approximately 350 gallons each in capacity) contained accumulated rainwater with low concentrations of petroleum hydrocarbons. The tanks were subsequently removed, and appropriate sampling and investigation activities were performed. Data and information regarding the tanks, the removal operation, and post-removal sampling were forwarded to the Santa Clara Valley Water District (SCVWD) at various times as the work progressed. Based on a review of those data, and with the concurrence from the RWQCB, the SCVWD issued a case closure letter to HP in August 1999 (SCVWD, 1999).

Construction of the Area X (ten) remedial system was completed in July 1996 to address soil and groundwater impacted by VOCs. The Area X soil remediation consisted of the following:

- Dual-phase extraction (DPE) of soil vapors and groundwater from six A1U Zone extraction wells (RW-1 through RW-6) screened from 10 to 30 feet bgs using a high vacuum blower;
- SVE from seven vertical and one shallow horizontal vadose zone wells extending to less than 10 feet bgs using the DPE blower; and
- Treatment of the soil vapors from the DPE and SVE wells by vapor-phase GAC.

Full time operation of the DPE system began in September 1996. Vapor extraction from the SVE wells was conducted for a period during 1997 and then permanently curtailed with approval from the RWQCB (RWQCB, 1998).

The DPE system was operated until June 7, 2001, when it was shut down as part of a RWQCB-approved trial shutdown (RWQCB, 2001a). The system has remained shut down since that time in accordance with the findings and recommendations of the DPE system trial shutdown evaluation report (SECOR, 2002b).

Based on results of October 2007 soil sampling and analysis results, the RWQCB concurred that the soil cleanup standard of 1 mg/kg had been achieved in Area X (SECOR, 2007e, RWQCB, 2008b). However, the RWQCB did not approve decommissioning the DPE system due to concerns about potential for vapor intrusion at the 395 PMR Site. Potential for vapor intrusion has since been evaluated (see Section 4.2.2), and Decommissioning of the DPE system is expected to be re-evaluated by the RWQCB during 2010.

3.1.3 601 California Avenue

Details of the remedial investigation and remedial action activities completed at the 601 CA Site are presented in Appendix D of the Area RI, and Section 2.2 and Appendix C of the Area FS.

Remedial measures for soil at the 601 CA Site began as an SVET interim remedial measure (IRM) in 1991 (Erler and Kalinowski [EKI], 1991). The IRM was expanded in 1992 as the final remedial measure and implemented in four areas: Areas A, B, C and D (EKI, 1992). The system consisted of 18 extraction points and a central blower/treatment compound.

The SVET system was shut down and the extraction points for Areas A, B and C were decommissioned, per RWQCB approval, in February 1996 prior to site redevelopment (EKI, 1996). The remaining Area D SVET system extraction wells were decommissioned after the RWQCB approved completion of the soil cleanup at the 601 CA Site in August 1996 (EKI, 1997).

3.2 REMEDIAL MEASURES FOR GROUNDWATER

3.2.1 640 Page Mill Road and COE Area

Groundwater extraction as an IRM was implemented at the 640 PMR Site from 1982 through December 1993. Groundwater extraction and treatment was performed from wells O1A, O47A, OB5-2 and OB5-5, which were installed near the 640 PMR source area in the A1 and/or A2 Zones.

The expanded groundwater extraction and treatment (GWET) system for the 640 PMR Site and COE Area final groundwater remedy began full time operation in 1994, and originally included three on-site and six off-site extraction wells.

<u>On-Site Wells</u>

- EW-4 – screened in the A1 and A2 Zones
- EW-5 – screened in the A1 and A2 Zones
- EW-7 – screened in the A1 Zone

<u>Off-Site Wells</u>

- EW-1 – screened in A1U Zone on the former Mayfield School property
- EW-2 – screened in the A1U Zone on the former Mayfield School property
- EW-6 – Screened in the A1/A2 Zone on the former Mayfield School property
- EW-8 – Screened in the A1 Zone on the Palo Alto Square property
- EW-9 – Screened in the A1U Zone northeast of the Palo Alto Square property
- EW-10 – Screened in the A1 Zone northeast of the Palo Alto Square property

Locations of these wells are shown on Figure 2-1 and corresponding water bearing zone-specific figures.

Extraction wells of the expanded groundwater extraction network were connected to the groundwater treatment system located in the southwest corner of the 640 PMR Site. The 640 PMR groundwater treatment system has a maximum capacity of 160 gallons per minute (gpm) and was designed to remove of VOCs from extracted groundwater. Treatment currently consists of ozone followed by GAC. Treated groundwater may be discharged to Matadero Creek or reused on-site to satisfy landscape irrigation needs (to the extent practical) pursuant to the requirements of the National Pollution Discharge Elimination System (NPDES), VOC General Permit (RWQCB, 2009e). Treated groundwater may also be discharged to the City of Palo Alto sanitary sewer system (i.e., publicly owned treatment works or POTW) per Groundwater Discharge Permit #061238.

Per RWQCB approval, groundwater extraction from the following extraction wells has been permanently curtailed: EW-1, EW-2, EW-6 (RWQCB 2005a), and EW-9 (RWQCB 2007). Wells EW-1, EW-2 and EW-6 have been decommissioned. During the reporting period, extraction at wells EW-4, EW-5, and EW-10 has been curtailed on a trial basis with RWQCB concurrence (RWQCB, 2008a).

In situ chemical oxidation (ISCO) was conducted in the vicinity of extraction well EW-6 in 2005 prior to that well being decommissioned. ISCO work, and decommissioning of wells EW-1, EW-2, EW-6, F23A, F43A1U, F45A1U, O24A1U, OB6-1, OB6-2, F44A, and T2A, was conducted with RWQCB approval in association with redevelopment of the area known as the Former Mayfield School site by Stanford University (Stanford, the property owner). Redevelopment plans involved constructing a soccer complex on the site. Details of this work are provided in the December 2005 *Site Status and Six-Month Post-Treatment Effectiveness Evaluation Report, Former Mayfield School Site and Northeast End of 640 Page Mill Road Site, Palo Alto, California* (SECOR, 2005c).

3.2.2 395 Page Mill Road

Investigation and remediation of groundwater at the 395 PMR Site was primarily addressed as part of the Area RI and Area FS. VOC impacted groundwater (and soil) in Area X (ten) was addressed separately because investigations were not complete at the time the RI and FS documents were finalized.

Groundwater remediation in Area X has consisted of A1U and A1 Zone groundwater extraction and treatment, and ISCO in the vicinity of A1U Zone DPE well RW-5. Extraction of groundwater and soil vapor from DPE wells RW-1 through RW-6 began in September 1996. Well RW-3 was decommissioned and well RW-5 was taken out of service in May 1998, per RWQCB approval (RWQCB, 1998). Groundwater extraction from well EW-11R began in 1996. Extracted groundwater from the DPE system and well EW-11R was discharged to the sanitary sewer system under the requirements of a Groundwater Discharge Permit issued by the City of Palo Alto. Locations of the existing DPE wells and well 11R are shown on Figure 2-1.

The DPE system was shut down on a trial basis on June 7, 2001 per RWQCB approval (RWQCB, 2001a), and has remained shut down since that time. Extraction well EW-11R was shut down on June 14, 2003, per verbal authorization from the RWQCB.

Results of the trial shutdown were initially submitted to the RWQCB on August 9, 2002 (SECOR, 2002a). Based on the trial shutdown results, permanent shutdown of the DPE system and extraction well EW-11R was recommended in a report submitted to the RWQCB on September 27, 2002 (SECOR, 2002b). It was also recommended that the groundwater extraction and treatment system at the OEU be used to continue to contain and remediate VOC-impacted groundwater originating from the 395 PMR Site. During a teleconference on January 17, 2007, RWQCB staff conveyed to HP their concurrence with permanent shutdown of the DPE system and extraction well EW-11R for the purpose of groundwater remediation.

Consistent with recommendations in the Addendum to the Second Five Year Report, ISCO injections were conducted to address localized elevated PCE concentrations in the vicinity of well RW-5. SECOR directed one-time injections of sodium permanganate into three temporary injection points and one observation well, OB11-2 in October 2007. A report describing the injection activities and the results of the one-, three-, and six-month post-treatment monitoring was submitted to the RWQCB in July 2008 (Stantec, 2008b).

3.2.3 601 California Avenue

Remedial measures for groundwater at the 601 CA Site began in 1987 with extraction from a single well, V8-2X screened in the combined A1/ A2 Zone (see Figure 2-3 for well location). Extracted groundwater from V8-2X was treated by liquid-phase GAC and discharged to the sanitary sewer system. The system was expanded and modified in 1992 to include four A1/A2 extraction wells: V8-2X, V8-8X and V-9X, and V8-14X. The system was shutdown in July 2003 while Varian implemented ISCO using permanganate.

MWH conducted an ISCO pilot study in November 2000, to evaluate the potential for ISCO to expedite groundwater cleanup at the 601 CA Site. Injections of permanganate were conducted in the courtyard area and the west parking lot. Findings of the pilot study indicated that *in situ* oxidation was a viable treatment technology (MWH, 2001).

MWH and SECOR, as part of the pilot study and subsequent full-scale ISCO program, installed 20 wells with the dual purpose of facilitating ISCO treatment and further defining the distribution of VOCs in the courtyard and west parking lot. These wells include:

- P1 through P4, TW-1/P7, TW-2/OBS, and TW-3/P8 in the west parking lot area; and
- P9 through P14, P16 through P21, and OBS in the courtyard area.

A figure showing ISCO injection well locations and plume configuration is provided in Appendix A.

MWH and SECOR conducted three full-scale ISCO treatments as follows.

- December 2003/January 2004 (MWH, 2005).
- July 2005 (SECOR, 2006b).
- September 2006 (SECOR, 2007c).

ISCO treatment was successful at reducing the overall size of the VOC-impacted area although VOC concentrations in the center of the courtyard, around well P17, persisted following treatment.

In November of 2007, SECOR submitted a work plan to the RWQCB (SECOR, 2007d) proposing additional ISCO injections in the vicinity of well P17 and the installation of an injection well in the courtyard upgradient of P17 (well P21). Additional ISCO injections were not completed as proposed because evidence of separate-phase TCE was identified in the vicinity of well P21 (TCE concentration of 200,000 µg/L). Because of this, in a July 2008 memorandum to the RWQCB (Stantec, 2008c), Stantec proposed a change from ISCO to enhanced *in situ* bioremediation (EISB). The change was proposed due to the anticipated limited effectiveness of ISCO to treat separate-phase TCE.

In May 2009, Stantec proposed to the RWQCB that additional borings be advanced to characterize the extent of VOC impacts in the vicinity of well P21 and that a bench scale study be conducted to evaluate treatment requirements for EISB (Stantec, 2009a). The RWQCB approved the work plan in June 25, 2009 (RWQCB, 2009c). Implementation of the work plan has been delayed by Site access and permitting issues. It is anticipated that field work will be initiated in February 2010. Implementation of EISB is expected to occur in August 2010, assuming that the bench scale study results are favorable. EISB would be designed to address on-site areas of elevated concentration and to mitigate off-site migration.

3.2.4 OEU Dewatering System

The OEU serves as a subsurface roadway beneath the Southern Pacific Railroad tracks, Alma Street and Park Boulevard. The underpass, built in 1958, extends approximately 24 feet bgs into the A1 Zone. A dewatering system was constructed to control (prevent) flooding of the underpass from groundwater seepage and storm water accumulation. The dewatering system has a substantial impact on groundwater flow in the Off-Site Area. The OEU dewatering system effectively captures groundwater from surrounding areas and acts to limit the potential for the migration of VOC-affected groundwater in the A aquifer beyond the OEU subdrain.

Groundwater captured by the OEU dewatering system, along with surface water from the underpass and surrounding area is directed to a sump within the OEU pump station located at the corner of the transition road from eastbound Oregon Expressway to southbound Alma Street. The OEU pump station is shown on Figure 2-2. Historically, VOC-impacted water collected in the OEU pump station sump was discharged to the sanitary sewer system under a

permit from the City of Palo Alto POTW. Periodically, during times of high surface water inflow, water was pumped into a box culvert approximately 25 feet above the OEU, which discharges to Matadero Creek approximately 2200 feet downstream (southeast) of the OEU pump station.

National Pollutant Discharge Elimination System (NPDES) Permit No. CA0038784 was issued to the County of Santa Clara Roads and Airports Division (the County) by the RWQCB on August 16, 2000, allowing further discharge of water from the OEU pump station to Matadero Creek. The permit required the installation of a VOC removal system, on or in the box culvert that transports groundwater and surface water from the pump station to Matadero Creek.

SECOR subsequently designed and constructed a VOC treatment system. The treatment system consists of two sequential operations: the first being removal of VOCs by pumping water through a vacuum air stripping unit that discharges under gravity into the box culvert. The second operation is further removal of VOCs by passive air stripping as water flows approximately 2200 feet in the box culvert toward Matadero Creek. This system was put into operation during the first quarter of 2002.

On June 29, 2007 the County of Santa Clara submitted a NOI to the RWQCB proposing the OEU discharge be covered under the VOC General Permit. The RWQCB authorized discharge of treated groundwater from OEU under the requirement of Order No. R2-2004-0055, NPDES Permit No. CAG912003 in a letter dated July 27, 2009. Coverage under the General Permit was renewed in 2009. Water from the OEU dewatering system is also periodically discharged to the sanitary sewer system under a POTW discharge permit.

3.2.5 Perimeter Area

Groundwater remedial measures in the Perimeter Area began in March 1993 with the installation of IRM extraction well EW-13 (A1 Zone) near the intersection of Lambert and Ash Avenues. EW-13 operated temporarily as an IRM extraction well from January 1995 through December 1, 1995. EW-13 was connected to the IRM treatment system at the Varian 611 Hansen Way site, treated via GAC, and reused onsite for either landscape irrigation or to fill ornamental ponds. EW-13 was subsequently connected to the 611 Hansen Way treatment system as part of the final remedy. The 611 Hansen Way treatment system began full-time operation on March 28, 1996. Connection of extraction well EW-13 was completed in September 1996 with full-time operation of the well beginning in December 1996 (Flour-Daniel GTI, 1997; ENVIRON, 1997).

Four additional wells were proposed as part of the final groundwater remedy approved in the FS. Extraction well EW-12 (A1U Zone) was installed in August 1996 near the intersection of Lambert and Ash Avenues. Extraction well EW-14 (A1 Zone) was installed in October 1995 near the intersection of Portage Avenue and Ash Street. Both EW-12 and EW-14 were connected to the 611 Hansen Way treatment system in November 1996 and began full-time operation on November 15, 1996 (ENVIRON, 1997). The 611 Hansen Way treatment system operated continuously until March 2006 when a power spike damaged the treatment plant control system.

When operational, up to 12.5 percent of the groundwater treated at the 611 Hansen Way treatment system was reused at that site (Table 3-1).

Extraction wells EW-15 (A1U Zone) and EW-16 (A1 Zone) were installed in October 1995 near the intersection of Park Boulevard and Portage Avenue and began full-time operation in June 1996. Extracted groundwater from these two wells is discharged directly to the POTW without treatment under a Groundwater Discharge Permit issued by the City of Palo Alto.

Extraction well EW-12 operated until January 2006 when flooding of the control vault rendered well EW-12 non-operational. The well was left off with RWQCB approval pending authorization from the RWQCB to permanently shutdown the extraction well. The RWQCB approved permanent shut down of EW-12 in the Second Five-Year Report approval letter (RWQCB, 2007).

Extraction wells EW-13 and EW-14 operated until March 2006 when these wells were shut down due to the 611 Hansen Way treatment system shutdown. The RWQCB approved trial shut down of well EW-13 in the Second Five-Year Report approval letter. Extraction well EW-13 has remained off throughout the remainder of this reporting period.

In situ chemical oxidation work (one-time permanganate injection) and decommissioning of extraction well EW-14 was completed pursuant to RWQCB approval in an email from Mr. Roger Papler of the RWQCB to Ms. Denise Kato of Varian, dated June 26, 2006. The *in situ* chemical oxidation work was completed on July 10, 2006. Well EW-14 was destroyed (pressure grouted) on July 11, 2006. This work is documented in the report titled *Chemical Oxidation and Well Decommissioning at Extraction Well EW-14, located on Portage Avenue, Palo Alto, California*, submitted to the RWQCB on September 12, 2006 (SECOR, 2006c).

Extraction wells EW-15 and EW-16 operated throughout the reporting period with no major changes.

3.3 GROUNDWATER SELF-MONITORING PROGRAM

Revised Site Cleanup Requirements, Order 94-130, was adopted by the RWQCB on September 21, 1994. A groundwater Self-Monitoring Program (SMP) was also adopted on this date. The SMP specified that ground water elevations would be measured quarterly and provided a schedule for groundwater sampling and analysis. In response to requests from Hewlett Packard and Varian, a revised SMP was approved on December 18, 1997 (RWQCB, 1997). The revisions included discontinuing sampling from selected wells, reducing the sampling frequency in selected wells, and changing the analytical methods used.

The RWQCB approved a modified SMP in a letter to HP, Varian, and Stanford Management Company dated May 4, 2001 (RWQCB, 2001b). There have been no further RWQCB-approved modifications to the SMP. The current SMP consists of the following elements:

- Annual groundwater level measurements for 177 wells in June of each year;

- Annual groundwater sample collection and analysis for 28 wells (sampling in June, analysis using EPA Method 8021B or equivalent);
- Biennial groundwater sample collection and analysis for 131 wells and the OEU Manhole (sampling in June, analysis using EPA Method 8021B or equivalent); and
- Submittal of Annual groundwater self-monitoring reports to the RWQCB by September 30 of each year

Table 3-2 presents the wells from which the groundwater levels are collected along with the annual groundwater elevation data for 2006 through 2009. Table 3-3 summarizes the SMP sampling schedule for the Sites ("Annual" sampling occurs during June-second quarter).

Pursuant to RWQCB concurrence (RWQCB, 2005b) with the recommendations from a 2004 passive diffusion bag sampler (PDBS) demonstration study (SECOR, 2005a), PDBS have been used as the primary method of collecting ground water samples since June 2005.

The Second Five-Year Report included the following recommendations to modify the existing SMP:

- Increase the monitoring frequency for select wells from biennial to annual (EW-7, O67A2, O120A1, V8-1, V8-5, V8-8, F21A1U and F22A1U);
- Remove extraction wells EW-1, EW-2 and EW-6, and EW-9 and monitoring wells F44A1, F45A1U, OB6-1, OB6-2, O24A1U, F23A and F43A1U from the SMP; and
- Add monitoring well T1A and F29A1U to the SMP and monitor on an annual basis.

The RWQCB did not specifically approve the changes to the SMP in the February 9, 2007 Second Five-Year Report approval letter. However, HP and Varian have implemented most of these recommendations on a self-directed basis.

The following wells are listed in the May 2001 SMP but have since been approved by RWQCB for destruction, and thus are no longer sampled.

- W9A1U (destroyed 1998)
- BW-4 (destroyed March 2002)
- EW-1, EW-2, EW-6, F23A, F43A1U, F44A and F45A1U (destroyed July 2005)
- EW-14 (destroyed July 2006)
- EW-9 (not yet destroyed)

During June 2009, the following 19 wells that are not included in the SMP were monitored on a self-directed basis:

- Well F29A1U, which was sampled to monitor VOC concentrations northeast of the Stanford/Palo Alto Community Playing Fields (the "soccer complex" – also known as the former Mayfield School Site);

- Well O152B, which was constructed at the 640 Page Mill Road site in June 2009 to assess B Zone water quality in the east portion of that Site;
- Wells P1-A1, P2-A2, P3-A2, P4A2, and P5A2, which are located on the 640 Page Mill Road site, were sampled to monitor VOC concentrations in the east and northeast portion of that Site;
- Wells OB5-2, OB5-3, OB5-4 and OB5-5 were sampled to assess VOC concentrations in the immediate vicinity of the building located on the 640 Page Mill Road site;
- Well T1A1, which was constructed in the vicinity of wells EW-6 and F44A, which were decommissioned when the soccer complex was constructed in 2005, is typically monitored biennially; and
- Wells F126A2, F137A1, P13, P17, TW-2 and F86A2 were sampled in support of the Third Five-Year Report.

3.4 LAND USE RESTRICTIONS

Pursuant to Provisions C.3(c), C.4(c), and C.5(b) of the Order, each of the Sites has had a *Covenant and Environmental Restriction of Property* Covenant recorded with the Santa Clara County Recorder (Agilent, 2006; Stanford, 2003a; Stanford, 2003b). Each of the restrictions enumerated in the covenants "run with the land" and is enforceable by the RWQCB. Restrictions on development and use specified in each covenant include the following:

- The integrity of remedial measures, equipment and groundwater monitoring systems must be preserved; and
- Owners and occupants of the Site shall not extract contaminated groundwater for any use unless expressly permitted in writing by the RWQCB.

An additional restriction is included in the 395 PMR Site covenant: "No residential buildings shall be constructed over the area of RW-5 and OB11-2, located in the east corner of the site, without further evaluation of potential vapor intrusion."

4.0 Additional Investigative Activities During the Reporting Period

Additional investigative activities were completed by HP at the 640 PMR and 395 PMR Sites, by Varian at the 601 CA Site, and by HP and Varian in the COE Area during the reporting period.

4.1 640 PMR SITE INVESTIGATIVE ACTIVITIES

The 0investigative activities described below were conducted for the 640 PMR Site during the reporting period. The primary focus of these investigative activities was to assess VOC concentration increases in the vicinity of A1 Zone well O119A1 and A2 Zone wells O67A2 and O52A2, located east of the current building at the site, which were noted in the Second Five-Year Report.

- During January and February 2007, six groundwater monitoring wells were installed in the northeast portion of the 640 PMR Site parking lot (wells P1-A1, P1-A2, P2-A2, P3-A2, P4-A2 and P5-A2). Details of this work are reported in the *Groundwater Monitoring Well Installation Report for Hewlett-Packard Company* (SECOR, 2007a).

- During January 2007, groundwater samples were collected and analyzed from eight soil vapor extraction points in the basement parking garage of the 640 PMR Site building. Five membrane interface probe (MIP) borings were completed in the vicinity of O119A1, O68A1 and O67A2 in February 2007, and selected groundwater monitoring and extraction wells on the 640 PMR Site were sampled and analyzed for VOCs in March 2007. Results of this work were submitted to the RWQCB in the report titled *Results of Additional Investigation in the Vicinity of Wells O119A1, O68A1 and O67A2, 640 Page Mill Road, Palo Alto, California* (SECOR, 2007b).

- During September 2007 through August 2008, the following additional work was conducted:

    - Redevelopment, down-hole video logging and groundwater pump replacement at EW-7;
    - Step drawdown and constant rate pumping test at EW-7; Tracer testing at well O119A1, including tracer monitoring at various wells in the vicinity of O119A1 and EW-7;
    - A total of 27 additional MIP borings in the vicinity of wells O119A1 and O67A2 including 37 grab groundwater samples for VOC analysis;
    - A total of 5 cone penetrometer (CPT) borings along Page Mill Road and collection of 18 grab groundwater samples for VOC analysis;
    - Groundwater elevation data were collected in the A1 and A2 zones in the vicinity of the 640 PMR Site; and

- Additional groundwater samples were collected from wells O28A1, O52A2, F123A1, F124A2, EW-5, EW-7 and EW-8, i.e. in addition to sampling conducted as part of the current self-monitoring program (SMP).

Methodologies and results of the above investigations, along with remedial pumping system optimization activities, were provided to the RWQCB in the October 2008 *Report of Recent Investigation Activities, Hewlett-Packard Company, 640 Page Mill Road Site, Palo Alto, California* (Stantec, 2008e). The RWQCB approved the October 2008 report in a letter issued to HP on April 30, 2009 (RWQCB, 2009b)

- During June 2009, one B Zone groundwater monitoring well (well O152B) was installed in the northeast portion of the 640 PMR Site. Details regarding the well construction, and subsequent development and sampling are reported in the *Installation Report for B-Zone Well O152B, Hewlett-Packard Company, 640 Page Mill Road Site, Palo Alto, California* (Stantec, 2009c). A letter was issued by the RWQCB on November 12, 2009 approving the B Zone well installation report (RWQCB, 2009d). The letter, however, expressed concern that the newly installed well did not characterize the upper portion of the B Zone, and required that an updated conceptual site model (CSM) be submitted, and include an evaluation, based on the model, of the need for additional characterization. The RWQCB letter also included a request to evaluate the potential influence and proper decommissioning of long screened wells that were constructed near the former on-site underground solvent storage tank in the late 1980s.

- A report titled *Updated Conceptual Site Model - A1 Zone near Well O119A1 and A2 Zone near Well O67A2* was submitted to the RWQCB on January 19, 2010 (Stantec, 2010b) in compliance with the November 12, 2009 RWQCB letter. The report also included documentation of proper well decommissioning as requested by the Water Board.

Key conclusions from the above investigative activities are as follows.

- The lateral and vertical limits of chlorinated VOCs in the A1, A2, and A2D zones have been defined. No further investigation is required to evaluate the extent of chlorinated VOCs in these zones.
- Operation of wells EW-7 and EW-8 at higher than originally designed flow rates is providing improved hydraulic control of the VOC plume and has substantially increased the VOC mass removal rate from the A1 Zone.
- Water quality monitoring data and MIP data suggest that the VOC plume in the A2 Zone in the vicinity of well 067A2 is not currently expanding (i.e., is stable). It is possible that groundwater extraction at A1 Zone well EW-7 is causing upwelling of groundwater from the A2 Zone to the A1 Zone resulting in localized hydraulic influence of A2 zone groundwater.

- Groundwater collected from well O152B in June 2009 did not contain detectable concentrations of VOCs. No additional evaluation of the B Zone is warranted.

4.2 395 PMR INVESTIGATIVE ACTIVITIES

The following investigative activities were completed at the 395 PMR Site during the reporting period.

4.2.1 Area X Soil Sampling

Soil boring and sampling was conducted in October 2007 at nine locations in the portion of Area X that was previously identified as containing soil concentrations above the 1 mg/Kg total VOC cleanup standard. The objective of this work was to assess whether soil remediation efforts had reduced concentrations to below the cleanup standard. As reported in the December 14, 2007 *Report of Soil Sampling to Assess Achievement of Final Cleanup Standards in Soil in Area X (ten), Former Hewlett-Packard Company 395 Page Mill Road Site, Palo Alto, California* (SECOR, 2007e), none of the soil samples collected contained total VOC concentrations above the soil cleanup standard. Based on these results decommissioning of the DPE system was recommended.

The RWQCB approved the portion of the December 2007 report that documents achievement of the final soil clean up standards (RWQCB, 2008b). RWQCB did not approve decommissioning of the DPE system due to elevated PCE concentrations in a groundwater sample collected from OB11-2 in October 2007, and required HP to submit a work plan to assess the potential for vapor intrusion at the 395 PMR Site. The RWQCB letter states that the recommendation for DPE system decommissioning would be re-evaluated by the RWQCB after the results of post-*in situ* chemical oxidation treatment groundwater sampling and results and the vapor intrusion evaluation are submitted.

4.2.2 Soil Gas Sampling to Assess Potential for Vapor Intrusion

Soil gas sampling and analysis was conducted at the 395 PMR Site during May and October 2009 in accordance with a work plan approved by the RWQCB (Stantec, 2008a, Stantec 2008f, RWQCB, 2009a). Initial soil gas sampling was conducted in May 2009, and a report documenting that effort was submitted to the RWQCB on June 30, 2009 (Stantec, 2009b). As conveyed in the May 30 report, low- or no-flow conditions were encountered at each sampling location. Data from just one of four samples collected (location SG-1) was considered acceptable for quantitative comparison to corresponding RWQCB Commercial/Industrial Land-Use Environmental Screening Levels (ESLs) for potential migration of VOCs from soil gas to indoor air, as specified in the RWQCB approved work plan. The sample from SG-1 did not contain VOC concentrations above corresponding ESLs.

As described in the January 14, 2010 report, *Results of October 2009 Soil Gas Sampling to Assess Potential for Vapor Intrusion at 395 Page Mill Road, Palo Alto, California* (Stantec 2010a), additional soil gas sampling and analysis was conducted October 2009. Soil gas

samples were obtained each of eight intended locations, and data were determined to be acceptable for quantitative evaluation. VOCs were not detected at concentrations above corresponding Commercial/Industrial Land-Use ESLs in any of the samples. The report concluded that since VOCs were not detected in soil gas samples at concentrations exceeding Commercial/Industrial ESLs, no additional investigation to complete characterization was necessary.

4.3 601 CA INVESTIGATIVE ACTIVITIES

In 2005 SECOR installed 16 additional wells at the 601 CA Site for the dual purpose of facilitating ISCO injections and evaluating the lateral distribution of VOCs in the west parking lot and the courtyard (see section 3.2.3 for well names, and Appendix A for a well location and VOC distribution map).

The well installations confirmed the conceptual site model which identified the courtyard as the primary area of concern. The highest concentrations were observed in wells P17, P13, and P16. As a result of persistent elevated VOC concentrations in well P17, SECOR proposed installation of well P21 in the courtyard upgradient of well P17. As described in Section 3.2.3, evidence of separate-phase TCE was observed in well P21.

In an effort to evaluate the extent of the elevated VOC concentrations in the vicinity of well P21, Stantec has proposed additional investigation activities (Stantec, 2009a), both in the courtyard and along the eastern downgradient side of the Site building. The purpose of the downgradient borings is to evaluate VOC migration for future implementation of EISB to mitigate potential off-site migration. The work plan for further characterization and EISB bench scale study was approved by the RWQCB (RWQCB, 2009c) in August of 2009; however, implementation has been delayed by Site access and permitting issues. Work is expected to begin in February of 2010.

4.4 COE AREA INVESTIGATIVE ACTIVITIES

Soil gas samples were collected at 14 locations within the COE area in April, 2008. Fourteen shallow and four deep soil gas samples were collected and submitted for laboratory analysis for VOCs. A *Report of Soil Gas Sampling, California-Olive-Emerson Study Area, Palo Alto, California* was submitted to the RWQCB in May 2008 (SECOR, 2008). The results indicated that none of the shallow soil gas samples contained VOC concentrations greater than the corresponding RWQCB Residential Land-Use ESLs for potential migration of VOCs from soil gas to indoor air. TCE was detected above the Residential ESL in one deep (11 feet bgs) sample, near a subterranean parking garage. An addendum to the soil gas report (Stantec, 2008d) was submitted to the RWQCB to provide additional information regarding sampling locations, building structures and the ventilation system of the parking garage. The soil gas report and addendum were approved by the RWQCB in a letter to HP and Varian dated November 18, 2008 (RWQCB, 2008d) and no further soil gas investigations in the COE Study Area were required.

5.0 Effectiveness Evaluation

The following sections present an evaluation of the effectiveness of the final groundwater remediation remedy and recorded land use restrictions, and information regarding projected costs.

5.1 GROUNDWATER REMEDIATION

The Study Area generally consists of the Sites, with associated historic VOC sources, and subsequent downgradient commingling of the off-site VOC plumes in the Off-Site Areas. Historic remedial activities at the Sites and in the Off-Site Area have reduced VOC concentrations in groundwater throughout the Study Area. VOC concentrations in groundwater have been reduced at the individual Sites, in groundwater of the commingled down-gradient areas, and in the groundwater captured at the OEU.

Table 5-1 provides a summary of VOC mass removed, groundwater volumes extracted and VOC mass removal efficiencies for the remediation systems at the Sites and the Off-Site Area. Figures 5-1 through 5-7 graphically depict groundwater remediation system performance information. Table 4-1 is a historical summary of data for VOCs detected most frequently and extensively in groundwater samples from the Sites and the Off-Site Area. Concentration versus time plots showing PCE, 1,1,1-TCA, TCE and 1,1-DCE concentration trends for A1U, A1 and A2 wells currently in the SMP are provided in Appendix B. Graphs for B Zone wells were not prepared because chemicals of concern have not been detected in the B Zone at significant concentrations: VOCs were not detected in samples collected from B Zone wells during the reporting period.

5.1.1 395 PMR Site

Remedies implemented at the 395 PMR Site, including soil vapor, groundwater extraction and localized *in situ* chemical oxidation, have been effective at reducing VOC concentrations in soil and groundwater. Active remedial systems have been shut down with regulatory agency approval. Concentrations of VOCs in groundwater at the 395 PMR Site and immediately down-gradient of this site are stable to decreasing. For example, as shown on the trend graph in Appendix B, concentrations of PCE, 1,1,1-TCA, and 1,1-DCE at down-gradient well W-10A1U have decreased to near non-detectable levels. TCE concentrations at this well, which are not directly associated with the 395 PMR site, are also stable to decreasing.

5.1.2 OEU and Off-Site Areas

The influent concentrations of groundwater to the OEU are an indication of remedial progress in the Study Area. As shown on the trend graph in Appendix B, the VOC concentrations at the OEU decreased consistently between about 1996 and 2003 demonstrating significant remedial progress throughout the Off-Site Area. Since that time, PCE, 1,1,1-TCA, and 1,1-DCE

concentrations have remained very low (17 µg/L, 3.2 µg/L and 1.6, respectively), and have exhibited a stable to decreasing trend. The trend data for these compounds, particularly PCE, is a reflection of remedial effectiveness at the 395 PMR site.

The TCE concentrations at the OEU have remained stable since 2003, with a concentration of 68 µg/L in both the 2003 and 2009 sampling events. These data suggest that the localized increased TCE concentrations observed at and downgradient of the 601 CA and 640 PMR Sites has not resulted in similar concentration increases at the OEU. TCE concentrations at monitoring wells down-gradient of El Camino Real (not including F127A1 and F129A1 which are discussed below) have for the most part also remained stable over this same time period. The TCE concentration at well F34A has ranged from 41 µg/L to 58 µg/L between 2004 and 2009. Similarly, the TCE concentration at F62A1 ranged from 82 µg/L to 97 µg/L over this same time period not including the potentially anomalously low 18 µg/L result for the 2009 event. Data collected over the next five-year period will determine if the lower 2009 TCE result at F62A1 is anomalous or represents improved remedial effectiveness in the COE Area.

5.1.3 Wells F127A1 and F129A1

Wells F127A1 and F129A1 are located northeast and downgradient of El Camino Real and extraction well EW-8. As shown on the graphs in Appendix B, concentrations of TCE, 1,1,1-TCA, and 1,1-DCE increased over the last five years at well F127A1. Concentrations of 1,1,1-TCA and 1,1-DCE also increased at well F129A1, which is located approximately 300 feet down-gradient of F127A1. These increases are directly associated with plume migration from the 640 PMR Site, which is discussed in the following paragraph. VOC concentrations at further downgradient well F145A1 do not exhibit increasing trends. These data, coupled with the minimal VOC increase at F129A1, suggest that the F129A1 location represents the down-gradient limit of recent VOC plume expansion. Stable VOC concentrations in the downgradient Off-Site Area and at the OEU as discussed above further support this. HP is currently implementing increased pumping at wells EW-7 and EW-8, as discussed below, to both reduce the VOC concentrations in these pumping areas and to improve hydraulic control and thus further minimize downgradient migration of VOC mass.

5.1.4 640 PMR – A1 Zone

Several monitoring wells of the A1 and A2 Zones on and immediately downgradient of the 640 PMR site exhibited increasing VOC concentrations over the last 5 to 10 years. Key monitoring wells exhibiting increasing trends include O119A1 and O67A2 on the 640 PMR Site, and F123A1 and F42A1 downgradient of the Site (see trend graphs in Appendix B). Data from the A1 Zone monitoring wells indicate expansion of the VOC plume, including both TCE and 1,1,1-TCA at and downgradient of the 640 PMR Site. As detailed in Section 4.1 of this report, HP completed several actions between 2007 and 2009 to address this plume expansion including modifications to pumping rates at wells EW-7 and EW-8. As shown in Appendix B, VOC concentrations have decreased substantially at off-Site well F123A1 since the pumping rate at well EW-7 was increased in December 2007. Similar reductions in VOC concentrations are

anticipated at wells F42A1, F127A1, and F129A1 over the next several years with continued pumping at EW-7 and the increase in pumping rate at EW-8 that was initiated in late 2009.

Table 5-1 provides a summary of VOC mass removed, groundwater volumes extracted and VOC mass removal efficiencies. Figures 5-1 through 5-5 graphically depict GWET system performance information. The increased pumping rate at EW-7 and EW-8 and the associated improvement in remedial effectiveness is evident on this table and associated figures. For example, the average mass removal rate for the 640 PMR GWET system has increased from 7.4 pounds per/million gallons (lbs/mgal) during January 2000 through December 2004 to 20.1 lbs/mgal for January 2005 to December 2009 period. This improvement in mass removal efficiency is a result of the shutdown of extraction wells that had low VOC concentrations (wells EW-4 and EW-5) and increasing the pumping rate of wells EW-7 and EW-8.

5.1.5 640 PMR – A2 Zone

VOC concentrations in well O67A2 on the 640 PMR Site increased substantially between June 1998 and June 2001, and again between June 2005 and June 2006. Since that time, VOC concentrations at this well have decreased and then have remained relatively stable since about June 2008. Downgradient A2 Zone monitoring well O52A2 exhibited a VOC concentration increase in a similar timeframes as O67A2, although at much lower concentrations, and well F124A2 exhibited a VOC concentration increase between June 2005 and June 2007 with a maximum TCE concentration of 61 µg/L. Well F126A2, located southeast of F124A2, remains non-detect for VOCs. VOC concentrations at O67A2, F124A2, and O52A2 have remained stable to decreasing in concentration since June 2007.

Although VOC concentrations remain elevated at the O67A2 location, data do not suggest continued migration of the A2 Zone VOC plume to the downgradient areas. As shown on the trend graphs in Appendix B, VOC concentrations at wells P1-A2 to P5-A2 indicate stable to decreasing concentrations since their installation was completed and sampling was initiated in February 2007. Further, VOC concentrations at wells O111A2 and O114A2 located on the 640 PMR Site to the northwest of O67A2 did not indicate a VOC increase in the same timeframe as well O67A2. VOC concentrations at these two wells have remained stable to decreasing in concentration over the last 10 years.

In summary, the VOC plume in the A2 Zone expanded from 1998 until approximately 2007 and has since stabilized. There is no indication the VOC plume is migrating further or contributing substantial VOC mass to the downgradient areas. Additional monitoring well sampling will be conducted to monitor temporal trends in the A2 Zone wells.

5.1.6 601 California

Pursuant to RWQCB authorization, the GWET system was shut down on July 15, 2003. Three full-scale *in situ* chemical oxidation injection events were subsequently completed, two with potassium permanganate (December 2003/January 2004, and October 2005) and one with sodium permanganate (September 2006). To date, injections have resulted in TCE

concentration reductions in wells along the entrance to the courtyard and in the parking lot west of the building. However, VOC concentrations rebounded to pre-treatment levels in wells located within the interior of the courtyard area. The most significant VOC concentration rebound has been observed around wells P13 and P17 (39,000 and 34,000 µg/L, respectively in March 2008). The newly installed well (P21), located between P13 and P17, was found to contain a TCE concentration of 200,000 µg/L. Based on the results of the March 2008 sampling, Varian has proposed to discontinue ISCO and evaluate further *in situ* treatment using EISB.

As shown on trend graphs in Appendix B, data from downgradient monitoring wells V-9, V-9X, and F98A suggest migration of the TCE plume from the 601 California Site to the area immediately downgradient of the Site. The concentration increase in F98A appears to have started in the 2003 to 2005 timeframe. Well F97A, located down and cross-gradient of F98A has also exhibited a minor TCE increase over this same time period (1.9 µg/L in 2003 to 35 µg/L in 2009). The goal of the proposed EISB program is to reduce VOC concentrations within the source area and mitigate potential migration of VOCs from the Site to downgradient areas.

5.1.7 Perimeter Area Extraction Wells EW-15 and EW-16

Extraction wells EW-15 and EW-16 are located in the north portion of the Perimeter Area. These extraction wells supplement hydraulic capture of the OEU and remove VOCs, primarily PCE (see Appendix B). VOC concentrations at both pumping wells are stable to decreasing over the last 10 years. Operation of these wells does not provide appreciable hydraulic capture or VOC mass removal, and the downgradient OEU would provide equivalent effectiveness. In the recommendations section below, it is proposed to shut down both wells on a trial basis and monitor downgradient wells to observe conditions and confirm continued capture of low VOC concentrations in this area by the OEU.

5.1.8 Summary of Effectiveness Evaluation

VOC concentrations at the OEU and monitoring wells in the downgradient Off-Site Area are stable to decreasing. These data suggest that the localized VOC concentration increases and plume migration observed in the vicinity of the 601 CA and 640 PMR Sites over the last five years has not adversely impacted water quality in the downgradient Off-Site Area. Actions taken by HP at the 640 PMR Site since 2008 have increased mass removal rates, stabilized and/or are reduced concentrations, and have mitigated further plume migration to the downgradient areas. This is expected to continue with ongoing remedial pumping at wells EW-7 and EW-8. Remedial plans by Varian at the 601 CA Site (EISB) are also intended to provide further VOC treatment and mitigate potential VOC migration to downgradient areas.

5.2 LAND USE RESTRICTIONS

Stantec retained Old Republic National Title Insurance Company (Old Republic) to provide Recorded Document Guarantee (RDG) reports, similar to property transaction Title Searches, for the 640 PMR Site, 395 PMR Site and 601 CA Site. The RDG reports were obtained to

assess whether the institutional controls (land use restrictions) specified in the Order were recorded. The RDG reports identify the Covenant and Land Use Restriction recorded for each of the Sites. Copies of the RDG reports are provided in Appendix C.

5.3 PROJECTED COSTS

Costs incurred to date and projected future costs, assuming an additional 15 years of operation, maintenance and/or monitoring, are on the order of those projected in the RI/FS.

6.0 Conclusions and Recommendations

Remedial measures for the Sites and Off-Site Area are generally performing as intended. VOC concentrations at the OEU and monitoring wells in the downgradient Off-Site Area are stable to decreasing. These data suggest that the localized VOC concentration increases and plume migration observed in the vicinity of the 601 CA and 640 PMR Sites over the last five years has not adversely impacted water quality in the downgradient Off-Site Area. Actions taken by HP at the 640 PMR Site since 2008 have increased mass removal rates, stabilized and/or are reduced concentrations, and have mitigated further plume migration to the downgradient areas. Remedial plans by Varian at the 601 CA Site (EISB) are also intended to provide further VOC treatment and mitigate potential plume migration to downgradient areas.

As anticipated in the discussion of the selected remedy in the Order, concentrations of VOCs remaining after over 15 years of operation of the groundwater remedial systems are still above cleanup standards in many areas. As observed at many other VOC impacted groundwater sites, groundwater pump and treat technology is generally effective at removing dissolved chemicals and controlling plume migration, but requires very long periods of time to achieve groundwater cleanup objectives. This is discussed in the Area FS and recognized by the RWQCB in the Order as part of the discussion of long-term effectiveness of the selected alternative.

Per applicable provisions of the Order, a *Covenant and Environmental Restriction of Property* has been recorded with the Santa Clara County Recorder for each of the Sites. RDG reports by Old Republic identify the recorded Covenant and Land Use Restriction for each of the Sites.

Specific recommendations for each of the Sites, the COE Area and the Perimeter Area are presented in the following subsections.

6.1 640 PAGE MILL ROAD AND COE AREA

A1 Zone extraction well EW-7 will continue to be operated to reduce on-site VOC concentrations and mitigate off-site migration of VOC-impacted groundwater. COE Area extraction well EW-8 will continue to be operated to address the portion of the A1 Zone plume that extends off-site northeast of the 640 PMR Site. Operational adjustments and modifications, such as extraction flow rates, will continue to be made as necessary to improve and/or maintain the performance and efficiency of the GWET system. Investigations recommended in the Updated CSM include the following.

- Collect water level measurements at key A1 and A2 Zone monitoring wells on a monthly basis through June 2010 to document the hydraulic conditions of the aquifer associated with the increased pumping rates at extraction wells EW-7 and EW-8;
- Sample the following on- and off-site A1 and A2 Zone wells in March 2010 to supplement the June 2010 COE annual monitoring event: on-site wells EW-7, D52A2,

O67A2, and O119A1; and off-site wells EW-8, F123A1, F124A2, F125A1, F42A1, F127A1, and F129A1;

- Conduct a tracer test by injecting tracer dye in well F127A1 and monitoring for tracer at extraction well EW-8 and down-gradient well F129A1; and
- Conduct an eight-hour groundwater pumping test at well O67A2 to define the hydraulic properties of the associated A2 Zone sediments (water levels will be collected at surrounding wells, and groundwater samples will be collected from O67A2 during pumping to observe potential changes in groundwater chemistry over time).

These recommendations are expected to be conducted during 2010 pursuant to RWQCB approval.

It is recommended that the SMP be modified as follows.

- Remove extraction wells EW-1, EW-2 and EW-6 and monitoring wells F23A, F43A1U, F44A1, F45A1U, OB6-1, OB6-2 and O24A1U from the current SMP. These wells were decommissioned in July 2005 pursuant to RWQCB approval.
- Add monitoring well T1A to the current SMP and monitor on an annual basis to provide long-term performance monitoring data for the in situ chemical oxidation treatment.
- Add monitoring wells P1-A1, P1-A2, P2-A2, P3-A2, P4-A2, and P5-A2 to the current SMP and monitor on an annual basis.
- Add monitoring well F29A1U to the current SMP to provide additional groundwater quality data downgradient of where extraction well EW-1 was formerly located.
- Increase the monitoring frequency for wells F21A1U, F22A1U, F97A and F98A from biennial to annual, to provide more frequent groundwater quality data for the area immediately downgradient of the former Mayfield School Site, where extraction wells EW-1, EW-2 and EW-6 were decommissioned.

6.2 395 PAGE MILL ROAD

No change to remediation activities associated with the 395 PMR Site is recommended at this time. Given the results of the 2009 vapor intrusion assessment, existing land use restrictions, and use of the 395 PMR Site (i.e., office building, parking lot and open-air parking garage), further assessment of potential vapor intrusion is not warranted at this time.

Permanent shutdown of the remedial systems at the 395 Page Mill Road site was proposed in September 2002, and reiterated in the Second Five Year Report and Work Plan for Assessing Achievement of Final Cleanup Standards in Soil in Area X. The RWQCB has concurred that soil cleanup standard have been achieved in Area X, but has not yet approved decommissioning of the remedial systems, pending completion of a vapor intrusion assessment and post-chemical oxidation treatment monitoring. Decommissioning of the DPE system is recommended.

6.3 601 CALIFORNIA AVENUE

The GWET system shutdown should continue and the RWQCB-approved work plan for site investigations and EISB pilot study should be implemented. This work is currently scheduled to begin in February of 2010 once access and work permit issues have been resolved.

6.4 OEU DEWATERING SYSTEM

Operation of the OEU dewatering and treatment system should be continued with no significant modifications.

6.5 PERIMETER AREA

Based on the stable and relatively low VOC concentrations in extraction well EW-13, a change in the shutdown status of this well from temporary to permanent is recommended. Well EW-13 should continue to be monitored on an annual basis.

It is recommended that A1U Zone extraction well EW-15 and A1-Zone well EW-16 be shut down on a trial basis. VOC concentrations in these wells have been stable to decreasing, neither well provides appreciable hydraulic capture or VOC mass removal, and the downgradient OEU dewatering system would provide equivalent remedial effectiveness. Wells EW-15 and EW-16 will continue to be monitored on a routine basis per the SMP. Concentrations in wells downgradient of wells EW-15 and EW-15 will be monitored to confirm continued capture of low VOC concentrations in this area by the OEU dewatering system.

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TABLES

TABLE 2-1
GROUNDWATER CLEANUP STANDARDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE,
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

CHEMICAL	CLEANUP STANDARD (µg/L)
Acetone	3,500
Benzene	1
1,1-Dichloroethane (1,1-DCA)	5
1,2-Dichloroethane (1,2-DCA)	0.5
1,1-Dichloroethene (1,1-DCE)	6
cis-1,2-Dichloroethene (c-1,2-DCE)	6
trans-1,2-Dichloroethene (t-1,2-DCE)	10
Methylene Chloride	5
Tetrachloroethene (PCE)	5
1,1,1-Trichloroethane (1,1,1-TCA)	200
1,1,2-Trichloroethane (1,1,2-TCA)	3
Trichloroethene (TCE)	5
Freon 113	1,200
1,2-Dichlorobenzene (1,2-DCB)	600
1,2,4-Trichlorobenzene (1,2,4-TCB) (1)	5

Source: Table 1, Revised Site Cleanup Requirements, Order No. 94-130 issued on September 21, 1994, by the California Regional Water Quality Control Board, San Francisco Bay Region.

(1) The cleanup standard (MCL) for 1,2,4-TCB was changed on June 12, 2003 from 70 µg/L to 5 µg/L.

TABLE 3-1
SUMMARY OF GROUNDWATER REUSE ACTIVITIES
1995-2009

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE,
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

1st Five-Year Review Period

	1995	1996	1997	1998	1999
640 Page Mill Road (2)	0 / 0% (1)	0.7 / 4%	6.6 / 23%	2.7 / 10%	2.9 / 10%
601 California Avenue (3)	2.4 / 33%	0.3 / 23%	0 / 0%	1.5 / 16%	2.8 / 18%
Perimeter Area (4)	0%	31%	24%	21%	26%

2nd Five-Year Review Period

	2000	2001	2002	2003	2004
640 Page Mill Road (2)	1.7 / 7%	0 / 0%	0 / 0%	0 / 0%	0 / 0%
601 California Avenue (3)	3.4 / 23%	1.4 / 11%	2.6 / 21%	1.2 / 17% (5)	NA
Perimeter Area (4)	34%	43%	54%	43%	13%

3rd Five-Year Review Period

	2005	2006	2007	2008	2009
640 Page Mill Road (2)	0 / 0%	0 / 0%	0 / 0%	0 / 0%	0 / 0%
601 California Avenue (3)	NA	NA	NA	NA	NA
Perimeter Area (4)	12.5%	11.5%	NA	NA	NA

Notes:

(1) Reuse data are presented in terms of actual volume (in millions of gallons) and percentage of total extracted volume.

(2) Groundwater reused for landscape irrigation began in late 1996. Data collected from reuse flow totalizer by SECOR. The data reflect flows from both 640 PMR Site wells EW-4 through EW-7 and COE Study Area wells EW-1, 2, 8, 9 and 10.

(3) Extraction and reuse operations were interrupted during site redevelopment in 1996 and 1997. The reuse is for landscape irrigation. Data collected from Annual Groundwater Monitoring Reports submitted to the RWQCB.

(4) Groundwater extracted from Perimeter Area wells EW-12 through EW-14 is treated and reused as part of the adjacent 611 Hansen Way operation. Reuse data represents the 611 Hansen GWET System. Reuse is used for landscape irrigation (Groundwater extracted from EW-15 and EW-16 is not reused). The 611 Hansen Way groundwater extraction and treatment system ws shutdown on March 21, 2006

(5) The 601 California Avenue groundwater extraction and treatment system was shut down on July 15, 2003 as authorized by the RWQCB in preparation for the in-situ chemical oxidation treatment.

TABLE 3-2
SUMMARY OF GROUNDWATER ELEVATIONS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO CALIFORNIA

Well	TOC Elevation (msl)	TOC Elevation (msl) [1]	Top of Screen Elevation (msl)	Bottom of Screen Elevation (msl)	Groundwater Elevation (ft msl) 06-Jun-06	Groundwater Elevation (ft msl) 11-Jun-07	Groundwater Elevation (ft msl) 09-Jun-08	Depth to Water (ft) 8-Jun-09	Groundwater Elevation (ft msl) 08-Jun-09
EW-4	34.50	34.52	9.22	-7.28	20.09	15.81	16.74	17.94	16.58
EW-5	27.38	27.41	10.70	-9.30	NM	15.70	16.61	10.82	16.59
EW-7	35.55	35.48	10.43	-0.58	17.76	15.37	15.80	19.88	15.60
EW-8	29.11	29.07	6.79	-1.21	18.85	15.06	14.36	13.90	15.17
EW-9[6]	28.75	28.63	20.38	10.36	17.82	NM	NM	NM	NM
EW-10	29.36	29.11	3.75	-4.25	18.18	13.65	15.46	13.91	15.20
EW-11R	27.10	26.90	-4.32	-9.32	11.50	9.72	10.50	16.80	10.10
EW-12	29.90	29.76	13.09	3.09	17.71	14.52	15.48	14.54	15.22
EW-13	27.32	27.23	-5.18	-11.18	NM	14.56[2]	NM	12.00	15.23
EW-15	24.98	24.84	4.99	-0.01	NM	9.76	5.55	19.17	5.67
EW-16	24.87	24.89	-7.60	-10.10	NM	9.77	7.25	31.58	-6.69
F21A1U	35.38	34.53	14.00	4.00	17.89	14.82	15.45	19.17	15.36
F22A1U	35.47	34.56	19.10	9.10	17.98	14.91	15.24	19.21	15.35
F29A1U	NA	30.06	14.56	4.56	NM	11.78	12.41	17.69	12.37
F31A	30.89	30.89	0.75	-19.25	15.51	12.10	12.94	18.20	12.69
F32A	28.16	27.99	-1.33	-20.33	13.16	10.37	10.97	17.13	10.86
F33B	28.18	27.97	-37.37	-47.37	14.59	13.20	13.88	14.14	13.83
F34A	29.16	28.99	5.44	-16.06	NM	10.68	11.27[5]	17.80	11.19
F35B	29.10	28.94	-33.41	-42.91	NM	11.41	11.88[5]	17.18	11.76
F36A	34.44	34.35	5.21	-7.29	16.87	12.85	13.91	20.51	13.84
F38A	33.55	33.26	6.55	-8.95	16.48	12.77	18.99	19.19	14.07
F40A	31.23	30.86	9.06	-11.44	15.79	12.44	13.20	17.73	13.13
F41A1	33.19	33.19	8.19	-1.81	NM	14.56	15.24	18.12	15.07
F42A1	32.99	32.86	13.51	-0.99	19.41	15.79	15.00	17.31	15.55
F46A1	27.71	27.88	-4.93	-14.93	11.97	9.58	10.08	17.80	10.08
F49A1	25.72	25.63	-6.10	-16.10	9.40	7.48	7.93	17.71	7.92
F51A1	NA	24.18	-6.32	-21.32	NM	7.52	7.93	16.25	7.93
F53A1U	25.56	25.61	8.86	-1.14	9.16	7.12	7.66	18.05	7.56
F54A1U	24.40	24.13	2.56	-4.44	8.92	7.06	7.45	16.67	7.46
F55A1U	26.29	26.26	5.01	-2.49	8.64	6.67	7.14	19.19	7.07
F56A1	26.25	26.23	-6.42	-15.42	9.82	7.83	8.28	17.91	8.32
F57A1U	22.39	22.41	8.89	-3.61	NM	7.72	8.01	14.50	7.91
F58A	22.37	22.26	-15.10	-25.10	9.67	7.63	8.04	14.31	7.95
F59A1U	27.20	27.03	8.52	-1.48	9.68	7.59	NM	19.20	7.83
F61A1U	28.50	28.29	6.20	-3.80	5.73	4.82	4.84	23.52	4.77

TABLE 3-2
SUMMARY OF GROUNDWATER ELEVATIONS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO CALIFORNIA

Well	TOC Elevation (msl)	TOC Elevation (msl) [1]	Top of Screen Elevation (msl)	Bottom of Screen Elevation (msl)	Groundwater Elevation (ft msl) 06-Jun-06	Groundwater Elevation (ft msl) 11-Jun-07	Groundwater Elevation (ft msl) 09-Jun-08	Depth to Water (ft) 8-Jun-09	Groundwater Elevation (ft msl) 08-Jun-09
F62A1	28.51	28.25	-4.20	-14.20	9.22	7.34	7.75	20.55	7.70
F63A1U/A1	33.55	33.55	16.64	1.64	19.00	15.06	16.16	17.71	15.84
F64A1	33.30	33.17	1.20	-8.80	19.06	15.13	16.18	17.14	16.03
F65A1U	NA	29.76	--	--	10.93	Dry	Dry	20.77	8.99
F66A	29.80	29.40	-2.41	-9.91	12.81	10.15	10.70	18.79	10.61
F71A1U	26.66	26.68	9.00	3.00	11.49	8.73	9.43	17.34	9.34
F72A2	26.55	26.55	-12.98	-18.98	12.91	9.97	11.05	15.95	10.60
F73A1	31.78	31.48	-0.43	-5.93	17.96	14.35	15.25	16.52	14.96
F74A	21.83	21.73	-12.98	-22.96	NM	8.27 [3]	9.24	12.71	9.02
F75A1U	22.17	22.06	7.46	-4.29	NM	7.35 [3]	8.33	13.88	8.18
F77A1U	28.94	28.94	11.10	1.10	NM	11.17	11.81	17.35	11.59
F78A1	36.01	35.95	14.49	2.49	19.59	15.49	16.35	19.81	16.14
F84A1	NA	29.48	--	--	17.02	13.72	14.58	15.13	14.35
F85A1	34.50	34.36	7.75	-4.25	18.87	15.11	15.95	18.64	15.72
F86A2	NM	34.63	NM	NM	NM	NM	16.31	18.62	16.01
F88A1U	26.61	26.57	13.26	-1.74	12.16	9.71	NM	17.02	9.55
F90A1U	NM	21.33	NM	NM	NM	NM	8.07	13.31	8.02
F92A2	28.68	28.37	-17.86	-26.86	12.11	9.58	10.12	18.32	10.05
F93A1U	28.97	28.92	14.55	4.55	12.19	9.26	10.05	18.92	10.00
F95A	35.71	35.61	11.48	-3.52	17.13	13.58	14.16	21.51	14.10
F96A2D	35.43	35.30	-6.12	-12.12	17.24	13.71	14.28	21.10	14.20
F97A	33.71	34.11	-1.93	-9.93	19.10	15.46	16.15	18.08	16.03
F98A	33.82	34.44	0.61	-8.39	19.39	14.65	16.33	18.20	16.24
F102B	31.09	31.09	-55.45	-61.45	20.79	17.33	17.44	13.92	17.17
F106A1	36.72	36.67	12.08	2.08	21.09	15.87	16.70	20.12	16.55
F107A2	36.75	36.70	-0.82	-5.82	19.86	15.89	16.70	20.12	16.58
F123A1	34.19	34.16	6.77	-3.23	19.51	15.41	16.24	18.44	15.72
F124A2	34.36	34.31	-7.07	-12.07	19.59	15.46	16.37	18.20	16.11
F125A1	34.20	34.16	14.69	4.69	19.44	15.39	16.29	18.14	16.02
F126A2	NA	34.28	0.78	-14.22	NM	15.38	16.32	18.21	16.07
F127A1	33.77	33.47	2.07	-2.93	18.04	14.45	15.21	18.46	15.01
F129A1	31.54	31.48	0.50	-4.50	17.84	14.46	15.27	16.48	15.00
F130A1U	32.98	32.86	20.27	10.27	17.79	18.77	15.21	17.91	14.95
F131A1	32.73	32.61	5.21	-4.79	18.27	14.68	15.60	17.34	15.27
F133B	24.30	24.32	-40.39	-45.39	11.89	9.28	9.76	14.72	9.60

TABLE 3-2
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640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO CALIFORNIA

Well	TOC Elevation (msl)	TOC Elevation (msl) [1]	Top of Screen Elevation (msl)	Bottom of Screen Elevation (msl)	Groundwater Elevation (ft msl) 06-Jun-06	Groundwater Elevation (ft msl) 11-Jun-07	Groundwater Elevation (ft msl) 09-Jun-08	Depth to Water (ft) 8-Jun-09	Groundwater Elevation (ft msl) 08-Jun-09
F135A1	29.97	30.15	1.29	-8.73	18.42	14.73	15.63	14.81	15.34
F136A1	31.53	31.66	0.11	-9.89	18.27	14.73	15.75	16.28	15.38
F137A1	NM	33.75	NM	NM	NM	NM	16.22	17.92	15.83
F138A1U	28.81	28.73	4.31	0.31	17.72	14.56	15.41	13.63	15.10
F139A1	28.48	28.21	-6.05	-10.05	17.20	9.72	14.95	13.55	14.66
F140A1	27.22	27.18	-7.15	-12.15	14.90	11.17	11.70	15.71	11.45
F141A1U	23.66	23.64	0.24	-4.76	10.52	8.22[2]	8.49	15.19	8.45
F142A1	22.44	22.43	-12.80	-17.80	12.12	9.97	9.39	13.07	9.36
F143A1U	26.10	25.49	0.42	-4.58	15.88	12.19	13.05	12.69	12.80
F145A1	27.38	27.25	-3.72	-8.72	NM	8.36	NM	18.63	8.82
F149A1U	NA	33.79	--	--	18.98	15.11	16.22	17.96	15.83
F150A1	NA	33.75	--	--	18.97	15.09	16.21	17.94	15.81
F151B	33.46	33.42	-40.71	-45.71	20.86	16.99	17.74	16.01	17.41
H1	NA	27.10	--	--	--	--	--	19.48	7.62
H2	NA	26.84	--	--	--	--	--	17.02	9.82
M-1	34.28	34.26	14.65	-14.85	19.50	15.41	16.25	18.23	16.03
M-2	36.85	36.68	17.11	-7.89	19.32	16.92	17.95	20.57	16.11
O17B	38.34	38.31	-27.35	-36.85	20.49	16.49	17.11	21.41	16.90
O28A1	38.59	38.55	13.95	3.95	19.60	15.41	16.20	22.50	16.05
O52A2	38.61	38.59	-3.08	-16.58	19.79	15.55	18.48	22.38	16.21
O67A2	36.68	36.66	-7.44	-22.44	19.81	15.55	16.43	20.54	16.12
O68A1	37.37	37.27	10.81	-4.19	19.76	15.50	16.33	21.08	16.19
O69A2D	35.61	34.98	-14.30	-25.80	19.09	15.12	15.98	19.11	15.87
O70A1	35.66	35.20	5.64	0.14	19.36	15.34	16.10	19.17	16.03
O100B	36.10	36.10	-24.51	-30.51	20.62	16.68	17.23	19.08	17.02
O104A1	36.67	36.67	16.58	6.58	20.22	7.22	16.83	19.96	16.71
O105A2	36.53	36.51	1.48	-6.52	20.21	15.98	16.85	19.82	16.69
O108A1	35.76	35.74	15.46	5.46	20.04	15.79	NM	19.24	16.50
O109A2	35.89	35.86	-1.62	-9.62	19.98	15.79	NM	19.35	16.51
O110A1	37.07	37.04	13.70	3.70	19.54	15.73	16.60	20.59	16.45
O111A2	37.23	37.20	-1.16	-9.16	19.98	15.74	16.59	20.75	16.45
O112A1	37.83	37.80	11.33	3.33	19.91	15.64	16.47	21.44	16.36
O113A2	37.64	37.61	-1.21	-11.21	19.92	15.67	16.50	21.25	16.36
O114A2	36.03	35.99	-2.71	-7.71	19.89	15.50	16.53	19.62	16.37
O115A1	34.81	34.78	10.36	4.36	19.28	15.57	16.33	18.72	16.06

TABLE 3-2
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640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO CALIFORNIA

Well	TOC Elevation (msl)	TOC Elevation (msl) [1]	Top of Screen Elevation (msl)	Bottom of Screen Elevation (msl)	Groundwater Elevation (ft msl) 06-Jun-06	Groundwater Elevation (ft msl) 11-Jun-07	Groundwater Elevation (ft msl) 09-Jun-08	Depth to Water (ft) 8-Jun-09	Groundwater Elevation (ft msl) 08-Jun-09
O116A1	30.60	30.42	11.70	4.70	19.98	15.70	16.56	14.00	16.42
O117A2	30.43	30.36	-2.40	-10.40	20.03	15.72	16.62	13.88	18.48
O118B	30.32	30.26	-32.70	-42.70	21.20	17.15	17.76	12.74	17.52
O119A1	39.88	39.82	9.40	-0.60	19.80	15.51	16.40	23.61	16.21
O120A2	40.08	40.04	-5.40	-15.40	19.84	15.55	18.44	23.77	16.27
O121A2	39.95	38.10	1.90	-8.11	20.54	16.09	15.33	21.11	16.99
O122A2	37.89	37.91	0.66	-9.34	20.61	16.11	17.30	20.75	17.16
O152B	NA	35.45	--	--	--	--	--	21.18	14.27
OB10-1	33.25	33.02	5.55	-4.45	18.31	14.80	15.50	17.71	15.31
OB10-2	34.22	33.96	5.51	-4.49	18.19	14.30	15.45	18.81	15.15
OB11-1	27.80	27.60	6.35	-3.65	12.20	9.66	10.10	17.68	9.92
OB11-2	24.07	23.87	7.12	-2.88	12.83	10.07	10.57	13.52	10.35
OB11-3	28.58	28.38	8.96	-1.04	12.88	10.10	10.58	17.93	10.45
OB11-4	28.20	28.00	-5.28	-10.28	12.20	9.56	10.10	18.08	9.92
OB11-5	29.00	28.80	-3.76	-9.76	12.31	9.66	10.10	18.80	10.00
OB12-1	31.17	31.09	15.48	0.48	18.14	14.54	15.53	15.85	15.24
OB12-2	31.92	31.82	12.18	-0.82	18.18	14.58	15.18	16.55	15.27
OB13-1	29.98	29.86	-3.02	-7.52	17.91	14.34	15.26	14.88	14.98
OB14-1	28.41	27.94	-3.09	-8.09	17.53	NM	14.98	13.29	14.65
OB15-1	26.32	26.15	4.67	-0.33	12.13	9.64	9.54	16.80	9.35
OB16-1	26.48	26.25	-6.60	-11.60	13.57	10.37	10.83	15.88	10.37
OB4-1	37.37	37.34	9.29	1.29	20.08	15.84	16.67	20.80	16.54
OB4-2	36.96	36.94	-1.55	-9.55	20.07	15.79	16.67	20.40	16.54
OB5-1	30.66	30.57	11.70	-8.30	20.04	14.68	16.54	14.17	16.40
OB5-2	40.06	40.06	42.47	3.77	NM	15.61	16.50	23.67	16.39
OB5-3	30.67	30.24	11.80	4.30	13.39	15.72	16.59	13.79	16.45
OB5-4	30.77	30.32	-1.10	-8.60	20.06	14.76	16.65	13.81	16.51
OB5-5	39.85	39.83	0.27	-8.43	NM	15.77	16.99	23.85	15.98
OB7-1	38.69	38.63	9.48	-0.52	19.63	15.35	16.06	22.73	15.90
OB7-2	39.80	39.85	9.22	-0.78	19.83	15.39	16.15	23.87	15.98
OB7-3	40.19	40.14	10.30	0.30	15.64	15.45	16.19	24.14	16.00
OB8-1	32.52	32.44	6.82	-3.18	18.80	14.97	14.51	16.91	15.53
OB8-2	33.21	33.14	7.41	-2.60	18.82	14.97	15.79	17.81	15.33
OB8-3	32.12	32.08	6.38	-3.62	18.69	14.92	15.58	16.61	15.47
OB9-2	32.66	32.56	4.71	-5.29	18.03	14.52	15.46	17.41	15.15

TABLE 3-2
SUMMARY OF GROUNDWATER ELEVATIONS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO CALIFORNIA

Well	TOC Elevation (msl)	TOC Elevation (msl) [1]	Top of Screen Elevation (msl)	Bottom of Screen Elevation (msl)	Groundwater Elevation (ft msl) 06-Jun-06	Groundwater Elevation (ft msl) 11-Jun-07	Groundwater Elevation (ft msl) 09-Jun-08	Depth to Water (ft) 8-Jun-09	Groundwater Elevation (ft msl) 08-Jun-09
P1-A1	NA	34.13	10.13	0.13	NM	15.39	16.13	18.24	15.89
P1-A2	NA	34.16	-1.84	-11.84	NM	15.57	16.50	18.01	16.15
P2-A2	NA	33.98	-1.02	-11.02	NM	15.61	16.51	17.72	16.26
P3-A2	NA	34.59	-0.41	-10.41	NM	15.63	16.53	18.33	16.26
P4-A2	NA	34.93	0.93	-9.07	NM	15.65	16.57	18.54	16.39
P5-A2	NA	34.85	-3.15	-10.15	NM	15.67	16.59	18.44	16.41
P13	NA	39.53	--	--	--	--	--	23.05	16.48
P17	NA	39.84	--	--	--	--	--	23.28	16.56
P2-1	26.11	26.04	5.99	0.99	5.96	4.84	5.06	20.99	5.05
P2-2	NA	25.84	--	--	--	--	--	17.62	8.22
P2-4	NA	26.06	--	--	--	--	--	16.73	9.33
P3-1	25.01	25.06	6.84	1.84	7.72	6.12	6.34	18.78	6.28
P3-2	NA	25.03	--	--	--	--	--	17.18	7.85
P3-5	NA	24.81	--	--	--	--	--	16.22	8.59
RW-1	28.25	25.63	18.90	-1.10	12.89	12.16	10.67	15.18	10.45
RW-2	28.49	25.84	19.20	-0.80	12.76	12.07	10.54	15.46	10.38
RW-4	28.58	25.16	18.87	-1.13	11.76	10.14	10.63	14.62	10.54
RW-5	23.16	22.96	19.03	-0.97	12.84	10.09	10.56	12.52	10.44
RW-6	28.24	25.56	18.73	-1.27	12.39	9.82	10.21	15.56	10.00
SH1	28.43	27.99	9.69	-5.31	8.06	6.26	6.81	21.20	6.79
T1A	NA	34.25	-0.75	-10.75	13.32	15.51	16.18	18.08	16.17
TW-2	NA	37.67	--	--	--	--	--	21.03	16.64
V-10	36.31	36.34	7.00	-8.00	18.56	14.85	15.27	21.04	15.30
V-16A1U	36.19	36.17	27.12	17.12	18.41	Dry	15.07	21.13	15.04
V-23	36.09	36.07	6.75	-3.25	18.07	14.54	14.98	21.27	14.80
V-33A2D	36.21	36.20	-14.36	-19.36	17.89	14.25	14.85	21.43	14.77
V8-1	37.23	37.38	13.16	-6.84	20.07	9.08	16.76	20.70	16.68
V8-13B	36.35	36.37	-21.81	-31.81	20.66	17.10	17.28	19.28	17.09
V6-2	39.28	39.43	12.77	-7.23	19.86	15.96	16.62	22.92	16.51
V8-22	36.58	36.60	3.50	-6.50	19.95	15.90	16.64	20.11	16.49
V8-2X	36.61	35.59	14.01	-5.99	NM	15.87[2]	16.59	19.05	16.54
V8-3	36.67	36.71	1.45	-8.55	19.69	15.80	16.50	20.35	16.36
V8-4	37.15	37.16	14.17	-5.83	19.78	15.83	16.53	20.75	16.41
V8-5	37.95	37.98	12.43	-7.57	20.26	16.00	16.46	21.14	16.84
V8-6	37.54	37.57	11.32	-8.18	20.06	16.15	16.77	20.95	16.62

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AND THE OFF-SITE AREA
PALO ALTO CALIFORNIA

Well	TOC Elevation (msl)	TOC Elevation (msl) [1]	Top of Screen Elevation (msl)	Bottom of Screen Elevation (msl)	Groundwater Elevation (ft msl) 06-Jun-06	Groundwater Elevation (ft msl) 11-Jun-07	Groundwater Elevation (ft msl) 09-Jun-08	Depth to Water (ft) 8-Jun-09	Groundwater Elevation (ft msl) 08-Jun-09
V8-7	36.90	36.92	9.84	-10.16	18.77	15.41	15.98	21.03	15.89
V8-8	36.81	36.83	14.07	-5.93	18.64	14.99	15.52	21.37	15.46
V8-8X	37.68	33.69	2.48	-7.52	NM	14.92 [4]	NM	18.12	15.57
V-9	34.63	34.41	-1.20	-21.20	NM	15.17	15.84	18.67	15.74
V-9X	33.61	32.90	-2.15	-7.15	NM	15.68 [2]	NM	16.44	16.46
VB-1	27.74	27.82	11.99	-7.01	NM	6.73	6.87	20.96	6.86
W-3A1U	29.09	28.89	14.19	-0.81	15.18	12.32	12.99	16.10	12.79
W-7A1U	31.29	31.09	16.55	4.05	16.94	13.74	14.44	16.78	14.31
W-10A1U	28.00	27.80	5.91	0.91	10.39	8.73	9.00	18.84	8.96
W-11A1U	34.92	34.72	2.76	-2.24	16.09	13.04 [3]	13.80	21.10	13.62
W-12A1U-R	28.58	28.38	10.56	0.56	13.07	10.25	10.78	18.44	9.94
W-13A2	28.93	27.92	-12.73	-22.73	11.43	8.91	9.42	18.58	9.34
W-16A1	28.76	28.56	-2.93	-10.43	12.56	9.81	10.26	18.50	10.06
W-17A2	28.39	28.19	-12.59	-17.59	12.52	9.90	10.34	18.00	10.19
W-19A2	30.95	30.75	-11.46	-21.46	14.56	11.47	11.95	18.80	11.95

Abbreviations:
NA = Not available.
NM = water level was not measured
TOC = top of casing
msl = mean sea level
ft = feet

Notes:
[1] = Elevation surveyed in 2006 by Mid Coast Engineers
[2] = Depth to water sampled on June 12, 2007
[3] = Depth to water measured on September 10, 2007
[4] = Depth to water measured on June 13, 2007
[5] = Depth to water measured on June 11, 2008
[6] = Permanent shut down and removal from SMP approved in a letter dated February 9, 2007.

TABLE 3-3
SELF-MONITORING PROGRAM SAMPLING AND ANALYSIS SCHEDULE

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Well	Annual	Biennial
BW-4 (1)		
EW-1 (2)		
EW-2 (2)		
EW-4		8010+Freon® 113
EW-5		8010+Freon® 113
EW-6 (2)		
EW-7 *		8010+Freon® 113
EW-8 *		8010+Freon® 113
EW-9 (3)		
EW-10		8010+Freon® 113
EW-11R	8010+Freon® 113	
EW-12	8010+Freon® 113	
EW-13		8010+Freon® 113
EW-14 (4)		
EW-15		8010+Freon® 113
EW-16		8010+Freon® 113
F21A1U		8010+Freon® 113
F22A1U *		8010+Freon® 113
F23A (2)		
F32A		8010+Freon® 113
F33B		8010+Freon® 113
F34A	8010+Freon® 113	
F36A		8010+Freon® 113
F38A	8010+Freon® 113	
F40A	8010+Freon® 113	
F42A1 *		8010+Freon® 113
F43A1U (2)		
F44A (2)		
F45A1U (2)		
F46A1		8010+Freon® 113
F49A1	8010+Freon® 113	
F53A1U	8010+Freon® 113	
F54A1U		8010+Freon® 113
F57A1U	8010+Freon® 113	
F58A	8010+Freon® 113	
F59A1U		8010+Freon® 113
F61A1U		8010+Freon® 113
F62A1	8010+Freon® 113	
F63A1U/A1		8010+Freon® 113
F64A1		8010+Freon® 113
F73A1		8010+Freon® 113
F74A	8010+Freon® 113	
F75A1U		8010+Freon® 113
F77A1U		8010+Freon® 113
F78A1		8010+Freon® 113
F85A1		8010+Freon® 113
F88A1U		8010+Freon® 113
F92A2	8010+Freon® 113	
F95A		8010+Freon® 113
F97A		8010+Freon® 113

TABLE 3-3
SELF-MONITORING PROGRAM SAMPLING AND ANALYSIS SCHEDULE

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Well	Annual	Biennial
F98A		8010+Freon® 113
F106A1		8010+Freon® 113
F107A2		8010+Freon® 113
F123A1		8010+Freon® 113
F124A2		8010+Freon® 113
F125A1		8010+Freon® 113
F127A1	8010+Freon® 113	
F129A1		8010+Freon® 113
F130A1U		8010+Freon® 113
F131A1		8010+Freon® 113
F133B		8010+Freon® 113
F135A1		8010+Freon® 113
F136A1		8010+Freon® 113
F138A1U	8010+Freon® 113	
F139A1	8010+Freon® 113	
F140A1		8010+Freon® 113
F141A1U	8010+Freon® 113	
F142A1	8010+Freon® 113	
F143A1U		8010+Freon® 113
F145A1		8010+Freon® 113
F151B		8010+Freon® 113
O17B		8010+Freon® 113
O28A1		8010+Freon® 113
O52A2	8010+Freon® 113	
O67A2 *		8010+Freon® 113
O68A1 *		8010+Freon® 113
O69A2D	8010+Freon® 113	
O70A1		8010+Freon® 113
O100B		8010+Freon® 113
O104A1		8010+Freon® 113
O105A2		8010+Freon® 113
O108A1		8010+Freon® 113
O109A2		8010+Freon® 113
O110A1		8010+Freon® 113
O111A2		8010+Freon® 113
O112A1		8010+Freon® 113
O113A2		8010+Freon® 113
O114A2	8010+Freon® 113	
O115A1		8010+Freon® 113
O116A1		8010+Freon® 113
O117A2		8010+Freon® 113
O118B	8010+Freon® 113	
O119A1	8010+Freon® 113	
O120A2 *		
O121A2		8010+Freon® 113
O122A2		8010+Freon® 113
RW-1		8010+Freon® 113
RW-2		8010+Freon® 113
RW-4		8010+Freon® 113
RW-5 *		8010+Freon® 113

TABLE 3-3
SELF-MONITORING PROGRAM SAMPLING AND ANALYSIS SCHEDULE

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Well	Annual	Biennial
RW-6		8010+Freon® 113
SH1		8010+Freon® 113
V8-1 *		8010+Freon® 113
V8-2		8010+Freon® 113
V8-2X		8010+Freon® 113
V8-3		8010+Freon® 113
V8-4		8010+Freon® 113
V8-5 *		8010+Freon® 113
V8-6		8010+Freon® 113
V8-7	8010+Freon® 113	
V8-8 *		8010+Freon® 113
V8-8X		8010+Freon® 113
V8-13B	8010+Freon® 113	
V8-22		8010+Freon® 113
V-9		8010+Freon® 113
V-9X		8010+Freon® 113
V-10		8010+Freon® 113
V-23		8010+Freon® 113
V-33A2D		8010+Freon® 113
VB-1		8010+Freon® 113
W-3A1U	8010+Freon® 113	
W-7A1U		8010+Freon® 113
W-9A1U (5)		
W-10A1U		8010+Freon® 113
W-11A1U		8010+Freon® 113
W-12A1U-R		8010+Freon® 113
W-13A2	8010+Freon® 113	
W-16A1		8010+Freon® 113
W-17A2		8010+Freon® 113
W-19A2	8010+Freon® 113	
OEU-Manhole		8010+Freon® 113

Notes:

(1) Well BW-4 was decommissioned on March 15, 2002

decommissioned in July 2005

(3) Approved for removal from SMP on February 9, 2007

(4) Well EW-14 was decommissioned in July of 2006, per RWQCB approval.

(5) Well W-9A1U/A1 was decomissioned in 199e, per RWQCB approval.

* This well is being monitored more frequently on a self-directed basis.

Abbreviations:

8010+Freon® 113 = Reporting EPA Method 8010 analytes plus Freon® 113 analyzed by

OEU = Oregon Expressway Underpass Manhole

Biennial = Sampled in odd years (e.g. 2005, 2007)

(6) Well W-9A1U/A1 was decomissioned in 1998

Abbreviations:

8010+Freon® 113 = Reporting EPA Method 8010 analytes plus Freon® 113

OEU = Oregon Expressway Underpass Manhole

Biennial = Sampled in odd years (e.g. 2005, 2007)

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
BP-3	10/25/1991		19	< 0.5	0.7	< 0.5	17	< 0.5	< 0.5	< 0.5
BP-3	12/10/1991		32	< 5	< 5	< 5		< 5	< 5	
BP-3	3/12/1992		23	< 1	< 1	< 1	10	< 1	< 1	< 1
BP-3	6/3/1992		7.9	< 0.5	< 0.5	< 0.5	6.4	< 0.5	< 0.5	< 0.5
BP-3	9/10/1992		9.9	< 0.5	< 0.5	< 0.5	9	< 0.5	< 0.5	< 0.5
BP-3	12/2/1992		7.1	< 5	< 5	< 5	< 5	< 5	< 5	
BP-3	3/2/1993		15	< 0.5	< 0.5	< 0.5	4.3	< 0.5	< 0.5	< 0.5
BW-1	7/30/1991		110	16	12	< 1	18	< 0.5	< 0.5	< 0.5
BW-4	11/7/1991		420	170	16	< 10	180	< 2.5	< 2.5	< 2.5
BW-4	12/12/1991		420	160	16			< 5	7	
BW-4	3/4/1992		300	100	10	< 2.5	100	< 0.5	4	< 0.5
BW-4	6/8/1992		300	130	15		140	< 0.5	6.5	< 0.5
BW-4	9/18/1992		330	140	14		140	< 1	8.6	< 1
BW-4	12/14/1992		330	110	12	< 10	150	< 5	< 5	
BW-4	3/5/1993		330	150	15	< 5	110	< 1	3.4	< 1
BW-4	6/9/1993		220	100	11	< 5	140	< 1	2.8	< 1
BW-4	9/10/1993		230	64	5.9	< 5	86	< 1	< 1	< 1
BW-4	9/10/1993	Dup	220	52	8.2	< 5	68	< 1	< 1	< 1
BW-4	12/2/1993		250	55	7.3		77	< 5	< 5	
BW-4	3/2/1994		380	57	9.9		85	< 1	2.2	< 1
BW-4	3/2/1994	Dup	380	58	9.7		85	< 1	2.2	< 1
BW-4	6/8/1994		300	57	4.9		81	< 1	2	< 1
BW-4	12/5/1994		260	22	< 10	< 10	47	< 10	< 10	
BW-4	6/8/1995		180	28	2.8		34	< 0.5	< 0.5	< 0.5
BW-4	12/6/1995		150	11	< 5	< 5	22	< 5	< 5	
BW-4	6/5/1996		150	21	8.4	< 2.5	37	< 2.5	< 2.5	< 2.5
BW-4	12/12/1996		130	19	6.3	6.5	39	< 5	< 5	
BW-4	12/5/1997		73	3.4	< 2.5	< 2.5	5.3	< 2.5	< 2.5	< 2.5
BW-4	12/5/1997	Dup	75	3.7	< 2.5	< 2.5	5.7	< 2.5	< 2.5	< 2.5
BW-4	12/9/1998		143	33.9	14.4	13.1	72.2	< 2.5	2.76	< 2.5
BW-4	12/8/1999		143	28.4	11.8	12.9	58.8	< 4.17	< 8.33	< 4.17
BW-4	12/8/2000		100	19	5.0	8.2	32	< 1.0	< 4.0	< 1.0
BW-4	6/21/2001		160	20	6.2	7.7	41	< 2.5	< 10	< 2.5
E-3	11/6/1991		88	25	4.2	< 1	< 0.5	< 0.5	< 0.5	< 0.5
E-5	11/6/1991		300	50	4.8	< 5	4.6	< 1	< 1	< 1
EW-1	6/9/1994		36	0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
EW-1	7/14/1994		45	0.98	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
EW-1	10/17/1994		31	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
EW-1	12/16/1994		37	< 5	< 5	< 5	< 5	< 5	< 5	
EW-1	12/16/1994	Dup	32	< 5	< 5	< 5	< 5	< 5	< 5	
EW-1	3/3/1995		26	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
EW-1	6/5/1995		22	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
EW-1	9/8/1995		24	0.78	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
EW-1	12/11/1995		20	< 5	< 5	< 5	< 5	< 5	< 5	
EW-1	3/7/1996		29	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
EW-1	6/16/1996		27	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
EW-1	9/11/1996		27	< 1	< 1	< 1	< 1	< 1	< 1	< 1
EW-1	12/10/1996		18	< 5	< 5	< 5	< 5	< 5	< 5	
EW-1	3/5/1997		23	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
EW-1	8/4/1997		27	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
EW-1	9/10/1997		43	< 0.5	< 0.5	< 0.5	0.67	< 0.5	< 0.5	< 0.5
EW-1	12/4/1997		39	< 0.5	< 0.5	< 0.5	0.66	< 0.5	< 0.5	< 0.5
EW-1	6/4/1998		89	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
EW-1	12/10/1998		111	2.8	< 2.5	< 2.5	9.56	< 2.5	< 2.5	< 2.5
EW-1	6/8/1999		160	< 10.0	< 10.0	< 10.0	11.5	< 10.0	< 10.0	< 10.0
EW-1	12/15/1999		210	5.8	< 5	< 5	9.1	< 5	< 5	< 5
EW-1	6/8/2000		130	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
EW-1	12/11/2000		220	5.1	< 0.50	< 0.50	11	< 0.50	< 2.0	< 0.50
EW-1	6/22/2001		290	< 5.0	< 5.0	< 5.0	13	< 5.0	< 20	< 5.0
EW-1	8/27/2002		130	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
EW-1	6/25/2003		60	< 0.50	< 0.50	< 0.50	0.89	< 0.50	< 0.50	< 0.50
EW-1	6/22/2004		350	< 5.0	< 5.0	< 5.0	14	< 5.0	< 5.0	< 5.0
EW-1	6/28/2005		480	110	7.8	12	29	< 5.0	73	< 5.0
EW-2	6/9/1994		170	< 1	< 1	< 1	< 1	< 1	< 1	< 1
EW-2	7/14/1994		260	< 0.5	< 0.5	< 0.5	2.6	< 0.5	< 0.5	< 0.5
EW-2	8/16/1994		180	< 0.5	< 0.5	< 0.5	1.9	< 0.5	< 0.5	< 0.5
EW-2	9/14/1994		190	< 0.5	< 0.5	< 0.5	38	1.3	< 0.5	< 0.5
EW-2	5/31/1995		3.5	< 0.5	< 0.5	< 0.5	47	0.63	< 0.5	0.97
EW-2	6/7/1995		85	< 1	< 1	< 1	4.6	2.8	< 1	< 1
EW-2	9/6/1995		91	< 0.5	< 0.5	< 0.5	2.8	2.6	< 0.5	< 0.5
EW-2	12/11/1995		200	< 5	< 5	< 5	< 5	< 5	< 5	
EW-2	3/7/1996		100	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
EW-2	8/16/1996		200	< 5	< 5	< 5	5.4	< 5	< 5	< 5
EW-2	9/11/1996		230	5.3	< 5	< 5	6.1	< 5	< 5	< 5
EW-2	12/10/1996		61	< 5	< 5	< 5	< 5	< 5	< 5	
EW-2	9/10/1997		6.7	< 2.5	< 2.5	< 2.5	110	< 2.5	< 2.5	< 2.5
EW-2	12/10/1998		94	< 5	< 5	< 5	10.2	< 5	< 5	< 5
EW-2	6/21/2001		2.8	< 0.50	< 0.50	< 0.50	22	< 0.50	< 2.0	< 0.50
EW-2	6/24/2005		26	< 0.50	< 0.50	< 0.50	12	< 0.50	< 0.50	< 0.50
EW-4	12/7/1993		120	540	71		530	< 1	350	< 1
EW-4	6/9/1994		2,200	4,500	130		1,500	19	1,500	< 10
EW-4	7/14/1994		2,400	3,400	73	4.9	1,200	24	1,200	
EW-4	7/14/1994	Dup	2,000	3,300	78	4.9	1,200	23	1,200	
EW-4	6/16/1994		1,200	1,800	62		790	15	890	< 10
EW-4	9/14/1994		1,200	1,600	71		460	25	1,100	< 5
EW-4	5/31/1995		450	500	25		200	14	370	4.1
EW-4	6/9/1995		590	620	29		240	12	380	< 5
EW-4	6/9/1995	Dup	570	600	31		250	12	370	< 5
EW-4	9/8/1995		420	440	32		210	14	310	< 5
EW-4	12/11/1995		260	260	22		120	8.4	180	
EW-4	12/11/1995	Dup	270	280	23		120	8.5	190	
EW-4	3/7/1996		260	240	28	74	120	18	190	5.7
EW-4	6/11/1996		150	140	20	44	78	7.6	120	< 2.5
EW-4	9/13/1996		120	120	20	43	69	6	65	2.7
EW-4	12/13/1996		120	140	17	35	88	< 5	140	
EW-4	3/6/1997		110	110	15	33	53	< 5	100	< 5
EW-4	6/5/1997		77	76	14	26	41	4.6	70	< 2.5
EW-4	9/11/1997		80	75	13	< 1	40	3.9	60	1.2
EW-4	12/3/1997		49	49	8.8	19	27	2.2	49	1.1
EW-4	6/4/1998		34	38	7.2	18	21	1.3	36	< 1
EW-4	12/11/1998		199	119	12.2	37.1	95.2	< 5	59.7	6.76
EW-4	6/8/1999		25.2	19.2	4.91	12.8	11.5	0.992	16.9	< 0.500
EW-4	12/15/1999		22	20	5.2	14	9.5	< 1.3	10	< 1.3
EW-4	12/15/1999	Dup	22	21	4.9	13	8.9	0.83	8.1	< 0.5
EW-4	6/7/2000		11	11	3.6	10	7.1	< 0.50	6.7	< 0.50
EW-4	12/11/2000		16	16	4.6	14	9.5	< 0.50	9.5	< 0.50
EW-4	12/11/2000	Dup	21	20	4.9	19	11	< 0.50	13	< 0.50
EW-4	6/21/2001		18	16	3.9	18	10	< 0.50	14	< 0.50
EW-4	6/21/2001	Dup	17	16	3.9	18	10	< 0.50	13	< 0.50

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
EW-4	6/25/2003		9.3	7.3	2.8	11	4.5	< 0.50	3.6	< 0.50
EW-4	6/25/2003	Dup	9.8	7.7	3.1	11	4.8	< 0.50	3.5	< 0.50
EW-4	8/22/2005		17	7.9	7.5	29	8.1	3.2	6.3	< 0.50
EW-4	3/22/2007		13	4.3	5.7	14	6.4	9.1	2.2	< 0.5
EW-4	3/30/2007		15	4.2	6.7	14	6.5	8.8	2.3	< 0.5
EW-4	6/12/2007		15	4.2	7.5	19	6.3	8.4	2.9	< 0.50
EW-4	6/9/2009		19	3.4	4.2	25	8.8	11	1.7	< 0.50
EW-5	3/23/1993		1,600	340	21	< 25	150	63	200	< 5
EW-5	3/23/1993	Dup	1,500	360	20	< 25	150	47	210	< 5
EW-5	6/9/1994		8,400	5,300	56		490	160	1,900	160
EW-5	6/9/1994	Dup	8,000	5,200	55		490	150	1,700	160
EW-5	7/14/1994		9,600	6,000	82		630	180	2,300	
EW-5	8/18/1994		6,800	9,700	160		1,100	200	3,400	
EW-5	9/14/1994		5,700	5,400	180		750	270	2,900	
EW-5	9/14/1994	Dup	5,600	5,300	180		750	270	2,900	
EW-5	12/16/1994		6,200	4,100	110		580	210	1,900	
EW-5	3/6/1995		10,000	6,500	76		620	230	2,800	270
EW-5	6/9/1995		6,300	5,500	98		770	180	2,200	230
EW-5	9/8/1995		5,800	5,400	140		970	820	2,300	460
EW-5	9/8/1995	Dup	5,600	5,100	< 120		810	320	1,900	440
EW-5	12/8/1995		5,400	5,100	100	< 250	660	180	1,900	
EW-5	3/6/1996		5,800	6,400	300	420	1,800	420	2,800	520
EW-5	6/10/1996		4,100	3,100	91	160	560	170	1,400	280
EW-5	9/13/1996		3,400	3,400	130	220	640	180	1,000	330
EW-5	12/13/1996		3,600	3,500	< 120	< 120	430	< 120	1,600	
EW-5	3/7/1997		2,300	1,900	81	130	380	140	1,300	240
EW-5	6/6/1997		1,800	1,700	85	120	380	120	960	190
EW-5	9/11/1997		2,000	1,700	84	160	340	140	880	230
EW-5	12/4/1997		1,300	760	29	84	200	74	580	180
EW-5	6/3/1998		440	160	< 25	< 25	95	33	200	130
EW-5	12/11/1998		285	134	< 25	25.7	52.3	28.4	38.4	98.5
EW-5	6/9/1999		150	47.1	11.6	22.7	36.0	22.2	58.1	92.9
EW-5	12/15/1999		150	46	14	30	40	19	37	
EW-5	6/13/2000		130	40	< 2.5	28	34	21	56	92
EW-5	12/5/2000		140	42	10	30	26	14	39	87
EW-5	6/22/2001		130	41	12	28	39	22	41	94
EW-5	6/25/2003		82	18	8.4	13	47	10	27	48
EW-5	6/20/2005		52	18	8.0	13	22	11	23	47
EW-5	3/22/2007		29	15	4.5	11	3.9	4.4	8.4	22
EW-5	3/30/2007		34	14	5.2	14	11	3.8	11	24
EW-5	6/12/2007		35	13	5.2	18	11	3.8	12	27
EW-5	6/9/2009		27	9.5	3.4	8.3	5.4	1.9	5.4	13
EW-6	2/2/1993		210	< 0.5	< 0.5	< 0.5	2	< 0.5	< 0.5	< 0.5
EW-6	10/17/1994		1,200	< 2.5	4.8		21	< 2.5	< 2.5	< 2.5
EW-6	12/16/1994		700	< 5	9.1	< 5	9.9	< 5	< 5	
EW-6	5/31/1995		3,000	< 0.5	< 0.5		81	1.4	< 0.5	< 0.5
EW-6	6/7/1995		470	3.7	8.4		8.2	< 0.5	< 0.5	< 0.5
EW-6	9/7/1995		320	< 50	< 50	< 50	< 50	< 50	< 50	< 50
EW-6	11/17/1995		160	31	28		310	< 5	< 5	< 5
EW-6	12/8/1995		2,600	< 5	< 5	< 100	170	< 5	< 5	
EW-6	3/7/1996		910	33	12	< 12	13	< 12	< 12	< 12
EW-6	6/6/1996		160	32	32	22	5.3	< 2.5	< 2.5	< 2.5
EW-6	6/6/1996	Dup	150	32	32	22	5.1	< 2.5	< 2.5	< 2.5
EW-6	9/12/1996		130	42	40	34	17	< 2.5	< 2.5	< 2.5
EW-6	12/16/1996		110	34	35	27	23	< 5	< 5	
EW-6	3/6/1997		110	53	46	40	47	< 2.5	< 2.5	< 2.5

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
EW-6	6/5/1997		100	97	53	58	100	< 2.5	3.9	< 2.5
EW-6	9/9/1997		100	160	58	72	170	< 2.5	2.6	< 2.5
EW-6	12/5/1997		100	180	51	80	180	< 2.5	7.1	< 2.5
EW-6	6/2/1998		86	380	46	110	310	< 12	18	< 12
EW-6	12/8/1998		101	482	< 25	108	328	< 25	43.7	< 25
EW-6	6/8/1999		112	406	33.4	86.0	258	< 12.5	69.1	< 12.5
EW-6	12/15/1999		100	410	24	74	220	< 5	67	< 5
EW-6	6/8/2000		120	350	21	69	210	< 10	67	< 10
EW-6	12/11/2000		120	270	18	53	170	< 10	130	< 10
EW-6	12/11/2000	Dup	180	25	< 10	11	29	180	< 40	< 10
EW-6	6/21/2001		160	290	21	80	180	< 10	170	< 10
EW-6	6/25/2003		120	100	11	34	74	< 1.0	91	< 1.0
EW-6	6/24/2005		290	160	11	19	41	< 5.0	87	< 5.0
EW-7	8/16/1994		740	190	< 10		98	< 10	240	< 10
EW-7	6/16/1994	Dup	810	170	< 10		84	< 10	190	< 10
EW-7	9/14/1994		570	210	9.7		75	9.6	230	
EW-7	10/17/1994		730	200	8.4		90	10	200	< 5
EW-7	12/18/1994		670	160	7.5		76	8.8	150	
EW-7	3/6/1995		700	140	< 5		65	8.5	150	< 5
EW-7	6/9/1995		560	130	< 5		54	5.9	150	< 5
EW-7	9/7/1995		640	160	< 25		63	< 25	130	< 25
EW-7	11/17/1995		500	130	< 12		50	12	140	< 12
EW-7	12/11/1995		440	70	< 5		35	6.8	83	
EW-7	3/7/1996		360	74	5.7	32	38	16	76	< 5
EW-7	6/6/1996		480	62	5.4	29	40	10	110	< 5
EW-7	9/12/1996		330	66	6.8	29	37	12	60	< 5
EW-7	12/11/1996		360	52	< 10	21	31	< 10	120	
EW-7	3/6/1997		350	76	8.3	30	40	12	120	< 5
EW-7	6/5/1997		240	62	7.6	23	34	10	91	< 5
EW-7	9/12/1997		410	110	9.9	42	53	16	140	< 5
EW-7	12/3/1997		300	92	12	34	51	13	140	< 5
EW-7	6/2/1998		620	910	37	88	150	< 25	270	< 25
EW-7	12/10/1998		837	381	< 25	46.4	83.7	< 25	252	< 25
EW-7	6/8/1999		1,050	276	< 50.0	51.5	61.1	< 50.0	220	< 50.0
EW-7	12/15/1999		1,400	260	< 25	55	85	< 25	210	< 25
EW-7	12/15/1999	Dup	1,300	280	< 25	55	80	< 25	220	< 25
EW-7	6/7/2000		1,200	230	< 25	31	48	< 25	340	< 25
EW-7	12/5/2000		2,200	500	< 25	91	91	< 25	650	< 25
EW-7	6/22/2001		1,800	300	< 25	62	65	< 25	420	< 25
EW-7	6/26/2003		6,500	4,800	220	380	570	77	2,200	< 50
EW-7	6/22/2005		620	69	< 10	41	20	16	240	< 10
EW-7	6/29/2006		550	64	8.0	24	36	5.8	140	< 5.0
EW-7	3/22/2007		410	45	6.3	26	27	5.4	150	< 5
EW-7	3/30/2007		250	28	4.1	20	18	3.9	84	< 2
EW-7	6/12/2007		370	41	6.5	28	24	5.5	150	< 5.0
EW-7	6/12/2007	Dup	350	39	6.3	26	23	5.1	120	< 5.0
EW-7	6/11/2008		2,400	1,500	55	75	390	80	1,600	89
EW-7	12/10/2008		1,900	1,200	50	70	440	72	1,700	100
EW-7	6/9/2009		1,500	950	37	81	340	57	890	95
EW-8	5/6/1993		190	26	11	< 2.5	36	< 0.5	0.5	< 0.5
EW-8	7/14/1994		1,500	570	26		380	< 10	160	< 10
EW-8	6/16/1994		1,300	470	< 10		310	< 10	160	< 10
EW-8	9/14/1994		1,200	400	23	1.1	260	< 0.5	280	< 0.5
EW-8	12/18/1994		1,500	460	24		310	< 10	220	
EW-8	3/3/1995		1,200	450	14		280	< 12	210	< 12
EW-8	3/3/1995	Dup	1,200	480	15		300	< 12	240	< 12

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
EW-8	6/5/1995		800	260	< 12		180	< 12	170	< 12
EW-8	9/7/1995		1,100	390	< 25		210	< 25	270	< 25
EW-8	11/17/1995		720	250	15		160	< 12	180	< 12
EW-8	12/11/1995		820	190	12		130	< 5	150	
EW-8	3/7/1996		990	280	15	72	160	< 12	230	< 12
EW-8	3/7/1996	Dup	960	240	< 12	56	150	< 12	170	< 12
EW-8	7/17/1996		990	290	< 25	62	150	< 25	150	< 25
EW-8	9/13/1996		650	200	14	62	140	< 12	130	< 12
EW-8	12/16/1996		500	150	< 25	39	110	< 25	180	
EW-8	3/6/1997		540	180	< 12	49	120	< 12	170	< 12
EW-8	6/5/1997		380	110	< 10	35	80	< 10	120	< 10
EW-8	9/9/1997		370	96	< 10	30	69	< 10	110	< 10
EW-8	12/5/1997		320	87	< 10	28	64	< 10	100	< 10
EW-8	6/3/1998		330	68	< 10	24	68	< 10	110	< 10
EW-8	12/10/1998		262	58.5	< 10	19.3	53.7	< 10	88.5	< 10
EW-8	6/8/1999		331	52.5	< 10.0	19.8	44.2	< 10.0	82.7	< 10.0
EW-8	12/15/1999		300	200	33	50	74	< 5	63	< 5
EW-8	6/8/2000		280	530	28	82	120	< 5.0	130	< 5.0
EW-8	12/5/2000		630	1,400	47	170	220	< 25	300	< 25
EW-8	6/22/2001		910	1,200	38	150	170	< 13	380	< 13
EW-8	8/26/2003		750	610	30	79	100	< 5.0	170	< 5.0
EW-8	6/22/2005		1,500	1,100	63	320	190	< 50	800	< 50
EW-8	3/22/2007		3,500	1,300	< 50	120	220	< 50	1,600	< 50
EW-8	3/30/2007		2,800	1,200	< 50	100	190	< 50	1,100	< 50
EW-8	6/13/2007		3,300	1,600	33	150	230	< 25	1,700	< 25
EW-8	6/13/2007	Dup	3,200	1,600	33	150	240	< 25	1,600	< 25
EW-8	6/12/2008		2,500	1,200	51	160	290	< 25	1,400	< 25
EW-8	6/12/2008	Dup	2,200	1,200	47	140	290	< 25	1,200	< 25
EW-8	12/10/2008		1,900	1,100	47	160	360	< 20	1,300	< 20
EW-8	6/10/2009		1,700	1,200	< 50	140	240	< 50	860	< 50
EW-9	5/31/1995		85	44	8.5		45	< 0.5	4.1	< 0.5
EW-9	5/31/1995	Dup	86	44	8.8		44	< 0.5	4.4	< 0.5
EW-9	6/6/1995		92	42	7.4		51	< 0.5	4.3	< 0.5
EW-9	3/7/1996		22	13	3.2	3.6	18	< 0.5	< 0.5	< 0.5
EW-9	7/17/1996		47	24	4.9	8.1	27	< 1	< 1	< 1
EW-9	9/11/1996		42	23	4.2	10	26	< 1	1.9	< 1
EW-9	3/6/1997		32	15	2.7	6	15	< 0.5	2.1	< 0.5
EW-9	9/10/1997		24	4.9	12	5.2	35	< 0.5	0.54	< 0.5
EW-9	6/4/1998		20	7.2	1.6	4.1	7.1	< 0.5	1.5	< 0.5
EW-9	12/8/1998		21.8	< 5	< 5	< 5	10.9	< 5	< 5	< 5
EW-9	8/10/1999		2.89	< 0.500	2.34	0.874	17.0	< 0.500	< 0.500	< 0.500
EW-9	6/22/2005		23	1.8	0.53	2.2	2.6	< 0.50	< 0.50	< 0.50
EW-10	2/3/1993		190	43	7	< 2.5	55	< 0.5	< 0.5	< 0.5
EW-10	2/3/1993	Dup	160	42	8.8	< 2.5	55	< 0.5	0.8	< 0.5
EW-10	9/14/1994		1,700	590	42		500	< 5	320	< 5
EW-10	10/17/1994		1,500	560	27		410	< 10	300	< 10
EW-10	10/17/1994	Dup	1,600	580	27		410	< 10	320	< 10
EW-10	12/16/1994		1,600	530	32		430	< 10	230	
EW-10	3/3/1995		1,300	540	29	1.6	420	< 0.5	250	< 0.5
EW-10	6/6/1995		650	230	6.9		180	< 5	200	< 5
EW-10	11/17/1995		370	150	9.2		110	< 5	100	< 5
EW-10	11/17/1995	Dup	390	160	9.8		110	< 5	110	< 5
EW-10	12/7/1995		420	130	7.1	< 25	92	< 5	100	
EW-10	3/7/1996		760	270	< 12	64	150	< 12	180	< 12
EW-10	7/17/1996		330	110	6.1	31	63	< 5	60	< 5
EW-10	9/11/1996		240	84	5.6	29	58	< 5	55	< 5

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
EW-10	12/10/1996		180	52	< 5	15	39	< 5	65	
EW-10	3/6/1997		170	60	6	27	50	< 2.5	66	< 2.5
EW-10	6/6/1997		120	48	4.4	18	38	< 2.5	46	< 2.5
EW-10	9/10/1997		130	49	5.2	21	34	< 2.5	33	< 2.5
EW-10	12/5/1997		99	37	3.1	15	30	< 2.5	36	< 2.5
EW-10	6/4/1998		83	30	< 2.5	8.22	29	< 2.5	29	< 2.5
EW-10	12/8/1998		60.5	19	< 5	18	19.8	< 5	15.9	< 5
EW-10	6/8/1999		54.9	15.0	1.66	7.51	15.0	< 1.00	13.4	< 1.00
EW-10	12/15/1999		50	11	< 1.3	6	10	< 1.3	9.3	< 1.3
EW-10	12/15/1999	Dup	50	10	< 1.3	6	9	< 1.3	9.8	< 1.3
EW-10	6/8/2000		51	14	1.3	7.8	14	< 0.50	15	< 0.50
EW-10	6/8/2000	Dup	49	14	1.3	8.0	14	< 0.50	15	< 0.50
EW-10	12/5/2000		47	12	1.3	6.0	13	< 1.0	13	< 1.0
EW-10	6/22/2001		52	11	1.4	6.3	13	< 1.0	9.0	< 1.0
EW-10	6/22/2001	Dup	45	8.3	< 2.5	3.0	10	< 2.5	< 10	< 2.5
EW-10	6/26/2003		34	5.3	1.0	3.9	7.5	< 0.50	5.8	< 0.50
EW-10	6/26/2003	Dup	36	5.8	1.4	4.0	8.1	< 0.50	4.0	< 0.50
EW-10	6/22/2005		39	7.5	1.6	7.9	8.4	< 0.50	11	< 0.50
EW-10	6/13/2007		85	540	42	91	160	< 5.0	110	< 5.0
EW-10	6/13/2007	Dup	77	460	37	78	130	< 5.0	98	< 5.0
EW-10	6/12/2008		140	370	28	53	92	< 5.0	110	< 5.0
EW-10	6/12/2008	Dup	160	420	30	62	110	< 10	130	< 10
EW-10	12/10/2008		55	180	24	12	66	< 1.0	56	< 1.0
EW-10	6/11/2009		100	210	13	28	47	< 5.0	58	< 5.0
EW-11	2/1/1993		160	160	< 10	< 50	< 10	3,300	< 10	< 10
EW-11	9/8/1994		200	230	4.7	< 0.5	6.4	3,000	< 0.5	< 0.5
EW-11	12/6/1994		180	120	< 100	< 100	< 100	2,000	< 100	
EW-11	3/7/1995		180	160	< 5		9.8	3,000	< 5	< 5
EW-11	6/8/1995		170	170	< 5		14	3,300	< 5	< 5
EW-11	9/8/1995		280	320	< 50		< 50	3,000	< 50	< 50
EW-11	12/11/1995		150	100	< 5		5.6	1,600	< 5	
EW-11R	11/17/1995		170	120	< 12		< 12	1,000	< 12	< 12
EW-11R	3/7/1996		360	76	< 12	31	< 12	650	< 12	< 12
EW-11R	6/7/1996		200	30	5.1	15	7.4	370	< 5	< 5
EW-11R	9/12/1996		340	67	< 12	74	< 12	1,100	< 12	< 12
EW-11R	12/13/1996		260	49	< 25	47	< 25	1,000	< 25	
EW-11R	3/7/1997		290	56	10	45	38	680	< 10	< 10
EW-11R	6/6/1997		270	53	11	39	55	520	< 10	< 10
EW-11R	9/12/1997		310	75	< 10	30	54	500	< 10	< 10
EW-11R	12/4/1997		210	42	< 10	24	41	340	< 10	< 10
EW-11R	6/3/1998		170	27	< 10	18	38	280	< 10	< 10
EW-11R	12/11/1998		171	34.9	6.45	14.1	44.2	208	< 5	< 5
EW-11R	6/10/1999		150	25.1	< 10.0	16.4	34.1	211	< 10.0	< 10.0
EW-11R	6/10/1999	Dup	156	27.7	< 12.5	17.6	35.7	222	< 12.5	< 12.5
EW-11R	12/15/1999		220	33	5.5	21	43	230	< 2.5	< 2.5
EW-11R	6/9/2000		200	25	< 5.0	14	25	230	< 5.0	< 5.0
EW-11R	6/9/2000	Dup	260	35	< 5.0	22	35	280	< 5.0	< 5.0
EW-11R	12/12/2000		180	26	< 10	13	30	170	< 40	< 10
EW-11R	6/22/2001		230	< 5.0	< 5.0	6.1	5.7	27	< 20	< 5.0
EW-11R	6/27/2002		140	29	3.1	21	20	250	< 2.0	< 2.0
EW-11R	6/27/2002	Dup	140	28	3.1	20	20	230	< 2.0	< 2.0
EW-11R	6/26/2003		130	29	< 2.5	13	11	260	< 2.5	< 2.5
EW-11R	6/22/2004		160	19	< 2.5	15	13	230	< 2.5	< 2.5
EW-11R	6/22/2004	Dup	180	25	3.0	19	18	250	< 2.5	< 2.5
EW-11R	6/29/2005		150	21	< 2.5	22	13	250	< 2.5	< 2.5
EW-11R	6/29/2005	Dup	160	20	< 2.5	21	12	210	< 2.5	< 2.5

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
EW-11R	6/29/2006		150	18	< 2.5	18	10	300	< 2.5	< 2.5
EW-11R	6/19/2007		170	20	< 2.0	19	10	380	2.1	< 2.0
EW-11R	6/19/2007	Dup	160	19	< 2.0	20	11	390	< 2.0	< 2.0
EW-11R	6/10/2008		140	15	< 5.0	16	8.8	360	< 5.0	< 5.0
EW-11R	6/10/2009		150	16	2.1	16	8.2	360	1.4	< 0.50
EW-12	9/12/1996		30	3.4	1.3	2.8	0.84	< 0.5	< 0.5	< 0.5
EW-12	11/19/1996		70	9.2	3.1	7.1	2	< 1	< 1	< 1
EW-12	12/18/1996		63	5.6	< 5	< 5	< 5	< 5	< 5	
EW-12	3/6/1997		41	5.6	1.3	3	1.1	< 0.5	< 0.5	< 0.5
EW-12	8/4/1997		38	5.6	1.2	2.7	0.93	< 0.5	< 0.5	< 0.5
EW-12	9/9/1997		31	3.8	0.9	1.9	0.67	< 0.5	< 0.5	< 0.5
EW-12	12/5/1997		25	3	0.76	1.6	0.59	< 0.5	< 0.5	< 0.5
EW-12	6/4/1998		17	1.4	< 0.5	0.65	< 0.5	< 0.5	< 0.5	< 0.5
EW-12	12/9/1998		18.3	2.23	< 0.5	0.954	< 0.5	< 0.5	< 0.5	< 0.5
EW-12	6/9/1999		13.7	1.12	< 0.500	0.871	< 0.500	< 0.500	< 0.500	< 0.500
EW-12	12/15/1999		15	0.68	< 0.5	0.67	< 0.5	< 0.5	< 0.5	< 0.5
EW-12	6/8/2000		15	0.88	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
EW-12	12/11/2000		14	0.85	< 0.50	0.61	< 0.50	< 0.50	< 2.0	< 0.50
EW-12	6/22/2001		17	1.1	< 0.50	0.78	< 0.50	< 0.50	< 2.0	< 0.50
EW-12	6/27/2002		13	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
EW-12	6/26/2003		8.4	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
EW-12	6/25/2004		10	< 0.50	< 0.50	0.71	< 0.50	< 0.50	< 0.50	< 0.50
EW-12	8/21/2005		11	0.61	< 0.50	0.74	< 0.50	< 0.50	< 0.50	< 0.50
EW-12	7/7/2006		3.3	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
EW-12	6/20/2007		5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
EW-12	6/12/2008		3.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
EW-12	6/16/2009		13	0.70	1.2	1.6	0.84	< 0.50	< 0.50	< 0.50
EW-13	4/30/1993		46	4.4	3.9		1.1	< 0.5	< 0.5	< 0.5
EW-13	6/11/1993		55	4.1	4.2		1.9	< 0.5	< 0.5	< 0.5
EW-13	9/8/1993		71	9.3	8.3	< 1	2.2	< 0.5	< 0.5	< 0.5
EW-13	12/13/1993		62	5.9	5.4		< 5	< 5	< 5	
EW-13	3/3/1994		73	6.2	5		2	< 0.5	< 0.5	< 0.5
EW-13	6/3/1994		36	3.4	3.2		2.3	< 0.5	< 0.5	< 0.5
EW-13	2/8/1995		150	22	7.3		< 5	< 5	< 5	
EW-13	3/6/1995		190	29	6.6		3.8	< 0.5	< 0.5	< 0.5
EW-13	8/16/1995		160	23	< 5	< 5		< 5	< 5	< 5
EW-13	9/8/1995		130	25	4.5		3.2	< 2.5	< 2.5	< 2.5
EW-13	3/5/1997		85	9.4	3.3	7.7	2.3	< 0.5	< 0.5	< 0.5
EW-13	6/4/1997		85	13	4	8.8	2.7	< 1	1.1	< 1
EW-13	9/9/1997		33	5	1.5	3.5	0.95	< 0.5	< 0.5	< 0.5
EW-13	12/5/1997		52	7.6	2.6	6.5	1.6	< 0.5	0.54	< 0.5
EW-13	6/4/1998		51	5.2	< 2.5	4.8	< 2.5	< 2.5	< 2.5	< 2.5
EW-13	12/9/1998		60.1	8.76	< 2.5	5.05	< 2.5	< 2.5	< 2.5	< 2.5
EW-13	6/9/1999		39.6	3.95	1.59	4.14	< 1.00	< 1.00	< 1.00	< 1.00
EW-13	12/15/1999		45	2.8	< 1.3	3.2	< 1.3	< 1.3	< 1.3	< 1.3
EW-13	6/8/2000		43	3.5	1.0	3.8	< 1.0	< 1.0	< 4.0	< 1.0
EW-13	12/11/2000		35	3.0	< 1.0	2.9	< 1.0	< 1.0	< 4.0	< 1.0
EW-13	6/22/2001		38	2.9	< 1.0	3.6	< 1.0	< 1.0	< 4.0	< 1.0
EW-13	6/26/2003		22	1.8	0.81	2.5	< 0.50	< 0.50	< 0.50	< 0.50
EW-13	6/21/2005		23	1.8	1.2	3.0	0.90	< 0.50	< 0.50	< 0.50
EW-13	6/12/2007		22	1.2	2.9	6.3	2.5	< 0.50	< 0.50	< 0.50
EW-13	6/15/2009		22	1.3	3.9	7.3	3.3	< 0.50	< 0.50	< 0.50
EW-14	10/16/1995		24	8.9	< 0.5		0.54	< 0.5	< 0.5	< 0.5
EW-14	12/8/1995		33	7.7	< 5		< 5	< 5	< 5	
EW-14	3/8/1996		260	52	< 5	36	< 5	< 5	< 5	< 5

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
EW-14	6/11/1996		200	32	< 5	25	< 5	< 5	< 5	< 5
EW-14	9/12/1996		170	32	4.4	28	4.1	< 2.5	< 2.5	< 2.5
EW-14	11/19/1996		560	100	16	83	14	< 5	< 5	< 5
EW-14	12/16/1996		320	52	< 10	38	< 10	< 10	< 10	
EW-14	3/5/1997		250	41	< 5	27	6.2	< 5	< 5	< 5
EW-14	6/4/1997		230	41	6.5	27	7.7	< 2.5	< 2.5	< 2.5
EW-14	9/11/1997		270	47	< 5	25	7	< 5	< 5	< 5
EW-14	12/2/1997		220	27	3.4	21	4.5	< 2.5	< 2.5	< 2.5
EW-14	6/4/1998		200	22	< 5	18	< 5	< 5	< 5	< 5
EW-14	12/9/1998		186	23.8	< 5	14	< 5	< 5	< 5	< 5
EW-14	6/9/1999		160	16.7	< 10.0	13.8	< 10.0	< 10.0	< 10.0	< 10.0
EW-14	6/9/1999	Dup	145	14.7	< 10.0	12.4	< 10.0	< 10.0	< 10.0	< 10.0
EW-14	12/15/1999		160	7.5	< 2.5	6.5	< 2.5	< 2.5	< 2.5	< 2.5
EW-14	6/9/2000		190	11	< 2.5	12	< 2.5	< 2.5	< 2.5	< 2.5
EW-14	12/11/2000		140	9.8	< 2.5	8.2	< 2.5	< 2.5	< 10	< 2.5
EW-14	6/22/2001		200	46	< 2.5	22	4.3	< 2.5	< 10	< 2.5
EW-14	6/27/2002		120	7.2	< 2.5	6.5	< 2.5	< 2.5	< 2.5	< 2.5
EW-14	6/26/2003		85	4.8	1.2	5.6	1.3	< 0.50	< 0.50	< 0.50
EW-14	6/25/2004		99	5.2	1.4	5.5	2.1	< 0.50	< 0.50	< 0.50
EW-14	6/21/2005		87	5.0	1.3	6.3	2.2	< 0.50	< 0.50	< 0.50
EW-14	6/28/2006		75	2.0	0.84	2.5	1.4	< 0.50	< 0.50	< 0.50
EW-14	6/28/2006	Dup	80	2.2	0.94	2.7	1.6	< 0.50	< 0.50	< 0.50
EW-15	10/16/1995		63	< 0.5	0.94		12	5	< 0.5	< 0.5
EW-15	12/6/1995		62	< 5	< 5		13	< 5	< 5	
EW-15	3/6/1996		100	< 2.5	< 2.5	< 2.5	9.6	13	< 2.5	< 2.5
EW-15	6/11/1996		85	< 2.5	< 2.5	< 2.5	8	9	< 2.5	< 2.5
EW-15	9/10/1996		33	12	< 2.5	15	9	230	< 2.5	< 2.5
EW-15	12/11/1996		25	6.4	< 5	9.1	14	170	< 5	
EW-15	3/5/1997		21	7.5	< 1.2	10	9	130	< 1.2	< 1.2
EW-15	6/3/1997		3.5	2	< 0.5	2.2	1.2	36	< 0.5	< 0.5
EW-15	9/9/1997		17	10	2.5	11	5	160	< 2.5	< 2.5
EW-15	12/3/1997		15	7.6	< 2.5	8.4	4.5	120	< 2.5	< 2.5
EW-15	6/3/1998		15	5.2	< 2.5	7.6	6.6	110	< 2.5	< 2.5
EW-15	12/8/1998		13.1	< 10	< 10	< 10	< 10	186	< 10	< 10
EW-15	6/9/1999		11.1	< 10.0	< 10.0	< 10.0	< 10.0	152	< 10.0	< 10.0
EW-15	12/15/1999		92	< 5	< 5	8.6	40	290	< 5	< 5
EW-15	6/9/2000		7.4	< 2.5	< 2.5	< 2.5	< 2.5	61	< 10	< 2.5
EW-15	12/11/2000		12	< 5.0	< 5.0	6.2	< 5.0	160	< 20	< 5.0
EW-15	6/22/2001		18	< 5.0	< 5.0	6.1	6.7	180	< 20	< 5.0
EW-15	6/26/2003		13	2.6	< 2.5	4.0	4.9	140	< 2.5	< 2.5
EW-15	6/20/2005		12	2.7	< 1.0	5.7	7.8	150	< 1.0	< 1.0
EW-15	6/18/2007		16	< 0.50	< 0.50	< 0.50	3.4	9.4	< 0.50	< 0.50
EW-15	6/18/2007	Dup	21	< 0.50	0.64	< 0.50	4.3	13	< 0.50	< 0.50
EW-15	6/10/2009		35	< 5.0	< 5.0	< 5.0	16	140	< 5.0	< 5.0
EW-16	10/16/1995		0.86	< 0.5	2.3	< 0.5	0.86	< 0.5	< 0.5	< 0.5
EW-16	12/6/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
EW-16	3/5/1996		0.73	< 0.5	2.7	< 0.5	0.91	< 0.5	< 0.5	< 0.5
EW-16	6/7/1996		1.2	< 0.5	2.7	< 0.5	0.98	< 0.5	< 0.5	< 0.5
EW-16	8/24/1996		85	< 1	1.2	< 1	16	9.4	< 1	< 1
EW-16	10/11/1996		140	4.6	3	12	32	340	< 0.50	< 1
EW-16	3/5/1997		110	< 5	< 5	11	23	270	< 5	< 5
EW-16	6/3/1997		110	6.9	< 5	5.7	42	290	< 5	< 5
EW-16	9/9/1997		91	8.9	< 5	9.1	40	270	< 5	< 5
EW-16	12/3/1997		84	8.4	< 5	9.1	36	250	< 5	< 5
EW-16	6/3/1998		93	< 10	< 10	< 10	21	300	< 10	< 10
EW-16	12/6/1998		84.1	< 10	< 10	< 10	45.9	299	< 10	< 10

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
EW-18	6/9/1999		57.5	< 10.0	< 10.0	< 10.0	82.3	218	< 10.0	< 10.0
EW-16	12/15/1999		11	3.2	< 2.5	8.5	2.5	120	< 2.5	< 2.5
EW-16	6/9/2000		54	< 5.0	< 5.0	< 5.0	20	220	< 20	< 5.0
EW-16	12/11/2000		80	< 5.0	< 5.0	8.3	36	310	< 20	< 5.0
EW-16	6/22/2001		74	< 5.0	< 5.0	6.0	59	270	< 20	< 5.0
EW-16	7/7/2003		58	< 1.0	1.9	1.3	12	140	< 1.0	< 1.0
EW-18	6/20/2005		49	2.8	3.0	8.8	33	270	< 2.0	< 2.0
EW-16	6/19/2007		41	< 2.0	< 2.0	4.3	6.3	100	< 2.0	< 2.0
EW-16	6/10/2009		32	1.4	1.3	3.0	13	110	< 1.0	< 1.0
EW-3	1/7/1991		3.4	7.2	1.9	2		0.2	2.5	0.5
EW-3	2/5/1991		3.3	12	1.3	4.8		0.2	2.2	0.5
F20A	12/17/1990		5	29	15	20		2	10	10
F20A	4/16/1991		< 0.5	38	26		< 0.5	< 0.5	< 0.5	< 0.5
F20A	8/2/1991		1.3	51	30		0.9	< 0.5	< 0.5	< 0.5
F20A	10/14/1991		< 0.5	44	25		< 0.5	< 0.5	< 0.5	< 0.5
F20A	12/4/1991		< 5	56	25			< 5	< 5	
F20A	2/24/1992		< 0.5	31	21		< 0.5	< 0.5	< 0.5	< 0.5
F21A1U	12/18/1990		81	3	4	3		2	10	10
F21A1U	5/3/1991		370	< 1	< 1	< 1	3	< 1	< 1	< 1
F21A1U	5/3/1991	Dup	340	< 1	< 1	< 1	3	< 1	< 1	< 1
F21A1U	7/28/1991		270	< 0.5	< 0.5	< 0.5	2	< 0.5	< 0.5	< 0.5
F21A1U	10/3/1991		200	< 0.5	< 0.5	< 0.5	1.7	< 0.5	< 0.5	< 0.5
F21A1U	12/10/1991		250	< 5	< 5	< 5		< 5	< 5	
F21A1U	3/11/1992		290	0.5	< 0.5	< 0.5	2.3	< 0.5	< 0.5	< 0.5
F21A1U	8/11/1992		410	< 1	< 1	< 1	2	< 1	< 1	< 1
F21A1U	9/15/1992		260	< 0.5	< 0.5	< 0.5	1.9	< 0.5	< 0.5	< 0.5
F21A1U	12/7/1992		210	< 5	< 5	< 5		< 5	< 5	
F21A1U	3/8/1993		560	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
F21A1U	6/2/1993		360	< 1	< 1	< 1	< 1	< 1	< 1	< 1
F21A1U	9/8/1993		190	0.93	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F21A1U	12/7/1993		140	< 5	< 5	< 5	< 5	< 5	< 5	
F21A1U	3/2/1994		110	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F21A1U	6/7/1994		52	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F21A1U	9/2/1994		33	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F21A1U	12/7/1994		29	< 5	< 5	< 5	< 5	< 5	< 5	
F21A1U	3/2/1995		21	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F21A1U	8/8/1995		19	< 1	< 1	< 1	< 1	< 1	< 1	< 1
F21A1U	11/9/1995		11	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F21A1U	12/8/1995		14	< 5	< 5	< 5	< 5	< 5	< 5	
F21A1U	12/8/1995	Dup	14	< 5	< 5	< 5	< 5	< 5	< 5	
F21A1U	3/8/1996		46	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F21A1U	6/6/1996		36	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F21A1U	9/12/1996		18	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F21A1U	12/12/1996		12	< 5	< 5	< 5	< 5	< 5	< 5	
F21A1U	3/5/1997		15	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F21A1U	6/5/1997		22	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F21A1U	9/11/1997		31	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F21A1U	12/4/1997		44	< 0.5	< 0.5	< 0.5	0.51	< 0.5	< 0.5	< 0.5
F21A1U	12/10/1998		95.3	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
F21A1U	12/13/1999		81.2	< 5	< 5	< 5	< 5	< 5	< 5	< 5
F21A1U	12/7/2000		150	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 10	< 2.5
F21A1U	8/20/2001		94	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 4.0	< 1.0
F21A1U	6/20/2001	Dup	90	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 4.0	< 1.0
F21A1U	6/24/2003		100	< 1.0	< 1.0	< 1.0	5.1	< 1.0	< 1.0	< 1.0
F21A1U	6/24/2003	Dup	110	< 2.5	< 2.5	< 2.5	6.5	< 2.5	< 2.5	< 2.5

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

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640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F21A1U	6/21/2005		67	< 0.50	< 0.50	< 0.50	3.4	< 0.50	< 0.50	< 0.50
F21A1U	7/5/2007		24	< 0.50	< 0.50	< 0.50	1.9	< 0.50	< 0.50	< 0.50
F21A1U	6/26/2008		70	< 0.50	< 0.50	< 0.50	3.1	< 0.50	< 0.50	< 0.50
F21A1U	6/11/2009		88	< 0.50	< 0.50	< 0.50	3.6	< 0.50	< 0.50	< 0.50
F22A1U	12/7/1990		92	3	4	3		2	10	0.5
F22A1U	4/17/1991		91	1.4	< 1		4.6	< 1	< 1	< 1
F22A1U	4/17/1991	Dup		1.4	0.8	2.7		0.2	1	1
F22A1U	4/17/1991	Dup	120	1.4	0.8	2.7		0.2	1	1
F22A1U	7/25/1991		190	2.2	0.8	< 2.5	7.7	< 0.5	< 0.5	< 0.5
F22A1U	7/25/1991	Dup	210	2.2	0.9	< 2.5	7.4	< 0.5	< 0.5	< 0.5
F22A1U	10/3/1991		230	4.9	1.2	< 2.5	9.5	< 0.5	< 0.5	< 0.5
F22A1U	12/5/1991		320	< 5	< 5	< 5		< 5	< 5	
F22A1U	3/9/1992		220	3	1.3	< 2.5	10	< 0.5	< 0.5	< 0.5
F22A1U	6/5/1992		350	2.3	0.8	< 5	10	< 0.5	< 0.5	< 0.5
F22A1U	9/23/1992		520	4.4	< 1	< 5	6.8	< 1	< 1	< 1
F22A1U	12/4/1992		430	< 5	< 5	< 5	< 5	< 5	< 5	
F22A1U	3/10/1993		420	2.4	< 1	< 1	5	< 1	< 1	< 1
F22A1U	6/2/1993		110	< 0.5	< 0.5	< 0.5	0.6	< 0.5	< 0.5	< 0.5
F22A1U	9/8/1993		110	0.63	< 0.5	< 0.5	0.93	< 0.5	< 0.5	< 0.5
F22A1U	12/7/1993		130	< 5	< 5	< 5	< 5	< 5	< 5	
F22A1U	3/7/1994		87	0.66	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F22A1U	6/13/1994		47	0.76	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F22A1U	9/2/1994		36	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F22A1U	12/13/1994		32	< 5	< 5	< 5	< 5	< 5	< 5	
F22A1U	3/6/1995		29	1.1	< 0.5	< 0.5	1.3	< 0.5	< 0.5	< 0.5
F22A1U	6/7/1995		28	< 0.5	< 0.5	< 0.5	0.74	< 0.5	< 0.5	< 0.5
F22A1U	9/6/1995		26	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
F22A1U	12/7/1995		17	< 5	< 5	< 5	< 5	< 5	< 5	
F22A1U	3/6/1996		41	< 0.5	< 0.5	< 0.5	0.59	< 0.5	< 0.5	< 0.5
F22A1U	6/6/1996		32	< 0.5	< 0.5	< 0.5	0.51	< 0.5	< 0.5	< 0.5
F22A1U	9/11/1996		26	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F22A1U	12/12/1996		19	< 5	< 5	< 5	< 5	< 5	< 5	
F22A1U	3/5/1997		23	1.2	< 0.5	< 0.5	0.74	< 0.5	< 0.5	< 0.5
F22A1U	3/5/1997	Dup	22	1.3	< 0.5	< 0.5	0.66	< 0.5	< 0.5	< 0.5
F22A1U	6/5/1997		33	1.5	< 0.5	< 0.5	0.6	< 0.5	< 0.5	< 0.5
F22A1U	9/11/1997		120	3.6	< 1	< 1	2.5	< 1	< 1	< 1
F22A1U	9/11/1997	Dup	120	1.6	< 1	< 1	2.5	< 1	< 1	< 1
F22A1U	12/9/1997		120	1.6	< 0.5	< 0.5	2.3	< 0.5	< 0.5	< 0.5
F22A1U	12/11/1996		156	< 5	< 5	< 5	5.67	< 5	< 5	< 5
F22A1U	12/13/1999		191	< 10	< 10	< 10	< 10	< 10	< 10	< 10
F22A1U	12/7/2000		180	3.1	< 2.5	< 2.5	8.6	< 2.5	< 10	< 2.5
F22A1U	6/20/2001		220	< 5.0	< 5.0	< 5.0	9.7	< 5.0	< 20	< 5.0
F22A1U	6/25/2003		160	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
F22A1U	6/21/2005		200	4.7	< 2.0	< 2.0	9.9	< 2.0	< 2.0	< 2.0
F22A1U	7/5/2007		280	< 5.0	< 5.0	< 5.0	12	< 5.0	< 5.0	< 5.0
F22A1U	6/26/2008		240	< 2.0	< 2.0	< 2.0	8.7	< 2.0	< 2.0	< 2.0
F22A1U	6/11/2009		240	< 2.5	< 2.5	< 2.5	6.4	< 2.5	< 2.5	< 2.5
F23A	12/7/1990		0.5	20	22	10		0.2	1	0.5
F23A	4/9/1991		< 0.5	11	16		< 0.5	< 0.5	< 0.5	< 0.5
F23A	7/23/1991		< 0.5	13	12		< 0.5	< 0.5	< 0.5	< 0.5
F23A	10/3/1991		< 0.5	15	13		< 0.5	< 0.5	< 0.5	< 0.5
F23A	12/4/1991		< 5	< 5	16	< 5		< 5	< 5	
F23A	3/9/1992		2.3	8.5	15		< 0.5	< 0.5	< 0.5	< 0.5
F23A	6/3/1992		4.4	7.5	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5
F23A	9/18/1992		0.9	5.2	6.4		< 0.5	< 0.5	< 0.5	< 0.5
F23A	12/4/1992		15	< 5	9	< 5	< 5	< 5	< 5	

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F23A	3/4/1993		8.4	8.5	14		< 0.5	< 0.5	< 0.5	< 0.5
F23A	6/2/1993		38	1.7	1.9	< 0.5	0.5	< 0.5	< 0.5	< 0.5
F23A	9/7/1993		46	1.3	1.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F23A	12/2/1993		20	< 5	7.7	< 5	< 5	< 5	< 5	
F23A	3/8/1994		34	3.9	5.5		0.56	< 0.5	< 0.5	< 0.5
F23A	6/13/1994		64	1.3	2.4	< 0.5	1	< 0.5	< 0.5	< 0.5
F23A	9/8/1994		91	0.95	1.9	< 0.5	1.6	< 0.5	< 0.5	< 0.5
F23A	12/12/1994		19	5.2	12	< 5	< 5	< 5	< 5	
F23A	3/6/1995		22	2.9	5.4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F23A	6/7/1995		190	< 0.5	< 0.5	< 0.5	2.5	< 0.5	< 0.5	< 0.5
F23A	11/9/1995		59	2	4.3		1.2	< 0.5	< 0.5	< 0.5
F23A	12/8/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F23A	3/6/1996		13	1.7	2.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F23A	6/11/1996		110	2.6	6.4	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
F23A	9/12/1996		110	2	4.4	< 1.2	2.1	< 1.2	< 1.2	< 1.2
F23A	12/12/1996		22	< 5	7.7	< 5	< 5	< 5	< 5	
F23A	3/6/1997		58	1.1	2.9	< 0.5	1.2	< 0.5	< 0.5	< 0.5
F23A	3/6/1997	Dup	58	1.2	2.9	< 0.5	1.3	< 0.5	< 0.5	< 0.5
F23A	6/5/1997		140	1.3	1.1	< 0.5	2.9	< 0.5	< 0.5	< 0.5
F23A	9/11/1997		62	2.1	3.4	0.76	2.3	< 0.5	< 0.5	< 0.5
F23A	12/4/1997		77	1.7	2.4	< 1	2.3	< 1	< 1	< 1
F23A	6/2/1998		97	< 10	< 10	< 10	< 10	< 10	< 10	< 10
F23A	12/11/1998		139	11.8	< 5	< 5	< 5	< 5	< 5	< 5
F23A	12/11/1998	Dup	122	< 2.5	2.51	< 2.5	2.67	< 2.5	< 2.5	< 2.5
F23A	6/10/1999		97.4	6.59	< 5.00	< 5.00	5.12	< 5.00	< 5.00	< 5.00
F23A	12/13/1999		17.8	30.4	10.8	13.7	28.6	< 0.5	2.32	< 0.5
F23A	6/6/2000		97	6.9	1.6	1.5	4.9	< 1.0	< 1.0	< 1.0
F23A	6/6/2000	Dup	110	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
F23A	12/7/2000		45	9.0	3.7	2.5	7.9	< 1.0	< 4.0	< 1.0
F23A	6/20/2001		57	49	8.6	15	30	< 1.0	8.4	< 1.0
F23A	6/24/2003		43	14	2.4	3.1	5.7	< 0.50	3.8	< 0.50
F23A	6/23/2005		48	58	8.8	21	37	< 0.50	30	< 0.50
F29A1U	12/17/1990		94	29	5.5	17		2	10	10
F29A1U	4/9/1991		160	32	9	< 5	50	< 0.5	< 0.5	< 0.5
F29A1U	7/30/1991		67	11	1.3		12	< 0.5	< 0.5	< 0.5
F29A1U	12/10/1991		23	< 5	< 5	< 5		< 5	< 5	
F29A1U	6/9/1992		16	2.1	< 0.5	< 0.5	0.5	< 0.5	< 0.5	< 0.5
F29A1U	12/15/1992		5	< 5	< 5	< 5		< 5	< 5	
F29A1U	6/2/1993		2.7	1.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F29A1U	12/2/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F29A1U	6/6/1994		5.2	1.4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F29A1U	12/5/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F29A1U	6/6/1995		13	4.3	1.1		12	< 0.5	< 0.5	< 0.5
F29A1U	12/7/1995		8.9	< 5	< 5	< 5	9.3	< 5	< 5	
F29A1U	6/10/1996		7.1	3.1	< 0.5	< 0.5	3.8	< 0.5	< 0.5	< 0.5
F29A1U	6/10/1996	Dup	6.7	3.1	< 0.5	< 0.5	3.5	< 0.5	< 0.5	< 0.5
F29A1U	12/12/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F29A1U	12/12/1996	Dup	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F29A1U	12/2/1997		4.3	1.6	< 0.5	< 0.5	1.4	< 0.5	< 0.5	< 0.5
F29A1U	12/8/1999		1.2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5
F29A1U	6/21/2007		26	1.1	< 0.50	< 0.50	0.55	< 0.50	< 0.50	< 0.50
F29A1U	6/28/2008		24	0.81	< 0.50	< 0.50	0.52	< 0.50	< 0.50	< 0.50
F29A1U	6/11/2009		18	0.54	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F30A1U	2/7/1991		40	3.1	0.4	3.1		0.2	1	1
F30A1U	4/19/1991		50	5	< 1	1	< 1	< 1	< 1	< 1
F30A1U	7/30/1991		50	4.8	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F30A1U	7/30/1991	Dup	52	4.7	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5
F30A1U	11/5/1991		48	5.4	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5
F30A1U	12/13/1991		55	< 5	< 5	< 5		< 5	< 5	
F30A1U	3/10/1992		44	3.6	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5
F30A1U	6/11/1992		48	3.3	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5
F30A1U	9/22/1992		37	2.2	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5
F30A1U	12/9/1992		46	< 5	< 5	< 5	< 5	< 5	< 5	
F30A1U	3/4/1993		24	1.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F30A1U	6/15/1993		27	1.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F30A1U	6/15/1993	Dup	27	1.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F30A1U	9/14/1993		25	1.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F30A1U	12/13/1993		29	< 5	< 5	< 5	< 5	< 5	< 5	
F30A1U	3/9/1994		12	0.72	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F30A1U	6/7/1994		23	1.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F30A1U	12/9/1994		16	< 5	< 5	< 5	< 5	< 5	< 5	
F30A1U	3/6/1995		9.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F30A1U	6/8/1995		3.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F30A1U	9/6/1995		6.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F30A1U	12/6/1995		7.6	< 5	< 5	< 5	< 5	< 5	< 5	
F30A1U	3/5/1996		8.7	1.2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F30A1U	6/6/1996		5.2	1.2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F30A1U	9/10/1996		6.1	0.76	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F30A1U	12/11/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F31A	2/7/1991		0.5	0.3	0.4	0.3		0.2	1	1
F31A	4/19/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F31A	7/23/1991		42	1.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F31A	11/5/1991		0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F31A	12/13/1991		6	< 5	< 5	< 5		< 5	< 5	
F31A	3/11/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F31A	6/11/1992		27	0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F31A	9/22/1992		25	0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F31A	12/9/1992		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F31A	3/4/1993		11	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F31A	6/15/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F31A	9/14/1993		0.83	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F31A	9/14/1993	Dup	1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F31A	12/13/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F31A	3/9/1994		1.4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F31A	6/7/1994		10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F31A	12/9/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F31A	6/6/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F32A	12/12/1990		14	20	5	6.5		2	10	0.5
F32A	4/9/1991		53	43	10		61	< 0.5	< 0.5	< 0.5
F32A	4/9/1991	Dup	83	60	13	< 1	79	< 0.5	< 0.5	< 0.5
F32A	7/30/1991		93	69	13	< 1	99	< 0.5	< 0.5	< 0.5
F32A	11/12/1991		130	100	12	< 2.5	110	< 0.5	0.6	< 0.5
F32A	12/13/1991		130	100	15			< 5	< 5	
F32A	3/11/1992		86	74	9.8	< 2.5	84	< 0.5	1.1	< 0.5
F32A	6/3/1992		120	84	10	< 2.5	90	< 0.5	1.1	< 0.5
F32A	9/15/1992		160	99	6.1	< 2.5	85	< 0.5	1.8	< 0.5
F32A	12/11/1992		170	86	8.1		95	< 5	< 5	
F32A	3/5/1993		68	55	7.6	< 2.5	50	< 0.5	< 0.5	< 0.5
F32A	6/11/1993		80	40	5.6	< 2.5	51	< 0.5	< 0.5	< 0.5
F32A	9/10/1993		58	31	6.1	< 2.5	40	< 0.5	< 0.5	< 0.5
F32A	12/8/1993		59	24	5.5		42	< 5	< 5	
F32A	3/4/1994		68	36	7.6		47	< 0.5	0.8	< 0.5

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F32A	6/6/1994		97	42	8		57	< 0.5	0.92	< 0.5
F32A	12/6/1994		170	40	7.3		54	< 5	< 5	
F32A	4/10/1995									< 0.5
F32A	6/8/1995		130	31	5		38	< 0.5	1	< 0.5
F32A	12/7/1995		130	25	5.6		39	< 5	< 5	
F32A	6/11/1996		77	14	2.6	3.7	20	< 2.5	< 2.5	< 2.5
F32A	12/12/1996		51	8.1	< 5	< 5	16	< 5	< 5	
F32A	12/2/1997		37	4.7	2	1.5	11	< 0.5	< 0.5	< 0.5
F32A	12/8/1998		23.2	1.61	1.15	0.939	6.97	< 0.5	< 0.5	< 0.5
F32A	12/8/1999		16	< 0.5	0.501	< 0.5	3.46	< 0.5	< 1	< 0.5
F32A	12/7/2000		130	5.2	< 2.5	< 2.5	9.9	< 2.5	< 10	< 2.5
F32A	12/7/2000	Dup	120	4.8	< 2.5	< 2.5	9.1	< 2.5	< 10	< 2.5
F32A	6/21/2001		55	2.4	1.6	0.54	6.9	< 0.50	< 2.0	< 0.50
F32A	6/27/2003		28	0.83	0.90	0.52	2.9	< 0.50	< 0.50	< 0.50
F32A	6/21/2005		7.1	< 0.50	< 0.50	< 0.50	0.51	< 0.50	< 0.50	< 0.50
F32A	6/14/2007		130	4.8	1.2	2.0	7.9	< 1.0	< 1.0	< 1.0
F32A	6/15/2009		33	1.1	< 0.50	< 0.50	1.6	< 0.50	< 0.50	< 0.50
F33B	12/12/1990		0.5	0.3	0.4	0.3		0.2	1	0.5
F33B	4/9/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F33B	7/30/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F33B	10/9/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F33B	12/13/1991		< 5	< 5	< 5	< 5		< 5	< 5	
F33B	3/11/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F33B	6/3/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F33B	9/15/1992		1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F33B	12/14/1992		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F33B	6/11/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F33B	12/8/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F33B	12/8/1993	Dup	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F33B	6/6/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F33B	12/6/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F33B	2/1/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F33B	12/5/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F33B	12/10/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F33B	12/2/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.63	< 0.5	< 0.5
F33B	12/8/1999		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5
F33B	6/21/2001		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F33B	6/26/2003		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F33B	6/21/2005		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F33B	6/14/2007		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F33B	6/15/2009		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F34A	12/17/1990		16	0.5	0.4	0.3		0.2	1	1
F34A	12/17/1990	Dup	19	0.6	0.4	0.3		0.2	1	1
F34A	4/9/1991		9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F34A	7/31/1991		29	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F34A	11/12/1991		120	2.9	< 0.5	< 0.5	1	< 0.5	< 0.5	< 0.5
F34A	12/13/1991		73	< 5	< 5	< 5		< 5	< 5	
F34A	3/8/1992		71	1.2	< 0.5	< 0.5	0.9	< 0.5	< 0.5	< 0.5
F34A	6/5/1992		59	0.5	< 0.5	< 0.5	0.6	< 0.5	< 0.5	< 0.5
F34A	6/5/1992	Dup	67	0.5	< 0.5	< 0.5	0.7	< 0.5	< 0.5	< 0.5
F34A	9/15/1992		54	1.1	< 0.5	< 0.5	0.5	< 0.5	< 0.5	< 0.5
F34A	12/8/1992		130	< 5	< 5	< 5	< 5	< 5	< 5	
F34A	3/4/1993		70	1	< 0.5	< 0.5	0.5	< 0.5	< 0.5	< 0.5
F34A	6/14/1993		110	4.2	< 0.5	< 0.5	1.4	4.2	< 0.5	< 0.5
F34A	9/10/1993		110	2.5	0.55	< 0.5	1	< 0.5	< 0.5	< 0.5
F34A	12/2/1993		24	< 5	< 5	< 5	< 5	< 5	< 5	

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F34A	3/3/1994		90	0.92	< 0.5	< 0.5	0.6	< 0.5	< 0.5	< 0.5
F34A	6/9/1994		70	1.1	< 0.5	< 0.5	0.67	< 0.5	< 0.5	< 0.5
F34A	9/6/1994		58	1.2	< 0.5	< 0.5	0.76	< 0.5	< 0.5	< 0.5
F34A	12/8/1994		81	< 5	< 5	< 5	< 5	< 5	< 5	
F34A	12/8/1994	Dup	78	< 5	< 5	< 5	< 5	< 5	< 5	
F34A	3/6/1995		59	0.75	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F34A	6/8/1995		14	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F34A	6/8/1995	Dup	16	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F34A	9/6/1995		22	0.59	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F34A	12/7/1995		35	< 5	< 5	< 5	< 5	< 5	< 5	
F34A	3/5/1996		6.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F34A	6/5/1996		7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F34A	9/11/1996		20	< 0.5	< 0.5	< 0.5	0.65	< 0.5	< 0.5	< 0.5
F34A	12/11/1996		13	< 5	< 5	< 5	< 5	< 5	< 5	
F34A	12/11/1996	Dup	18	< 5	< 5	< 5	< 5	< 5	< 5	
F34A	6/4/1997		6.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F34A	12/2/1997		16	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F34A	12/2/1997	Dup	16	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F34A	12/8/1998		7.64	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F34A	12/8/1999		62.9	< 1.25	< 1.25	< 1.25	< 1.25	< 1.25	< 2.5	< 1.25
F34A	12/7/2000		27	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 4.0	< 1.0
F34A	6/21/2001		56	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 4.0	< 1.0
F34A	6/27/2002		10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F34A	6/27/2003		16	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F34A	6/23/2004		48	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F34A	6/23/2004	Dup	50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F34A	6/21/2005		58	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F34A	6/27/2006		47	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F34A	6/18/2007		51	< 0.50	< 0.50	< 0.50	0.54	< 0.50	< 0.50	< 0.50
F34A	6/11/2006		47	< 0.50	< 0.50	< 0.50	0.56	< 0.50	< 0.50	< 0.50
F34A	6/15/2009		41	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F35B	2/8/1991		0.5	0.3	0.4	0.3		0.2	1	1
F35B	4/9/1991		4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F35B	7/31/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F35B	7/31/1991	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F35B	10/9/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F35B	12/13/1991		< 5	< 5	< 5	< 5		< 5	< 5	
F35B	3/6/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F35B	6/5/1992		0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F35B	9/15/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F35B	12/8/1992		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F35B	3/4/1993		0.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F35B	6/15/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F35B	9/10/1993		1.2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F35B	12/2/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F35B	3/3/1994		0.69	3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F35B	6/9/1994		0.97	1.4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F35B	6/9/1994	Dup	1	1.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F35B	12/8/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F35B	6/6/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F35B	12/4/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F35B	6/4/1996		1.2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F35B	12/10/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F36A	2/7/1991		5.9	0.3	0.4	0.3		0.8	1	1
F36A	4/17/1991		13	< 0.5	< 0.5	< 0.5	0.5	< 0.5	< 0.5	< 0.5
F36A	4/17/1991	Dup	13	< 0.5	< 0.5	< 0.5	0.5	< 0.5	< 0.5	< 0.5

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F36A	7/29/1991		17	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F36A	10/14/1991		16	< 0.5	< 0.5	< 0.5	0.8	< 0.5	< 0.5	< 0.5
F36A	12/11/1991		19	< 5	< 5	< 5		< 5	< 5	
F36A	3/6/1992		17	< 0.5	< 0.5	< 0.5	0.8	< 0.5	< 0.5	< 0.5
F36A	6/10/1992		16	< 0.5	< 0.5	< 0.5	0.5	< 0.5	< 0.5	< 0.5
F36A	6/10/1992	Dup	15	< 0.5	< 0.5	< 0.5	0.6	< 0.5	< 0.5	< 0.5
F36A	10/13/1992		12	< 0.5	< 0.5	< 0.5	0.9	< 0.5	< 0.5	< 0.5
F36A	12/4/1992		14	< 5	< 5	< 5	< 5	< 5	< 5	
F36A	3/5/1993		17	< 0.5	< 0.5	< 0.5	0.6	< 0.5	< 0.5	< 0.5
F36A	6/10/1993		12	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F36A	9/9/1993		15	< 0.5	< 0.5	< 0.5	0.73	< 0.5	< 0.5	< 0.5
F36A	12/9/1993		13	< 5	< 5	< 5	< 5	< 5	< 5	
F36A	3/3/1994		17	< 0.5	< 0.5	< 0.5	0.52	< 0.5	< 0.5	< 0.5
F36A	6/8/1994		15	< 0.5	< 0.5	< 0.5	3.6	< 0.5	< 0.5	< 0.5
F36A	9/6/1994		16	< 0.5	< 0.5	< 0.5	0.6	< 0.5	< 0.5	< 0.5
F36A	12/5/1994		14	< 5	< 5	< 5	< 5	< 5	< 5	
F36A	12/5/1994	Dup	15	< 5	< 5	< 5	< 5	< 5	< 5	
F36A	3/2/1995		9.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F36A	6/7/1995		17	< 0.5	0.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F36A	9/6/1995		21	< 0.5	1.6		0.5	< 0.5	< 0.5	< 0.5
F36A	12/7/1995		15	< 5	< 5	< 5	< 5	< 5	< 5	
F36A	3/5/1996		17	< 0.5	1.4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F36A	6/5/1996		11	< 0.5	1.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F36A	9/11/1996		15	0.91	2.6	1.5	0.77	< 0.5	< 0.5	< 0.5
F36A	12/11/1996		10	< 5	< 5	< 5	< 5	< 5	< 5	
F36A	3/5/1997		11	0.54	1.9	0.58	< 0.5	< 0.5	< 0.5	< 0.5
F36A	6/4/1997		14	0.72	2.5	0.96	1.3	< 0.5	< 0.5	< 0.5
F36A	9/10/1997		13	0.7	1.4	< 0.5	1.1	< 0.5	< 0.5	< 0.5
F36A	12/5/1997		11	< 0.5	0.6	< 0.5	0.5	< 0.5	< 0.5	< 0.5
F36A	12/8/1998		7.79	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F36A	12/8/1999		5.44	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5
F36A	12/7/2000		7.6	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F36A	6/20/2001		6.6	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F36A	6/24/2003		4.6	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F36A	7/23/2003		5.6	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F36A	6/21/2005		6.6	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F36A	6/20/2007		5.1	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F36A	6/11/2009		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F37A	12/11/1990		0.5	0.3	0.4	0.3		0.2	1	0.5
F37A	12/11/1990	Dup	0.5	0.3	0.4	0.3	5	0.2	1	0.5
F37A	4/9/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F37A	8/1/1991		0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F37A	10/31/1991		0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F37A	12/11/1991		< 5	< 5	< 5	< 5		< 5	< 5	
F37A	3/11/1992		0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F37A	6/15/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F37A	9/16/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F37A	12/8/1992		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F37A	6/10/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F37A	12/6/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F37A	6/9/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F37A	12/5/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F37A	6/2/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F37A	12/4/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F37A	6/4/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F37A	12/10/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F37A	12/2/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F37A	12/8/1999		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5
F38A	2/6/1991		19	0.7	0.4	0.3		0.2	1	1
F38A	4/22/1991		81	6	2	< 3	1	< 0.5	< 0.5	< 0.5
F38A	7/23/1991		83	2.1	0.5	< 0.5	1.2	< 0.5	< 0.5	< 0.5
F38A	11/4/1991		7.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F38A	12/5/1991		67	< 5	< 5	< 5		< 5	< 5	
F38A	3/12/1992		5.4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F38A	6/12/1992		33	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F38A	6/12/1992	Dup	31	0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F38A	10/12/1992		59	2.1	< 0.5	< 0.5	2.3	< 0.5	< 0.5	< 0.5
F38A	12/9/1992		74	< 5	< 5	< 5	< 5	< 5	< 5	
F38A	3/5/1993		58	2	0.7	< 2.5	1.5	< 0.5	< 0.5	< 0.5
F38A	6/2/1993		23	0.6	< 0.5	< 0.5	< 0.5	< 0.5	0.9	< 0.5
F38A	9/10/1993		16	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F38A	12/3/1993		9.3	< 5	< 5	< 5	< 5	< 5	< 5	
F38A	12/3/1993	Dup	9.1	< 5	< 5	< 5	< 5	< 5	< 5	
F38A	3/8/1994		22	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5
F38A	6/6/1994		8.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F38A	12/7/1994		18	< 5	< 5	< 5	< 5	< 5	< 5	
F38A	8/6/1995		56	0.55	< 0.5		0.73	< 0.5	< 0.5	< 0.5
F38A	12/8/1995		18	< 5	< 5	< 5	< 5	< 5	< 5	
F38A	6/6/1996		160	4.9	< 2.5	3.4	2.6	< 2.5	< 2.5	< 2.5
F38A	12/11/1996		31	< 5	< 5	< 5	< 5	< 5	< 5	
F38A	6/5/1997		36	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
F38A	6/5/1997	Dup	33	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
F38A	12/8/1997		12	< 0.5	< 0.5	0.73	< 0.5	< 0.5	< 0.5	< 0.5
F38A	6/4/1998		24	< 0.5	0.92	< 0.5	0.95	< 0.5	< 0.5	< 0.5
F38A	12/10/1998		15.8	< 0.5	< 0.5	0.644	< 0.5	< 0.5	< 0.5	< 0.5
F38A	6/10/1999		6.02	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500
F38A	12/8/1999		2.59	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5
F38A	6/8/2000		19	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F38A	12/7/2000		32	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F38A	6/20/2001		5.6	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F38A	6/28/2002		14	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F38A	6/24/2003		23	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F38A	6/23/2004		34	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F38A	6/21/2005		0.65	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F38A	6/27/2006		0.68	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F38A	6/20/2007		4.4	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F38A	6/20/2007		6.9	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F38A	6/20/2007	Dup	4.4	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F38A	6/11/2008		0.52	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F38A	6/15/2009		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F38A	6/15/2009	Dup	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F39A	12/14/1990		82	32	4	3.5		2	3.8	10
F39A	4/9/1991		40	6	2		12	< 0.5	< 0.5	< 0.5
F39A	7/30/1991		54	18	< 0.5	< 0.5	18	< 0.5	< 0.5	< 0.5
F39A	11/4/1991		12	2.6	< 0.5		3	< 0.5	< 0.5	< 0.5
F39A	11/4/1991	Dup	11	2.4	< 0.5		2.7	< 0.5	< 0.5	< 0.5
F39A	12/5/1991		220	74	8.9	< 10		< 5	8.3	
F39A	12/16/1991		160	63	7.9			< 5	< 5	
F39A	3/4/1992		10	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F39A	6/3/1992		180	41	9.5		58	< 0.5	3.7	< 0.5
F39A	9/22/1992		37	9.8	2.5		18	< 0.5	< 0.5	< 0.5
F39A	12/4/1992		10	< 5	< 5	< 5	< 5	< 5	< 5	
F39A	3/10/1993		9	3	0.5		2.3	< 0.5	< 0.5	< 0.5

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F39A	3/10/1993	Dup	9.3	3.1	0.5		2.6	< 0.5	< 0.5	< 0.5
F39A	6/2/1993		3.8	1.7	< 0.5	< 0.5	1.2	< 0.5	< 0.5	< 0.5
F39A	9/8/1993		8	3.1	0.64		2.2	< 0.5	< 0.5	< 0.5
F39A	12/8/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F39A	3/7/1994		10	2.8	< 0.5		3.1	< 0.5	< 0.5	< 0.5
F39A	6/8/1994		22	4	0.69		4.1	< 0.5	< 0.5	< 0.5
F39A	9/6/1994		2.8	0.75	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F39A	12/6/1994		68	8.5	< 5	< 5	12	< 5	< 5	
F39A	3/2/1995		3.8	0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F39A	6/7/1995		5.6	1.2	< 0.5	< 0.5	0.65	< 0.5	< 0.5	< 0.5
F39A	9/5/1995		48	5.2	1.2		6.77	< 0.5	< 0.5	< 0.5
F39A	9/5/1995	Dup	47	5.1	1.2		6.52	< 0.5	< 0.5	< 0.5
F39A	12/6/1995		22	< 5	< 5	< 5	< 5	< 5	< 5	
F39A	4/4/1996		5.7	1.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F39A	6/5/1996		75	8.4	1.3	< 1	7.7	< 1	1	< 1
F39A	6/5/1996	Dup	92	11	< 2.5	< 2.5	8.3	< 2.5	< 2.5	< 2.5
F39A	9/11/1996		58	2.7	< 2.5	< 2.5	6	< 2.5	< 2.5	< 2.5
F39A	9/11/1996	Dup	56	< 2.5	< 2.5	< 2.5	5.8	< 2.5	< 2.5	< 2.5
F39A	12/11/1996		28	< 5	< 5	< 5	< 5	< 5	< 5	
F40A	12/11/1990		35	8.3	4	3		2	10	0.5
F40A	4/9/1991		790	15	< 0.5	< 10	9	< 0.5	< 0.5	< 0.5
F40A	7/29/1991		13	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F40A	11/12/1991		200	5.1	< 0.5	< 0.5	3.7	< 0.5	< 0.5	< 0.5
F40A	11/12/1991	Dup	200	6.2	< 0.5	< 0.5	4.8	< 0.5	< 0.5	< 0.5
F40A	12/13/1991		19	< 5	< 5	< 5		< 5	< 5	
F40A	3/10/1992		22	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F40A	6/11/1992		5.2	0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F40A	9/17/1992		870	17	< 5	< 5	12	< 5	< 5	< 5
F40A	12/9/1992		960	17	< 5	< 25	21	< 5	< 5	
F40A	3/5/1993		36	1	< 0.5	< 0.5	0.5	< 0.5	< 0.5	< 0.5
F40A	6/10/1993		10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F40A	9/10/1993		410	9.3	< 1	< 5	16	< 1	< 1	< 1
F40A	9/10/1993	Dup	410	8.2	< 1	< 5	15	< 1	< 1	< 1
F40A	12/3/1993		70	< 5	< 5	< 5	< 5	< 5	< 5	
F40A	3/9/1994		24	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F40A	6/9/1994		45	0.63	< 0.5	< 0.5	0.78	< 0.5	< 0.5	< 0.5
F40A	6/9/1994	Dup	47	0.64	< 0.5	< 0.5	0.79	< 0.5	< 0.5	< 0.5
F40A	9/7/1994		20	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F40A	12/7/1994		14	< 5	< 5	< 5	< 5	< 5	< 5	
F40A	12/7/1994	Dup	14	< 5	< 5	< 5	< 5	< 5	< 5	
F40A	3/7/1995		48	< 0.5	< 0.5	< 0.5	0.63	< 0.5	< 0.5	< 0.5
F40A	3/7/1995	Dup	45	< 0.5	< 0.5	< 0.5	0.55	< 0.5	< 0.5	< 0.5
F40A	6/7/1995		56	< 0.5	< 0.5	< 0.5	1.3	< 0.5	< 0.5	< 0.5
F40A	9/6/1995		60	< 0.5	< 0.5		4.1	< 0.5	< 0.5	< 0.5
F40A	12/8/1995		43	< 5	< 5	< 5	< 5	< 5	< 5	
F40A	3/6/1996		52	< 0.5	< 0.5	< 0.5	3.5	< 0.5	< 0.5	< 0.5
F40A	6/5/1996		88	< 2.5	< 2.5	< 2.5	4.6	< 2.5	< 2.5	< 2.5
F40A	9/11/1996		67	< 2.5	< 2.5	< 2.5	2.8	< 2.5	< 2.5	< 2.5
F40A	12/12/1996		44	< 5	< 5	< 5	< 5	< 5	< 5	
F40A	6/4/1997		12	< 1	< 1	< 1	1.8	< 1	< 1	< 1
F40A	12/3/1997		24	< 0.5	< 0.5	< 0.5	1	< 0.5	< 0.5	< 0.5
F40A	12/8/1998		29	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F40A	12/8/1999		53.7	< 1.25	< 1.25	< 1.25	1.82	< 1.25	< 2.5	< 1.25
F40A	12/7/2000		5.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F40A	6/20/2001		3.3	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F40A	6/27/2002		5.6	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F40A	6/24/2003		13	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F40A	9/1/2004		29	< 0.50	< 0.50	< 0.50	0.81	< 0.50	< 0.50	< 0.50
F40A	9/1/2004		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F40A	6/29/2005		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F40A	6/29/2005	Dup	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F40A	6/30/2006		8.8	< 0.50	< 0.50	< 0.50	< 0.50	7.9	< 0.50	< 0.50
F40A	6/20/2007		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F40A	9/13/2007		14	< 0.50	< 0.50	< 0.50	0.55	< 0.50	< 0.50	< 0.50
F40A	6/11/2008		7.1	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F40A	6/11/2009		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F41A1	12/14/1992		7.9	< 5	< 5	< 5	34	< 5	< 5	
F41A1	6/23/2005		NA	NA	NA	NA	NA	NA	NA	NA
F42A1	12/10/1990		850	760	24	54		2	460	0.5
F42A1	12/10/1990	Dup	870	800	4	65		2	600	0.5
F42A1	4/9/1991		1,300	740	24	< 5	300	< 5	780	< 3
F42A1	7/25/1991		1,100	680	29	< 5	370	< 5	240	< 5
F42A1	10/8/1991		1,100	640	< 25		310	< 25	320	< 25
F42A1	12/10/1991		1,400	670	30	< 50		< 5	560	
F42A1	3/11/1992		210	92	7.1	< 2.5	100	< 0.5	39	< 0.5
F42A1	6/10/1992		1,200	690	20	< 12	340	< 2.5	480	< 2.5
F42A1	9/14/1992		1,300	670	30	< 25	400	< 5	580	< 5
F42A1	12/11/1992		1,100	470	32	< 50	420	< 5	260	
F42A1	3/9/1993		1,200	720	35	< 25	350	< 5	370	< 5
F42A1	6/8/1993		750	300	14	< 25	240	< 2.5	370	< 2.5
F42A1	9/14/1993		680	360	13	< 25	160	< 5	390	< 5
F42A1	12/9/1993		610	220	17		190	< 5	140	
F42A1	3/7/1994		450	300	16		170	< 2.5	150	< 2.5
F42A1	6/6/1994		560	200	9.4		130	3.4	280	< 2.5
F42A1	9/2/1994		440	170	8.1		97	2.5	270	< 1
F42A1	9/2/1994	Dup	420	160	7.8		94	2.4	250	< 1
F42A1	12/9/1994		300	110	< 10		73	< 10	200	
F42A1	3/3/1995		250	61	5.1		60	1	24	< 1
F42A1	6/8/1995		260	76	4.4		50	3	140	< 2
F42A1	9/7/1995		270	78	7.1		70	< 5	110	< 5
F42A1	12/8/1995		150	47	5.2		41	< 5	75	
F42A1	3/7/1996		230	82	9.8	38	75	< 5	90	< 5
F42A1	6/11/1996		120	48	8.2	24	61	< 2.5	39	< 2.5
F42A1	9/13/1996		160	60	11	42	74	3.8	54	< 1.2
F42A1	12/13/1996		180	64	11	38	96	< 5	81	
F42A1	3/6/1997		190	60	10	50	63	< 5	48	< 5
F42A1	6/9/1997		310	95	21	33	110	5.9	130	< 5
F42A1	9/12/1997		230	59	16	37	87	< 5	87	< 5
F42A1	12/8/1997		230	52	20	36	90	< 5	120	< 5
F42A1	12/8/1997	Dup	240	52	19	17	90	< 5	120	< 5
F42A1	6/2/1998		140	28	6.5	12	62	< 5	17	< 5
F42A1	12/10/1998		158	38	7.06	21.6	63.7	< 5	46.1	< 5
F42A1	6/10/1999		160	34.2	< 12.5	20.4	56.1	< 12.5	44.1	< 12.5
F42A1	12/9/1999		180	24.2	14.9	29.4	75.9	< 5	43.1	< 5
F42A1	12/9/1999	Dup	146	38.9	13	20.6	62	< 4.17	37.2	< 4.17
F42A1	8/6/2000		170	200	25	45	87	< 2.5	72	< 2.5
F42A1	12/8/2000		200	450	40	58	100	< 25	< 100	< 25
F42A1	6/19/2001		240	640	68	80	140	< 10	92	< 10
F42A1	6/26/2003		290	370	15	50	77	< 10	200	< 10
F42A1	6/22/2005		980	2,400	130	320	520	< 25	750	< 25
F42A1	6/13/2007		2,600	1,400	40	150	240	< 25	1,800	< 25
F42A1	8/27/2008		2,600	1,100	49	150	470	< 25	1,100	< 25
F42A1	12/10/2008		2,200	1,500	41	180	420	< 20	1,200	< 20

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F42A1	6/10/2009		2,400	2,100	< 25	180	260	27	1,700	< 25
F43A1U	12/20/1990		0.5	0.3	0.5	0.3		0.2	2.6	0.5
F43A1U	4/9/1991		< 0.5	1	1	< 0.5	< 0.5	< 0.5	1	< 0.5
F43A1U	7/23/1991		19	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1	< 0.5
F43A1U	10/3/1991		72	< 0.5	< 0.5	< 0.5	0.8	< 0.5	< 0.5	< 0.5
F43A1U	10/3/1991	Dup	63	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F43A1U	12/4/1991		45	< 5	< 5	< 5		< 5	< 5	
F43A1U	3/9/1992		24	0.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F43A1U	6/3/1992		33	0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F43A1U	10/12/1992		54	< 0.5	< 0.5	< 0.5	1.3	< 0.5	< 0.5	< 0.5
F43A1U	12/17/1992		66	< 5	< 5	< 5	< 5	< 5	< 5	
F43A1U	3/8/1993		15	0.8	< 0.5	< 0.5	< 0.5	< 0.5	0.5	< 0.5
F43A1U	6/2/1993		53	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F43A1U	6/2/1993	Dup	53	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F43A1U	9/13/1993		120	< 0.5	< 0.5	< 0.5	0.97	< 0.5	< 0.5	< 0.5
F43A1U	9/13/1993	Dup	100	< 0.5	< 0.5	< 0.5	1	< 0.5	< 0.5	< 0.5
F43A1U	12/2/1993		150	< 5	< 5	< 5	< 5	< 5	< 5	
F43A1U	12/2/1993	Dup	150	< 5	< 5	< 5	< 5	< 5	< 5	
F43A1U	3/9/1994		110	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F43A1U	6/13/1994		190	< 0.5	< 0.5	< 0.5	1.4	< 0.5	< 0.5	< 0.5
F43A1U	9/8/1994		290	< 0.5	< 0.5	< 0.5	2.3	< 0.5	< 0.5	< 0.5
F43A1U	12/12/1994		220	< 8.4	< 8.4	< 8.4	< 8.4	< 8.4	< 8.4	
F43A1U	3/3/1995		150	< 0.5	< 0.5	< 0.5	0.73	< 0.5	< 0.5	< 0.5
F43A1U	6/8/1995		81	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F43A1U	9/8/1995		120	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
F43A1U	9/8/1995	Dup	130	< 5	< 5	< 5	< 5	< 5	< 5	< 5
F43A1U	12/8/1995		240	< 5	< 5	< 5	< 5	< 5	< 5	
F43A1U	3/8/1996		8.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F43A1U	3/8/1996	Dup	10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F43A1U	6/6/1996		18	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F43A1U	9/12/1996		27	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F43A1U	12/12/1996		130	< 5	< 5	< 5	< 5	< 5	< 5	
F43A1U	3/5/1997		93	< 1	< 1	< 1	< 1	< 1	< 1	< 1
F43A1U	6/5/1997		54	< 1	< 1	< 1	< 1	< 1	< 1	< 1
F43A1U	9/10/1997		95	< 1	< 1	< 1	1.3	< 1	< 1	< 1
F43A1U	12/2/1997		66	< 1	< 1	< 1	< 1	< 1	< 1	< 1
F43A1U	12/9/1996		28.4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F43A1U	12/13/1999		19.4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F43A1U	12/7/2000		17	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F43A1U	6/20/2001		13	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F43A1U	6/24/2003		8.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F43A1U	6/23/2005		3.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50
F44A	12/17/1990		1,700	3	4	6.1		2	10	10
F44A	12/17/1990	Dup	780	3	4	6		2	10	10
F44A	4/9/1991		5,000	< 10	< 10	< 100	110	< 10	< 10	< 5
F44A	7/23/1991		420	< 2.5	< 2.5	< 2.5	10	< 2.5	< 2.5	< 2.5
F44A	10/7/1991		3,400	< 0.5	0.7	< 50	63	< 0.5	< 0.5	< 0.5
F44A	12/4/1991		5,100	< 50	< 50	< 50		< 50	< 50	
F44A	3/12/1992		4,600	< 5	< 5		59	< 5	< 5	< 5
F44A	3/12/1992	Dup	4,500	< 5	< 5		68	< 5	< 5	< 5
F44A	6/4/1992		7,500	< 25	< 25	< 25	40	< 25	< 25	< 25
F44A	9/14/1992		7,600	< 25	< 25	< 25	100	< 25	< 25	< 25
F44A	9/14/1992	Dup	7,400	< 25	< 25	< 25	100	< 25	< 25	< 25
F44A	12/8/1992		5,100	< 25	< 25	26	130	< 25	< 25	
F44A	3/8/1993		500	< 2.5	< 2.5	< 2.5	4	< 2.5	< 2.5	< 2.5
F44A	6/2/1993		1,700	< 5	< 5	< 5	25	< 5	< 5	< 5

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

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640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F44A	9/13/1993		4,700	< 10	< 10	< 50	77	< 10	< 10	< 10
F44A	12/2/1993		6,700	< 50	< 50	< 50	75	< 50	< 50	
F44A	3/10/1994		6,300	< 25	< 25	< 25	78	< 25	< 25	< 25
F44A	3/10/1994	Dup	6,200	< 25	< 25	< 25	76	< 25	< 25	< 25
F44A	6/13/1994		8,900	< 25	< 25	< 25	98	< 25	< 25	< 25
F44A	9/7/1994		7,400	< 2.5	< 2.5		110	< 2.5	< 2.5	< 2.5
F44A	12/13/1994		5,300	< 33	< 33	< 33	73	< 33	< 33	
F44A	12/13/1994	Dup	5,300	< 33	< 33	< 33	78	< 33	< 33	
F44A	3/6/1995		1,900	< 10	< 10	< 10	35	14	< 10	< 10
F44A	6/9/1995		6,500	< 50	< 50	< 50	53	< 50	< 50	< 50
F44A	9/8/1995		4,900	< 25	< 25	< 25	95	< 25	< 25	< 25
F44A	12/11/1995		3,400	< 5	< 5		37	< 5	< 5	
F44A	3/7/1996		3,200	< 50	< 50	< 50	< 50	< 50	< 50	< 50
F44A	6/11/1996		5,600	< 100	< 100	< 100	< 100	< 100	< 100	< 100
F44A	9/13/1996		4,400	< 50	< 50	< 50	< 50	< 50	< 50	< 50
F44A	12/16/1996		3,100	< 100	< 100	< 100	< 100	< 100	< 100	
F44A	3/7/1997		1,600	< 25	< 25	< 25	< 25	< 25	< 25	< 25
F44A	6/9/1997		2,700	< 25	< 25	< 25	46	< 25	< 25	< 25
F44A	9/12/1997		2,600	< 50	< 50	< 50	< 50	< 50	< 50	< 50
F44A	12/4/1997		2,000	< 50	< 50	< 50	< 50	< 50	< 50	< 50
F44A	6/5/1998		1,700	< 50	< 50	< 50	< 50	< 50	< 50	< 50
F44A	12/11/1998		2,460	< 50	< 50	< 50	< 50	< 50	< 50	< 50
F44A	6/10/1999		1,760	< 125	< 125	< 125	< 125	< 125	< 125	< 125
F44A	12/13/1999		1,880	< 100	< 100	< 100	< 100	< 100	< 100	< 100
F44A	6/8/2000		2,500	< 25	< 25	< 25	< 25	< 25	< 25	< 25
F44A	12/7/2000		2,500	< 25	< 25	< 25	< 25	< 25	< 100	< 25
F44A	6/21/2001		2,800	< 25	< 25	< 25	43	< 25	< 100	< 25
F44A	6/27/2002		2,100	< 25	< 25	< 25	32	< 25	< 25	< 25
F44A	6/27/2003		1,700	< 25	< 25	< 25	< 25	< 25	< 25	< 25
F44A	9/2/2004		2,200	< 20	< 20	< 20	34	< 20	< 20	< 20
F44A	9/2/2004		2,600	< 20	< 20	< 20	39	< 20	< 20	< 20
F44A	9/2/2004	Dup	2,500	< 20	< 20	< 20	38	< 20	< 20	< 20
F44A	3/23/2005		740	<.5	14	3.3	13	<0.5	<1.0	<0.5
F44A	4/29/2005		370	< 5	11	< 5	13	< 5	< 5	< 5
F44A	6/28/2005		260	< 5.0	16	< 5.0	22	< 5.0	< 5.0	< 5.0
F45A1U	12/17/1990		1,000	3.3	4	3		2	10	10
F45A1U	2/6/1991		1,500	30	40	30		20	100	100
F45A1U	4/9/1991		3,100	< 10	< 10	< 10	24	< 10	< 10	< 5
F45A1U	3/3/1993		2,400	6	< 5	< 5	15	< 5	< 5	< 5
F45A1U	6/7/1993		1,100	< 5	< 5	< 5	8	< 5	< 5	< 5
F45A1U	9/9/1993		1,400	< 5	< 5	< 5	8.9	< 5	< 5	< 5
F45A1U	12/2/1993		1,200	< 10	< 10	< 10	< 10	< 10	< 10	
F45A1U	3/8/1994		1,400	< 5	< 5	< 5	9.5	< 5	< 5	< 5
F45A1U	6/7/1994		2,900	< 5	< 5	< 5	18	< 5	< 5	< 5
F45A1U	9/7/1994		1,200	< 5	< 5	< 5	17	< 5	< 5	< 5
F45A1U	12/13/1994		2,700	< 5	< 5		22	< 5	< 5	
F45A1U	3/6/1995		1,300	< 5	< 5	< 5	8.5	< 5	< 5	< 5
F45A1U	6/9/1995		1,200	< 5	< 5	< 5	6.2	< 5	< 5	< 5
F45A1U	9/8/1995		1,100	< 25	< 25	< 25	< 25	< 25		< 25
F45A1U	11/17/1995		740	< 5	< 5	< 5	7.3	< 5	< 5	< 5
F45A1U	12/11/1995		790	< 5	< 5	< 5	5.8	< 5	< 5	
F45A1U	3/7/1996		650	< 12	< 18	< 25	< 12	< 12	< 25	< 25
F45A1U	3/7/1996	Dup	600	< 12	< 18	< 25	< 12	< 12	< 25	< 25
F45A1U	6/10/1996		510	< 10	< 10	< 10	< 10	10	< 10	< 10
F45A1U	9/13/1996		480	< 10	< 10	< 10	< 10	< 10	< 10	< 10
F45A1U	9/13/1996		830	< 25	< 25	< 25	< 25	< 25	< 25	< 25
F45A1U	12/16/1996		250	< 10	< 10	< 10	< 10	< 10	< 10	

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F45A1U	3/7/1997		530	< 5	< 5	< 5	6	< 5	< 5	< 5
F45A1U	6/9/1997		390	< 5	< 5	< 5	6.2	< 5	< 5	< 5
F45A1U	9/12/1997		310	< 5	< 5	< 5	< 5	< 5	< 5	< 5
F45A1U	12/4/1997		240	< 5	< 5	< 5	< 5	< 5	< 5	< 5
F45A1U	6/2/1998		270	< 12	< 12	< 12	< 12	< 12	< 12	< 12
F45A1U	12/11/1998		465	< 10	< 10	< 10	< 10	< 10	< 10	< 10
F45A1U	6/10/1999		308	< 12.5	< 12.5	< 12.5	< 12.5	< 12.5	< 12.5	< 12.5
F45A1U	12/13/1999		409	< 25	< 25	< 25	< 25	< 25	< 25	< 25
F45A1U	6/6/2000		320	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
F45A1U	12/7/2000		340	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 20	< 5.0
F45A1U	6/20/2001		360	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 20	< 5.0
F45A1U	6/25/2003		300	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
F45A1U	6/23/2005		150	< 0.50	< 0.50	< 0.50	1.2	< 0.50	< 5.0	< 0.50
F45A1U	6/23/2005	Dup	150	< 0.50	< 0.50	< 0.50	1.2	< 0.50	< 5.0	< 0.50
F46A1	12/11/1990		0.6	0.5	0.4	0.3		0.2	1	0.5
F46A1	4/15/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F46A1	8/1/1991		25	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F46A1	10/14/1991		26	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F46A1	12/13/1991		28	< 5	< 5	< 5		< 5	< 5	
F46A1	3/6/1992		0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F46A1	6/11/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F46A1	9/16/1992		33	0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F46A1	12/15/1992		30	< 5	< 5	< 5		< 5	< 5	
F46A1	3/5/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F48A1	8/16/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F46A1	6/16/1993	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F46A1	9/13/1993		0.55	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F46A1	12/9/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F46A1	3/3/1994		0.76	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F46A1	6/7/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F46A1	9/8/1994		1.4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F46A1	12/5/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F46A1	3/3/1995		3.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F46A1	6/2/1995		6.2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F46A1	9/5/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F46A1	12/7/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F46A1	3/5/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F46A1	8/7/1996		0.75	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F46A1	9/11/1996		2.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F46A1	12/11/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F46A1	3/4/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F46A1	6/4/1997		1.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F46A1	9/9/1997		7.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F46A1	12/5/1997		0.69	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F46A1	12/10/1998		2.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F46A1	12/8/1999		3.86	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5
F46A1	12/7/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F46A1	6/21/2001		1.9	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F46A1	6/26/2003		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F46A1	6/21/2005		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F46A1	6/14/2007		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F46A1	6/15/2009		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F46A1	6/15/2009	Dup	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F49A1	2/8/1991		0.5	0.3	0.4	0.3		0.2	1	0.5
F49A1	4/16/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F49A1	7/31/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F49A1	11/4/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F49A1	12/8/1991		< 5	< 5	< 5	< 5		< 5	< 5	
F49A1	3/9/1992		< 0.5	0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F49A1	6/15/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F49A1	6/15/1992	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F49A1	9/15/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F49A1	12/7/1992		< 5	< 5	< 5	< 5		< 5	< 5	
F49A1	3/8/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F49A1	6/14/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F49A1	9/14/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F49A1	12/2/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F49A1	3/10/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F49A1	6/10/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F49A1	9/7/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F49A1	12/12/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F49A1	3/6/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F49A1	6/2/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F49A1	9/5/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F49A1	12/4/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F49A1	3/4/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F49A1	6/4/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F49A1	9/10/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F49A1	9/10/1996	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F49A1	12/11/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F49A1	3/4/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F49A1	6/3/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F49A1	9/9/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F49A1	12/9/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F49A1	6/3/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F49A1	12/8/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F49A1	6/10/1999		13.8	1.60	< 0.500	< 0.500	0.525	< 0.500	< 0.500	< 0.500
F49A1	7/29/1999		< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500
F49A1	12/7/1999		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F49A1	6/8/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F49A1	12/7/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F49A1	6/21/2001		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F49A1	6/21/2001	Dup	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F49A1	6/26/2002		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F49A1	6/26/2003		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F49A1	6/26/2003	Dup	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F49A1	6/22/2004		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F49A1	6/21/2005		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F49A1	6/27/2006		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F49A1	6/18/2007		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F49A1	6/11/2008		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F49A1	6/15/2009		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F50A1	2/8/1991		0.5	0.3	0.4	0.3		0.2	1	1
F50A1	2/8/1991		0.5	0.3	0.4	0.3		0.2	1	1
F50A1	4/16/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F50A1	7/29/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F50A1	11/5/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F50A1	12/6/1991		< 5	< 5	< 5	< 5		< 5	< 5	
F50A1	3/9/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F50A1	6/11/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F50A1	10/12/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F50A1	2/3/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F50A1	12/7/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F51A1	12/13/1990		5	3	4	3		2	10	0.5
F51A1	4/17/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F51A1	7/29/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F51A1	10/10/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F51A1	12/6/1991		< 5	< 5	< 5	< 5		< 5	< 5	
F51A1	3/10/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F51A1	6/12/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F51A1	9/15/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F51A1	12/7/1992		< 5	< 5	< 5	< 5		< 5	< 5	
F51A1	6/15/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F51A1	12/13/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F51A1	6/10/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F51A1	12/12/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F51A1	6/2/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F51A1	12/4/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F51A1	6/4/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F51A1	12/11/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F51A1	6/3/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F51A1	12/2/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F51A1	12/11/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F51A1	12/11/1998	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F51A1	12/7/1999		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F51A1	12/7/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F53A1U	11/4/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F53A1U	12/13/1991		< 5	< 5	< 5	< 5		< 5	< 5	
F53A1U	3/9/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F53A1U	6/15/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F53A1U	9/16/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F53A1U	12/7/1992		< 5	< 5	< 5	< 5		< 5	< 5	
F53A1U	12/7/1992	Dup	< 5	< 5	< 5	< 5		< 5	< 5	
F53A1U	3/8/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F53A1U	6/14/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F53A1U	9/14/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F53A1U	12/2/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F53A1U	6/10/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F53A1U	12/12/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F53A1U	6/2/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F53A1U	12/4/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F53A1U	12/4/1995	Dup	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F53A1U	6/4/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F53A1U	12/11/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F53A1U	6/3/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F53A1U	12/5/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F53A1U	6/3/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F53A1U	12/8/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F53A1U	6/10/1999		16.3	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50
F53A1U	12/7/1999		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F53A1U	6/6/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F53A1U	12/7/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F53A1U	6/21/2001		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F53A1U	6/27/2002		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F53A1U	6/26/2003		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F53A1U	6/22/2004		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F53A1U	6/21/2005		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F53A1U	6/27/2006		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F53A1U	8/18/2007		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F53A1U	6/11/2008		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F53A1U	6/16/2009		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F54A1U	12/13/1990		2	3	3	2	5	2		0.5
F54A1U	12/13/1990	Dup	3.3	3	4	3		2	10	0.5
F54A1U	2/7/1991		0.5	0.3	0.4	0.3		0.2	1	1
F54A1U	4/17/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F54A1U	4/17/1991	Dup	0.5	0.3	0.4	0.3		0.2	1	1
F54A1U	4/17/1991	Dup	0.5	0.3	0.4	0.3		0.2	1	1
F54A1U	7/29/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F54A1U	10/11/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F54A1U	12/6/1991		< 5	< 5	< 5	< 5		< 5	< 5	
F54A1U	3/10/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F54A1U	6/12/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F54A1U	9/16/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F54A1U	12/10/1992		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F54A1U	3/8/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F54A1U	8/14/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F54A1U	9/13/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F54A1U	12/7/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F54A1U	3/4/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F54A1U	6/10/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F54A1U	12/12/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F54A1U	6/5/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F54A1U	12/4/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F54A1U	6/4/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F54A1U	12/11/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F54A1U	6/3/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F54A1U	12/2/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F54A1U	6/5/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F54A1U	12/11/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F54A1U	6/10/1999		15.0	1.66	< 0.500	< 0.500	0.639	< 0.500	< 0.500	< 0.500
F54A1U	7/29/1999		< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500
F54A1U	12/7/1999		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F54A1U	6/7/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F54A1U	12/7/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F54A1U	6/21/2001		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F54A1U	6/26/2003		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F54A1U	6/21/2005		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F54A1U	6/18/2007		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F54A1U	6/16/2009		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F57A1U	12/13/1990									0.5
F57A1U	2/7/1991		0.5	0.3	0.8	0.3		0.2	1	1
F57A1U	4/16/1991		< 0.5	< 0.5	1	< 0.5	1	< 0.5	< 0.5	< 0.5
F57A1U	7/25/1991		< 0.5	< 0.5	1.2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F57A1U	10/10/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F57A1U	12/13/1991		< 5	< 5	< 5	< 5		< 5	< 5	
F57A1U	3/12/1992		< 0.5	< 0.5	1.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F57A1U	3/12/1992	Dup	< 0.5	< 0.5	1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F57A1U	6/11/1992		< 0.5	< 0.5	0.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F57A1U	9/17/1992		< 0.5	< 0.5	1.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F57A1U	12/8/1992		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F57A1U	3/9/1993		< 0.5	< 0.5	1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F57A1U	3/9/1993	Dup	< 0.5	< 0.5	1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F57A1U	6/15/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F57A1U	9/13/1993		< 0.5	< 0.5	1.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F57A1U	12/7/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F57A1U	3/8/1994		< 0.5	< 0.5	1.2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F57A1U	6/10/1994		< 0.5	< 0.5	1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F57A1U	9/7/1994		< 0.5	< 0.5	1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F57A1U	12/8/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F57A1U	3/2/1995		< 0.5	< 0.5	0.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F57A1U	6/5/1995		< 0.5	< 0.5	1.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F57A1U	9/5/1995		< 0.5	< 0.5	2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F57A1U	12/5/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F57A1U	3/4/1996		< 0.5	< 0.5	2.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F57A1U	6/5/1996		< 0.5	< 0.5	2.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F57A1U	9/10/1996		< 0.5	< 0.5	2.2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F57A1U	12/11/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F57A1U	3/4/1997		< 0.5	< 0.5	1.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F57A1U	6/3/1997		< 0.5	< 0.5	2.2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F57A1U	6/3/1997	Dup	< 0.5	< 0.5	2.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F57A1U	9/9/1997		< 0.5	< 0.5	1.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F57A1U	12/9/1997		< 0.5	< 0.5	0.79	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F57A1U	6/5/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F57A1U	12/11/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F57A1U	6/9/1999		< 0.500	< 0.500	0.624	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500
F57A1U	12/7/1999		< 0.5	< 0.5	0.533	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F57A1U	6/7/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F57A1U	12/8/2000		< 0.50	< 0.50	0.63	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F57A1U	6/21/2001		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F57A1U	6/25/2002		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F57A1U	8/26/2003		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F57A1U	6/22/2004		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F57A1U	6/21/2005		< 0.50	< 0.50	0.81	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F57A1U	6/14/2007		< 0.50	< 0.50	0.81	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F57A1U	6/10/2008		< 0.50	< 0.50	0.71	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F57A1U	6/15/2009		< 0.50	< 0.50	0.82	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F58A	12/13/1990									0.5
F58A	2/7/1991		0.5	0.3	0.4	0.3		0.2	1	1
F58A	2/7/1991		0.5	0.3	0.4	0.3		0.2	1	0.5
F58A	4/16/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F58A	7/25/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F58A	10/10/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F58A	12/13/1991		< 5	< 5	< 5	< 5		< 5	< 5	
F58A	3/12/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F58A	6/11/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F58A	9/17/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F58A	12/8/1992		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F58A	6/15/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F58A	12/7/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F58A	6/10/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F58A	12/8/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F58A	6/2/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F58A	12/5/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F58A	12/5/1995	Dup	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F58A	6/4/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F58A	12/11/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F58A	6/3/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F58A	12/5/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F58A	12/11/1998		0.75	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F58A	12/7/1999		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F58A	12/8/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F58A	6/21/2001		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F58A	6/26/2002		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F58A	6/26/2003		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F58A	6/22/2004		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F58A	6/21/2005		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F58A	6/21/2005	Dup	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F58A	6/27/2006		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F58A	6/14/2007		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F58A	6/10/2008		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F58A	6/15/2009		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F59A1U	12/18/1990		240	38	4	22		710	6.1	10
F59A1U	12/18/1990	Dup	220	36	4	26		680	6.9	10
F58A1U	2/7/1991		930	40	40	74		680	100	100
F59A1U	4/15/1991		1,100	27	< 5		400	450	< 5	< 5
F59A1U	7/29/1991		1,300	32	< 10	< 25	190	2,600	30	< 10
F59A1U	11/1/1991		1,700	36	6.5		260	2,700	< 2.5	< 2.5
F59A1U	12/16/1991		1,200	42	5.6			1,900	< 5	
F59A1U	3/11/1992		2,400	10	5		980	3,100	< 5	< 5
F59A1U	6/8/1992		840	11	< 5		220	2,300	< 5	< 5
F59A1U	9/17/1992		420	16	< 5		47	1,400	< 5	< 5
F59A1U	12/14/1992		430	23	5.2		120	820	< 5	
F59A1U	3/8/1993		1,500	9	6		470	2,100	< 5	< 5
F59A1U	6/14/1993		530	5	< 5	< 25	190	1,500	< 5	< 5
F59A1U	9/13/1993		400	< 5	< 5	< 25	110	1,600	< 5	< 5
F59A1U	12/3/1993		390	< 10	< 10		110	1,400	< 10	
F59A1U	3/10/1994		450	< 5	< 5		260	910	< 5	< 5
F59A1U	6/13/1994		580	7.4	< 5		210	1,700	< 5	< 5
F59A1U	9/9/1994		580	7.5	< 5		160	1,600	< 5	< 5
F59A1U	9/9/1994	Dup	510	6.7	< 5		150	1,500	< 5	< 5
F59A1U	12/13/1994		790	12	< 8.4		240	1,200	< 8.4	
F59A1U	3/6/1995		680	11	< 5		210	1,300	< 5	< 5
F59A1U	6/8/1995		300	5.7	< 5		34	910	< 5	< 5
F59A1U	9/8/1995		460	< 12	< 12		75	1,200	< 12	< 12
F59A1U	12/8/1995		540	9.6	< 5	< 50	120	1,400	< 5	
F59A1U	3/7/1996		640	48	< 25	< 25	57	1,600	< 25	< 25
F59A1U	6/10/1996		360	< 25	< 25	< 25	29	1,300	< 25	< 25
F59A1U	6/10/1996	Dup	370	< 25	< 25	< 25	32	1,300	< 25	< 25
F59A1U	9/13/1996		500	25	< 12	< 12	46	1,700	< 12	< 12
F59A1U	12/16/1996		170	< 25	< 25	< 25	< 25	800	< 25	
F59A1U	3/7/1997		300	44	< 25	< 25	35	1,400	< 25	< 25
F59A1U	6/9/1997		360	< 25	< 25	< 25	47	1,300	< 25	< 25
F59A1U	9/12/1997		280	< 25	< 25	< 25	44	1,400	< 25	< 25
F59A1U	9/12/1997	Dup	270	< 25	< 25	< 25	45	1,300	< 25	< 25
F59A1U	12/5/1997		410	< 25	< 25	< 25	110	1,100	< 25	< 25
F59A1U	6/2/1998		95	< 50	< 50	< 50	< 50	670	< 50	< 50
F59A1U	12/10/1998		113	< 25	< 25	< 25	< 25	584	< 25	< 25
F59A1U	6/8/1999		92.5	< 10.0	< 10.0	< 10.0	17.4	318	< 10.0	< 10.0
F59A1U	1/28/2000		146	< 10	< 10	< 10	32.1	488	< 10	< 10
F59A1U	6/8/2000		57	< 5.0	< 5.0	< 5.0	6.5	310	< 5.0	< 5.0
F59A1U	6/30/2006		66	3.2	< 0.50	2.0	7.0	190	< 0.50	< 0.50
F59A1U	6/30/2006	Dup	63	3.3			7.6	180		
F59A1U	6/20/2007		96	8.1	< 2.0	5.8	8.5	260	< 2.0	< 2.0
F59A1U	6/10/2009		92	6.9	< 2.5	3.9	6.1	180	< 2.5	< 2.5
F60A	12/18/1990		29	4.1	4	3		8.3	10	10
F60A	4/15/1991		38	2	1		1	1	< 0.5	< 0.5
F60A	7/29/1991		430	23	3.8	< 5	9.7	3	5.8	< 0.5
F60A	11/12/1991		240	13	2.5	< 5	6.5	2.1	1.5	< 0.5

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F60A	12/16/1991		200	11	< 5			< 5	< 5	
F60A	3/11/1992		150	14	2.7	< 2.5	6.5	1.7	2	< 0.5
F60A	6/10/1992		130	7.4	1.5	< 2.5	5.4	0.7	< 0.5	< 0.5
F60A	9/16/1992		290	23	4	< 2.5	9.7	1.5	2.5	< 0.5
F61A1U	12/13/1990		470	34	4	4.4		3.4	10	0.5
F61A1U	2/7/1991		630	36	20	15		10	50	50
F61A1U	4/18/1991		850	71	7	< 10	44	21	< 3	< 3
F61A1U	7/24/1991		870	64	5	< 10	52	53	< 2.5	< 2.5
F61A1U	11/4/1991		1,000	70	5	< 10	52	10	< 2.5	< 2.5
F61A1U	12/11/1991		980	55	< 5	< 5		< 5	< 5	
F61A1U	3/6/1992		680	71	5.6	< 10	55	4.2	2.4	< 1
F61A1U	6/5/1992		680	65	4	< 10	59	6	4.5	< 2.5
F61A1U	9/11/1992		580	76	6.6	< 5	63	8.2	2.2	< 1
F61A1U	12/10/1992		670	62	5.8	< 25	62	8.6	< 5	
F61A1U	3/8/1993		570	99	8.8	< 5	63	12	2.6	< 1
F61A1U	6/4/1993		480	100	7.4	< 5	86	4.8	1.6	< 1
F61A1U	9/13/1993		440	89	7.3		68	14	< 1	< 1
F61A1U	12/9/1993		430	75	7.4		63	34	6.9	
F61A1U	3/8/1994		420	62	5.8		52	25	2.7	< 1
F61A1U	6/10/1994		540	80	7.6		67	2	4.1	< 1
F61A1U	9/8/1994		430	62	9.6		63	56	5.4	< 0.5
F61A1U	12/13/1994		390	74	7.4		58	17	6.7	
F61A1U	3/3/1995		360	63	5.3		66	94	< 2.5	< 2.5
F61A1U	6/6/1995		360	74	7.7		69	21	5.4	< 2.5
F61A1U	6/6/1995	Dup	340	76	7.4		67	25	5.3	3.4
F61A1U	11/9/1995		320	44	6.2		40	23	6.3	< 0.5
F61A1U	12/8/1995			46	< 5	< 50	37	23	8.1	
F61A1U	3/7/1996		390	50	7.3	15	62	360	< 5	< 5
F61A1U	6/6/1996		320	61	8.4	9.4	61	120	6.3	< 5
F61A1U	9/13/1996		340	61	8.4	20	65	19	7.3	< 5
F61A1U	12/13/1996		280	39	< 10	< 10	46	< 10	< 10	
F61A1U	3/7/1997		310	41	< 5	5.1	41	65	5.9	< 5
F61A1U	6/9/1997		280	42	< 5	8	33	35	5.2	< 5
F61A1U	9/12/1997		350	41	< 5	7.4	31	57	< 5	< 5
F61A1U	12/4/1997		210	21	< 5	< 5	14	23	< 5	< 5
F61A1U	6/3/1998		290	14	< 12	< 12	12	< 12	< 12	< 12
F61A1U	6/3/1998	Dup	280	14	< 12	< 12	13	< 12	< 12	< 12
F61A1U	12/9/1998		294	16.7	< 10	< 10	< 10	< 10	< 10	< 10
F61A1U	12/9/1998	Dup	284	20.5	< 5	< 5	8.8	8.23	< 5	< 5
F61A1U	6/9/1999		240	< 10.0	< 10.0	< 10.0	< 10.0	12.3	< 10.0	< 10.0
F61A1U	12/8/1999		245	< 5	< 5	< 5	9.87	13	< 10	< 5
F61A1U	12/8/1999	Dup	263	< 6.25	< 6.25	< 6.25	8.4	14.3	< 12.5	< 6.25
F61A1U	6/8/2000		270	< 5.0	< 5.0	< 5.0	5.1	48	< 20	< 5.0
F61A1U	12/7/2000		100	< 5.0	< 5.0	< 5.0	< 5.0	6.6	< 20	< 5.0
F61A1U	6/21/2001		160	< 5.0	< 5.0	< 5.0	< 5.0	5.5	< 20	< 5.0
F61A1U	6/27/2003		160	3.1	< 2.0	< 2.0	5.5	7.6	< 2.0	< 2.0
F61A1U	6/20/2005		160	3.0	< 2.0	< 2.0	5.1	< 2.0	< 2.0	< 2.0
F61A1U	6/14/2007		100	1.2	< 1.0	< 1.0	2.1	< 1.0	< 1.0	< 1.0
F61A1U	8/18/2009		96	0.75	< 0.50	0.53	2.0	< 0.50	< 0.50	< 0.50
F62A1	12/13/1990		510	32	4	3		2	10	0.5
F62A1	4/18/1991		460	24	< 5	< 5	13	< 5	< 5	< 5
F62A1	7/24/1991		1,000	46	< 2.5	< 10	20	< 2.5	< 2.5	< 2.5
F62A1	7/24/1991	Dup	1,000	44	< 2.5	< 10	20	< 2.5	< 2.5	< 2.5
F62A1	11/1/1991		1,100	32	< 2.5	< 12	14	< 2.5	< 2.5	< 2.5
F62A1	12/11/1991		890	26	< 5	< 25		< 5	< 5	
F62A1	3/6/1992		560	34	1.8	< 5	18	< 1	2	< 1

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F62A1	6/5/1992		840	30	3	< 2.5	18	< 2.5	< 2.5	< 2.5
F62A1	9/11/1992		830	24	< 2.5	< 12	14	< 2.5	< 2.5	< 2.5
F62A1	12/14/1992		650	34	< 5	< 5	24	< 5	< 5	
F62A1	3/8/1993		510	22	< 2.5	< 2.5	14	< 2.5	< 2.5	< 2.5
F62A1	6/7/1993		390	19	1.4	< 5	18	< 1	< 1	< 1
F62A1	9/13/1993		650	35	< 2.5	< 2.5	20	< 2.5	< 2.5	< 2.5
F62A1	12/9/1993		560	25	< 5		18	< 5	< 5	
F62A1	3/8/1994		590	23	2.1		16	< 1	3.4	< 1
F62A1	6/10/1994		54	2	< 0.5	< 0.5	2.7	< 0.5	< 0.5	< 0.5
F62A1	9/8/1994		380	16	2.2		14	< 0.5	2.2	< 0.5
F62A1	12/13/1994		110	< 5	< 5	< 5	7.7	< 5	< 5	
F62A1	3/3/1995		310	13	1.5		15	< 0.5	0.6	< 0.5
F62A1	3/3/1995	Dup	290	13	1.5		15	< 0.5	1	< 0.5
F62A1	6/7/1995		460	23	< 2.5		20	< 2.5	< 2.5	< 2.5
F62A1	11/9/1995		270	11	1.9		12	< 0.5	2	< 0.5
F62A1	12/8/1995		290	12	< 5	< 5	13	< 5	< 5	
F62A1	3/7/1996		330	20	< 5	< 5	15	< 5	< 5	< 5
F62A1	3/7/1996	Dup	340	20	< 5	< 5	16	< 5	< 5	< 5
F62A1	6/6/1996		140	14	< 2.5	3.6	14	2.9	< 2.5	< 2.5
F62A1	9/13/1996		200	18	2.5	3.1	19	2.4	< 1.2	< 1.2
F62A1	12/13/1996		170	9.7	< 5	< 5	16	< 5	< 5	
F62A1	12/13/1996	Dup	170	9.7	< 5	< 5	16	< 5	< 5	
F62A1	3/6/1997		76	4.3	< 1	< 1	8.7	< 1	< 1	< 1
F62A1	6/6/1997		80	5.3	1.1	1.1	6.3	< 1	< 1	< 1
F62A1	9/11/1997		95	5.3	< 1	< 1	6.9	< 1	< 1	< 1
F62A1	12/4/1997		97	5.1	1.1	1.6	6.2	< 1	< 1	< 1
F62A1	6/5/1998		100	< 5	< 5	< 5	< 5	< 5	< 5	< 5
F62A1	12/9/1996		100	6.75	< 2.5	< 2.5	5.08	< 2.5	< 2.5	< 2.5
F62A1	6/9/1999		84.6	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
F62A1	12/6/1999		134	< 5	< 5	< 5	< 5	< 5	< 10	< 5
F62A1	6/8/2000		110	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 8.0	< 2.0
F62A1	12/7/2000		98	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 10	< 2.5
F62A1	6/21/2001		110	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 10	< 2.5
F62A1	6/26/2002		75	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
F62A1	6/27/2003		59	< 0.50	< 0.50	< 0.50	1.1	0.66	< 0.50	< 0.50
F62A1	6/23/2004		97	1.2	< 1.0	< 1.0	1.8	< 1.0	< 1.0	< 1.0
F62A1	6/20/2005		83	0.83	< 0.50	0.54	1.5	< 0.50	< 0.50	< 0.50
F62A1	6/27/2006		90	0.62	< 0.50	< 0.50	1.3	< 0.50	< 0.50	< 0.50
F62A1	6/14/2007		75	0.51	< 0.50	< 0.50	1.1	< 0.50	< 0.50	< 0.50
F62A1	6/10/2008		82	< 0.50	< 0.50	< 0.50	1.3	< 0.50	< 0.50	< 0.50
F62A1	6/15/2009		16	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F63A1U/A1	12/10/1990		21	0.3	0.4	0.3		0.2	1	0.5
F63A1U/A1	4/10/1991		21	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F63A1U/A1	4/10/1991	Dup	17	0.3	0.4	0.3		0.2	1	1
F63A1U/A1	7/29/1991		14	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F63A1U/A1	10/7/1991		16	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F63A1U/A1	12/11/1991		15	< 5	< 5	< 5		< 5	< 5	
F63A1U/A1	3/11/1992		60	0.8	< 0.5	< 0.5	< 0.5	0.7	< 0.5	< 0.5
F63A1U/A1	6/12/1992		4.4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F63A1U/A1	9/18/1992		6.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F63A1U/A1	12/15/1992		74	< 5	< 5	< 5		< 5	< 5	
F63A1U/A1	3/11/1993		3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F63A1U/A1	6/8/1993		32	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F63A1U/A1	9/14/1993		12	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F63A1U/A1	12/9/1993		6	< 5	< 5	< 5	< 5	< 5	< 5	
F63A1U/A1	3/7/1994		2.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F63A1U/A1	6/6/1994		4.4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F63A1U/A1	9/6/1994		22	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F63A1U/A1	9/6/1994	Dup	23	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F63A1U/A1	12/9/1994		11	< 5	< 5	< 5	< 5	< 5	< 5	
F63A1U/A1	3/3/1995		12	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F63A1U/A1	6/6/1995		11	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F63A1U/A1	9/6/1995		10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F63A1U/A1	12/7/1995		13	< 5	< 5	< 5	< 5	< 5	< 5	
F63A1U/A1	3/5/1996		7.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F63A1U/A1	6/7/1996		22	< 0.5	< 0.5	< 0.5	< 0.5	0.5	0.58	< 0.5
F63A1U/A1	9/11/1996		9.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F63A1U/A1	9/11/1996	Dup	8.8	0.65	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F63A1U/A1	12/11/1996		7.2	< 5	< 5	< 5	< 5	< 5	< 5	
F63A1U/A1	3/4/1997		3.2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F63A1U/A1	6/4/1997		11	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F63A1U/A1	6/4/1997	Dup	11	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F63A1U/A1	9/10/1997		2.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F63A1U/A1	12/3/1997		14	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F63A1U/A1	12/10/1998		26.7	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
F63A1U/A1	12/9/1999		43.5	< 1.25	< 1.25	< 1.25	< 1.25	< 1.25	< 1.25	< 1.25
F63A1U/A1	12/7/2000		34	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F63A1U/A1	6/19/2001		34	< 0.50	< 0.50	< 0.50	< 0.50	0.50	< 2.0	< 0.50
F63A1U/A1	6/19/2001	Dup	36	< 0.50	< 0.50	< 0.50	< 0.50	0.55	< 2.0	< 0.50
F63A1U/A1	6/25/2003		27	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F63A1U/A1	6/25/2003	Dup	24	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F63A1U/A1	6/22/2005		27	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F63A1U/A1	6/13/2007		34	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.65	< 0.50
F63A1U/A1	6/15/2009		21	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F64A1	12/11/1990		47	0.7	0.4	0.8		0.4	0.5	0.5
F64A1	4/10/1991		39	< 1	< 1	< 1	< 1	< 1	< 1	< 1
F64A1	7/28/1991		76	< 0.5	< 0.5	< 1	< 0.5	0.9	< 0.5	< 0.5
F64A1	10/7/1991		80	0.9	< 0.5	< 1	< 0.5	< 0.5	0.5	< 0.5
F64A1	12/11/1991		68	< 5	< 5	< 5		< 5	< 5	
F64A1	3/11/1992		60	1	< 0.5	< 2.5	< 0.5	0.7	< 0.5	< 0.5
F64A1	6/12/1992		74	< 0.5	< 0.5	< 0.5	< 0.5	0.6	< 0.5	< 0.5
F64A1	6/12/1992	Dup	71	0.6	< 0.5	< 0.5	< 0.5	0.7	< 0.5	< 0.5
F64A1	9/18/1992		77	0.8	< 0.5	< 0.5	< 0.5	0.9	< 0.5	< 0.5
F64A1	12/15/1992		81	< 5	< 5	< 5	< 5	< 5	< 5	
F64A1	3/11/1993		74	1.5	< 0.5	< 2.5	< 0.5	1.4	0.6	< 0.5
F64A1	6/8/1993		74	0.7	< 0.5	< 0.5	< 0.5	0.5	< 0.5	< 0.5
F64A1	9/14/1993		56	1.3	< 0.5		< 0.5	0.57	< 0.5	< 0.5
F64A1	12/9/1993		69	< 5	< 5	< 5	< 5	< 5	< 5	
F64A1	3/7/1994		84	0.65	< 0.5		< 0.5	0.92	1.5	< 0.5
F64A1	6/6/1994		96	0.84	< 0.5	< 0.5	< 0.5	1.3	1.1	< 0.5
F64A1	9/8/1994		74	0.86	< 0.5	< 0.5	< 0.5	0.99	1.6	< 0.5
F64A1	12/9/1994		97	< 5	< 5	< 5	< 5	< 5	< 5	
F64A1	12/9/1994	Dup	77	< 5	< 5	< 5	< 5	< 5	< 5	
F64A1	3/3/1995		84	0.73	< 0.5	< 0.5	< 0.5	1.2	1.5	< 0.5
F64A1	6/8/1995		78	< 0.5	< 0.5	< 0.5	< 0.5	1.2	1.3	< 0.5
F64A1	9/6/1995		44	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
F64A1	12/8/1995		33	< 5	< 5	< 5	< 5	< 5	< 5	
F64A1	3/6/1996		52	1.2	< 0.5	< 0.5	< 0.5	1.6	0.93	< 0.5
F64A1	6/11/1996		41	< 1	< 1	< 1	< 1	1.1	< 1	< 1
F64A1	9/12/1996		41	1	< 0.5	< 0.5	< 0.5	0.9	< 0.5	< 0.5
F64A1	12/12/1996		6	< 5	< 5	< 5	< 5	< 5	< 5	
F64A1	3/5/1997		25	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F64A1	6/5/1997		36	< 0.5	< 0.5	< 0.5	< 0.5	1.5	0.8	< 0.5
F64A1	6/5/1997	Dup	34	< 0.5	< 0.5	< 0.5	< 0.5	1.1	1	< 0.5

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F64A1	9/10/1997		42	0.78	< 0.5	< 0.5	< 0.5	1.4	1.4	< 0.5
F64A1	12/3/1997		29	< 0.5	< 0.5	< 0.5	< 0.5	0.83	< 0.5	< 0.5
F64A1	12/10/1998		44	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
F64A1	12/9/1999		2.26	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F64A1	12/5/2000		40	< 0.50	< 0.50	< 0.50	< 0.50	0.93	< 2.0	< 0.50
F64A1	6/19/2001		39	< 0.50	< 0.50	< 0.50	< 0.50	1.3	< 2.0	< 0.50
F64A1	6/25/2003		38	< 0.50	< 0.50	< 0.50	< 0.50	0.99	0.93	< 0.50
F64A1	6/22/2005		37	< 0.50	< 0.50	< 0.50	1.4	< 0.50	< 0.50	< 0.50
F64A1	8/13/2007		36	< 0.50	< 0.50	< 0.50	0.59	1.2	1.3	< 0.50
F64A1	8/15/2009		31	< 0.50	< 0.50	< 0.50	0.72	1.0	0.55	< 0.50
F65A1U	12/10/1990		23	0.3	0.4	0.3		23	1	0.5
F65A1U	4/9/1991		48	< 0.5	< 0.5	< 0.5	7.9	26	< 0.5	< 0.5
F65A1U	7/31/1991		40	< 10	< 10	< 10	< 10	18	< 10	< 10
F65A1U	10/11/1991		45	< 0.5	< 0.5	< 0.5	5.4	21	< 0.5	< 0.5
F65A1U	12/11/1991		46	< 5	< 5	< 5		29	< 5	
F65A1U	3/6/1992		34	< 0.5	< 0.5	< 0.5	3.2	15	< 0.5	< 0.5
F65A1U	6/3/1992		40	< 0.5	< 0.5	0.5	2.9	17	< 0.5	< 0.5
F65A1U	9/14/1992		41	< 0.5	< 0.5	0.5	2.7	17	< 0.5	< 0.5
F65A1U	12/4/1992		42	< 5	< 5	< 5	< 5	23	< 5	
F65A1U	3/9/1993		42	< 0.5	< 0.5	< 0.5	2.3	39	< 0.5	< 0.5
F65A1U	6/10/1993		24	< 0.5	< 0.5	< 0.5	5.7	39	< 0.5	< 0.5
F65A1U	9/9/1993		34	< 0.5	< 0.5	< 0.5	10	23	< 0.5	< 0.5
F65A1U	12/2/1993		37	< 5	< 5	< 5	11	38	< 5	
F65A1U	3/3/1994		55	< 0.5	< 0.5	< 0.5	12	65	< 0.5	< 0.5
F65A1U	6/8/1994		43	< 0.5	< 0.5	< 0.5	15	87	< 0.5	< 0.5
F65A1U	9/6/1994		48	< 0.5	< 0.5	< 0.5	15	78	< 0.5	< 0.5
F65A1U	12/5/1994		47	< 5	< 5	< 5	14	94	< 5	
F65A1U	3/2/1995		43	< 0.5	< 0.5	< 0.5	8.5	130	< 0.5	< 0.5
F65A1U	6/8/1995		18	< 0.5	< 0.5	< 0.5	7.7	71	< 0.5	< 0.5
F65A1U	9/7/1995		36	< 2.5	< 2.5	< 2.5	27	88	< 2.5	< 2.5
F65A1U	12/6/1995		48	< 0.5	< 0.5	< 0.5	36	110	< 1	< 0.5
F65A1U	3/6/1996		42	< 0.5	< 0.5	< 0.5	19	120	< 0.5	< 0.5
F65A1U	6/10/1996		35	< 2.5	< 2.5	< 2.5	26	140	< 2.5	< 2.5
F65A1U	9/12/1996		30	< 2.5	< 2.5	< 2.5	22	140	< 2.5	< 2.5
F65A1U	9/12/1996	Dup	34	< 2.5	< 2.5	< 2.5	23	110	< 2.5	< 2.5
F65A1U	12/12/1996		32	< 5	< 5	< 5	17	190	< 5	
F65A1U	6/5/1997		30	< 2.5	< 2.5	< 2.5	14	140	< 2.5	< 2.5
F65A1U	12/5/1997		26	< 2.5	< 2.5	< 2.5	10	140	< 2.5	< 2.5
F65A1U	12/5/1997	Dup	27	< 2.5	< 2.5	< 2.5	9.9	130	< 2.5	< 2.5
F65A1U	6/4/1998		10	< 5	< 5	< 5	7.1	100	< 5	< 5
F65A1U	12/10/1998		19.6	< 5	< 5	< 5	9.74	89.1	< 5	< 5
F65A1U	6/8/1999		17.0	< 10.0	< 10.0	< 10.0	< 10.0	114	< 10.0	< 10.0
F65A1U	12/8/1999		20	< 1.67	< 1.67	< 1.67	10.2	94.9	< 3.33	< 1.67
F65A1U	6/8/2000		19	< 2.5	< 2.5	< 2.5	3.6	110	< 2.5	< 2.5
F65A1U	12/8/2000		13	< 2.5	< 2.5	< 2.5	4.5	71	< 10	< 2.5
F66A	12/10/1990		0.5	0.3	0.4	0.3		0.2	1	0.5
F66A	4/9/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1	< 0.5	< 0.5
F66A	7/31/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F66A	10/31/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F66A	12/11/1991		< 5	< 5	< 5	< 5		< 5	< 5	
F66A	3/6/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F66A	6/3/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F66A	6/3/1992	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F66A	9/14/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F66A	12/4/1992		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F66A	6/10/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F66A	12/2/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F66A	6/8/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F66A	6/8/1994	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F66A	12/5/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F66A	12/5/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F66A	12/10/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F73A1	12/10/1990		0.5	0.3	0.4	0.3		0.2	1	0.5
F73A1	4/19/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F73A1	7/31/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F73A1	10/9/1991		< 0.5	< 0.5	0.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F73A1	12/10/1991		< 5	< 5	< 5	< 5		< 5	< 5	
F73A1	3/4/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F73A1	6/15/1992		< 0.5	< 0.5	< 0.5	< 0.5	0.6	< 0.5	< 0.5	< 0.5
F73A1	9/10/1992		< 0.5	< 0.5	3.5	< 0.5	4.3	< 0.5	< 0.5	< 0.5
F73A1	9/10/1992	Dup	< 0.5	< 0.5	8.3	< 0.5	11	< 0.5	< 0.5	< 0.5
F73A1	12/10/1992		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F73A1	3/10/1993		< 0.5	0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F73A1	6/9/1993		< 0.5	< 0.5	4.3	< 0.5	11	< 0.5	< 0.5	< 0.5
F73A1	9/9/1993		< 0.5	< 0.5	26		89	< 0.5	< 0.5	< 0.5
F73A1	9/9/1993	Dup	< 0.5	< 0.5	6.8		12	< 0.5	< 0.5	< 0.5
F73A1	12/3/1993		< 5	< 5	14	< 5	37	< 5	< 5	
F73A1	3/2/1994		< 0.5	< 0.5	15		49	< 0.5	< 0.5	< 0.5
F73A1	6/2/1994		< 0.5	< 0.5	0.94		3	< 0.5	< 0.5	< 0.5
F73A1	9/7/1994		< 0.5	< 0.5	< 0.5	< 0.5	1.1	< 0.5	< 0.5	< 0.5
F73A1	12/12/1994		< 5	< 5	12		53	< 5	< 5	
F73A1	3/2/1995		< 0.5	< 0.5	19		100	< 0.5	< 0.5	< 0.5
F73A1	6/5/1995		< 0.5	< 0.5	7		36	< 0.5	< 0.5	< 0.5
F73A1	9/6/1995		< 0.5	< 0.5	35		140	< 0.5	< 0.5	< 0.5
F73A1	12/7/1995		< 5	< 5	37		170	< 5	< 5	
F73A1	3/6/1996		< 0.5	< 0.5	64	27	310	0.86	< 0.5	< 0.5
F73A1	6/5/1996		< 5	< 5	120	67	460	< 5	< 5	< 5
F73A1	6/5/1996	Dup	< 5	< 5	120	66	450	< 5	< 5	< 5
F73A1	9/11/1996		< 5	< 5	79	32	320	< 5	< 5	< 5
F73A1	12/12/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F73A1	3/5/1997		< 10	< 10	110	40	440	< 10	< 10	< 10
F73A1	6/4/1997		< 2.5	< 2.5	45	23	160	< 2.5	< 2.5	< 2.5
F73A1	9/11/1997		< 2.5	< 2.5	69	35	250	< 2.5	< 2.5	< 2.5
F73A1	12/22/1997		< 2.5	< 2.5	100	55	370	< 2.5	< 2.5	< 2.5
F73A1	6/2/1998		< 25	< 25	160	75	660	< 25	< 25	< 25
F73A1	6/2/1998	Dup	< 25	< 25	160	72	630	< 25	< 25	< 25
F73A1	12/11/1998		< 25	< 25	150	52.8	544	< 25	< 25	< 25
F73A1	6/10/1999		< 50.0	< 50.0	175	82.7	660	< 50.0	< 50.0	< 50.0
F73A1	12/14/1999		< 25	< 25	196	99	720	< 25	< 25	< 25
F73A1	6/8/2000		< 10	< 10	170	70	660	< 10	< 10	< 10
F73A1	12/6/2000		< 10	< 10	200	< 10	630	< 10	< 40	< 10
F73A1	6/20/2001		< 10	< 10	160	60	520	< 10	< 40	< 10
F73A1	6/25/2003		< 0.50	< 0.50	18	8.0	65	< 0.50	< 0.50	< 0.50
F73A1	6/22/2005		< 2.5	< 2.5	16	13	66	< 2.5	< 2.5	< 2.5
F73A1	6/18/2007		< 0.50	< 0.50	2.9	2.5	16	< 0.50	< 0.50	< 0.50
F73A1	6/12/2008		< 0.50	< 0.50	2.7	2.1	14	< 0.50	< 0.50	< 0.50
F73A1	12/10/2008		< 0.50	< 0.50	2.4	1.8	13	< 0.50	< 0.50	< 0.50
F73A1	6/11/2009		< 0.50	< 0.50	2.6	2.0	13	< 0.50	< 0.50	< 0.50
F74A	12/12/1990		3.4	0.3	1.7	0.3		0.2	1	0.5
F74A	4/18/1991		10	< 0.5	3	< 0.5	2	< 0.5	< 0.5	< 0.5
F74A	4/18/1991	Dup	9.7	< 0.5	2.3	< 0.5	1.6	< 0.5	< 0.5	< 0.5
F74A	7/23/1991		17	< 0.5	1.7	< 0.5	1.4	< 0.5	< 0.5	< 0.5

TABLE 4-1
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THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F74A	10/10/1991		15	< 0.5	2.2	< 0.5	1.5	< 0.5	< 0.5	< 0.5
F74A	12/12/1991		7.6	< 5	< 5	< 5		< 5	< 5	
F74A	3/11/1992		2.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F74A	6/12/1992		1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F74A	9/15/1992		13	< 0.5	2.5	< 0.5	1.3	< 0.5	< 0.5	< 0.5
F74A	12/4/1992		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F74A	2/3/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F74A	3/10/1993		0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F74A	6/15/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F74A	9/10/1993		1.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F74A	12/7/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F74A	3/4/1994		0.58	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F74A	6/10/1994		1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F74A	9/8/1994		2.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F74A	9/8/1994	Dup	1.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F74A	12/9/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F74A	3/2/1995		4.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F74A	3/2/1995	Dup	4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F74A	6/5/1995		9.5	< 0.5	1.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F74A	9/6/1995		15	< 0.5	3.2		1.2	< 0.5	< 0.5	< 0.5
F74A	12/7/1995		16	< 5	< 5	< 5	< 5	< 5	< 5	
F74A	3/5/1996		17	< 0.5	3.3	0.62	1.1	< 0.5	< 0.5	< 0.5
F74A	6/7/1996		12	< 0.5	2.8	0.73	1	< 0.5	< 0.5	< 0.5
F74A	9/10/1996		15	< 0.5	3.2	1.2	1.2	< 0.5	< 0.5	< 0.5
F74A	12/11/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F74A	3/4/1997		3.3	< 0.5	0.68	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F74A	3/4/1997	Dup	3.4	< 0.5	0.69	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F74A	6/6/1997		4.4	< 0.5	0.69	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F74A	9/10/1997		2.8	< 0.5	0.59	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F74A	12/5/1997		2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F74A	6/4/1998		2.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F74A	12/10/1998		3.3	< 0.5	0.581	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F74A	6/9/1999		12.2	< 0.500	3.21	1.66	1.30	< 0.500	< 0.500	< 0.500
F74A	12/7/1999		4.65	< 0.5	0.798	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F74A	1/28/2000		5.41	< 0.5	0.945	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F74A	6/7/2000		1.1	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F74A	6/7/2000	Dup	1.3	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F74A	12/8/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F74A	6/21/2001		0.80	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F74A	6/26/2002		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F74A	6/26/2002	Dup	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F74A	6/26/2003		3.9	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F74A	6/22/2004		15	< 0.50	1.8	1.1	0.76	< 0.50	< 0.50	< 0.50
F74A	6/21/2005		22	< 0.50	2.5	3.0	1.2	< 0.50	< 0.50	< 0.50
F74A	9/10/2007		2.7	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F74A	6/26/2008		23	< 0.50	1.6	3.0	1.1	< 0.50	< 0.50	< 0.50
F74A	6/15/2009		34	< 0.50	1.8	2.8	1.1	< 0.50	< 0.50	< 0.50
F75A1U	12/12/1990		0.5	0.3	1.2	0.3		0.2	1	0.5
F75A1U	4/22/1991		1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F75A1U	7/23/1991		< 0.5	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5
F75A1U	10/11/1991		< 0.5	< 0.5	0.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F75A1U	12/12/1991		< 5	< 5	< 5	< 5		< 5	< 5	
F75A1U	3/11/1992		0.8	< 0.5	1.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F75A1U	6/12/1992		< 0.5	< 0.5	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F75A1U	9/16/1992		0.6	< 0.5	1.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F75A1U	12/4/1992		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F75A1U	3/11/1993		0.6	< 0.5	2.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F75A1U	6/15/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F75A1U	9/10/1993		1.3	< 0.5	1.4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F75A1U	12/7/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F75A1U	3/4/1994		0.86	< 0.5	2.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F75A1U	6/10/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F75A1U	6/10/1994	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F75A1U	9/8/1994		0.72	< 0.5	1.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F75A1U	12/9/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F75A1U	3/2/1995		< 0.5	< 0.5	0.94	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F75A1U	6/5/1995		< 0.5	< 0.5	0.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F75A1U	9/5/1995		0.61	< 0.5	1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F75A1U	12/5/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F75A1U	3/4/1996		< 0.5	< 0.5	1.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F75A1U	6/5/1996		< 0.5	< 0.5	1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F75A1U	9/10/1996		1.3	< 0.5	1.2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F75A1U	12/10/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F75A1U	3/4/1997		1.2	< 0.5	1.2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F75A1U	6/3/1997		1.2	< 0.5	1.6	0.5	< 0.5	< 0.5	< 0.5	< 0.5
F75A1U	9/9/1997		1.1	< 0.5	1.8	0.51	< 0.5	< 0.5	< 0.5	< 0.5
F75A1U	12/5/1997		0.76	< 0.5	1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F75A1U	6/4/1998		0.55	< 0.5	1.3	0.57	< 0.5	< 0.5	< 0.5	< 0.5
F75A1U	12/10/1998		1.15	< 0.5	1.79	0.716	< 0.5	< 0.5	< 0.5	< 0.5
F75A1U	6/9/1999		1.13	< 0.500	1.48	0.806	< 0.500	< 0.500	< 0.500	< 0.500
F75A1U	12/7/1999		1.3	< 0.5	1.59	0.759	< 0.5	< 0.5	< 0.5	< 0.5
F75A1U	1/28/2000		< 0.5	< 0.5	0.606	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F75A1U	1/28/2000	Dup	< 0.5	< 0.5	0.573	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F75A1U	6/7/2000		1.0	< 0.50	1.0	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F75A1U	12/6/2000		1.1	< 0.50	1.1	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F75A1U	12/8/2000	Dup	1.1	< 0.50	1.2	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F75A1U	6/21/2001		0.84	< 0.50	0.76	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F75A1U	6/26/2003		0.85	< 0.50	0.68	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F75A1U	6/21/2005		1.1	< 0.50	0.85	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F75A1U	6/21/2005	Dup	1.1	< 0.50	0.69	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F75A1U	9/10/2007		0.68	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F75A1U	6/15/2009		0.91	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F76A2	12/12/1990		0.5	0.3	1.3	0.4		0.2	1	0.5
F76A2	4/11/1991		< 0.5	< 0.5	1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F76A2	7/30/1991		< 0.5	< 0.5	1.2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F76A2	10/7/1991		< 0.5	< 0.5	0.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F76A2	12/10/1991		< 5	< 5	< 5	< 5		< 5	< 5	
F76A2	3/9/1992		0.5	< 0.5	0.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F76A2	6/9/1992		< 0.5	< 0.5	0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F76A2	12/18/1992		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F76A2	3/6/1996		< 0.5	< 0.5	3.1	1.6	0.54	< 0.5	< 0.5	< 0.5
F76A2	6/4/1996		< 0.5	< 0.5	2.2	0.6	< 0.5	< 0.5	< 0.5	< 0.5
F76A2	9/10/1996		< 0.5	< 0.5	3	0.72	< 0.5	< 0.5	< 0.5	< 0.5
F76A2	12/9/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F76A2	12/9/1996	Dup	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F76A2	3/4/1997		< 0.5	< 0.5	4.5	2	< 0.5	< 0.5	< 0.5	< 0.5
F76A2	6/3/1997		< 0.5	< 0.5	7.3	4.4	0.88	< 0.5	< 0.5	< 0.5
F76A2	9/10/1997		< 0.5	< 0.5	5.4	3.2	0.6	< 0.5	< 0.5	< 0.5
F76A2	12/5/1997		< 0.5	< 0.5	5.2	2.9	< 0.5	< 0.5	< 0.5	< 0.5
F76A2	12/9/1998		< 0.5	< 0.5	5.06	3.02	0.538	< 0.5	< 0.5	< 0.5
F76A2	12/14/1999		< 0.5	< 0.5	7.01	3.98	0.975	< 0.5	< 0.5	< 0.5
F76A2	12/14/1999	Dup	< 0.5	< 0.5	7.89	4.57	1.07	< 0.5	< 0.5	< 0.5
F76A2	12/6/2000		< 0.50	< 0.50	7.0	4.8	0.91	< 0.50	< 2.0	< 0.50

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F77A1U	12/12/1990		150	25	5.6	23		2	10	0.5
F77A1U	4/11/1991		250	26	7		3	< 3	< 3	< 3
F77A1U	7/30/1991		230	24	6.3		2.6	< 0.5	< 0.5	< 0.5
F77A1U	10/7/1991		210	26	7	< 2.5	2.8	< 0.5	< 0.5	< 0.5
F77A1U	12/10/1991		200	17	6.9			< 5	< 5	
F77A1U	3/9/1992		150	21	6.2	< 2.5	2.8	< 0.5	< 0.5	< 0.5
F77A1U	6/9/1992		190	23	8.2	< 2.5	14	< 0.5	< 0.5	< 0.5
F77A1U	12/17/1992		190	17	< 5		< 5	< 5	< 5	
F77A1U	3/6/1996		120	10	2.8	9.7	1.8	< 0.5	< 0.5	< 0.5
F77A1U	6/5/1996		140	18	3.7	12	3	< 2.5	< 2.5	< 2.5
F77A1U	9/12/1996		140	19	4	14	3.4	< 2.5	< 2.5	< 2.5
F77A1U	9/12/1996	Dup	140	20	4.2	15	3.6	< 2.5	< 2.5	< 2.5
F77A1U	12/13/1996		150	15	< 5	13	< 5	< 5	< 5	
F77A1U	3/6/1997		39	3	1.1	1.5	1.2	< 0.5	< 0.5	< 0.5
F77A1U	6/6/1997		150	21	4.3	13	3.9	< 2.5	< 2.5	< 2.5
F77A1U	9/12/1997		170	22	3.4	12	3.1	< 2.5	< 2.5	< 2.5
F77A1U	12/5/1997		99	8.3	< 2.5	3.8	< 2.5	< 2.5	< 2.5	< 2.5
F77A1U	6/3/1998		110	< 10	< 10	< 10	< 10	< 10	< 10	< 10
F77A1U	12/9/1998		120	10.9	< 2.5	5.41	< 2.5	< 2.5	< 2.5	< 2.5
F77A1U	6/9/1999		114	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
F77A1U	12/14/1999		118	7.32	< 5	< 5	< 5	< 5	< 5	< 5
F77A1U	6/7/2000		100	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 10	< 2.5
F77A1U	6/7/2000	Dup	100	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 10	< 2.5
F77A1U	12/8/2000		100	3.6	< 2.5	< 2.5	< 2.5	< 2.5	< 10	< 2.5
F77A1U	6/21/2001		88	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 10	< 2.5
F77A1U	6/26/2003		58	1.5	< 0.50	0.94	< 0.50	< 0.50	< 0.50	< 0.50
F77A1U	6/20/2005		47	1.1	< 0.50	1.1	< 0.50	< 0.50	< 0.50	< 0.50
F77A1U	6/14/2007		44	0.89	< 0.50	1.0	< 0.50	< 0.50	< 0.50	< 0.50
F77A1U	6/10/2009		32	0.55	< 0.50	0.55	< 0.50	< 0.50	< 0.50	< 0.50
F78A1	12/18/1990		5	4.2	5.2	14		2	10	10
F78A1	4/16/1991		11	7	8		1	1	< 0.5	< 0.5
F78A1	7/24/1991		32	6.2	4.4		0.6	2	< 0.5	< 0.5
F78A1	11/1/1991		43	5.8	4.2		0.7	2.9	2.1	< 0.5
F78A1	12/5/1991		48	7.5	< 5			< 5	< 5	
F78A1	3/6/1992		50	5.3	3.4		0.6	4	2.1	< 0.5
F78A1	6/11/1992		98	5	2.2	< 1	0.5	8.4	3	< 0.5
F78A1	9/11/1992		98	3.1	1.9	< 2.5	< 0.5	13	3.5	< 0.5
F78A1	12/15/1992		89	< 5	< 5			14	< 5	
F78A1	3/5/1993		120	4.1	3	< 2.5	0.6	22	3	< 0.5
F78A1	6/10/1993		110	3.2	1.6	< 2.5	< 0.5	24	2.2	< 0.5
F78A1	9/13/1993		130	1.8	1.1	< 2.5	< 0.5	21	< 0.5	< 0.5
F78A1	12/3/1993		120	< 5	< 5		< 5	23	< 5	
F78A1	3/2/1994		190	2	1.6		< 0.5	32	2.8	< 0.5
F78A1	6/10/1994		150	1.5	0.66		< 0.5	47	2.4	< 0.5
F78A1	9/6/1994		120	1.1	0.57		< 0.5	44	1.6	< 0.5
F78A1	12/7/1994		99	< 5	< 5		< 5	32	< 5	
F78A1	3/2/1995		27	< 0.5	< 0.5		< 0.5	8.5	< 0.5	< 0.5
F78A1	6/8/1995		90	0.76	1.5		< 0.5	22	0.99	< 0.5
F78A1	9/7/1995		83	< 0.5	1.7		< 0.5	16	< 0.5	< 0.5
F78A1	12/8/1995		66	< 5	< 5		< 5	18	< 5	
F78A1	12/8/1995	Dup	58	< 5	< 5		< 5	14	< 5	
F78A1	3/6/1996		48	< 0.5	1.2	8.3	< 0.5	14	< 0.5	< 0.5
F78A1	6/7/1996		80	1.1	2.5	8.2	< 1	21	< 1	< 1
F78A1	9/12/1996		94	2	2.6	9.5	< 1	33	< 1	< 1
F78A1	12/13/1996		74	< 5	< 5	6	< 5	20	< 5	
F78A1	3/6/1997		46	< 0.5	1.7	2.4	< 0.5	18	< 0.5	< 0.5
F78A1	6/5/1997		41	< 0.5	2	2.4	< 0.5	18	< 0.5	< 0.5

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F78A1	9/11/1997		41	< 0.5	0.81	2.5	< 0.5	25	< 0.5	< 0.5
F78A1	12/3/1997		18	< 0.5	0.53	0.99	< 0.5	6.2	< 0.5	< 0.5
F78A1	6/4/1998		20	< 0.5	< 0.5	0.75	< 0.5	12	< 0.5	< 0.5
F78A1	12/10/1998		14.6	< 0.5	< 0.5	0.792	< 0.5	9.9	< 0.5	< 0.5
F78A1	6/10/1999		9.62	< 0.500	< 0.500	0.610	< 0.500	6.25	< 0.500	< 0.500
F78A1	6/10/1999	Dup	8.94	< 0.500	< 0.500	0.574	< 0.500	6.12	< 0.500	< 0.500
F78A1	12/9/1999		6.34	< 0.5	< 0.5	< 0.5	< 0.5	2.93	< 1	< 0.5
F78A1	6/7/2000		< 0.50	< 0.50	5.6	6.2	0.71	< 0.50	< 2.0	< 0.50
F78A1	12/5/2000		6.9	< 0.50	< 0.50	< 0.50	< 0.50	3.0	< 2.0	< 0.50
F78A1	12/5/2000	Dup	7.7	< 0.50	< 0.50	< 0.50	< 0.50	4.0	< 2.0	< 0.50
F78A1	6/19/2001		5.3	< 0.50	< 0.50	< 0.50	< 0.50	2.5	< 2.0	< 0.50
F78A1	6/25/2003		5.9	< 0.50	0.64	0.55	< 0.50	2.6	< 0.50	< 0.50
F78A1	6/22/2005		3.7	< 0.50	0.55	0.94	< 0.50	1.2	< 0.50	< 0.50
F78A1	6/13/2007		1.9	< 0.50	< 0.50	< 0.50	< 0.50	0.63	< 0.50	< 0.50
F78A1	6/11/2009		1.7	< 0.50	< 0.50	< 0.50	< 0.50	0.60	< 0.50	< 0.50
F79A2D	12/10/1990		1.8	0.9	0.8	0.3		0.2	1	0.5
F79A2D	4/9/1991		2	< 0.5	1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F79A2D	7/25/1991		2.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F79A2D	11/5/1991		1.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F79A2D	12/10/1991		< 5	< 5	< 5	< 5		< 5	< 5	
F79A2D	3/12/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F79A2D	6/10/1992		1.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F79A2D	9/14/1992		0.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F79A2D	12/11/1992		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F79A2D	3/9/1993		1.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F79A2D	6/8/1993		0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F79A2D	9/14/1993		2.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F79A2D	12/9/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F79A2D	3/7/1994		0.95	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F79A2D	6/6/1994		0.75	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F79A2D	12/9/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F79A2D	6/5/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F79A2D	12/4/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F79A2D	6/4/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F79A2D	12/9/1996		51	12	< 5	< 5	6.1	< 5	< 5	
F79A2D	6/4/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F79A2D	12/9/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F79A2D	12/10/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F79A2D	12/9/1999		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F79A2D	12/5/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F79A2D	3/9/2007		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F80A2	12/10/1990		0.5	0.7	0.4	0.3		0.2	1	0.5
F80A2	4/19/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F80A2	7/31/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F80A2	10/9/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F80A2	12/10/1991		< 5	< 5	< 5	< 5		< 5	< 5	
F80A2	3/4/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F80A2	6/15/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F80A2	9/10/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F80A2	12/10/1992		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F80A2	6/9/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F80A2	12/3/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F80A2	6/2/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F83A1U	12/11/1990		93	28	4	9.9		2	10	0.5
F83A1U	4/22/1991		120	28	3	< 3	2	< 0.5	< 0.5	< 0.5

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F83A1U	7/30/1991		110	25	2.6		1.3	< 0.5	< 0.5	< 0.5
F83A1U	10/9/1991		110	25	2.6		1.2	< 1	< 1	< 1
F83A1U	12/10/1991		110	19	< 5			< 5	< 5	
F83A1U	12/10/1991	Dup	100	17	< 5			< 5	< 5	
F83A1U	3/5/1992		94	18	2.2	< 1	1.4	< 0.5	< 0.5	< 0.5
F83A1U	6/5/1992		95	17	1.6	< 1	1.7	< 0.5	< 0.5	< 0.5
F83A1U	9/22/1992		94	18	2.3	< 1	1.3	< 0.5	< 0.5	< 0.5
F83A1U	12/11/1992		100	18	< 5		< 5	< 5	< 5	
F83A1U	3/9/1993		94	27	3.8	< 2.5	2.7	< 0.5	< 0.5	< 0.5
F83A1U	6/11/1993		87	24	1.8	< 2.5	3.5	< 0.5	< 0.5	< 0.5
F83A1U	9/10/1993		61	18	1.8	< 1	1.5	< 0.5	< 0.5	< 0.5
F83A1U	12/3/1993		81	17	< 5		< 5	< 5	< 5	
F83A1U	3/2/1994		100	30	5.8		13	< 0.5	< 0.5	< 0.5
F83A1U	6/10/1994		18	5.4	< 0.5		2.2	< 0.5	< 0.5	< 0.5
F83A1U	9/7/1994		81	27	2.8		6.2	< 0.5	< 0.5	< 0.5
F83A1U	12/12/1994		65	24	< 5		11	< 5	< 5	
F83A1U	3/2/1995		72	24	2.9		7.9	< 0.5	< 0.5	< 0.5
F83A1U	6/5/1995		78	29	2.7		7.5	< 0.5	< 0.5	< 0.5
F83A1U	6/5/1995	Dup	88	33	2.8		8.1	< 0.5	< 0.5	< 0.5
F83A1U	9/7/1995		89	34	< 2.5		6.6	< 2.5	< 2.5	< 2.5
F83A1U	12/8/1995		71	28	< 5		< 5	< 5	< 5	
F83A1U	12/8/1995	Dup	78	30	< 5		< 5	< 5	< 5	
F83A1U	3/6/1996		100	33	3.3	15	8.6	< 0.5	< 0.5	< 0.5
F83A1U	6/5/1996		100	38	3.6	15	12	< 2.5	< 2.5	< 2.5
F83A1U	9/12/1996		87	27	3.6	14	9.8	< 1.2	< 1.2	< 1.2
F83A1U	12/13/1996		51	12	< 5	< 5	6.1	< 5	< 5	
F84A1	12/11/1990		0.5	0.3	0.4	0.3		0.2	1	0.5
F84A1	4/22/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F84A1	7/30/1991		0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F84A1	7/30/1991	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F84A1	10/9/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F84A1	12/10/1991		< 5	< 5	< 5	< 5		< 5	< 5	
F84A1	3/5/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F84A1	3/5/1992	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F84A1	6/5/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F84A1	9/21/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F84A1	12/10/1992		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F84A1	6/11/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F84A1	12/3/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F84A1	6/10/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F84A1	12/12/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F84A1	6/2/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F84A1	12/4/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F84A1	6/4/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F84A1	12/9/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F84A1	6/3/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F84A1	12/10/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F84A1	12/10/1997	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F84A1	12/8/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F84A1	12/14/1999		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F84A1	12/5/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F85A1	12/11/1990		0.5	5.7	2.6	7.9		0.2	1	0.5
F85A1	4/15/1991		1	4	2		< 0.5	< 0.5	< 0.5	< 0.5
F85A1	7/24/1991		0.8	3.9	2.8		< 0.5	< 0.5	< 0.5	< 0.5
F85A1	10/8/1991		< 0.5	4.6	3.3		< 0.5	< 0.5	< 0.5	< 0.5
F85A1	12/10/1991		< 5	< 5	< 5			< 5	< 5	

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F85A1	3/5/1992		< 0.5	2.2	1.7		< 0.5	< 0.5	< 0.5	< 0.5
F85A1	6/8/1992		0.6	2.3	1.4		< 0.5	< 0.5	< 0.5	< 0.5
F85A1	9/15/1992		0.8	1.9	1.4		< 0.5	< 0.5	< 0.5	< 0.5
F85A1	9/15/1992	Dup	0.5	1.5	1.1		< 0.5	< 0.5	< 0.5	< 0.5
F85A1	12/11/1992		< 5	6.9	< 5		< 5	< 5	< 5	
F85A1	3/10/1993		0.7	2.3	1.1		< 0.5	< 0.5	< 0.5	< 0.5
F85A1	6/8/1993		0.5	2.1	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F85A1	6/8/1993	Dup	< 0.5	1.9	0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F85A1	9/14/1993		4.6	1.4	0.54	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F85A1	12/9/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F85A1	3/8/1994		< 0.5	0.83	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F85A1	6/6/1994		4.6	0.76	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F85A1	9/6/1994		1.3	3.1	0.54		< 0.5	< 0.5	< 0.5	< 0.5
F85A1	12/9/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F85A1	12/9/1994	Dup	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F85A1	3/3/1995		< 0.5	0.79	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F85A1	6/6/1995		< 0.5	0.55	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F85A1	9/6/1995		1	2.4	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5
F85A1	12/5/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F85A1	3/5/1996		< 0.5	1.6	< 0.5	0.58	< 0.5	< 0.5	< 0.5	< 0.5
F85A1	3/5/1996	Dup	< 0.5	1.8	< 0.5	0.65	< 0.5	< 0.5	< 0.5	< 0.5
F85A1	6/6/1996		1.3	3.2	< 0.5	1.8	< 0.5	< 0.5	< 0.5	< 0.5
F85A1	9/10/1996		1.2	1.4	< 0.5	1.1	< 0.5	< 0.5	< 0.5	< 0.5
F85A1	12/10/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F85A1	3/4/1997		1.9	2.4	< 0.5	1.7	< 0.5	< 0.5	< 0.5	< 0.5
F85A1	3/4/1997	Dup	1.9	2.1	< 0.5	1.6	< 0.5	< 0.5	< 0.5	< 0.5
F85A1	6/3/1997		2	2.7	< 0.5	2	< 0.5	< 0.5	< 0.5	< 0.5
F85A1	9/10/1997		0.99	0.94	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F85A1	12/3/1997		0.97	0.74	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F85A1	12/10/1998		1.33	0.862	< 0.5	1.04	< 0.5	< 0.5	< 0.5	< 0.5
F85A1	12/9/1999		1.12	< 0.5	< 0.5	0.806	< 0.5	< 0.5	< 0.5	< 0.5
F85A1	12/5/2000		1.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F85A1	6/19/2001		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F85A1	8/25/2003		0.63	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F85A1	6/22/2005		4.1	1.0	0.82	3.7	< 0.50	< 0.50	< 0.50	< 0.50
F85A1	6/13/2007		8.6	0.75	1.1	3.4	< 0.50	1.1	< 0.50	< 0.50
F85A1	6/12/2008		8.3	0.57	0.55	2.1	< 0.50	1.4	< 0.50	< 0.50
F85A1	12/10/2008		5.7	< 0.50	< 0.50	1.2	< 0.50	1.2	< 0.50	< 0.50
F85A1	6/11/2009		1.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F86A2	12/11/1990		0.5	0.3	0.4	0.3		0.2	1	0.5
F86A2	4/15/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F86A2	7/24/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F86A2	11/5/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F86A2	12/10/1991		< 5	< 5	< 5	< 5		< 5	< 5	
F86A2	3/5/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F86A2	6/8/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F86A2	9/15/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F86A2	12/11/1992		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F86A2	6/8/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F86A2	12/9/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F86A2	8/6/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F86A2	6/6/1994	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F86A2	12/9/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F86A2	12/5/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F86A2	12/9/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F86A2	12/2/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F86A2	12/10/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F86A2	12/9/1999		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F86A2	12/5/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F86A2	3/9/2007		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F86A2	6/27/2008		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F86A2	12/12/2008		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F86A2	6/11/2009		2.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F87A2	12/11/1990		0.5	0.3	0.4	0.3		0.2	1	0.5
F87A2	12/11/1990	Dup	5	3	4	3		2	10	0.5
F87A2	4/19/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F87A2	7/31/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F87A2	11/6/1991		11	< 0.5	< 0.5		< 0.5	13	< 0.5	< 0.5
F87A2	12/5/1991		< 5	< 5	< 5	< 5		< 5	< 5	
F87A2	3/12/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F87A2	6/3/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F87A2	9/18/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F87A2	12/11/1992		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F87A2	3/9/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F87A2	6/11/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F87A2	9/10/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F87A2	12/3/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F87A2	3/7/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F87A2	6/6/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F87A2	6/6/1994	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F87A2	12/5/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F87A2	6/5/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F87A2	12/4/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F87A2	6/6/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F87A2	12/9/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F87A2	6/5/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F87A2	12/9/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F87A2	6/3/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F87A2	12/8/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F87A2	6/9/1999		< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500
F87A2	12/8/1999		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5
F87A2	6/6/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F87A2	12/6/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F88A1U	12/11/1990		3.4	0.3	0.4	0.3		0.2	1	0.5
F88A1U	4/11/1991		120	43	< 5		43	250	< 5	< 0.5
F88A1U	5/3/1991		110	25	4.5		57	210	< 0.5	< 0.5
F88A1U	7/31/1991		100	4.6	1.4		22	88	< 0.5	< 0.5
F88A1U	11/12/1991		92	5.3	< 0.5		23	81	< 0.5	< 0.5
F88A1U	12/12/1991		86	< 5	< 5			89	< 5	
F88A1U	3/9/1992		99	1.1	< 0.5	< 1	13	38	< 0.5	< 0.5
F88A1U	3/9/1992	Dup	110	1.3	< 0.5	< 1	15	41	< 0.5	< 0.5
F88A1U	6/15/1992		93	0.5	< 0.5	< 1	5.4	26	< 0.5	< 0.5
F88A1U	9/22/1992		86	0.7	0.5	< 1	3.5	20	< 0.5	< 0.5
F88A1U	9/22/1992	Dup	80	< 0.5	< 0.5	< 1	3.6	21	< 0.5	< 0.5
F88A1U	12/16/1992		< 5	< 5	< 5	< 5		< 5	< 5	
F88A1U	3/8/1993		44	0.9	< 0.5		1.8	20	< 0.5	< 0.5
F88A1U	6/9/1993		14	< 0.5	< 0.5	< 0.5	0.5	3.1	< 0.5	< 0.5
F88A1U	6/9/1993	Dup	12	2.7	< 0.5	< 0.5	2.8	2.3	< 0.5	< 0.5
F88A1U	9/13/1993		24	< 0.5	< 0.5		0.91	5.3	< 0.5	< 0.5
F88A1U	12/9/1993		28	< 5	< 5	< 5	< 5	16	< 5	
F88A1U	3/10/1994		38	< 0.5	< 0.5		3	9.7	< 0.5	< 0.5
F88A1U	6/2/1994		34	< 0.5	0.66		3.2	8.8	< 0.5	< 0.5
F88A1U	8/2/1994	Dup	33	< 0.5	0.63		3	8.1	< 0.5	< 0.5

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F88A1U	9/9/1994		35	< 0.5	< 0.5		5.5	5.8	< 0.5	< 0.5
F88A1U	12/13/1994		87	< 5	< 5		41	12	< 5	
F88A1U	3/7/1995		49	< 0.5	< 0.5		7.6	17	< 0.5	< 0.5
F88A1U	6/7/1995		42	< 0.5	< 0.5		1.9	5.5	< 0.5	< 0.5
F88A1U	6/7/1995	Dup	39	< 0.5	< 0.5		1.8	5	< 0.5	< 0.5
F88A1U	9/6/1995		28	< 0.5	< 0.5		3	4	< 0.5	< 0.5
F88A1U	12/7/1995		46	< 5	< 5	< 5	5	7.5	< 5	
F88A1U	3/6/1996		39	0.86	0.8	< 0.5	1.7	6.2	< 0.6	< 0.5
F88A1U	6/10/1996		29	< 1	< 1	< 1	3	5.1	< 1	< 1
F88A1U	9/11/1996		42	8.1	2.4	12	15	21	< 0.5	< 0.5
F88A1U	12/11/1996		39	6.9	< 5	7.3	15	54	< 5	
F88A1U	3/5/1997		35	2.7	1.3	1.9	3.5	43	< 1	< 1
F88A1U	6/4/1997		24	2.5	1.6	1	3.8	23	< 1	< 1
F88A1U	9/11/1997		31	4.7	1.8	4.7	8.1	34	< 1	< 1
F88A1U	12/4/1997		36	8.7	2.9	8.5	8.1	150	< 0.5	< 0.5
F88A1U	6/5/1998		8.7	1.1	2.8	4.1	0.88	13	< 0.5	< 0.5
F88A1U	6/5/1998	Dup	8.3	1.1	2.6	3.8	0.83	13	< 0.5	< 0.5
F88A1U	12/11/1998		14.4	1.62	2.56	5.57	3.8	25.3	< 0.5	< 0.5
F88A1U	6/9/1999		11.0	1.45	1.98	3.71	1.46	19.5	< 0.500	< 0.500
F88A1U	12/14/1999		35.6	8.19	< 5	9.31	6.96	106	< 5	< 5
F88A1U	6/8/2000		17	1.9	2.1	3.5	1.7	40	< 0.50	< 0.50
F88A1U	12/8/2000		25	3.4	1.7	6.4	4.2	58	< 4.0	< 1.0
F88A1U	6/27/2003		23	1.3	1.9	2.8	6.4	160	< 1.0	< 1.0
F88A1U	6/20/2005		18	0.77	1.4	2.0	6.7	49	< 0.50	< 0.50
F88A1U	6/20/2007		17	1.3	0.88	2.2	1.8	87	< 0.50	< 0.50
F88A1U	6/10/2009		36	2.9	< 2.5	6.6	9.4	390	< 2.5	< 2.5
F89A	12/11/1990		42	7.1	2.5	9		26	1	0.5
F89A	4/15/1991		20	1	1		< 0.5	< 0.5	< 0.5	< 0.5
F89A	7/31/1991		5.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F89A	10/10/1991		3.2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F89A	12/12/1991		< 5	< 5	< 5	< 5		< 5	< 5	
F89A	12/12/1991	Dup	< 5	< 5	< 5	< 5		< 5	< 5	
F89A	3/9/1992		4.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F89A	6/15/1992		3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F89A	9/22/1992		29	1.8	1.4		< 0.5	< 0.5	< 0.5	< 0.5
F89A	12/16/1992		27	< 5	< 5	< 5		< 5	< 5	
F89A	3/12/1993		0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F89A	6/9/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F89A	9/13/1993		24	0.9	0.9		< 0.5	< 0.5	< 0.5	< 0.5
F89A	12/9/1993		6.6	< 5	< 5	< 5	< 5	< 5	< 5	
F89A	3/10/1994		4.2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F89A	6/2/1994		6.1	0.72	0.92		0.83	< 0.5	< 0.5	< 0.5
F89A	9/9/1994		12	0.66	0.87		< 0.5	< 0.5	< 0.5	< 0.5
F89A	12/13/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F89A	12/13/1994	Dup	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F89A	3/7/1995		2.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F89A	6/6/1995		2.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F89A	9/5/1995		2.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F89A	12/7/1995		7	< 5	< 5	< 5	< 5	< 5	< 5	
F89A	3/5/1996		2.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F89A	6/6/1996		2.6	1	< 0.5	0.67	< 0.5	< 0.5	< 0.5	< 0.5
F89A	9/10/1996		4.7	1.1	< 0.5	1.3	< 0.5	< 0.5	< 0.5	< 0.5
F89A	12/10/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F89A	3/6/1997		1.2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F89A	6/6/1997		0.68	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F89A	6/6/1997	Dup	0.68	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F89A	9/9/1997		6	1.8	0.68	1.8	< 0.5	< 0.5	< 0.5	< 0.5

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F89A	9/9/1997	Dup	5.8	1.7	0.64	1.4	< 0.5	< 0.5	< 0.5	< 0.5
F89A	12/4/1997		0.85	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F89A	6/3/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F89A	12/11/1998		0.918	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F89A	6/9/1999		< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500
F89A	12/14/1999		2.37	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F89A	6/7/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F89A	12/8/2000		1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F90A1U	12/12/1990		0.5	0.5	1.3	0.3	5	0.2	1	0.5
F90A1U	12/12/1990	Dup	0.5	0.5	1.3	0.3		0.2	1	0.5
F90A1U	4/16/1991		< 0.5	< 0.5	1.2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F90A1U	4/16/1991	Dup	0.5	0.3	1.1	0.3		0.2	1	1
F90A1U	4/16/1991	Dup	0.5	0.3	1.1	0.3		0.2	1	1
F90A1U	7/23/1991		< 0.5	< 0.5	1.2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F90A1U	7/23/1991	Dup	< 0.5	< 0.5	1.2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F90A1U	10/10/1991		< 0.5	< 0.5	1.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F90A1U	12/12/1991		< 5	< 5	< 5	< 5		< 5	< 5	
F90A1U	3/11/1992		< 0.5	< 0.5	1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F90A1U	6/11/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F90A1U	6/11/1992	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F90A1U	9/16/1992		< 0.5	< 0.5	1.2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F90A1U	12/7/1992		< 5	< 5	< 5	< 5		< 5	< 5	
F90A1U	3/9/1993		< 0.5	< 0.5	1.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F90A1U	6/14/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F90A1U	9/13/1993		< 0.5	< 0.5	1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F90A1U	9/13/1993	Dup	< 0.5	< 0.5	0.76	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F90A1U	12/3/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F90A1U	3/4/1994		< 0.5	< 0.5	1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F90A1U	6/9/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F90A1U	9/8/1994		< 0.5	< 0.5	0.83	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F90A1U	12/9/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F90A1U	3/2/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F90A1U	6/2/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F90A1U	9/5/1995		< 0.5	< 0.5	0.89	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F90A1U	12/4/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F90A1U	3/4/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F90A1U	6/4/1996		< 0.5	< 0.5	0.66	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F90A1U	9/10/1996		< 0.5	< 0.5	0.96	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F90A1U	9/10/1996	Dup	< 0.5	< 0.5	0.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F90A1U	12/9/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F90A1U	3/4/1997		< 0.5	< 0.5	0.69	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F90A1U	6/3/1997		< 0.5	< 0.5	0.76	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F90A1U	9/9/1997		< 0.5	< 0.5	0.93	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F90A1U	12/2/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F90A1U	6/5/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F90A1U	12/10/1998		< 0.5	< 0.5	1.02	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F90A1U	6/9/1999		0.599	< 0.500	1.66	0.664	< 0.500	< 0.500	< 0.500	< 0.500
F90A1U	12/7/1999		< 0.5	< 0.5	0.66	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F90A1U	12/7/1999	Dup	< 0.5	< 0.5	0.647	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F90A1U	6/7/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F90A1U	12/8/2000		0.52	< 0.50	1.3	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F90A1U	6/27/2003		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F90A1U	6/22/2004		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F91A1	12/12/1990		0.5	0.3	0.4	0.3		0.2	1	0.5
F91A1	4/18/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F91A1	7/23/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F91A1	10/10/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F91A1	12/12/1991		< 5	< 5	< 5	< 5		< 5	< 5	
F91A1	3/11/1992		0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F91A1	6/11/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F91A1	9/17/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F91A1	12/8/1992		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F91A1	3/12/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F91A1	6/14/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F91A1	9/13/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F91A1	12/8/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F91A1	6/10/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F91A1	12/9/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F91A1	6/2/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F91A1	12/4/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F91A1	6/4/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F91A1	12/20/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F91A1	6/4/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F91A1	12/5/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F91A1	12/10/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F91A1	12/10/1998	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F91A1	12/7/1999		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F91A1	12/8/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F92A2	12/13/1990		5.8	0.3	0.4	0.3		0.2	1	0.5
F92A2	4/22/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F92A2	7/24/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F92A2	10/31/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F92A2	12/11/1991		< 5	< 5	< 5	< 5		< 5	< 5	
F92A2	3/6/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F92A2	6/5/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F92A2	9/11/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F92A2	12/17/1992		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F92A2	3/8/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F92A2	6/14/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F92A2	9/13/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F92A2	9/13/1993	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F92A2	12/9/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F92A2	6/10/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F92A2	12/13/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F92A2	8/2/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F92A2	8/2/1995	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F92A2	12/4/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F92A2	8/4/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F92A2	12/9/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F92A2	6/3/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F92A2	6/3/1997	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F92A2	12/5/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F92A2	8/3/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F92A2	12/9/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F92A2	6/9/1999		0.975	< 0.500	< 0.500	< 0.500	< 0.500	0.557	< 0.500	< 0.500
F92A2	12/8/1999		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5
F92A2	6/8/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F92A2	6/8/2000	Dup	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F92A2	12/7/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F92A2	6/21/2001		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F92A2	6/26/2002		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F92A2	8/26/2003		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F92A2	6/22/2004		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F92A2	6/20/2005		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F92A2	6/27/2006		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F92A2	6/14/2007		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F92A2	6/10/2008		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F92A2	6/16/2009		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F93A1U	12/20/1990		0.5	0.3	0.4	0.3		0.2	1	0.5
F93A1U	4/16/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F93A1U	4/16/1991	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F93A1U	7/30/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F93A1U	3/10/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F93A1U	6/11/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F93A1U	12/3/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F93A1U	6/9/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F93A1U	12/6/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F93A1U	6/2/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F93A1U	12/4/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F93A1U	6/4/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.56	< 0.5	< 0.5
F93A1U	12/9/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F93A1U	12/2/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F94A2	12/20/1990		0.5	0.3	0.4	0.3		0.2	1	0.5
F94A2	4/16/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F94A2	7/30/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F95A	2/6/1991		0.8	0.3	0.4	0.3		0.2	1	0.5
F95A	4/12/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F95A	7/31/1991		1.2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F95A	10/14/1991		1.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F95A	12/11/1991		< 5	< 5	< 5	< 5		< 5	< 5	
F95A	3/6/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F95A	6/12/1992		1.2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F95A	10/12/1992		1.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F95A	12/15/1992		< 5	< 5	< 5	< 5		< 5	< 5	
F95A	6/14/1993		0.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F95A	12/2/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F95A	6/9/1994		1.2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F95A	12/7/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F95A	6/5/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F95A	12/4/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F95A	12/4/1995	Dup	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F95A	6/4/1996		1.4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F95A	12/9/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F95A	12/2/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F95A	12/6/1999		1.93	0.526	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5
F95A	6/20/2001		0.51	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F95A	6/24/2003		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F95A	6/21/2005		0.69	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F95A	6/20/2007		0.53	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F95A	6/11/2009		0.54	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F96A2D	2/6/1991		0.5	0.3	0.4	0.3		0.2	1	0.5
F96A2D	2/6/1991		0.5	0.3	0.4	0.3		0.2	1	0.5
F96A2D	4/12/1991		1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F96A2D	7/30/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F96A2D	12/11/1991		< 5	< 5	< 5	< 5		< 5	< 5	
F97A	12/18/1990		5	9.7	22	12		3.7	10	10

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F97A	12/18/1990		0.5	19	40	19		0.2	1	0.5
F97A	4/22/1991		< 0.5	18	41		< 0.5	< 0.5	< 0.5	< 0.5
F97A	4/22/1991	Dup	< 0.5	18	38		< 0.5	< 0.5	< 0.5	< 0.5
F97A	7/26/1991		< 0.5	17	39		< 0.5	< 0.5	< 0.5	< 0.5
F97A	7/26/1991	Dup	< 0.5	18	38		< 0.5	< 0.5	< 0.5	< 0.5
F97A	10/3/1991		< 0.5	16	38		< 0.5	< 0.5	< 0.5	< 0.5
F97A	12/16/1991		< 5	19	45			< 5	< 5	
F97A	3/12/1992		< 0.5	14	44		< 0.5	< 0.5	< 0.5	< 0.5
F97A	6/15/1992		< 0.5	9.9	36		< 0.5	< 0.5	< 0.5	< 0.5
F97A	10/12/1992		< 0.5	10	34		< 0.5	< 0.5	< 0.5	< 0.5
F97A	12/7/1992		< 5	6.4	33	< 5		< 5	< 5	
F97A	3/8/1993		1.5	6.1	38		< 0.5	< 0.5	< 0.5	< 0.5
F97A	6/15/1993		< 0.5	4.6	28		< 0.5	< 0.5	< 0.5	< 0.5
F97A	9/13/1993		< 0.5	5.7	34		< 0.5	< 0.5	< 0.5	< 0.5
F97A	12/8/1993		< 5	< 5	32		< 5	< 5	< 5	
F97A	3/7/1994		< 0.5	3.1	25		< 0.5	< 0.5	< 0.5	< 0.5
F97A	6/13/1994		< 0.5	4.1	38	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F97A	9/2/1994		< 0.5	3.3	32		< 0.5	< 0.5	< 0.5	< 0.5
F97A	12/13/1994		< 5	< 5	21	< 5	< 5	< 5	< 5	
F97A	3/6/1995		< 0.5	2.2	26		< 0.5	< 0.5	< 0.5	< 0.5
F97A	6/6/1995		< 0.5	1.7	22		< 0.5	< 0.5	< 0.5	< 0.5
F97A	9/5/1995		< 0.5	3	26		< 0.5	< 0.5	< 0.5	< 0.5
F97A	12/7/1995		< 5	< 5	16	< 5	< 5	< 5	< 5	
F97A	3/5/1996		< 0.5	1.9	21	1.8	< 0.5	< 0.5	< 0.5	< 0.5
F97A	6/7/1996		< 0.5	2.5	27	4.5	< 0.5	< 0.5	< 0.5	< 0.5
F97A	9/11/1996		< 0.5	3.2	24	4	< 0.5	< 0.5	< 0.5	< 0.5
F97A	12/11/1996		< 5	< 5	24	< 5	< 5	< 5	< 5	
F97A	3/5/1997		< 0.5	2.8	27	4	< 0.5	< 0.5	< 0.5	< 0.5
F97A	6/4/1997		< 0.5	3.3	26	4.7	< 0.5	< 0.5	< 0.5	< 0.5
F97A	9/10/1997		< 0.5	2	22	2.6	< 0.5	< 0.5	< 0.5	< 0.5
F97A	12/9/1997		< 0.5	0.7	10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F97A	6/4/1998		< 0.5	0.88	8.3	1.2	< 0.5	< 0.5	< 0.5	< 0.5
F97A	12/10/1998		< 0.5	3.13	22.7	4.02	4.31	< 0.5	< 0.5	< 0.5
F97A	6/10/1999		< 1.00	8.51	29.0	8.95	19.3	< 1.00	< 1.00	< 1.00
F97A	12/13/1999		< 2.5	40.5	55.6	35	83.6	< 2.5	< 2.5	< 2.5
F97A	6/6/2000		< 2.5	46	50	31	100	< 2.5	< 2.5	< 2.5
F97A	12/7/2000		< 1.0	68	52	40	120	< 1.0	< 4.0	< 1.0
F97A	12/7/2000	Dup	< 1.0	87	52	39	120	< 1.0	< 4.0	< 1.0
F97A	6/20/2001		1.2	46	35	22	90	< 1.0	< 4.0	< 1.0
F97A	6/26/2002		2.2	46	22	34	110	< 1.0	1.0	< 1.0
F97A	6/25/2003		1.9	80	29	39	96	< 1.0	2.1	< 1.0
F97A	6/21/2005		15	120	21	35	120	< 1.0	40	< 1.0
F97A	7/5/2007		17	62	13	34	82	< 1.0	45	< 1.0
F97A	6/11/2009		35	52	11	28	65	< 0.50	72	< 0.50
F98A	11/26/1990		43	73	27	49		2	10	0.5
F98A	12/7/1990		28	61	22	30		2	10	0.5
F96A	4/17/1991		50	57	33	< 1	1.2	< 0.5	< 0.5	< 0.5
F98A	7/25/1991		51	60	28		1	< 0.5	< 0.5	< 0.5
F98A	10/3/1991		58	59	30		1.5	< 0.5	< 0.5	< 0.5
F98A	12/5/1991		54	78	34			< 5	< 5	
F98A	3/9/1992		40	44	32		1	< 0.5	< 0.5	< 0.5
F96A	6/15/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F98A	10/13/1992		55	66	33	< 2.5	1.7	< 0.5	1.9	< 0.5
F96A	12/14/1992		56	66	32		< 5	< 5	< 5	
F98A	3/12/1993		33	39	27		0.7	< 0.5	< 0.5	< 0.5
F98A	6/10/1993		35	42	29		0.7	< 0.5	< 0.5	< 0.5
F98A	9/14/1993		28	53	31		0.8	< 0.5	0.98	< 0.5

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F98A	12/7/1993		11	8.4	11	< 5	< 5	< 5	< 5	
F98A	3/10/1994		26	38	26		0.81	< 0.5	0.66	< 0.5
F98A	6/13/1994		28	57	34		0.86	< 0.5	< 0.5	< 0.5
F98A	9/2/1994		27	40	35		1	< 0.5	< 0.5	< 0.5
F98A	9/2/1994	Dup	27	40	33		0.92	< 0.5	< 0.5	< 0.5
F98A	12/13/1994		28	34	28		< 5	< 5	< 5	
F98A	3/6/1995		28	49	31		1	< 0.5	0.64	< 0.5
F98A	6/8/1995		13	7.6	12		0.54	< 0.5	< 0.5	< 0.5
F98A	9/6/1995		42	49	37		1.7	< 0.5	< 0.5	< 0.5
F98A	12/7/1995		40	46	35		< 5	< 5	< 5	
F98A	3/5/1996		52	50	37	36	2	< 0.5	1.4	< 0.5
F98A	6/10/1996		76	57	44	40	2.7	< 2.5	< 2.5	< 2.5
F98A	9/11/1996		86	56	73	50	48	< 2.5	< 2.5	< 2.5
F98A	12/11/1996		83	56	97	45	160	< 5	< 5	
F98A	3/5/1997		80	80	86	66	220	< 2.5	< 2.5	< 2.5
F98A	6/4/1997		28	37	27	17	110	< 1	< 1	< 1
F98A	9/11/1997		24	40	20	8.3	170	< 2.5	< 2.5	< 2.5
F98A	12/5/1997		25	27	16	15	150	< 1.2	< 1.2	< 1.2
F98A	6/5/1998		18	51	24	26	150	< 2.5	< 2.5	< 2.5
F98A	12/11/1998		42.1	194	28.2	52.3	289	< 10	< 10	< 10
F98A	6/10/1999		65.0	448	< 50.0	69.9	271	< 50.0	79.6	< 50.0
F98A	6/10/1999	Dup	67.1	459	20.2	78.6	275	< 12.5	86.6	< 12.5
F98A	12/13/1999		84.4	487	21.1	89.1	315	< 10	115	< 10
F98A	6/8/2000		140	330	10	60	200	< 5.0	180	< 5.0
F98A	12/7/2000		70	270	10	45	170	< 10	160	< 10
F98A	6/20/2001		55	170	< 10	29	110	< 10	260	< 10
F98A	6/25/2003		58	88	11	19	53	< 1.0	94	< 1.0
F98A	6/21/2005		75	44	9.9	20	53	< 0.50	73	< 0.50
F98A	7/5/2007		330	22	5.4	13	38	< 2.5	71	< 2.5
F98A	6/11/2009		870	14	< 10	13	38	< 10	41	< 10
F101B	11/21/1990									0.5
F101B	12/17/1990		0.5	0.4	0.4	0.3		0.2	1	1
F101B	2/6/1991		0.5	0.3	0.4	0.3		0.2	1	1
F101B	2/6/1991		0.8	< 0.3	< 0.4	< 0.3		< 0.3	< 1	< 1
F101B	4/22/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F101B	4/22/1991	Dup	0.5	0.3	0.4	0.3		0.2	1	0.5
F101B	7/23/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F101B	10/8/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F101B	12/5/1991		< 5	< 5	< 5	< 5		< 5	< 5	
F101B	3/12/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F101B	6/12/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F101B	9/22/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F101B	12/9/1992		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F101B	6/14/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F101B	12/3/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F101B	6/6/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F101B	12/7/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F101B	12/5/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F101B	12/10/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F101B	12/2/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F101B	12/8/1999		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5
F102B	11/27/1990		0.5	0.3	0.4	0.3		0.2	1	0.5
F102B	12/12/1990									0.5
F102B	2/8/1991		0.5	0.3	0.4	0.3		0.2	1	1
F102B	4/10/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F102B	4/10/1991	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F102B	7/29/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F102B	10/10/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F102B	12/12/1991		< 5	< 5	< 5	< 5		< 5	< 5	
F102B	3/10/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F102B	6/12/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F102B	9/17/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F102B	12/9/1992		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F102B	6/10/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F102B	12/3/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F102B	12/3/1993	Dup	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F102B	6/9/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F102B	12/7/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F102B	6/2/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F102B	12/4/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F102B	6/5/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F102B	12/9/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F103B	11/27/1990		0.5	0.3	0.4	0.3		0.2	1	0.5
F103B	12/20/1990		93	2.4	1.2	1.8		0.2	1	0.5
F103B	1/14/1991		0.5	0.3	0.4	0.3		0.2	1	0.5
F103B	2/15/1991		0.5	0.3	0.4	0.3		0.2	1	1
F103B	4/10/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F103B	7/29/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F103B	10/9/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F103B	12/11/1991		< 5	< 5	< 5	< 5		< 5	< 5	
F103B	3/4/1992			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F103B	9/22/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F103B	12/10/1992		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F103B	3/11/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F103B	6/10/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F103B	9/10/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F103B	12/9/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F103B	3/9/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F103B	6/7/1994		0.51	1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F103B	12/12/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F103B	6/5/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F103B	12/4/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F103B	12/4/1995	Dup	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F103B	6/5/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F103B	12/9/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F103B	12/8/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F103B	12/10/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F103B	12/15/1999		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5
F103B	12/5/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F106A1	9/22/1992		150	4,600	260	< 100	2,900	< 25	570	< 25
F106A1	10/13/1992		360	9,200	620	< 120	6,600	< 25	1,800	< 25
F106A1	12/16/1992		770	11,000	1,100	80		< 5	1,500	
F106A1	6/8/1993		450	1,500	210	< 50	1,700	< 10	330	< 10
F106A1	12/13/1993		730	4,400	230		2,800	< 25	860	
F106A1	6/3/1994		930	3,100	54	< 10	1,100	< 10	1,500	< 10
F106A1	12/12/1994		300	510	22		280	< 5	420	
F106A1	6/9/1995		53	56	11		57	1	11	< 0.5
F106A1	12/8/1995		53	70	15		51	< 5	48	
F106A1	6/7/1996		36	50	14	34	31	2.1	28	< 1
F106A1	12/13/1996		18	27	6.6	13	21	< 5	15	
F106A1	12/13/1996	Dup	18	29	7.1	14	23	< 5	16	
F106A1	6/5/1997		14	22	6.1	11	11	1.4	10	< 1

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F106A1	12/10/1997		3.2	4.5	2.2	1.9	4.9	< 1	< 1	< 1
F106A1	6/5/1998		5.5	11	4	13	6.6	< 0.5	3.7	< 0.5
F106A1	12/8/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F106A1	6/8/1999		6.65	7.68	2.95	12.9	6.14	< 0.500	1.40	< 0.500
F106A1	12/14/1999		7.52	6.51	3.83	12.6	8.76	< 0.5	1.66	< 0.5
F106A1	6/8/2000		6.2	6.6	3.7	15	5.4	< 0.50	1.7	< 0.50
F106A1	12/6/2000		10	6.1	3.3	24	7.0	< 0.50	< 2.0	< 0.50
F106A1	6/20/2001		14	6.4	2.8	30	7.0	< 0.50	< 2.0	< 0.50
F106A1	6/24/2003		11	4.0	3.0	35	8.2	2.3	1.3	< 0.50
F106A1	6/22/2005		15	3.0	10	16	3.4	14	2.0	< 0.50
F106A1	6/20/2007		11	2.0	11	10	2.7	11	1.6	< 0.50
F106A1	6/10/2009		17	2.9	3.6	16	5.0	15	0.63	< 0.60
F107A2	9/23/1992		< 10	2,500	180	< 50	2,200	< 10	56	< 10
F107A2	10/13/1992		28	2,600	380	< 25	2,400	< 5	210	< 5
F107A2	12/16/1992		29	3,000	470	11		< 5	140	
F107A2	6/8/1993		11	750	170	< 25	1,400	< 5	76	< 5
F107A2	12/13/1993		19	630	160		1,300	< 10	97	
F107A2	12/13/1993	Dup	19	540	150		1,200	< 10	100	
F107A2	6/3/1994		24	580	120		920	< 5	100	< 5
F107A2	12/12/1994		230	1,000	< 50		490	< 50	490	
F107A2	6/9/1995		64	300	33		250	< 2.5	67	< 2.5
F107A2	12/8/1995		32	170	28		170	< 5	32	
F107A2	8/7/1996		22	88	27	28	120	< 1	13	< 1
F107A2	12/13/1996		14	59	21	16	110	< 5	5	
F107A2	6/9/1997		2.5	4.7	2.7	< 1.2	13	< 1.2	< 1.2	< 1.2
F107A2	6/9/1997	Dup	1.3	4.4	2.2	< 1.2	12	< 1.2	< 1.2	< 1.2
F107A2	12/10/1997		3.4	16	8.5	7.7	18	< 0.5	< 0.5	< 0.5
F107A2	6/5/1998		0.68	0.82	< 0.5	0.77	7.3	< 0.5	< 0.5	< 0.5
F107A2	12/8/1998		1.41	10.5	< 0.5	4.87	9.13	< 0.5	< 0.5	< 0.5
F107A2	6/8/1999		2.53	8.18	4.34	3.53	7.55	< 0.500	< 0.500	< 0.500
F107A2	12/14/1999		1.63	23.5	10.2	14.1	4.72	< 0.5	0.817	< 0.5
F107A2	6/7/2000		1.0	17	7.3	5.6	6.1	< 0.50	< 2.0	< 0.50
F107A2	12/6/2000		< 0.50	< 0.50	8.6	9.8	< 0.50	< 0.50	< 2.0	< 0.50
F107A2	6/20/2001		1.1	13	5.9	4.7	6.7	< 0.50	< 2.0	< 0.50
F107A2	6/25/2003		0.92	3.1	3.3	3.2	12	< 0.50	< 0.50	< 0.50
F107A2	6/22/2005		0.64	14	6.6	23	3.3	< 0.50	< 0.50	< 0.50
F107A2	6/20/2007		< 0.50	8.4	8.7	11	2.3	< 0.50	< 0.50	< 0.50
F107A2	6/10/2009		0.53	10	8.9	11	2.6	< 0.50	< 0.50	< 0.50
F123A1	1/9/1991		31	57	5.7	11		2	20	0.5
F123A1	2/6/1991		24	52	6	15		0.5	31	0.5
F123A1	7/26/1991		34	20	6.5		15	1.5	18	< 0.5
F123A1	10/7/1991		31	21	5.6		16	1.3	9.8	< 0.5
F123A1	12/9/1991		49	18	7.8			< 5	< 5	
F123A1	9/10/1992		23	14	4.9		13	0.9	5.8	< 0.5
F123A1	12/16/1992		36	26	< 5			< 5	12	
F123A1	3/12/1993		19	15	4.4		10	0.7	5.7	< 0.5
F123A1	6/8/1993		13	11	2.2		6.9	< 0.5	3.7	< 0.5
F123A1	9/14/1993		12	7.7	2.5		5.4	0.52	3	< 0.5
F123A1	12/9/1993		13	6.1	< 5		6.2	< 5	< 5	
F123A1	3/7/1994		16	6.5	2.3		6.9	< 0.5	2.5	< 0.5
F123A1	3/7/1994	Dup	17	7	2.3		7	< 0.5	2.3	< 0.5
F123A1	6/6/1994		17	8.7	2.1		6.6	0.59	3.8	< 0.5
F123A1	9/6/1994		15	8.3	1.2		7.6	< 0.5	4.4	< 0.5
F123A1	12/9/1994		11	< 5	< 5		5	< 5	< 5	
F123A1	3/3/1995		15	5.5	0.91		5.3	< 0.5	3	< 0.5
F123A1	6/8/1995		12	4	1.2		4.4	< 0.5	0.84	< 0.5

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F123A1	9/6/1995		17	6.2	1.4		6.6	< 0.5	2.6	< 0.5
F123A1	12/7/1995		22	< 5	< 5	< 5	< 5	< 5	< 5	
F123A1	3/6/1996		17	4.5	1.1	5.3	4.3	0.58	0.61	< 0.5
F123A1	3/6/1996	Dup	17	4.4	1.1	5.1	4.2	1	0.58	< 0.5
F123A1	6/10/1996		22	4.4	1.3	5.8	5	0.54	1.1	< 0.5
F123A1	9/11/1996		21	4.7	1.7	6.8	5.7	0.61	1.1	< 0.5
F123A1	12/12/1996		15	< 5	< 5	< 5	< 5	< 5	< 5	
F123A1	3/5/1997		14	2.7	0.92	3.2	3.5	< 0.5	1.4	< 0.5
F123A1	6/4/1997		19	3.7	1.6	4.4	4.2	< 0.5	1.2	< 0.5
F123A1	9/10/1997		18	3.2	1.6	4.2	4	< 0.5	1.6	< 0.5
F123A1	12/8/1997		22	2.4	1.8	3	4.5	< 0.5	< 0.5	< 0.5
F123A1	12/8/1997	Dup	21	2.3	1.7	3	4.2	< 0.5	< 0.5	< 0.5
F123A1	6/4/1998		37	3.5	2.1	4.9	5.5	< 1	< 1	< 1
F123A1	12/10/1998		28.7	2.94	1.26	2.94	5.5	0.643	0.694	< 0.5
F123A1	6/10/1999		35.5	3.62	< 2.50	3.45	6.46	< 2.50	< 2.50	< 2.50
F123A1	12/9/1999		40	3.27	1.93	5.34	5.81	1.22	< 1.67	< 0.835
F123A1	6/6/2000		43	6.3	3.3	9.9	14	1.0	2.5	< 0.50
F123A1	12/7/2000		36	6.0	3.4	10	14	1.1	< 2.0	< 0.50
F123A1	6/19/2001		35	10	3.0	11	15	1.8	< 2.0	< 0.50
F123A1	6/26/2003		25	4.6	0.97	5.6	5.7	2.2	5.0	< 0.50
F123A1	6/22/2005		74	1,300	< 25	80	56	< 25	64	< 25
F123A1	6/13/2007		4,600	4,600	96	250	1,700	< 50	3,700	< 50
F123A1	6/12/2008		2,600	1,900	< 25	78	140	< 25	2,000	< 25
F123A1	12/10/2008		1,600	920	< 10	34	55	13	1,200	< 10
F123A1	6/11/2009		710	210	< 5.0	17	20	7.5	400	< 5.0
F124A2	1/9/1991		0.5	0.3	0.4	0.3		0.2	1	0.5
F124A2	2/6/1991		0.5	0.7	0.4	0.3		0.2	1	0.5
F124A2	2/6/1991		0.5	0.8	0.4	0.3		0.2	1	0.5
F124A2	7/26/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F124A2	10/7/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F124A2	12/9/1991		< 5	< 5	< 5	< 5		< 5	< 5	
F124A2	3/5/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F124A2	6/10/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F124A2	9/10/1992		< 0.5	0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F124A2	9/23/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F124A2	12/16/1992		< 5	< 5	< 5	< 5		< 5	< 5	
F124A2	3/11/1993		< 0.5	0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F124A2	6/8/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F124A2	9/14/1993		< 0.5	1.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F124A2	12/9/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F124A2	3/7/1994		< 0.5	0.52	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F124A2	6/6/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F124A2	9/8/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F124A2	12/9/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F124A2	3/3/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F124A2	3/3/1995	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F124A2	6/5/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F124A2	9/5/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F124A2	12/4/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F124A2	3/5/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F124A2	6/4/1996		< 0.5	0.88	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F124A2	6/4/1996	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F124A2	9/10/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F124A2	12/9/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F124A2	6/4/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F124A2	12/2/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F124A2	12/10/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F124A2	12/10/1998	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F124A2	12/15/1999		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5
F124A2	12/15/1999	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F124A2	12/7/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F124A2	6/19/2001		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F124A2	6/25/2003		< 0.50	< 0.50	0.81	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F124A2	8/22/2005		< 0.50	0.72	17	5.2	< 0.50	< 0.50	< 0.50	< 0.50
F124A2	3/9/2007		1.1	2.2	23	3.8	0.91	< 0.5	< 0.5	< 0.5
F124A2	6/13/2007		61	22	130	19	7.0	< 1.0	< 1.0	< 1.0
F124A2	6/12/2008		42	9.7	94	7.9	5.2	< 0.50	< 0.50	< 0.50
F124A2	12/10/2008		54	13	120	14	7.6	< 1.0	< 1.0	< 1.0
F124A2	6/11/2009		61	13	150	13	8.4	< 0.50	< 0.50	< 0.50
F125A1	9/21/1992		1.4	3.2	1.7		< 0.5	< 0.5	< 0.5	< 0.5
F125A1	12/16/1992		< 5	< 5	< 5			< 5	< 5	
F125A1	3/8/1993		8.9	4.7	1.9		1	0.9	0.7	< 0.5
F125A1	6/7/1993		10	3.7	1		0.8	0.6	< 0.5	< 0.5
F125A1	9/13/1993		8.1	2.4	0.81		0.6	< 0.5	0.67	< 0.5
F125A1	12/3/1993		14	< 5	< 5		< 5	< 5	< 5	
F125A1	3/4/1994		21	2.8	0.94		1	1.4	1.1	< 0.5
F125A1	6/3/1994		8	0.94	0.55		1.1	< 0.5	< 0.5	< 0.5
F125A1	9/2/1994		16	2.3	< 0.5		0.59	0.66	< 0.5	< 0.5
F125A1	12/9/1994		14	< 5	< 5	< 5	< 5	< 5	< 5	
F125A1	3/2/1995		20	1.8	< 0.5		0.53	0.99	0.77	< 0.5
F125A1	6/7/1995		21	1.9	< 0.5		< 0.5	0.99	0.65	< 0.5
F125A1	9/6/1995		23	2.1	0.73		0.6	1.5	0.9	< 0.5
F125A1	12/7/1995		18	< 5	< 5		< 5	< 5	< 5	
F125A1	3/8/1996		12	1.8	0.68	2.5	< 0.5	1.2	< 0.5	< 0.5
F125A1	6/5/1996		26	2	0.91	6.8	0.62	1.5	0.9	< 0.5
F125A1	9/11/1996		23	2.8	1.1	7.8	0.81	1.6	0.97	< 0.5
F125A1	12/12/1996		22	< 5	< 5	< 5	< 5	< 5	< 5	
F125A1	3/5/1997		14	0.82	0.52	1.1	< 0.5	0.63	< 0.5	< 0.5
F125A1	6/4/1997		20	< 0.5	0.86	2.2	< 0.5	1	< 0.5	< 0.5
F125A1	9/10/1997		4.8	< 0.5	< 0.5	0.53	< 0.5	< 0.5	< 0.5	< 0.5
F125A1	12/10/1997		9.3	< 0.5	0.74	1.1	< 0.5	0.53	< 0.5	< 0.5
F125A1	12/10/1997	Dup	8.9	< 0.5	0.69	0.95	< 0.5	< 0.5	< 0.5	< 0.5
F125A1	6/4/1998		< 0.5	< 0.5	< 0.5	0.64	< 0.5	< 0.5	< 0.5	< 0.5
F125A1	12/10/1998		29.1	0.665	2.88	8.71	< 0.5	2.1	0.539	< 0.5
F125A1	6/10/1999		37.1	< 1.00	2.68	8.50	< 1.00	2.53	< 1.00	< 1.00
F125A1	12/9/1999		61.4	< 1.25	3.91	9.39	< 1.25	3.27	< 1.25	< 1.25
F125A1	6/6/2000		52	< 0.50	1.5	5.1	< 0.50	3.8	< 0.50	< 0.50
F125A1	12/7/2000		51	< 1.0	< 1.0	3.2	< 1.0	3.2	< 4.0	< 1.0
F125A1	6/19/2001		43	< 1.0	< 1.0	1.9	< 1.0	4.4	< 4.0	< 1.0
F125A1	6/25/2003		55	< 1.0	1.5	5.2	< 1.0	6.7	< 1.0	< 1.0
F125A1	6/22/2005		40	< 0.50	0.93	2.8	< 0.50	8.8	< 0.50	< 0.50
F125A1	6/13/2007		30	1,200	33	62	74	14	83	< 10
F125A1	6/12/2008		32	280	10	18	23	11	32	< 2.5
F125A1	12/10/2008		24	130	2.8	6.8	8.8	8.9	19	< 2.0
F125A1	6/11/2009		26	100	1.7	9.2	6.0	8.6	7.7	< 1.0
F125A1	6/11/2009	Dup	27	120	2.5	7.1	6.0	8.5	7.8	< 0.50
F126A2	3/6/1992		27	19	5.8		19	0.7	7.3	< 0.5
F126A2	6/10/1992		44	31	5.8		22	1.8	30	< 0.5
F126A2	9/14/1992		< 0.5	2.4	1.3		< 0.5	< 0.5	< 0.5	< 0.5
F126A2	12/16/1992		< 5	< 5	< 5	< 5		< 5	< 5	
F126A2	12/16/1992	Dup	< 5	< 5	< 5	< 5		< 5	< 5	
F126A2	3/12/1993		1	4.9	1.9		0.6	< 0.5	< 0.5	< 0.5
F126A2	6/7/1993		0.8	5.7	1.6		0.8	< 0.5	< 0.5	< 0.5

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F126A2	9/13/1993		2.1	4.1	0.97		1.1	< 0.5	< 0.5	< 0.5
F126A2	12/3/1993		< 5	< 5	< 5		< 5	< 5	< 5	
F126A2	3/3/1994		2.2	4.2	1.2		< 0.5	< 0.5	0.63	< 0.5
F126A2	6/3/1994		3.1	5.2	1.9		1.9	< 0.5	1.7	< 0.5
F126A2	9/2/1994		2.4	3.9	1.2		1.2	< 0.5	< 0.5	< 0.5
F126A2	12/12/1994		< 5	< 5	< 5		< 5	< 5	< 5	
F126A2	3/2/1995		1.1	1.3	0.56		< 0.5	< 0.5	< 0.5	< 0.5
F126A2	6/7/1995		0.76	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5
F126A2	9/5/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F126A2	12/6/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F126A2	3/5/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F126A2	6/6/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F126A2	9/10/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F126A2	12/11/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F126A2	6/6/1997		< 0.5	< 0.5	< 0.5	0.69	< 0.5	< 0.5	< 0.5	< 0.5
F126A2	12/10/1997		< 0.5	0.63	< 0.5	0.67	< 0.5	< 0.5	< 0.5	< 0.5
F126A2	12/10/1998		< 0.5	< 0.5	0.6	0.71	< 0.5	< 0.5	< 0.5	< 0.5
F126A2	12/9/1999		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5
F126A2	12/5/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F126A2	3/8/2007		< 0.5	< 0.5	12	0.98	1.3	< 0.5	< 0.5	< 0.5
F126A2	6/28/2008		< 0.50	< 0.50	6.7	0.66	1.1	< 0.50	< 0.50	< 0.50
F126A2	12/12/2008		< 0.50	< 0.50	5.5	0.67	0.88	< 0.50	< 0.50	< 0.50
F126A2	6/11/2009		< 0.50	1.1	5.9	< 0.50	0.75	< 0.50	< 0.50	< 0.50
F127A1	9/14/1992		780	46	8.5	< 10	14	< 2.5	3.5	< 2.5
F127A1	12/16/1992		780	55	< 5			< 5	11	
F127A1	3/9/1993		940	70	9	< 12	12	< 2.5	16	< 2.5
F127A1	6/11/1993		640	42	4.5	< 2.5	10	< 2.5	5.5	< 2.5
F127A1	6/11/1993	Dup	540	39	4	< 2.5	9.5	< 2.5	5.5	< 2.5
F127A1	9/10/1993		890	72	16	< 12	44	9.6	< 2.5	< 2.5
F127A1	12/3/1993		71	< 5	< 5	< 5	5.6	< 5	< 5	
F127A1	3/7/1994		180	6	2.3		6.3	< 0.5	1.1	< 0.5
F127A1	6/6/1994		250	18	3.6		12	< 1	3	< 1
F127A1	9/6/1994		310	22	4		13	< 1.7	3.3	< 1.7
F127A1	12/5/1994		900	44	11		18	< 5	< 5	
F127A1	12/5/1994	Dup	780	42	9.9		17	< 5	< 5	
F127A1	3/2/1995		630	45	7.6		16	< 2.5	12	< 2.5
F127A1	6/5/1995		600	45	11		20	< 2.5	7.8	< 2.5
F127A1	9/7/1995		1,200	110	17		42	< 12	27	< 12
F127A1	12/11/1995		960	70	15		34	< 5	10	
F127A1	3/7/1996		920	68	< 12	< 12	26	< 12	< 12	< 12
F127A1	6/6/1996		670	57	15	13	37	< 10	< 10	< 10
F127A1	9/13/1996		480	26	11	10	24	< 1	1.7	< 1
F127A1	12/16/1996		370	19	< 12	< 12	28	< 12	< 12	
F127A1	3/6/1997		290	24	8.5	5.6	25	< 5	< 5	< 5
F127A1	6/9/1997		270	24	8.5	5.7	26	< 5	< 5	< 5
F127A1	9/12/1997		320	33	5.8	6.5	26	< 5	< 5	< 5
F127A1	12/9/1997		150	12	< 5	< 5	18	< 5	< 5	< 5
F127A1	6/2/1998		180	< 10	< 10	< 10	20	< 10	< 10	< 10
F127A1	12/11/1998		265	28.3	5.4	8.28	30.3	< 5	< 5	< 5
F127A1	6/9/1999		581	72.8	< 25.0	27.1	60.9	< 25.0	< 25.0	< 25.0
F127A1	12/8/1999		643	50.1	< 16.7	24.6	56.1	< 16.7	41.4	< 16.7
F127A1	6/6/2000		460	41	< 5.0	19	35	< 5.0	28	< 5.0
F127A1	12/6/2000		340	25	< 10	< 10	28	< 10	< 40	< 10
F127A1	6/20/2001		380	26	< 10	11	34	< 10	< 40	< 10
F127A1	6/20/2001	Dup	360	24	< 10	< 10	28	< 10	< 40	< 10
F127A1	6/27/2002		390	29	< 5.0	11	30	< 5.0	23	< 5.0
F127A1	6/25/2003		320	17	< 10	< 10	27	< 10	18	< 10

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F127A1	6/25/2003	Dup	330	18	5.3	8.6	27	< 5.0	10	< 5.0
F127A1	8/31/2004		180	8.2	< 5.0	5.5	19	< 5.0	6.3	< 5.0
F127A1	8/31/2004		370	23	< 5.0	14	28	< 5.0	32	< 5.0
F127A1	6/22/2005		470	270	49	150	130	< 5.0	86	< 5.0
F127A1	6/27/2006		410	280	10	48	58	< 5.0	110	< 5.0
F127A1	6/14/2007		970	820	60	160	290	< 10	370	< 10
F127A1	6/12/2008		1,900	820	37	140	200	< 10	710	< 10
F127A1	12/10/2008		2,300	1,400	56	220	320	< 50	1,000	< 50
F127A1	6/11/2009		2,300	1,500	56	290	270	< 10	820	< 10
F128A	12/16/1992		880	46	< 5			< 5	< 5	
F128A	3/4/1993		190	27	3	< 5	26	< 1	< 1	< 1
F128A	8/14/1993		260	22	2	< 5	30	< 1	< 1	< 1
F128A	9/10/1993		440	25	6.1	< 5	44	< 1	< 1	< 1
F128A	12/3/1993		39	< 5	< 5		17	< 5	< 5	
F128A	3/10/1994		880	96	< 5		120	< 5	< 5	< 5
F128A	6/9/1994		640	50	< 5	< 5	120	< 5	< 5	< 5
F128A	12/6/1994		870	46	< 25	< 25	88	< 25	< 25	
F128A	6/7/1995		810	46	9.2		90	< 5	6.8	< 5
F128A	12/11/1995		450	32	6.6		64	5.6	5.5	
F128A	6/7/1996		280	24	5.4	15	50	< 2.5	4.1	< 2.5
F128A	12/16/1996		140	7.7	< 5	< 5	19	< 5	< 5	
F128A	12/16/1996	Dup	140	7.8	< 5	5	19	< 5	< 5	
F128A	6/9/1997		240	27	< 5	10	32	< 5	5.8	< 5
F128A	12/3/1997		97	8.7	< 5	< 5	10	< 5	< 5	< 5
F128A	6/5/1998		66	< 5	< 5	< 5	9.4	< 5	< 5	< 5
F128A	12/11/1998		4.96	< 0.5	< 0.5	< 0.5	0.727	0.534	< 0.5	< 0.5
F128A	6/8/1999		212	< 10.0	< 10.0	< 10.0	14.1	< 10.0	< 10.0	< 10.0
F128A	12/8/1999		1.71	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5
F128A	6/6/2000		22	< 0.50	< 0.50	< 0.50	0.51	< 0.50	< 2.0	< 0.50
F128A	12/6/2000		3.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F129A1	12/11/1992		< 0.5	< 0.5	1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F129A1	12/17/1992		< 5	< 5	7.3	< 5	< 5	< 5	< 5	
F129A1	3/5/1993		< 0.5	0.9	3.4	< 0.5	0.9	< 0.5	< 0.5	< 0.5
F129A1	6/9/1993		< 0.5	< 0.5	3.4	< 0.5	0.8	< 0.5	< 0.5	< 0.5
F129A1	9/13/1993		< 0.5	< 0.5	5.6	< 0.5	0.8	< 0.5	< 0.5	< 0.5
F129A1	12/3/1993		< 5	< 5	7.3	< 5	< 5	< 5	< 5	
F129A1	6/10/1994		< 0.5	< 0.5	18	< 0.5	3.1	< 0.5	< 0.5	< 0.5
F129A1	12/5/1994		< 5	< 5	19	< 5	11	< 5	< 5	
F129A1	6/6/1995		< 0.5	< 0.5	21		9.6	< 0.5	< 0.5	< 0.5
F129A1	9/6/1995		< 0.5	< 0.5	12		14	< 0.5	< 0.5	< 0.5
F129A1	9/6/1995	Dup	< 0.5	< 0.5	13		16	< 0.5	< 0.5	< 0.5
F129A1	12/7/1995		< 5	< 5	23	< 5	20	< 5	< 5	
F129A1	6/10/1996		< 0.5	< 0.5	31	1.4	21	< 0.5	< 0.5	< 0.5
F129A1	12/12/1996		< 5	< 5	30	< 5	29	< 5	< 5	
F129A1	12/12/1996	Dup	< 5	< 5	31	< 5	30	< 5	< 5	
F129A1	8/4/1997		< 0.5	< 0.5	28	2.7	39	< 0.5	< 0.5	< 0.5
F129A1	12/3/1997		< 0.5	< 0.5	17	1.7	25	< 0.5	< 0.5	< 0.5
F129A1	6/4/1998		< 0.5	< 0.5	11	0.97	14	< 0.5	< 0.5	< 0.5
F129A1	12/10/1998		< 0.5	< 0.5	11.1	1.46	17.1	< 0.5	< 0.5	< 0.5
F129A1	6/9/1999		0.745	0.618	14.5	3.09	25.8	< 0.500	< 0.500	< 0.500
F129A1	12/8/1999		< 4.17	< 4.17	47.4	24.5	137	< 4.17	< 8.33	< 4.17
F129A1	6/6/2000		< 1.0	2.1	38	13	99	< 1.0	< 1.0	< 1.0
F129A1	12/6/2000		< 2.5	3.2	38	17	110	< 2.5	< 10	< 2.5
F129A1	6/20/2001		< 2.5	4.1	43	20	130	< 2.5	< 10	< 2.5
F129A1	6/24/2003		< 0.50	< 0.50	4.0	2.4	14	< 0.50	< 0.50	< 0.50
F129A1	6/22/2005		< 2.5	< 2.5	33	27	100	< 2.5	< 2.5	< 2.5

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F129A1	6/14/2007		< 1.0	23	32	34	120	< 1.0	< 1.0	< 1.0
F129A1	6/12/2008		< 1.0	31	33	45	130	< 1.0	< 1.0	< 1.0
F129A1	12/10/2008		< 1.0	33	32	46	140	< 1.0	< 1.0	< 1.0
F129A1	6/11/2009		< 1.0	25	38	43	120	< 1.0	< 1.0	< 1.0
F130A1U	9/21/1992		320	190	22	< 5	180	< 1	7	< 1
F130A1U	12/17/1992		220	93	13	< 6.2	110	< 5	< 5	
F130A1U	12/17/1992	Dup	210	94	15	< 6.2	110	< 6.2	< 6.2	
F130A1U	3/11/1993		410	250	29	< 5	240	< 1	5.2	< 1
F130A1U	3/11/1993	Dup	430	260	30	< 5	240	< 1	5.2	< 1
F130A1U	6/14/1993		280	160	14	< 5	160	< 1	5.4	< 1
F130A1U	9/10/1993		250	190	14	< 5	160	< 1	8.9	< 1
F130A1U	9/10/1993	Dup	240	180	15	< 5	170	< 1	8.5	< 1
F130A1U	12/10/1993		300	200	24		230	< 5	21	
F130A1U	12/10/1993	Dup	320	220	24		250	< 5	23	
F130A1U	3/2/1994		490	260	29		280	< 2.5	34	< 2.5
F130A1U	6/2/1994		280	150	18		170	< 1	21	< 1
F130A1U	9/2/1994		280	150	12		170	< 1	16	< 1
F130A1U	12/5/1994		420	170	17		180	< 10	35	
F130A1U	3/2/1995		260	120	11		140	< 1	21	< 1
F130A1U	6/5/1995		120	51	8.9		58	< 1	7.9	< 1
F130A1U	9/6/1995		96	51	12		59	< 2.5	4.3	< 2.5
F130A1U	12/5/1995		71	35	7.9		50	< 5	< 5	
F130A1U	3/7/1996		67	36	9.7	12	47	< 1	2.2	< 1
F130A1U	6/5/1996		59	32	6.4	16	45	< 1	2.9	< 1
F130A1U	9/13/1996		43	23	4.3	12	28	< 0.5	2.6	< 0.5
F130A1U	12/13/1996		35	18	< 5	7.0	23	< 5	< 5	
F130A1U	3/6/1997		30	14	2.3	5	15	< 1	2	< 1
F130A1U	3/6/1997	Dup	29	13	2.3	4.4	15	< 1	1.9	< 1
F130A1U	6/6/1997		36	13	2.9	8.5	17	< 1	2.3	< 1
F130A1U	9/11/1997		38	13	2	8.1	13	< 1	2.1	< 1
F130A1U	12/6/1997		13	4.4	< 0.5	1.2	3.3	< 0.5	0.51	< 0.5
F130A1U	12/8/1997	Dup	13	4.2	< 0.5	1.1	2.8	< 0.5	< 0.5	< 0.5
F130A1U	6/4/1998		22	5.3	1.7	4.7	8.6	< 1	< 1	< 1
F130A1U	6/4/1998	Dup	23	5.3	1.7	4.8	8.8	< 1	< 1	< 1
F130A1U	12/9/1998		19	4.95	< 0.5	1.8	3.52	< 0.5	0.866	< 0.5
F130A1U	12/9/1998	Dup	20.4	5.29	0.559	2.35	4.25	< 0.5	1.1	< 0.5
F130A1U	6/9/1999		19.4	3.72	1.17	3.37	6.35	< 0.500	1.52	< 0.500
F130A1U	12/14/1999		35.4	4.45	< 1.25	4.26	8.05	< 1.25	2.84	< 1.25
F130A1U	6/6/2000		31	420	110	140	750	< 10	< 10	< 10
F130A1U	12/6/2000		31	2.1	0.67	2.6	5.6	< 0.50	< 2.0	< 0.50
F130A1U	6/20/2001		33	1.9	< 0.50	2.5	5.6	< 0.50	2.8	< 0.50
F130A1U	6/24/2003		29	1.4	0.70	1.9	4.4	< 0.50	1.1	< 0.50
F130A1U	8/22/2005		39	2.3	1.1	6.1	8.3	< 0.50	4.4	< 0.50
F130A1U	6/14/2007		21	8.8	2.2	2.2	9.8	< 0.50	< 0.50	< 0.50
F130A1U	6/11/2009		18	3.6	0.57	1.4	2.4	< 0.50	< 0.50	< 0.50
F131A1	9/21/1992		1,100	1,300	49	< 25	780	< 5	360	< 5
F131A1	9/21/1992	Dup	1,100	1,300	56	< 25	760	< 5	460	< 5
F131A1	12/17/1992		1,800	1,500	42	< 50	1,200	< 5	800	
F131A1	3/11/1993		430	1,200	29	< 25	350	< 5	230	< 5
F131A1	6/10/1993		1,000	890	32	< 25	490	< 5	340	< 5
F131A1	9/10/1993		180	400	22	< 5	250	< 1	82	< 1
F131A1	12/10/1993		690	370	29		300	< 5	220	
F131A1	3/2/1994		630	110	9.8		100	< 1	44	< 1
F131A1	6/2/1994		180	200	24		200	< 1	44	< 1
F131A1	6/2/1994	Dup	180	210	25		200	< 1	49	< 1
F131A1	9/7/1994		58	300	22		240	< 1	72	< 1

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F131A1	12/5/1994		8.2	8.3	< 5	< 5	5.6	< 5	12	
F131A1	3/2/1995		3.8	0.89	< 0.5	< 0.5	2.5	< 0.5	< 0.5	< 0.5
F131A1	3/2/1995	Dup	4.2	0.97	< 0.5		2.7	< 0.5	< 0.5	< 0.5
F131A1	6/8/1995		64	55	3.7		53	< 0.5	3.6	< 0.5
F131A1	9/7/1995		48	68	7.4		71	< 0.5	5.5	< 0.5
F131A1	12/8/1995		18	22	< 5		12	< 5	< 5	
F131A1	3/7/1996		2.7	1.1	< 0.5	< 0.5	0.85	< 0.5	< 0.5	< 0.5
F131A1	6/5/1996		7.4	8.1	0.8	3.4	10	< 0.5	2.4	< 0.5
F131A1	9/12/1996		11	7.7	0.88	3.7	9.9	< 0.5	2.3	< 0.5
F131A1	12/13/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F131A1	12/13/1996	Dup	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F131A1	3/6/1997		9.4	7.5	1.3	2.7	9.1	< 0.5	0.73	< 0.5
F131A1	6/6/1997		14	15	2	5.6	13	< 0.5	3.7	< 0.5
F131A1	9/11/1997		15	13	1.1	7.4	7	< 0.5	6.6	< 0.5
F131A1	9/11/1997	Dup	16	13	1.4	7.5	7.1	< 0.5	6.6	< 0.5
F131A1	12/3/1997		8.6	6.1	0.64	3	3.8	< 0.5	1.1	< 0.5
F131A1	12/3/1997	Dup	8.4	7.4	0.73	3.4	4.7	< 0.5	1.4	< 0.5
F131A1	6/4/1998		1.4	0.79	< 0.5	< 0.5	0.85	< 0.5	< 0.5	< 0.5
F131A1	12/9/1998		0.962	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F131A1	6/9/1999		3.49	1.47	< 0.500	< 0.500	1.02	< 0.500	0.593	< 0.500
F131A1	12/14/1999		7.43	1.64	< 0.5	1.11	2	< 0.5	1.42	< 0.5
F131A1	6/6/2000		2.4	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F131A1	12/5/2000		3.6	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F131A1	6/19/2001		13	0.78	< 0.50	0.60	0.61	< 0.50	< 2.0	< 0.50
F131A1	8/25/2003		2.1	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F131A1	6/22/2005		40	2.4	0.78	4.0	2.6	< 0.50	5.1	< 0.50
F131A1	7/5/2007		16	10	5.5	6.6	7.3	< 0.50	4.5	< 0.50
F131A1	12/12/2008		8.8	5.6	4.2	4.5	4.6	< 0.50	2.5	< 0.50
F131A1	6/11/2009		11	9.1	4.6	5.4	4.9	< 0.50	2.1	< 0.50
F132A2	12/10/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F132A2	12/18/1992		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F132A2	3/11/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F132A2	6/14/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F132A2	9/17/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F132A2	12/13/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F132A2	3/10/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F132A2	6/13/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F132A2	12/9/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F132A2	6/2/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F132A2	12/4/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F132A2	6/4/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F132A2	12/9/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F132A2	6/5/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F132A2	12/2/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F132A2	6/3/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F132A2	12/8/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F132A2	12/8/1998	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F132A2	6/10/1999		16.7	2.10	< 0.500	< 0.500	0.824	< 0.500	< 0.500	< 0.500
F132A2	7/29/1999		< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500
F132A2	12/7/1999		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F132A2	6/7/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F132A2	6/7/2000	Dup	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F132A2	12/7/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F133B	12/17/1992		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F133B	3/10/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F133B	6/15/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F133B	9/14/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F133B	12/9/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F133B	3/4/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F133B	6/9/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F133B	12/9/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F133B	6/6/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F133B	12/7/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F133B	6/7/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F133B	12/12/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F133B	12/9/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F133B	12/7/1999		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F133B	6/21/2001		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F133B	6/26/2003		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F133B	6/21/2005		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F133B	6/18/2007		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F133B	9/17/2007		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F133B	6/16/2009		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F134A1	12/17/1992		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F134A1	3/9/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F134A1	6/15/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F134A1	9/14/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F134A1	12/7/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F134A1	12/7/1993	Dup	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F134A1	3/4/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F134A1	6/10/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F134A1	9/7/1994		< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
F134A1	12/8/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F134A1	3/2/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F134A1	6/5/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F134A1	6/5/1995	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F134A1	9/5/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F134A1	12/4/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F134A1	3/4/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F134A1	3/4/1996	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F134A1	6/4/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F134A1	9/10/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F134A1	12/9/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F134A1	3/5/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F134A1	6/3/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F134A1	9/9/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F134A1	12/9/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F134A1	6/4/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F134A1	12/10/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F134A1	6/9/1999		< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500
F134A1	6/9/1999	Dup	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500
F134A1	12/7/1999		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F134A1	6/7/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F134A1	12/8/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F134A1	12/8/2000	Dup	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F135A1	12/15/1992		84	5.2	< 5	< 5		< 5	< 5	
F135A1	3/11/1993		96	12	1.5	< 2.5	0.9	< 0.5	< 0.5	< 0.5
F135A1	3/11/1993	Dup	93	11	1.3	< 2.5	0.8	< 0.5	< 0.5	< 0.5
F135A1	6/15/1993		300	37	2.9	< 5	3	< 0.5	< 0.5	< 0.5
F135A1	9/14/1993		310	42	4.3	< 5	3.5	< 0.5	< 0.5	< 0.5
F135A1	9/14/1993	Dup	330	42	4	< 5	3.3	< 0.5	< 0.5	< 0.5
F135A1	12/13/1993		330	38	< 5		< 5	< 5	< 5	

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F135A1	3/10/1994		330	40	5.2		3.3	< 1	< 1	< 1
F135A1	6/10/1994		430	71	5.8		5.4	< 1	< 1	< 1
F135A1	9/7/1994		410	47	3.8		4.3	< 0.5	< 0.5	< 0.5
F135A1	12/12/1994		420	29	< 5		< 5	< 5	< 5	
F135A1	3/7/1995		110	8	1.2		1.9	< 0.5	< 0.5	< 0.5
F135A1	6/6/1995		390	47	4.1		3.8	< 2.5	< 2.5	< 2.5
F135A1	9/7/1995		59	6.6	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
F135A1	12/8/1995		180	19	< 5		< 5	< 5	< 5	
F135A1	3/7/1996		150	19	< 2.5	5.9	2.5	< 2.5	< 2.5	< 2.5
F135A1	6/10/1996		250	34	< 5	19	6.5	< 5	< 5	< 5
F135A1	9/12/1996		89	11	2.4	6.3	3.6	< 1.2	< 1.2	< 1.2
F135A1	12/13/1996		19	< 5	< 5	< 5	< 5	< 5	< 5	
F135A1	3/6/1997		99	10	2.9	8.5	5.2	< 2.5	< 2.5	< 2.5
F135A1	6/6/1997		89	11	2.4	NA	3.6	< 1.2	< 1.2	< 1.2
F135A1	6/6/1997	Dup	91	12	3.2	5	5.1	< 2.5	< 2.5	< 2.5
F135A1	9/12/1997		94	12	< 2.5	< 2.5	2.9	< 2.5	< 2.5	< 2.5
F135A1	12/3/1997		87	8.2	< 2.5	4	2.8	< 2.5	< 2.5	< 2.5
F135A1	6/2/1998		130	8.3	< 5	< 5	< 5	< 5	< 5	< 5
F135A1	12/9/1998		128	13.7	2.94	8.51	< 2.5	< 2.5	< 2.5	< 2.5
F135A1	6/9/1999		115	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
F135A1	12/7/1999		80.5	4.63	< 2.5	4.54	< 2.5	< 2.5	< 2.5	< 2.5
F135A1	1/28/2000		68.8	3.18	< 1.67	4.28	< 1.67	< 1.67	< 1.67	< 1.67
F135A1	6/6/2000		100	3.3	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
F135A1	12/6/2000		69	2.1	< 1.0	2.8	1.3	< 1.0	< 4.0	< 1.0
F135A1	6/20/2001		79	2.4	1.1	2.7	1.6	< 1.0	< 4.0	< 1.0
F135A1	6/24/2003		35	0.73	< 0.50	1.3	0.67	< 0.50	< 0.50	< 0.50
F135A1	6/21/2005		68	1.9	0.97	2.7	1.8	< 0.50	< 0.50	< 0.50
F135A1	6/14/2007		95	2.6	1.2	3.6	4.9	< 0.50	< 0.50	< 0.50
F135A1	6/15/2009		76	1.6	0.74	2.3	2.1	< 0.50	< 0.50	< 0.50
F136A1	12/15/1992		< 5	< 5	< 5	< 5		< 5	< 5	
F136A1	3/11/1993		0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F136A1	6/10/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F136A1	9/14/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F136A1	12/13/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F136A1	6/10/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F136A1	12/12/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F136A1	12/12/1994	Dup	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F136A1	6/2/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F136A1	12/4/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F136A1	6/5/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F136A1	12/10/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F136A1	6/3/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F136A1	12/2/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F136A1	12/8/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F136A1	12/7/1999		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F136A1	12/7/1999	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F136A1	12/6/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F136A1	6/20/2001		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F136A1	6/20/2001	Dup	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F136A1	6/24/2003		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F136A1	8/24/2003	Dup	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F136A1	6/22/2005		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F136A1	6/14/2007		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F136A1	6/15/2009		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F137A1	1/7/1991		1.5	22	7	12		0.2	9.4	0.5
F137A1	2/5/1991		0.5	7.7	3	11		0.2	1	0.5

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F137A1	7/26/1991		1.3	8.6	3.8		3.5	< 0.5	< 0.5	< 0.5
F137A1	10/14/1991		1.4	9.2	4.3		4.8	< 0.5	< 0.5	< 0.5
F137A1	12/9/1991		< 5	< 5	6.6			< 5	< 5	
F137A1	3/12/1992		1.4	8.4	4.3		4.3	< 0.5	1	< 0.5
F137A1	6/15/1992		1.1	6.8	4		4.4	< 0.5	< 0.5	< 0.5
F137A1	9/23/1992		1.1	8.4	3.9		6.3	< 0.5	0.5	< 0.5
F137A1	12/17/1992		< 5	6.2	< 5		< 5	< 5	< 5	
F137A1	3/10/1993		1.2	7	4.3		5.2	< 0.5	< 0.5	< 0.5
F137A1	3/10/1993	Dup	1	6.8	4		4.8	< 0.5	< 0.5	< 0.5
F137A1	8/8/1993		< 0.5	6.6	2.1		3.1	< 0.5	0.8	< 0.5
F137A1	9/14/1993		3.8	11	2		2.4	< 0.5	12	< 0.5
F137A1	12/13/1993		< 5	< 5	< 5		< 5	< 5	< 5	
F137A1	3/9/1994		1.8	5.4	3.2		4	< 0.5	2.7	< 0.5
F137A1	3/9/1994	Dup	2.5	5.2	3.2		3.9	< 0.5	2.6	< 0.5
F137A1	6/8/1994		2.1	5.7	2.3		4	< 0.5	1.4	< 0.5
F137A1	12/9/1994		< 5	< 5	< 5		< 5	< 5	< 5	
F137A1	6/7/1995		4.8	4.9	2.3		4	< 0.5	1.8	< 0.5
F137A1	12/7/1995		< 5	< 5	< 5		< 5	< 5	< 5	
F137A1	6/10/1996		12	4.2	2	9.2	4	< 0.5	2.1	< 0.5
F137A1	12/12/1996		8.5	< 5	< 5	5.7	< 5	< 5	< 5	
F137A1	6/26/2008		200	930	18	57	85	< 10	400	< 10
F137A1	6/11/2009		93	220	3.1	20	23	5.4	85	< 2.5
F138A1U	3/7/1996		4.7	4.2	8.7	3.6	0.75	< 0.5	< 0.5	< 0.5
F138A1U	6/10/1996		3.3	< 0.5	8.4	3.4	4.6	< 0.5	< 0.5	< 0.5
F138A1U	9/11/1996		0.81	< 0.5	0.69	1.4	3.1	< 0.5	< 0.5	< 0.5
F138A1U	12/13/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F138A1U	3/5/1997		1.1	< 0.5	2.9	2.2	3.5	< 0.5	< 0.5	< 0.5
F138A1U	6/4/1997		3	< 0.5	7	4.1	4	< 0.5	< 0.5	< 0.5
F138A1U	9/10/1997		1.3	< 0.5	4.1	0.65	2.3	< 0.5	< 0.5	< 0.5
F138A1U	12/3/1997		1.7	< 0.5	4.3	2.3	2.1	< 0.5	< 0.5	< 0.5
F138A1U	6/2/1998		1.4	< 0.5	6.4	3.4	3	< 0.5	< 0.5	< 0.5
F138A1U	12/8/1998		< 0.5	< 0.5	1.63	0.86	1.73	< 0.5	< 0.5	< 0.5
F138A1U	6/9/1999		1.26	0.801	4.12	5.16	3.15	< 0.500	< 0.500	< 0.500
F138A1U	12/14/1999		2.67	0.851	2.45	2.15	1.02	< 0.5	< 0.5	< 0.5
F138A1U	6/8/2000		5.7	5.6	7.4	11	3.2	< 0.50	< 0.50	< 0.50
F138A1U	12/6/2000		2.4	< 0.50	7.3	8.1	3.4	< 0.50	< 2.0	< 0.50
F138A1U	6/20/2001		1.8	< 0.50	7.4	7.1	3.2	< 0.50	< 2.0	< 0.50
F138A1U	6/27/2002		6.8	< 0.50	7.9	9.7	3.9	< 0.50	< 0.50	< 0.50
F138A1U	6/25/2003		8.2	3.9	5.8	8.6	3.2	< 0.50	< 0.50	< 0.50
F138A1U	6/25/2004		6.2	2.1	4.8	7.1	4.0	< 0.50	< 0.50	< 0.50
F138A1U	6/20/2005		< 0.50	< 0.50	0.73	1.1	1.3	< 0.50	< 0.50	< 0.50
F138A1U	6/27/2006		< 0.50	< 0.50	< 0.50	0.51	0.50	< 0.50	< 0.50	< 0.50
F138A1U	6/14/2007		< 0.50	< 0.50	< 0.50	0.81	0.80	< 0.50	< 0.50	< 0.50
F138A1U	6/12/2008		< 0.50	< 0.50	0.68	1.2	1.4	< 0.50	< 0.50	< 0.50
F138A1U	6/15/2009		< 0.50	< 0.50	0.65	0.79	1.4	< 0.50	< 0.50	< 0.50
F138A1U	6/15/2009	Dup	< 0.50	< 0.50	0.65	0.56	1.4	< 0.50	< 0.50	< 0.50
F139A1	3/4/1996		2.4	1.5	2.5	0.98	< 0.5	< 0.5	< 0.5	< 0.5
F139A1	6/7/1996		< 0.5	< 0.5	1.7	< 0.5	0.63	< 0.5	< 0.5	< 0.5
F139A1	9/11/1996		< 0.5	< 0.5	0.89	0.91	1.8	< 0.5	< 0.5	< 0.5
F139A1	9/11/1996	Dup	< 0.5	< 0.5	0.83	0.88	1.6	< 0.5	< 0.5	< 0.5
F139A1	12/12/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F139A1	3/5/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F139A1	6/4/1997		< 0.5	< 0.5	0.95	0.77	2	< 0.5	< 0.5	< 0.5
F139A1	9/9/1997		< 0.5	< 0.5	1.2	1.1	2.8	< 0.5	< 0.5	< 0.5
F139A1	12/3/1997		0.65	< 0.5	1.2	0.91	2	< 0.5	< 0.5	< 0.5
F139A1	6/2/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F139A1	12/8/1998		0.764	< 0.5	3.08	2.16	4.28	< 0.5	< 0.5	< 0.5
F139A1	6/9/1999		0.512	< 0.500	2.14	1.18	1.96	< 0.500	< 0.500	< 0.500
F139A1	12/14/1999		1.19	< 0.5	3.36	2.37	2.15	< 0.5	< 0.5	< 0.5
F139A1	6/8/2000		0.64	< 0.50	1.6	< 0.50	1.3	< 0.50	< 2.0	< 0.50
F139A1	12/6/2000		1.1	< 0.50	2.9	2.2	2.0	< 0.50	< 2.0	< 0.50
F139A1	6/20/2001		< 0.50	< 0.50	0.63	0.84	0.93	< 0.50	< 2.0	< 0.50
F139A1	6/27/2002		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F139A1	6/25/2003		1.2	< 0.50	1.7	1.5	1.7	< 0.50	< 0.50	< 0.50
F139A1	6/25/2004		2.0	0.78	0.78	1.9	< 0.50	< 0.50	< 0.50	< 0.50
F139A1	6/20/2005		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F139A1	6/27/2006		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F139A1	6/14/2007		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F139A1	6/12/2008		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F139A1	6/12/2008	Dup	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F139A1	6/15/2009		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F140A1	3/7/1996		< 0.5	2.1	0.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F140A1	6/5/1996		< 0.5	1.7	1.4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F140A1	9/10/1998		< 0.5	1.7	1.4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F140A1	12/11/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F140A1	3/6/1997		0.8	4.4	2.6	2	< 0.5	< 0.5	< 0.5	< 0.5
F140A1	6/3/1997		< 0.5	1.4	1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F140A1	9/9/1997		0.68	4	3.3	0.99	< 0.5	< 0.5	< 0.5	< 0.5
F140A1	12/3/1997		0.93	3.1	2.3	0.92	< 0.5	< 0.5	< 0.5	< 0.5
F140A1	6/2/1998		< 0.5	< 0.5	0.54	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F140A1	12/8/1998		0.97	3.88	2.68	1.01	< 0.5	< 0.5	< 0.5	< 0.5
F140A1	6/9/1999		0.928	3.40	2.71	0.880	< 0.500	< 0.500	< 0.500	< 0.500
F140A1	12/14/1999		0.807	2.15	1.77	0.513	< 0.5	< 0.5	< 0.5	< 0.5
F140A1	6/7/2000		< 0.50	1.3	1.1	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F140A1	12/8/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F140A1	6/20/2001		1.3	2.8	1.7	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F140A1	6/24/2003		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F140A1	6/20/2005		1.7	2.0	3.1	0.82	< 0.50	< 0.50	< 0.50	< 0.50
F140A1	6/14/2007		2.8	3.0	3.3	1.2	< 0.50	< 0.50	< 0.50	< 0.50
F140A1	6/15/2009		2.6	3.0	2.4	0.64	< 0.50	< 0.50	< 0.50	< 0.50
F141A1U	12/4/1992		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F141A1U	12/4/1992	Dup	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F141A1U	3/11/1993		0.8	0.6	0.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F141A1U	6/15/1993		0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F141A1U	9/13/1993		< 0.5	< 0.5	0.78	< 0.5	< 0.5	1.2	< 0.5	< 0.5
F141A1U	12/13/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F141A1U	3/4/1994		1.7	< 0.5	1.2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F141A1U	3/4/1994	Dup	2.1	< 0.5	1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F141A1U	6/9/1994		1.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F141A1U	9/8/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F141A1U	12/9/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F141A1U	3/6/1995		2.3	< 0.5	0.52	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F141A1U	6/5/1995		1.4	< 0.5	0.75	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F141A1U	9/5/1995		2	< 0.5	0.98	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F141A1U	12/6/1995		1.3	< 0.5	0.69	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F141A1U	2/22/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F141A1U	2/22/1996	Dup	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F141A1U	3/5/1996		2.2	< 0.5	0.84	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F141A1U	6/8/1996		1.5	< 0.5	1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F141A1U	9/10/1996		1.4	< 0.5	1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F141A1U	12/11/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F141A1U	12/11/1996	Dup	< 5	< 5	< 5	< 5	< 5	< 5	< 5	

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F141A1U	3/4/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F141A1U	6/3/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F141A1U	9/9/1997		0.68	< 0.5	0.78	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F141A1U	12/8/1997		0.65	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F141A1U	12/8/1997	Dup	0.73	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F141A1U	6/5/1998		1.1	< 0.5	0.95	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F141A1U	12/11/1998		2.83	< 0.5	1.09	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F141A1U	6/9/1999		2.15	< 0.500	1.10	< 0.500	< 0.500	0.847	< 0.500	< 0.500
F141A1U	12/7/1999		1.47	< 0.5	1.18	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F141A1U	1/28/2000		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F141A1U	6/7/2000		1.1	< 0.50	0.72	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F141A1U	12/8/2000		1.7	< 0.50	0.98	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F141A1U	6/21/2001		1.1	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F141A1U	6/26/2002		1.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F141A1U	6/26/2003		1.1	< 0.50	0.76	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F141A1U	6/31/2004		0.92	< 0.50	0.64	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F141A1U	8/31/2004		0.90	< 0.50	0.64	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F141A1U	6/21/2005		0.97	< 0.50	0.71	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F141A1U	6/27/2006		0.80	< 0.50	0.55	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F141A1U	6/14/2007		0.91	< 0.50	0.70	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F141A1U	6/10/2008		1.0	< 0.50	0.73	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F141A1U	6/15/2009		0.91	< 0.50	0.57	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F142A1	12/4/1992		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F142A1	3/11/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F142A1	6/15/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F142A1	9/13/1993		5.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F142A1	12/9/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F142A1	3/4/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F142A1	6/9/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F142A1	9/8/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F142A1	12/9/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F142A1	3/6/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F142A1	6/2/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F142A1	9/5/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F142A1	12/4/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F142A1	3/4/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F142A1	6/6/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F142A1	9/10/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F142A1	12/9/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F142A1	3/4/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F142A1	6/3/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F142A1	9/9/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F142A1	12/8/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F142A1	6/4/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F142A1	12/10/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F142A1	6/9/1999		0.955	< 0.500	< 0.500	< 0.500	< 0.500	0.653	< 0.500	< 0.500
F142A1	12/7/1999		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F142A1	1/28/2000		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F142A1	6/7/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F142A1	12/8/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F142A1	6/21/2001		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F142A1	6/26/2002		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F142A1	6/26/2003		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F142A1	6/22/2004		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F142A1	6/21/2005		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F142A1	6/27/2006		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F142A1	6/18/2007		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F142A1	6/10/2008		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F142A1	6/15/2009		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F143A1U	12/16/1992		< 5	< 5	< 5	< 5		< 5	< 5	
F143A1U	3/8/1993		< 0.5	2.5	1.2		< 0.5	< 0.5	< 0.5	< 0.5
F143A1U	3/8/1993	Dup	< 0.5	2.4	1.1		< 0.5	< 0.5	< 0.5	< 0.5
F143A1U	6/11/1993		< 0.5	2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F143A1U	9/9/1993		< 0.5	3.1	0.95		< 0.5	< 0.5	< 0.5	< 0.5
F143A1U	12/8/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F143A1U	3/3/1994		< 0.5	1.8	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5
F143A1U	6/10/1994		< 0.5	1.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F143A1U	6/10/1994	Dup	< 0.5	1.2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F143A1U	9/7/1994		1.5	1.4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F143A1U	12/7/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F143A1U	3/2/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F143A1U	6/5/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F143A1U	9/5/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F143A1U	12/5/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F143A1U	3/5/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F143A1U	6/4/1996		< 0.5	1.9	< 0.5	0.5	< 0.5	< 0.5	< 0.5	< 0.5
F143A1U	9/10/1996		< 0.5	1.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F143A1U	12/9/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F143A1U	3/4/1997		< 0.5	2.1	< 0.5	0.61	< 0.5	< 0.5	< 0.5	< 0.5
F143A1U	6/3/1997		< 0.5	1.7	< 0.5	0.65	< 0.5	< 0.5	< 0.5	< 0.5
F143A1U	9/9/1997		< 0.5	4.5	< 0.5	0.81	< 0.5	< 0.5	< 0.5	< 0.5
F143A1U	12/3/1997		< 0.5	1.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F143A1U	12/9/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F143A1U	12/7/1999		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F143A1U	1/28/2000		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F143A1U	12/6/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F143A1U	6/20/2001		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F143A1U	6/24/2003		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F143A1U	6/21/2005		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F143A1U	6/14/2007		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F143A1U	6/15/2009		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F144A2	12/16/1992		< 5	< 5	< 5	< 5		< 5	< 5	
F144A2	3/12/1993		0.7	1.4	< 0.5	< 0.5	0.5	< 0.5	< 0.5	< 0.5
F144A2	6/14/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F144A2	6/14/1993	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F144A2	9/10/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F144A2	12/10/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F144A2	3/2/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F144A2	6/2/1994		0.52	0.73	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F144A2	9/2/1994		< 0.5	0.51	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F144A2	12/5/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F144A2	3/2/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F144A2	6/5/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F144A2	9/6/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F144A2	12/5/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F144A2	3/5/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F144A2	6/5/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F144A2	9/10/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F144A2	12/10/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F144A2	3/4/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F144A2	8/3/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F144A2	9/9/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F144A2	12/8/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F144A2	12/8/1997	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F144A2	6/3/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F144A2	12/9/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F144A2	6/9/1999		1.45	1.39	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500
F144A2	12/14/1999		0.593	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F144A2	6/6/2000		270	320	45	68	370	< 5.0	27	< 5.0
F144A2	9/7/2000		200	210	28	49	240	< 10	45	< 10
F144A2	12/6/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F145A1	12/21/1992		250	11	2	< 2.5	6.1	8.2	3	< 0.5
F145A1	12/21/1992	Dup	280	12	2	< 2.5	6.2	7.4	3	< 0.5
F145A1	12/28/1992		250	11	2	< 2.5	6.1	8.2	3	< 0.5
F145A1	3/8/1993		320	24	4.8	< 5	8	7	2.6	< 1
F145A1	6/14/1993		330	26	3.8	< 5	8.8	1.2	4.4	< 1
F145A1	9/13/1993		250	55	5.2	< 5	73	< 1	< 1	< 1
F145A1	12/3/1993		150	8.4	< 5		8.3	< 5	< 5	
F145A1	3/10/1994		200	14	4.6		6	< 1	4.7	< 1
F145A1	6/13/1994		440	25	5.3		9.8	1.3	4.7	< 1
F145A1	9/9/1994		380	22	6.1		9.8	1.2	5	< 1
F145A1	12/13/1994		270	20	5.1		7.8	< 5	7.4	
F145A1	3/7/1995		260	16	4.9		9.7	1.9	2.6	< 1
F145A1	6/6/1995		360	24	5		11	< 5	< 5	< 5
F145A1	9/7/1995		370	29	7.5		17	< 5	< 5	< 5
F145A1	12/8/1995		350	21	7	< 25	18	< 5	5.6	
F145A1	12/8/1995	Dup	350	23	7.5	< 5	17	< 5	6.1	
F145A1	3/7/1996		330	27	8.4	18	16	14	< 5	< 5
F145A1	6/6/1996		340	22	7.9	30	18	2.3	6.2	< 0.5
F145A1	9/12/1996		220	18	6.6	14	21	< 5	< 5	< 5
F145A1	12/13/1996		240	11	< 10	12	18	< 10	< 10	
F145A1	3/6/1997		14	1.4	0.67	0.51	3	< 0.5	< 0.5	< 0.5
F145A1	6/6/1997		260	25	< 10	21	33	< 10	< 10	< 10
F145A1	9/12/1997		330	28	7.9	25	52	< 5	6	< 5
F145A1	12/5/1997		83	6.6	< 5	< 5	25	< 5	< 5	< 5
F145A1	6/3/1998		83	< 5	< 5	< 5	19	< 5	< 5	< 5
F145A1	6/3/1998	Dup	91	< 5	< 5	< 5	20	< 5	< 5	< 5
F145A1	12/10/1998		220	17.8	< 5	15.6	46.2	< 5	< 5	< 5
F145A1	12/10/1998	Dup	234	18.1	5.48	16.2	47.6	< 5	< 5	< 5
F145A1	8/8/1999		288	< 10.0	< 10.0	16.7	39.1	< 10.0	< 10.0	< 10.0
F145A1	1/28/2000		228	30.6	< 5	15	35.6	< 5	< 5	< 5
F145A1	6/8/2000		130	< 10	< 10	< 10	< 10	< 10	< 40	< 10
F145A1	12/8/2000		250	31	13	< 5.0	42	< 5.0	< 20	< 5.0
F145A1	6/27/2003		150	21	2.5	7.1	14	< 2.0	2.5	< 2.0
F145A1	6/20/2005		34	2.1	0.63	1.2	4.7	3.3	< 0.50	< 0.50
F145A1	6/20/2007		160	18	2.9	8.9	21	4.3	3.3	< 2.0
F145A1	6/10/2009		25	0.91	0.78	0.77	9.6	4.0	< 0.50	< 0.50
F146A1U	12/18/1992		0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F146A1U	12/28/1992		0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F146A1U	12/28/1992	Dup	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F146A1U	3/11/1993		0.8	0.5	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F146A1U	6/9/1993		1.4	< 0.5	0.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F146A1U	9/9/1993		2.3	< 0.5	0.89	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F146A1U	12/13/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F146A1U	12/13/1993	Dup	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F146A1U	3/8/1994		1.9	< 0.5	0.65	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F146A1U	6/10/1994		1.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F146A1U	9/7/1994		2.5	< 0.5	0.73	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F146A1U	12/7/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F146A1U	12/7/1994	Dup	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F146A1U	3/6/1995		2.6	< 0.5	0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F146A1U	6/2/1995		2.3	< 0.5	0.61	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F146A1U	9/5/1995		1.4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F146A1U	12/6/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F146A1U	3/5/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F146A1U	6/6/1996		1.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F146A1U	9/10/1996		0.82	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F146A1U	12/11/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F146A1U	3/4/1997		1.4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F146A1U	6/4/1997		2.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F146A1U	9/9/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F146A1U	12/4/1997		0.68	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F146A1U	6/3/1998		0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F146A1U	12/9/1998		0.965	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F146A1U	6/9/1999		0.683	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500
F146A1U	12/7/1999		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F146A1U	6/7/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F146A1U	12/7/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F147A1	12/21/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F147A1	12/28/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F147A1	3/12/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F147A1	6/9/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F147A1	9/9/1993		0.65	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F147A1	12/9/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F147A1	3/3/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F147A1	3/3/1994	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F147A1	6/10/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F147A1	9/7/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F147A1	12/7/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F147A1	3/6/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F147A1	6/6/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F147A1	9/5/1995		< 0.5	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5
F147A1	12/4/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F147A1	3/5/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F147A1	3/5/1996	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F147A1	6/4/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F147A1	6/4/1996	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F147A1	9/10/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F147A1	12/9/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F147A1	3/4/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F147A1	6/6/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F147A1	6/6/1997	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F147A1	9/9/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F147A1	9/9/1997	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F147A1	12/4/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F147A1	6/3/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F147A1	12/8/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F147A1	6/9/1999		< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500
F147A1	12/7/1999		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F147A1	1/28/2000		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F147A1	6/7/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F147A1	12/7/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F148A1U	11/9/1995		12	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
F146A1U	12/6/1995		8.5	< 5	< 5	< 5	< 5	< 5	< 5	
F148A1U	3/6/1996		10	1.5	< 0.5	< 0.5	0.79	< 0.5	< 0.5	< 0.5

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F148A1U	6/7/1996		7.6	1.6	< 0.5	< 0.5	0.69	< 0.5	< 0.5	< 0.5
F148A1U	9/11/1996		7.8	1.1	0.56	< 0.5	1.6	0.68	< 0.5	< 0.5
F148A1U	9/11/1996	Dup	7	1	< 0.5	< 0.5	0.86	0.7	< 0.5	< 0.5
F148A1U	12/11/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F148A1U	3/5/1997		4.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F148A1U	6/4/1997		8.9	< 0.5	< 0.5	< 0.5	0.92	0.68	< 0.5	< 0.5
F148A1U	9/10/1997		1.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F148A1U	12/9/1997		1.2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F148A1U	6/4/1998		4.4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F148A1U	12/10/1998		2.48	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F148A1U	6/9/1999		5.45	< 0.500	< 0.500	< 0.500	0.533	1.07	< 0.500	< 0.500
F148A1U	12/7/1999		7.73	< 0.5	< 0.5	< 0.5	0.873	0.579	< 0.5	< 0.5
F148A1U	1/28/2000		8.07	< 0.5	< 0.5	< 0.5	0.721	0.549	< 0.5	< 0.5
F148A1U	6/7/2000		6.3	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F148A1U	12/8/2000		6.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F149A1U	11/9/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F149A1U	12/5/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F149A1U	3/5/1996		2.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F149A1U	4/4/1996		3.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F149A1U	6/6/1996		1.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F149A1U	6/6/1996	Dup	1.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F149A1U	9/10/1996		1.2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F149A1U	12/10/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F149A1U	12/10/1996	Dup	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F149A1U	3/4/1997		0.65	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F149A1U	3/4/1997	Dup	0.84	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F149A1U	6/3/1997		0.54	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F149A1U	9/9/1997		0.56	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F149A1U	12/2/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F149A1U	6/3/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F149A1U	12/6/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F149A1U	12/8/1998	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F149A1U	6/9/1999		< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500
F149A1U	12/7/1999		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F149A1U	6/7/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F149A1U	12/6/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F150A1	11/9/1995		6.3	< 5	< 5	< 5	< 5	< 5	< 5	< 5
F150A1	12/5/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F150A1	3/5/1996		3	< 0.5	0.85	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F150A1	8/6/1996		1.2	< 0.5	0.94	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F150A1	9/11/1996		1.6	< 0.5	1.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F150A1	12/11/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F150A1	3/4/1997		1.3	< 0.5	1.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F150A1	6/4/1997		1.1	< 0.5	1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F150A1	9/9/1997		1.2	< 0.5	0.75	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F150A1	12/2/1997		0.77	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F150A1	6/3/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F150A1	12/9/1998		1.12	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F150A1	6/9/1999		1.02	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500
F150A1	12/7/1999		0.945	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F150A1	12/7/1999	Dup	1.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F150A1	6/7/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F150A1	12/6/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F151B	10/16/1995		0.81	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F151B	10/18/1995	Dup	0.64	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
F151B	12/5/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F151B	3/5/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F151B	6/6/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F151B	9/11/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F151B	12/10/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
F151B	3/4/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F151B	12/3/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F151B	12/9/1999		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
F151B	6/19/2001		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
F151B	6/25/2003		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F151B	6/22/2005		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F151B	6/13/2007		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
F151B	6/15/2009		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
M-1	12/14/1990		56	110	8.6	12		4.3	76	10
M-1	4/17/1991		110	210	14	0.5	60	9	200	< 0.5
M-1	5/3/1991									< 10
M-1	7/24/1991		150	170	10	< 0.5	72	8.1	< 0.5	< 0.5
M-1	11/6/1991		130	120	12	< 0.5	75	9.2	84	< 0.5
M-1	12/6/1991		120	89	12			< 5	95	
M-1	3/10/1992		86	74	9.7	< 5	62	5.2	47	< 0.5
M-1	6/10/1992		70	46	7.8	< 1	46	4.3	38	< 0.5
M-1	9/11/1992		100	120	6.8	< 2.5	49	4.9	100	< 0.5
M-2	2/5/1991		1.1	1.2	0.4	2.6		0.2	1	1
M-2	4/15/1991		3	2	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5
M-2	7/26/1991		7.9	3.4	< 0.5		< 0.5	< 0.5	2.8	< 0.5
M-3	12/19/1990		9.6	3.2	2.5	20		1.5	3.6	2
M-3	4/15/1991		25	5	3		1	4	2	< 0.5
M-3	7/24/1991		25	4.9	2.3		0.5	4.9	2.3	< 0.5
MB-2	9/17/1992		1.7	< 0.5	6		1	< 0.5	< 0.5	< 0.5
MB-2	12/16/1992		< 5	< 5	< 5			< 5	< 5	
MB-2	3/9/1993		1.6	< 0.5	5		0.7	< 0.5	< 0.5	< 0.5
MB-2	6/4/1993		0.9	< 0.5	3		< 0.5	< 0.5	< 0.5	< 0.5
MB-2	9/10/1993		0.92	< 0.5	3.7		0.51	< 0.5	< 0.5	< 0.5
MB-2	12/8/1993		< 5	< 5	5.2		< 5	< 5	< 5	
MB-2	3/9/1994		2	< 0.5	5.9		0.97	< 0.5	< 0.5	< 0.5
MB-2	6/9/1994		1.4	< 0.5	5.7		< 0.5	< 0.5	< 0.5	< 0.5
MB-2	9/7/1994		1.9	0.69	6.2		0.89	< 0.5	< 0.5	< 0.5
MB-2	12/7/1994		< 5	< 5	5.2		< 5	< 5	< 5	
MB-2	3/3/1995		1.6	< 0.5	5		0.58	< 0.5	< 0.5	< 0.5
MB-2	6/7/1995		1.7	0.66	3.8		2	< 0.5	< 0.5	< 0.5
MB-2	9/6/1995		1.5	1.6	3.6		0.5	< 0.5	< 0.5	< 0.5
MB-2	12/7/1995		< 5	< 5	< 5		< 5	< 5	< 5	
MB-2	3/8/1996		2.4	1.1	3	4.2	< 0.5	< 0.5	< 0.5	< 0.5
MB-2	6/7/1996		0.51	0.53	1.9	3	< 0.5	< 0.5	< 0.5	< 0.5
MB-2	9/11/1996		0.67	0.58	2.2	3.4	< 0.5	< 0.5	< 0.5	< 0.5
MB-2	12/12/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
MB-2	3/5/1997		0.89	< 0.5	1.8	1.8	< 0.5	< 0.5	< 0.5	< 0.5
MB-2	3/5/1997	Dup	0.93	< 0.5	1.6	1.7	< 0.5	< 0.5	< 0.5	< 0.5
MB-2	6/4/1997		0.61	< 0.5	1.6	1.7	< 0.5	< 0.5	< 0.5	< 0.5
MB-2	9/9/1997		0.93	< 0.5	1.6	1.6	< 0.5	< 0.5	< 0.5	< 0.5
MB-2	12/8/1997		0.99	< 0.5	1.4	1.4	< 0.5	< 0.5	< 0.5	< 0.5
O3A2	12/6/1990		5	25	12	24		2	10	0.5
O3A2	5/1/1991		< 0.5	1	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
O3A2	7/22/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O3A2	12/4/1991		< 5	< 5	< 5	< 5		< 5	< 5	
O4A2	12/7/1990		0.5	0.3	0.4	0.3		0.2	1	0.5
O4A2	4/12/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O4A2	7/22/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O4A2	12/4/1991		< 5	15	< 5			< 5	< 5	
O5A	2/5/1991		0.5	11	3	6.4		0.2	1	1
O5A	8/1/1991		< 0.5	8.7	3.5		< 0.5	< 0.5	< 0.5	< 0.5
O5A	12/4/1991		< 5	14	< 5			< 5	< 5	
O6A	12/5/1990		15	13	8	7.8		0.2	3.3	1
O6A	4/8/1991									< 10
O6A	5/1/1991		36	21	13		1	< 1	< 1	< 1
O6A	7/22/1991		42	25	13		1.1	< 0.5	3.1	< 0.5
O6A	10/4/1991		23	15	8.2		2.9	< 0.5	1.2	< 0.5
O6A	12/10/1991		34	16	11			< 5	< 5	
O10A	12/14/1990		5	13	7.4	7.3		2	7.7	10
O10A	7/22/1991		74	3,000	250		2,200	< 10	660	< 10
O10A	12/4/1991		12	810	69	< 50		< 5	120	
O10A	12/4/1991	Dup	< 5	530	80	< 25		< 5	120	
O11A	12/20/1990									10
O11A	4/6/1991									< 10
O13A	12/14/1990		68	640	120	140		2	320	10
O13A	12/14/1990	Dup	120	1,700	98	140	1,720	2	220	10
O13A	2/5/1991		55	6,700	300	870		20	1,200	100
O13A	4/8/1991									< 10
O13A	5/1/1991		120	2,100	120		1,700	< 25	1,200	< 25
O13A	7/22/1991		340	800	44	< 25	620	6.5	610	< 2.5
O13A	10/4/1991		200	1,000	94	< 50	1,300	5	590	< 5
O13A	12/9/1991		250	700	120	20		11	680	< 10
O15A	12/20/1990		130	130	5.9	5.7		0.2	12	0.5
O15A	2/6/1991		230	170	4	3		2	98	10
O15A	4/8/1991									< 10
O15A	4/8/1991	Dup								< 10
O15A	5/1/1991		350	150	< 1	< 5	44	< 1	110	< 1
O15A	5/1/1991	Dup	320	150	6	< 5	42	< 1	120	< 1
O15A	7/22/1991									< 10
O15A	10/4/1991		410	170	10	< 5	55	< 1	100	< 1
O15A	12/9/1991		200	81	9.6			< 5	51	< 10
O17B	12/5/1990		0.6	0.3	0.4	0.3		0.2	1	1
O17B	2/5/1991		0.5	0.3	0.4	0.3		0.2	1	0.5
O17B	9/27/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O17B	10/4/1991									< 0.5
O17B	12/16/1991		< 5	< 5	< 5	< 5		< 5	< 5	
O17B	3/9/1992									< 0.5
O17B	6/4/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O17B	9/14/1992									< 0.5
O17B	12/2/1992		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
O17B	6/9/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O17B	12/3/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
O17B	6/8/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

TABLE 4-1
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THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
O17B	12/12/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
O17B	6/2/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O17B	12/6/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
O17B	12/6/1995	Dup	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
O17B	6/6/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O17B	12/10/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
O17B	12/8/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O17B	12/11/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O17B	12/15/1999		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5
O17B	12/6/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
O17B	6/20/2001		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
O17B	6/20/2001	Dup	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
O17B	6/24/2003		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
O17B	6/24/2003	Dup	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
O17B	6/21/2005		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
O17B	6/13/2007		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
O17B	6/9/2009		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
O27A1	7/22/1991									< 0.5
O27A1	12/4/1991		< 5	< 5	< 5	< 5		< 5	< 5	
O27A1	6/4/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O27A1	12/3/1992		< 5	32	12			< 5	< 5	
O27A1	6/3/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O27A1	12/7/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
O27A1	6/7/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O27A1	12/12/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
O27A1	6/2/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O27A1	12/5/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
O27A1	6/4/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O27A1	12/9/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
O27A1	12/3/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O27A1	12/9/1999		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5
O28A1	12/6/1990		26	15	4.7	6.3		2	10	0.5
O28A1	4/19/1991		47	12	6		< 0.5	< 0.5	< 0.5	< 0.5
O28A1	7/22/1991		72	16	8.8		< 0.5	< 0.5	< 0.5	< 0.5
O28A1	10/4/1991		66	16	6.5		< 0.5	< 0.5	< 0.5	< 0.5
O28A1	10/4/1991	Dup	62	14	8.1		< 0.5	< 0.5	< 0.5	< 0.5
O28A1	12/9/1991		52	< 5	8.2			< 5	< 5	< 10
O28A1	12/9/1991	Dup	52	< 5	8.5			< 5	< 5	< 10
O28A1	3/10/1992		27	5.8	3.5		< 0.5	< 0.5	< 0.5	< 0.5
O28A1	6/4/1992		39	6.9	5		< 0.5	< 0.5	< 0.5	< 0.5
O28A1	9/15/1992		49	9.2	7.5		< 0.5	< 0.5	< 0.5	< 0.5
O28A1	12/2/1992		70	< 5	9.2		< 5	< 5	< 5	< 10
O28A1	12/2/1992	Dup	52	< 5	< 5	< 5	< 5	< 5	< 5	< 10
O28A1	12/29/1992		70	< 5	9.2		< 5	< 5	< 5	< 10
O28A1	12/29/1992	Dup	52	< 5	< 5	< 5	< 5	< 5	< 5	< 10
O28A1	3/2/1993		9	1.6	0.9		< 0.5	< 0.5	< 0.5	< 0.5
O28A1	6/8/1993		48	12	7		< 0.5	< 0.5	< 0.5	< 0.5
O28A1	9/7/1993		28	6.5	4.3		< 0.5	< 0.5	< 0.5	< 0.5
O28A1	12/7/1993		47	8.5	6.6		< 5	< 5	< 5	< 10
O28A1	3/9/1994		56	11	8.5		0.86	< 0.5	0.67	< 0.5
O28A1	6/7/1994		43	7.4	5		0.6	< 0.5	< 0.5	< 0.5
O28A1	9/2/1994		60	14	9.3		0.63	< 0.5	0.65	< 0.5
O28A1	12/8/1994		74	12	10		< 5	< 5	< 5	< 10
O28A1	3/3/1995		38	7.2	5.7		< 0.5	< 0.5	< 0.5	< 0.5
O28A1	6/7/1995		22	4.4	4.5		< 0.5	< 0.5	< 0.5	< 0.5
O28A1	9/6/1995		24	5	4.3		< 0.5	< 0.5	< 0.5	< 0.5

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
O28A1	12/7/1995		12	< 5	< 5	< 5	< 5	< 5	< 5	< 10
O28A1	12/7/1995	Dup								< 10
O28A1	3/6/1996		29	5.7	3.2	3.1	< 0.5	< 0.5	< 0.5	< 0.5
O28A1	6/10/1996		20	3.7	2.7	2.4	< 0.5	< 0.5	< 0.5	< 0.5
O28A1	9/11/1996		16	3	2.4	2	< 0.5	< 0.5	< 0.5	< 0.5
O28A1	12/11/1996		16	< 5	< 5	< 5	< 5	< 5	< 5	< 10
O28A1	3/5/1997		13	2.3	1.7	0.91	< 0.5	< 0.5	< 0.5	< 0.5
O28A1	6/4/1997		13	1.6	1.4	1.2	< 0.5	< 0.5	< 0.5	< 0.5
O28A1	9/10/1997		12	1.7	1.3	1	< 0.5	< 0.5	< 0.5	< 0.5
O28A1	12/5/1997		16	1.5	1.3	1.1	< 0.5	< 0.5	< 0.5	< 0.5
O28A1	6/4/1998		12	0.69	0.86	0.79	< 0.5	< 0.5	< 0.5	< 0.5
O28A1	12/10/1998		9.36	0.572	0.909	0.726	< 0.5	< 0.5	< 0.5	< 0.5
O28A1	6/10/1999		17.6	1.32	1.42	1.17	< 1.00	< 1.00	< 1.00	< 1.00
O28A1	12/15/1999		13.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5
O28A1	6/8/2000		19	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
O28A1	12/6/2000		11	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
O28A1	6/20/2001		16	0.50	0.82	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
O28A1	6/24/2003		18	0.53	1.1	0.98	< 0.50	< 0.50	< 0.50	< 0.50
O28A1	6/22/2005		24	0.63	1.1	1.3	< 0.50	< 0.50	< 0.50	< 0.50
O28A1	6/22/2005	Dup	25	0.66	1.2	1.3	< 0.50	< 0.50	< 0.50	< 0.50
O28A1	9/10/2007		19	0.67	0.92	0.97	< 0.50	< 0.50	0.65	< 0.50
O28A1	6/11/2008		12	< 0.50	0.59	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
O28A1	12/11/2008		16	< 0.50	0.68	0.59	< 0.50	< 0.50	< 0.50	< 0.50
O28A1	12/11/2008	Dup	16	< 0.50	0.70	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
O28A1	6/10/2009		12	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
O48A	12/7/1990		730	900	8.3	65		26	360	18
O48A	12/7/1990	Dup	760	980	9.1	69		35	390	19
O48A	2/15/1991		1,200	1,200	5			51		
O48A	4/8/1991									210
O48A	5/1/1991		9,300	9,300	57	< 5	500	210	3,000	400
O48A	7/22/1991		13,000	12,000	< 50	< 250	350	270	2,700	320
O48A	10/4/1991		7,000	7,700	< 25	< 120	260	140	1,300	220
O48A	12/9/1991		970	1,100	47	< 50		38	260	170
O52A2	12/6/1990		0.5	0.9	16	1.1		0.2	1	0.5
O52A2	12/6/1990	Dup	0.5	0.9	16	1.1		0.2	1	0.5
O52A2	4/19/1991		2	< 0.5	18		< 0.5	< 0.5	< 0.5	< 0.5
O52A2	7/22/1991		13	2.9	18		< 0.5	< 0.5	< 0.5	< 0.5
O52A2	10/4/1991		0.5	2.6	24		< 0.5	< 0.5	< 0.5	< 0.5
O52A2	12/9/1991		6	< 5	11	< 5		< 5	< 5	< 10
O52A2	3/10/1992		16	3.3	16		< 0.5	< 0.5	< 0.5	< 0.5
O52A2	6/4/1992		24	2.9	12		< 0.5	< 0.5	< 0.5	< 0.5
O52A2	9/14/1992		22	2.3	11	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
D52A2	12/2/1992		< 5	< 5	12	< 5	< 5	< 5	< 5	
O52A2	3/3/1993		0.7	0.7	9.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O52A2	6/3/1993		22	2.1	8.1		< 0.5	< 0.5	< 0.5	< 0.5
O52A2	9/8/1993		23	3.2	10		< 0.5	< 0.5	< 0.5	< 0.5
O52A2	12/7/1993		< 5	< 5	8.3	< 5	< 5	< 5	< 5	
O52A2	3/10/1994		12	1.3	5.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O52A2	6/7/1994		8.2	0.97	12		< 0.5	< 0.5	< 0.5	< 0.5
O52A2	9/2/1994		20	3.1	8.4		< 0.5	< 0.5	< 0.5	< 0.5
O52A2	12/8/1994		21	< 5	7.2	< 5	< 5	< 5	< 5	
O52A2	3/3/1995		13	1.1	5.6		< 0.5	< 0.5	< 0.5	< 0.5
O52A2	8/7/1995		3.8	< 0.5	2.4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O52A2	9/5/1995		5.7	0.62	4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O52A2	9/5/1995	Dup	4.6	0.86	3.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O52A2	12/6/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
O52A2	3/6/1996		2.4	< 0.5	2.4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O52A2	6/6/1996		1.2	0.83	3.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O52A2	9/11/1996		0.9	0.66	2.4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O52A2	12/10/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
O52A2	3/7/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O52A2	6/4/1997		< 0.5	< 0.5	1.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O52A2	9/9/1997		< 0.5	< 0.5	1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O52A2	12/9/1997		0.96	1.4	3.3		1.5	< 0.5	< 0.5	< 0.5
O52A2	6/3/1998		< 0.5	< 0.5	1.4	< 0.5	0.54	< 0.5	< 0.5	< 0.5
O52A2	12/9/1998		0.749	< 0.5	1.81	< 0.5	0.826	< 0.5	< 0.5	< 0.5
O52A2	6/10/1999		0.532	1.61	2.26	1.24	2.67	< 0.500	< 0.500	< 0.500
O52A2	12/15/1999		13	50	28	38	63	< 1.3	1.6	< 1.3
O52A2	6/8/2000		89	100	26	48	94	< 2.5	6.4	< 2.5
O52A2	12/6/2000		210	130	22	61	110	< 10	< 40	< 10
O52A2	12/6/2000	Dup	9.0	1.3	0.93	1.2	< 0.50	< 0.50	< 2.0	< 0.50
O52A2	12/6/2000	Dup	230	130	< 25	55	110	< 25	< 100	< 25
O52A2	6/22/2001		480	170	25	70	130	< 10	< 40	< 10
O52A2	6/27/2002		520	130	22	57	110	< 5.0	39	< 5.0
O52A2	6/27/2003		730	110	17	52	89	< 5.0	130	< 5.0
O52A2	9/1/2004		660	100	14	53	110	< 5.0	42	< 5.0
O52A2	9/1/2004		870	130	16	14	120	< 5.0	65	< 5.0
O52A2	6/22/2005		520	92	19	76	84	< 10	49	< 10
O52A2	6/27/2006		690	130	21	69	110	< 5.0	53	< 5.0
O52A2	6/13/2007		930	130	19	72	110	< 5.0	100	< 5.0
O52A2	6/11/2008		470	110	17	64	91	< 10	61	< 10
O52A2	12/10/2008		470	140	19	76	110	< 5.0	91	< 5.0
O52A2	6/9/2009		430	100	15	58	84	< 10	55	< 10
O67A2	12/6/1990		0.5	0.3	0.4	0.3		0.2	1	0.5
O67A2	4/8/1991									< 10
O67A2	5/1/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O67A2	8/1/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O67A2	10/4/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O67A2	12/9/1991		< 5	< 5	< 5	< 5		< 5	< 5	< 14
O67A2	3/12/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O67A2	6/4/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O67A2	6/18/1992									< 10
O67A2	9/17/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O67A2	9/17/1992	Dup								< 10
O67A2	12/2/1992		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
O67A2	3/2/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O67A2	6/4/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O67A2	9/8/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O67A2	12/6/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
O67A2	12/6/1993	Dup	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
O67A2	6/11/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O67A2	12/3/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
O67A2	12/3/1994	Dup	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
O67A2	6/6/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O67A2	12/6/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
O67A2	6/6/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O67A2	6/6/1996	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O67A2	12/10/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
O67A2	6/4/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O67A2	12/4/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O67A2	6/4/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O67A2	12/10/1998		11.4	< 0.5	2.16	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O67A2	6/10/1999		55.3	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
O67A2	12/15/1999		< 5	< 5	< 5	< 5	< 5	260	< 5	< 5
O67A2	6/8/2000		3,400	< 50	57	< 50	< 50	< 50	< 200	< 50
O67A2	12/5/2000		890	< 10	11	< 10	< 10	< 10	< 40	< 10
O67A2	6/22/2001		19,000	< 250	< 250	< 250	< 250	< 250	1,000	270
O67A2	6/27/2003		5,300	< 200	< 200	< 200	< 200	1,400	1,800	690
O67A2	6/22/2005		15,000	410	< 100	170	110	1,100	6,800	1,800
O67A2	6/27/2006		85,000	5,200	< 1,000	< 1,000	< 1,000	1,500	8,900	2,500
O67A2	3/6/2007		62,000	4,100	< 500	< 500	< 500	2,100	13,000	3,100
O67A2	6/12/2007		47,000	2,700	< 500	< 500	< 500	1,700	6,900	2,200
O67A2	6/11/2008		16,000	860	< 200	< 200	680	1,200	6,000	2,000
O67A2	12/10/2008		26,000	< 500	< 500	< 500	1,800	1,100	6,400	2,200
O67A2	6/10/2009		28,000	< 500	< 500	< 500	2,200	790	3,400	1,300
O68A1	12/6/1990		17	73	8.6	21		2	71	6.7
O68A1	2/15/1991									10
O68A1	3/1/1991									10
O68A1	4/8/1991									< 10
O68A1	5/1/1991		210	290	19	< 5	100	17	310	
O68A1	7/22/1991		74	150	16		130	7.1	130	< 10
O68A1	7/22/1991	Dup	73	140	17		120	6.3	120	< 10
O68A1	10/4/1991		54	60	11		57	5	42	< 10
O68A1	12/9/1991		33	41	9.5			< 5	38	< 10
O68A1	3/12/1992		44	59	11		54	4.1	46	< 2.5
O68A1	6/4/1992		44	59	8.9		59	4.3	57	
O68A1	6/18/1992									< 10
D68A1	9/18/1992		34	37	7.2	< 0.5	37	4.1	< 0.5	< 10
O68A1	12/2/1992		34	33	7.4		38	< 5	36	
O68A1	3/3/1993		41	76	10		56	4.5	52	
O68A1	6/4/1993		24	23	4.2		21	2	18	
O68A1	9/6/1993		22	20	4.7		18	2	19	
O68A1	12/6/1993		24	19	< 5		19	< 5	20	
O68A1	3/6/1994		26	19	3.4		20	1.8	16	
O68A1	6/11/1994		30	21	3.3		22	1.7	19	
O68A1	6/11/1994	Dup	35	22	3.4		23	1.9	20	
O68A1	9/7/1994		34	17	2.3		17	1.7	19	
O68A1	9/7/1994	Dup	32	15	2.2		18	1.5	18	
O68A1	12/3/1994		34	10	< 5		15	< 5	12	
O68A1	3/6/1995		25	12	1.3		15	1	13	
O66A1	3/6/1995	Dup	26	13	1.3		15	1.1	14	
O68A1	6/6/1995		30	16	1.2		15	1.7	26	
D68A1	9/7/1995		27	14	1.5		14	1.5	18	2.5
O68A1	9/7/1995	Dup	26	14	1.4		13	1.4	17	2.4
O68A1	12/6/1995		26	20	< 5		25	< 5	31	
O68A1	3/7/1996		14	10	1	< 1	10	1.7	15	< 1
O68A1	6/7/1996		8.4	6	< 0.5	2.2	4.7	0.85	11	< 0.5
O68A1	9/12/1996		11	5.8	< 0.6	2.2	4.9	1.2	8.9	1.1
O68A1	9/12/1996	Dup	10	5.5	< 0.5	2	4.6	1.2	7.5	1.2
O68A1	12/12/1996		12	< 5	< 5	< 5	< 5	< 5	9	
O66A1	3/6/1997		6.1	2.2	< 0.5	0.67	2.8	0.96	4.6	< 0.5
O68A1	3/6/1997	Dup	5.6	2.3	< 0.5	0.74	2.8	0.64	4.9	< 0.5
O68A1	6/5/1997		5.5	2.5	< 0.5	0.53	2.9	0.62	1.2	0.94
O68A1	9/10/1997		2.2	1.6	< 0.5	< 0.5	1	< 0.5	4.9	< 0.5
O68A1	12/4/1997		3.2	1.7	< 0.5	0.54	1.4	0.5	6.2	0.5
O68A1	12/11/1998		2.54	2.2	< 0.5	0.578	1.06	0.614	4.47	< 0.5
D68A1	12/15/1999		5.5	1.8	< 0.5	< 0.5	0.92	< 0.5	< 0.5	< 0.5
O68A1	12/5/2000		11	8.6	1.5	2.9	5.3	1.8	9.7	< 0.50
O68A1	6/22/2001		44	85	26	18	39	7.2	45	3.7
O68A1	6/27/2003		3.6	15	< 0.50	1.2	1.5	0.63	4.7	< 0.50

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
O68A1	6/22/2005		24	60	1.2	8.8	4.1	< 0.50	16	< 0.50
O68A1	6/22/2005	Dup	26	52	1.1	3.6	3.7	0.63	15	1.1
O68A1	6/27/2006		2,100	2,300	110	140	240	< 100	1,000	< 100
O68A1	3/6/2007		1,500	610	< 20	29	65	35	790	< 20
O68A1	6/12/2007		1,600	760	25	46	220	32	960	< 20
O68A1	6/11/2008		1,800	1,600	< 20	73	160	23	1,300	< 20
O68A1	12/10/2008		2,400	1,200	26	67	230	36	1,700	< 25
O68A1	6/10/2009		1,800	1,700	36	130	220	52	1,300	< 25
O69A2D	12/6/1990		0.5	0.3	0.4	0.3		0.2	1	0.5
O69A2D	4/12/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O68A2D	7/29/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O69A2D	7/29/1991	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O69A2D	10/3/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O69A2D	12/16/1991		< 5	< 5	< 5	< 5		< 5	< 5	
O69A2D	12/16/1991	Dup	< 5	< 5	< 5	< 5		< 5	< 5	
O69A2D	3/12/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O69A2D	6/5/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O69A2D	9/14/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O69A2D	12/2/1992		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
O69A2D	3/2/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O69A2D	3/2/1993	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O68A2D	6/6/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O69A2D	9/7/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O69A2D	12/6/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
O69A2D	6/9/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O69A2D	12/13/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
O69A2D	12/5/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
O69A2D	12/10/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
O69A2D	12/2/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O69A2D	12/11/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O69A2D	12/11/1998	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O69A2D	12/13/1999		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O69A2D	12/6/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
O69A2D	6/20/2001		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
O69A2D	6/24/2003		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
O69A2D	6/23/2005		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
O69A2D	6/13/2007		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
O69A2D	6/11/2009		< 0.50	< 0.50	< 0.50	< 0.50 .*	< 0.50	< 0.50	< 0.50	< 0.50
O70A1	12/6/1990		2.4	13	15	9.9		0.2	1	0.5
O70A1	4/12/1991		7	16	15		< 0.5	< 0.5	< 0.5	< 0.5
O70A1	4/12/1991	Dup	11	19	17		< 0.5	< 0.5	< 0.5	< 0.5
O70A1	7/31/1991		5	14	14		< 0.5	< 0.5	< 0.5	< 0.5
O70A1	10/3/1991		7.1	17	16		< 0.5	< 0.5	< 0.5	< 0.5
O70A1	12/13/1991		< 5	< 5	12			< 5	< 5	
O70A1	3/11/1992		1.7	4.3	8.8		< 0.5	< 0.5	< 0.5	< 0.5
O70A1	6/5/1992		3.5	11	12		< 0.5	< 0.5	< 0.5	< 0.5
O70A1	9/14/1992		2.1	7.2	11		< 0.5	< 0.5	< 0.5	< 0.5
O70A1	12/2/1992		< 5	< 5	12		< 5	< 5	< 5	
O70A1	3/2/1993		1.7	5.9	10		< 0.5	< 0.5	< 0.5	< 0.5
O70A1	6/8/1993		0.6	2.6	5.6	0.5	< 0.5	< 0.5	< 0.5	< 0.5
O70A1	9/7/1993		3.4	9.3	10		< 0.5	< 0.5	< 0.5	< 0.5
O70A1	12/6/1993		5.9	< 5	8.7	< 5	< 5	< 5	< 5	
O70A1	3/2/1994		2.2	2.8	7.8		< 0.5	< 0.5	< 0.5	< 0.5
O70A1	6/9/1994		1.2	2.4	6.6		< 0.5	< 0.5	< 0.5	< 0.5
O70A1	9/2/1994		1.2	2.3	6.2		< 0.5	< 0.5	< 0.5	< 0.5
O70A1	12/13/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
O70A1	3/3/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O70A1	6/6/1995		< 0.5	< 0.5	1.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O70A1	9/5/1995		0.92	1.1	5.4		< 0.5	< 0.5	< 0.5	< 0.5
O70A1	12/6/1995		< 5	< 5	5.4	< 5	< 5	< 5	< 5	
O70A1	3/5/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O70A1	6/4/1996		0.51	1.2	2.5	0.77	< 0.5	< 0.5	< 0.5	< 0.5
O70A1	9/10/1996		< 0.5	0.52	2.7	0.57	< 0.5	< 0.5	< 0.5	< 0.5
O70A1	12/10/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
O70A1	3/4/1997		< 0.5	< 0.5	0.72	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O70A1	6/3/1997		0.64	1.7	4.7	1.1	< 0.5	< 0.5	< 0.5	< 0.5
O70A1	9/10/1997		< 0.5	0.74	2.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O70A1	9/10/1997	Dup	< 0.5	0.7	1.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O70A1	12/9/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O70A1	12/11/1998		< 0.5	< 0.5	2.56	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O70A1	12/13/1999		1.11	2.16	6.39	1.57	< 0.5	< 0.5	< 0.5	< 0.5
O70A1	12/6/2000		1.2	2.1	5.9	1.2	< 0.50	< 0.50	< 2.0	< 0.50
O70A1	6/20/2001		< 0.50	< 0.50	2.4	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
O70A1	6/24/2003		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
O70A1	6/23/2005		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50
O70A1	6/13/2007		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
O70A1	6/11/2009		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
O81A2	12/7/1990		360	220	210	58		16	160	0.5
O81A2	2/8/1991		120	71	76	48		2.5	47	10
O81A2	5/1/1991		190	92	100		42	10	64	7
O81A2	8/1/1991		220	74	97		52	11	62	< 5
O81A2	10/4/1991		170	62	78	< 2.5	38	10	39	< 10
O81A2	12/9/1991		130	44	69			8.9	34	< 10
O99B	11/29/1990		0.5	0.4	0.4	0.3		0.2	1	0.5
O99B	12/7/1990		4.9	3.1	1.6	0.4		1.3	1	0.5
O99B	2/8/1991		1	0.3	< 0.4	< 0.3		< 0.2	< 1	< 1
O99B	2/8/1991		0.5	0.6	0.4	0.3		0.2	1	1
O99B	4/8/1991									< 10
O99B	5/1/1991		1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O99B	8/1/1991		1	0.5	< 0.5	< 0.5	0.8	< 0.5	< 0.5	< 0.5
O99B	10/4/1991		0.8	< 0.5	< 0.5	< 0.5	0.6	< 0.5	< 0.5	< 0.5
O99B	12/9/1991		< 5	< 5	< 5	< 5		< 5	< 5	< 10
O100B	11/28/1990		0.6	0.4	0.4	0.4		0.2	1	1
O100B	12/19/1990		0.5	0.3	0.4	0.3		0.2	1	1
O100B	2/5/1991		0.8	< 0.3	< 0.4	< 0.3		< 0.3	< 1	< 1
O100B	2/5/1991		0.5	0.3	0.4	0.3		0.2	1	1
O100B	4/12/1991		2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O100B	8/1/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O100B	10/11/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O100B	12/4/1991		< 5	< 5	< 5	< 5		< 5	< 5	
O100B	3/12/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O100B	6/15/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O100B	9/22/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O100B	12/3/1992		< 5	< 5	< 5	< 5		< 5	< 5	
O100B	6/3/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O100B	12/6/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
O100B	6/7/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O100B	12/8/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
O100B	12/5/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
O100B	12/9/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
O100B	12/9/1996	Dup	< 5	< 5	< 5	< 5	< 5	< 5	< 5	

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
O100B	12/2/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O100B	12/11/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O100B	12/9/1999		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5
O100B	12/6/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
O100B	6/20/2001		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
O100B	6/24/2003		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
O100B	6/21/2005		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
O100B	6/21/2007		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
O100B	6/9/2009		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
O104A1	9/4/1992		< 0.5	3.2	5.2		< 0.5	< 0.5	< 0.5	< 0.5
O104A1	12/3/1992		< 5	< 5	< 5	< 5		< 5	< 5	
O104A1	12/3/1992	Dup	< 5	< 5	< 5	< 5		< 5	< 5	
O104A1	6/3/1993		< 0.5	3.9	7.7		< 0.5	< 0.5	< 0.5	< 0.5
O104A1	1/25/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
O104A1	1/25/1994	Dup	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
O104A1	6/3/1994		< 0.5	4.2	3.5		< 0.5	< 0.5	< 0.5	< 0.5
O104A1	12/7/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
O104A1	12/5/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
O104A1	12/5/1995	Dup	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
O104A1	12/11/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
O104A1	12/11/1996	Dup	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
O104A1	12/2/1997		< 0.5	4	2	3.3	< 0.5	< 0.5	< 0.5	< 0.5
O104A1	12/15/1999		< 0.5	5.41	2.13	5.77	< 0.5	< 0.5	< 0.5	< 0.5
O104A1	12/15/1999	Dup	< 0.5	5.02	2.2	5.96	< 0.5	< 0.5	< 0.5	< 0.5
O104A1	6/20/2001		< 0.50	7.1	1.3	5.9	< 0.50	< 0.50	< 2.0	< 0.50
O104A1	6/24/2003		< 0.50	5.0	1.5	4.4	< 0.50	< 0.50	< 0.50	< 0.50
O104A1	6/22/2005		< 0.50	5.6	2.3	9.0	< 0.50	< 0.50	< 0.50	< 0.50
O104A1	6/22/2005	Dup	< 0.50	5.4	2.2	8.5	< 0.50	< 0.50	< 0.50	< 0.50
O104A1	6/21/2007		3.6	1.7	4.6	19	2.9	< 0.50	< 0.50	< 0.50
O104A1	6/10/2009		1.3	2.5	1.4	5.0	< 0.50	< 0.50	< 0.50	< 0.50
O105A2	9/8/1992		< 0.5	23	17		< 0.5	< 0.5	< 0.5	< 0.5
O105A2	12/3/1992		< 5	26	17			< 5	< 5	
O105A2	6/3/1993		< 0.5	33	20		< 0.5	< 0.5	< 0.5	< 0.5
O105A2	12/7/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
O105A2	6/3/1994		< 0.5	26	12		< 0.5	< 0.5	< 0.5	< 0.5
O105A2	12/7/1994		< 5	5.8	< 5		< 5	< 5	< 5	
O105A2	6/7/1995		< 0.5	3.5	2.2		< 0.5	< 0.5	< 0.5	< 0.5
O105A2	6/7/1995	Dup	< 0.5	3.4	2.2		< 0.5	< 0.5	< 0.5	< 0.5
O105A2	12/5/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
O105A2	6/7/1996		< 0.5	2.4	1.5	1.6	< 0.5	< 0.5	< 0.5	< 0.5
O105A2	6/7/1996	Dup	< 0.5	2.6	1.6	1.7	< 0.5	< 0.5	< 0.5	< 0.5
O105A2	12/11/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
O105A2	12/3/1997		< 0.5	0.89	< 0.5	0.7	< 0.5	< 0.5	< 0.5	< 0.5
O105A2	12/11/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O105A2	12/9/1999		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5
O105A2	12/6/2000		0.93	0.71	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
O105A2	6/20/2001		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
O105A2	6/24/2003		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
O105A2	6/22/2005		< 0.50	9.3	3.2	12	< 0.50	< 0.50	< 0.50	< 0.50
O105A2	6/21/2007		< 0.50	7.9	2.2	7.2	< 0.50	< 0.50	< 0.50	< 0.50
O105A2	6/10/2009		< 0.50	5.2	1.6	4.6	< 0.50	< 0.50	< 0.50	< 0.50
O108A1	9/8/1992		110	100	11	< 2.5	54	< 0.5	33	< 0.5
O108A1	12/3/1992		340	290	20			< 5	48	
O108A1	6/7/1993		200	160	16	< 2.5	80	< 0.5	37	< 0.5
O108A1	6/7/1993	Dup	220	170	17	< 2.5	90	< 0.5	41	< 0.5

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
O108A1	12/6/1993		290	150	14		70	< 5	80	
O108A1	6/7/1994		290	160	15		76	< 2.5	70	< 2.5
O108A1	12/8/1994		250	110	13		67	< 8.4	67	
O108A1	6/6/1995		150	120	12		77	< 1	46	< 1
O108A1	12/6/1995		91	74	5.9		48	< 0.5	31	< 0.5
O108A1	6/10/1996		130	100	14	40	58	< 2.5	48	< 2.5
O108A1	2/18/1997		76	64	9.4	23	42	< 5	45	
O108A1	12/8/1997		65	42	6	15	25	< 2.5	27	< 2.5
O108A1	6/3/1998		30	20	4.4	8.1	19	< 1	8.4	< 1
O108A1	12/9/1998		23.3	15.2	2.7	6.56	12.1	< 0.5	11.7	< 0.5
O108A1	6/8/1999		41.8	22.7	3.10	9.04	15.7	< 1.00	16.7	< 1.00
O108A1	6/8/1999	Dup	36.7	20.4	2.85	7.62	13.8	< 1.00	14.4	< 1.00
O108A1	12/9/1999		34.7	13.4	2.48	9.42	15.5	< 0.834	8.91	< 0.834
O108A1	6/6/2000		42	25	2.1	8.5	15	< 0.50	15	< 0.50
O108A1	12/6/2000		31	15	1.5	5.8	10	< 0.50	13	< 0.50
O108A1	6/21/2001		39	17	1.8	6.6	14	< 0.50	25	< 0.50
O106A1	6/27/2003		38	14	2.9	5.0	13	< 0.50	33	< 0.50
O108A1	6/21/2005		15	3.9	2.2	3.4	5.0	< 0.50	6.2	< 0.50
O106A1	7/19/2007		7.5	1.4	0.73	1.3	1.8	< 0.50	4.7	< 0.50
O108A1	6/9/2009		15	1.6	2.1	2.2	3.1	< 0.50	3.5	< 0.50
O109A2	9/11/1992		62	280	39	< 0.5	130	< 0.5	3.8	< 0.5
O109A2	12/3/1992		42	210	32			< 5	< 5	
O109A2	6/3/1993		110	440	30	< 5	160	< 1	17	< 1
O109A2	12/6/1993		75	220	18		99	< 5	20	
O109A2	12/6/1993	Dup	73	210	16		98	< 5	19	
O109A2	6/7/1994		190	460	24		130	< 1	38	< 1
O109A2	12/12/1994		160	180	15		100	< 5	< 5	
O109A2	6/6/1995		250	250	14		100	< 1	26	< 1
O109A2	12/8/1995		300	240	15	< 50	100	< 5	42	
O109A2	12/8/1995	Dup	310	240	16	< 50	100	< 5	46	
O109A2	6/11/1996		360	250	20	68	120	< 5	46	< 5
O109A2	12/13/1996		53	46	11	< 5	140	< 5	< 5	
O109A2	12/13/1996		60	46	11	< 5	130	< 5	< 5	
O109A2	12/9/1997		73	73	11	15	93	< 2.5	31	< 2.5
O109A2	6/3/1998		73	52	6.9	< 5	93	< 5	< 5	< 5
O109A2	12/9/1998		62.9	32.5	7.17	5.59	59.2	< 1	3.75	< 1
O109A2	12/9/1998	Dup	73.1	41.8	7.22	5.55	68.7	< 2.5	3.95	< 2.5
O109A2	6/8/1999		149	123	15.6	24.9	91.5	< 10.0	94.8	< 10.0
O109A2	12/9/1999		63.4	71.5	11.2	15.2	59.3	< 1.67	37.3	< 1.67
O109A2	6/6/2000		60	59	7.3	14	53	< 1.0	50	< 1.0
O109A2	12/6/2000		66	55	9.7	16	52	< 1.0	46	< 1.0
O109A2	6/21/2001		67	35	6.6	14	36	< 1.0	66	< 1.0
O109A2	6/21/2001	Dup	54	32	6.6	8.6	39	< 1.0	26	< 1.0
O109A2	6/27/2003		27	15	7.2	7.9	25	< 1.0	16	< 1.0
O109A2	6/27/2003	Dup	27	14	6.8	7.5	22	< 0.50	9.9	< 0.50
O109A2	6/21/2005		16	29	7.3	9.7	48	< 0.50	14	< 0.50
O109A2	6/20/2007		28	52	10	20	72	< 0.50	44	< 0.50
O109A2	6/9/2009		16	16	6.1	8.3	27	< 0.50	22	< 0.50
O110A1	9/17/1992		190	190	< 1	< 5	78	< 1	24	< 1
O110A1	12/3/1992		140	130	16			< 5	21	
O110A1	3/3/1993		230	180	18	< 5	57	< 1	27	< 1
O110A1	8/7/1993		120	46	6.4	< 2.5	32	< 0.5	8	< 0.5
O110A1	9/7/1993		110	58	8.9	< 2.5	32	< 0.5	20	< 0.5
O110A1	12/7/1993		120	78	15		60	< 5	30	
O110A1	3/10/1994		120	79	11		49	< 1	21	< 1
O110A1	6/7/1994		150	93	16		51	< 0.5	23	< 0.5

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
O110A1	9/2/1994		180	140	16		53	< 0.5	20	< 0.5
O110A1	12/12/1994		120	96	14		51	< 5	26	
O110A1	3/3/1995		26	18	3.3		13	< 0.5	3.1	< 0.5
O110A1	6/9/1995		32	20	4.8		12	< 0.5	3.5	< 0.5
O110A1	9/6/1995		56	34	8		16	< 0.5	11	< 0.5
O110A1	12/8/1995		25	9.2	< 5	< 5	9.2	< 5	< 5	
O110A1	3/6/1996		13	5.3	1.1	1.9	2.7	< 0.5	2	< 0.5
O110A1	6/10/1996		15	5.9	1.3	2.6	2.8	< 0.5	1.3	< 0.5
O110A1	9/11/1996		7.9	2.8	0.56	1.2	1.4	< 0.5	1	< 0.5
O110A1	12/12/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
O110A1	3/5/1997		2.2	0.7	< 0.5	< 0.5	< 0.5	< 0.5	1.6	< 0.5
O110A1	6/5/1997		5.9	1.5	< 0.5	< 0.5	1.1	< 0.5	1.1	< 0.5
O110A1	9/10/1997		17	3.4	1.9	1.8	1.7	< 0.5	2	< 0.5
O110A1	12/8/1997		5.4	1.5	< 0.5	0.67	0.75	< 0.5	7.3	< 0.5
O110A1	6/5/1998		1.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O110A1	12/10/1998		5.17	1.28	< 0.5	0.653	< 0.5	< 0.5	1.65	< 0.5
O110A1	6/8/1999		14.6	1.85	1.03	1.36	0.640	< 0.500	2.30	< 0.500
O110A1	12/9/1999		26.1	1.99	2.54	3.42	1.61	< 1.25	3.4	< 1.25
O110A1	12/9/1999	Dup	44.4	3.39	3.91	6.13	2.46	< 0.834	6.53	< 0.834
O110A1	6/6/2000		49	5.0	3.3	5.5	3.9	< 1.0	3.2	< 1.0
O110A1	12/5/2000		42	4.4	3.3	5.1	3.8	< 0.50	4.0	< 0.50
O110A1	6/22/2001		21	2.1	1.3	1.7	1.8	< 0.50	2.7	< 0.50
O110A1	6/27/2003		8.0	0.76	0.63	1.0	0.75	< 0.50	5.6	< 0.50
O110A1	6/21/2005		66	16	4.8	12	19	< 0.50	17	< 0.50
O110A1	6/12/2007		620	11	6.4	11	26	< 5.0	36	< 5.0
O110A1	6/10/2009		680	5.7	6.4	8.9	17	< 5.0	17	< 5.0
O111A2	9/15/1992		330	570	33	< 5	230	< 1	2.8	< 1
O111A2	12/3/1992		76	91	9.2			< 5	< 5	
O111A2	3/3/1993		110	150	12	< 5	66	< 1	2.4	< 1
O111A2	6/7/1993		110	140	9	< 2.5	85	< 0.5	7.8	< 0.5
O111A2	9/8/1993		380	410	19	< 5	110	< 1	20	< 1
O111A2	12/7/1993		410	340	20		130	< 5	32	
O111A2	3/10/1994		380	280	15		100	< 1	24	< 1
O111A2	3/10/1994	Dup	370	280	14		110	< 1	39	< 1
O111A2	6/7/1994		1,400	770	25		190	< 2.5	110	< 2.5
O111A2	9/2/1994		710	220	12		120	< 2.5	4.9	< 2.5
O111A2	12/12/1994		36	8.6	< 5	< 5	14	< 5	< 5	
O111A2	12/12/1994	Dup	39	9	< 5	< 5	15	< 5	< 5	
O111A2	3/3/1995		420	130	6.7		70	< 2.5	2.8	< 2.5
O111A2	6/9/1995		620	230	11		96	< 2.5	51	< 2.5
O111A2	9/6/1995		1,100	510	22		180	< 12	160	< 12
O111A2	12/11/1995		910	310	17	< 50	110	< 5	15	
O111A2	12/11/1995	Dup	900	300	17		120	< 5	15	
O111A2	3/7/1996		260	100	< 5	17	29	< 5	21	< 5
O111A2	6/7/1996		910	320	22	63	140	< 12	70	< 12
O111A2	9/13/1996		970	320	21	32	150	14	< 12	< 12
O111A2	12/16/1996		690	200	< 50	< 50	120	< 50	< 50	
O111A2	3/7/1997		150	41	6.1	< 5	51	< 5	< 5	< 5
O111A2	6/9/1997		140	30	5.5	5.5	44	< 2.5	2.7	< 2.5
O111A2	9/11/1997		340	110	14	19	93	< 2.5	7.9	< 2.5
O111A2	12/4/1997		290	110	13	20	86	< 5	15	< 5
O111A2	6/3/1998		99	26	< 5	< 5	43	< 5	< 5	< 5
O111A2	12/9/1998		115	24.7	3.95	4.98	40.4	< 2.5	< 2.5	< 2.5
O111A2	6/8/1999		391	117	< 12.5	26.7	65.9	< 12.5	77.3	< 12.5
O111A2	12/9/1999		724	291	< 25	71.8	108	< 25	178	< 25
O111A2	6/6/2000		380	120	10	35	58	< 5.0	140	< 5.0
O111A2	6/6/2000	Dup	400	130	8.9	31	59	< 5.0	140	< 5.0

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
O111A2	12/5/2000		520	160	< 10	33	69	< 10	160	< 10
O111A2	6/22/2001		440	130	7.5	27	62	< 5.0	180	< 5.0
O111A2	6/27/2003		370	83	10	30	45	< 5.0	210	< 5.0
O111A2	6/21/2005		510	190	25	60	140	< 5.0	66	< 5.0
O111A2	6/12/2007		460	240	23	96	190	< 5.0	140	< 5.0
O111A2	6/10/2009		430	180	17	65	120	< 5.0	140	< 5.0
O112A1	9/17/1992		54	25	10		< 0.5	1	2.2	< 0.5
O112A1	12/3/1992		32	13	6.7	< 5		< 5	< 5	< 10
O112A1	3/9/1993		42	16	7.5		< 0.5	1.2	2.3	< 0.5
O112A1	6/7/1993		30	9.9	3.1		< 0.5	0.9	2	< 0.5
O112A1	9/9/1993		25	8.4	5		< 0.5	0.78	2	< 0.5
O112A1	12/8/1993		25	6.1	< 5		< 5	< 5	< 5	
O112A1	3/7/1994		36	9.3	4.2		< 0.5	1.2	4.2	< 0.5
O112A1	6/3/1994		34	10	5.8		< 0.5	1.5	2.7	< 0.5
O112A1	9/2/1994		26	7.7	3.9		< 0.5	1.1	1.9	< 0.5
O112A1	12/12/1994		21	< 5	< 5	< 5	< 5	< 5	< 5	
O112A1	3/3/1995		13	2.8	1		0.66	< 0.5	< 0.5	< 0.5
O112A1	6/7/1995		4.4	0.59	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O112A1	9/5/1995		15	3.5	0.94		< 0.5	1.4	1.2	< 0.5
O112A1	12/6/1995		13	< 5	< 5	< 5	< 5	< 5	< 5	
O112A1	3/5/1996		10	2.1	0.62	0.87	< 0.5	0.69	< 0.5	< 0.5
O112A1	6/5/1996		6.2	1.4	0.6	0.8	< 0.5	0.68	< 0.5	< 0.5
O112A1	9/10/1996		5.9	1.1	0.58	0.75	< 0.5	0.59	< 0.5	< 0.5
O112A1	12/10/1996		13	< 5	< 5	< 5	< 5	< 5	< 5	
O112A1	12/10/1996	Dup	13	< 5	< 5	< 5	< 5	< 5	< 5	
O112A1	3/4/1997		7.5	1.9	0.9	1	< 0.5	0.86	0.84	< 0.5
O112A1	6/4/1997		12	2.9	1	1.4	< 0.5	1.6	1.2	< 0.5
O112A1	6/4/1997	Dup	12	2.9	1	1.3	< 0.5	1.5	1.2	< 0.5
O112A1	9/10/1997		5.9	1.1	0.77	< 0.5	< 0.5	0.62	< 0.5	< 0.5
O112A1	12/5/1997		6.4	1.2	0.9	0.71	< 0.5	0.67	0.68	0.63
O112A1	6/5/1998		4.6	0.55	0.57	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O112A1	12/11/1998		8.33	1.07	0.651	1.03	< 0.5	< 0.5	0.711	< 0.5
O112A1	6/8/1999		8.34	1.34	< 0.500	0.909	< 0.500	0.513	0.532	< 0.500
O112A1	12/15/1999		1.72	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O112A1	6/6/2000		7.7	0.72	< 0.50	0.82	< 0.50	< 0.50	0.64	< 0.50
O112A1	12/5/2000		7.1	0.94	0.76	0.92	< 0.50	< 0.50	1.0	< 0.50
O112A1	12/5/2000	Dup	9.0	1.2	0.82	1.3	< 0.50	< 0.50	< 2.0	< 0.50
O112A1	12/6/2000		9.4	1.3	0.99	1.2	< 0.50	< 0.50	< 2.0	< 0.50
O112A1	6/22/2001		4,000	620	< 250	410	< 250	< 250	1,100	< 250
O112A1	6/27/2003		10	1.3	1.2	1.2	< 0.50	< 0.50	3.3	< 0.50
O112A1	6/21/2005		15	2.9	3.2	4.5	1.3	< 0.50	3.9	< 0.50
O112A1	6/12/2007		29	4.9	3.2	5.4	7.2	< 0.50	5.9	< 0.50
O112A1	6/9/2009		450	6.4	4.3	8.5	17	< 0.50	17	< 0.50
O113A2	9/16/1992		1,300	600	22	< 12	170	< 2.5	120	< 2.5
O113A2	12/4/1992		1,200	380	28	< 50	180	< 5	200	
O113A2	3/9/1993		2,000	760	28	< 50	170	< 12	120	< 12
O113A2	6/3/1993		1,400	590	18	< 25	200	< 5	220	< 5
O113A2	9/9/1993		1,800	550	29	< 25	160	< 5	260	< 5
O113A2	12/8/1993		1,700	390	20		140	< 10	240	
O113A2	12/8/1993	Dup	1,600	390	21		140	< 10	240	
O113A2	3/7/1994		1,700	340	19		140	< 5	24	< 5
O113A2	6/3/1994		2,100	550	21	< 10	180	< 10	320	< 10
O113A2	9/2/1994		1,300	190	11		160	< 5	13	< 5
O113A2	12/12/1994		1,000	96	10		110	< 5	14	
O113A2	3/3/1995		75	8.2	0.54		11	< 0.5	0.97	< 0.5
O113A2	6/9/1995		1,200	200	10	< 0.5	89	< 0.5	27	< 0.5

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
O113A2	9/8/1995		2,400	290	21		130	< 2.5	270	< 2.5
O113A2	12/11/1995		1,900	310	20		150	< 5	42	
O113A2	12/11/1995	Dup	1,900	330	20		150	< 5	44	
O113A2	3/7/1996		96	12	< 2.5	< 2.5	24	< 2.5	< 2.5	< 2.5
O113A2	6/10/1996		1,000	170	< 25	< 25	96	< 25	< 25	< 25
O113A2	9/13/1996		830	130	< 25	26	90	< 25	< 25	< 25
O113A2	12/16/1996		740	89	< 25	< 25	69	< 25	75	
O113A2	3/7/1997		500	43	6.5	2.5	54	< 1	20	< 1
O113A2	6/9/1997		330	46	5.6	7	52	< 5	9.9	< 5
O113A2	9/11/1997		340	40	< 5	6.5	49	< 5	12	< 5
O113A2	12/4/1997		240	29	< 5	6.6	35	< 5	17	< 5
O113A2	6/5/1998		470	60	< 25	< 25	58	< 25	45	< 25
O113A2	12/9/1998		452	90.2	< 25	< 25	59.9	< 25	< 25	< 25
O113A2	6/8/1999		398	58.5	< 25.0	< 25.0	53.6	< 25.0	< 25.0	< 25.0
O113A2	12/15/1999		539	60.1	< 17.9	21.9	64.5	< 17.9	70.4	< 17.9
O113A2	6/6/2000		950	150	< 13	46	110	< 13	110	< 13
O113A2	12/5/2000		750	110	10	34	91	< 10	92	< 10
O113A2	6/22/2001		7.5	0.92	0.67	0.64	< 0.50	< 0.50	< 2.0	< 0.50
O113A2	6/27/2003		640	120	14	50	69	< 10	490	< 10
O113A2	6/21/2005		770	120	13	41	82	< 5.0	100	< 5.0
O113A2	6/12/2007		340	45	8.1	18	45	< 2.0	76	< 2.0
O113A2	6/11/2008		310	45	7.8	18	41	< 2.0	100	< 2.0
O113A2	12/10/2008		440	82	14	35	68	< 5.0	210	< 5.0
O113A2	6/9/2009		450	77	12	36	59	< 2.5	150	< 2.5
O114A2	9/18/1992		1,600	620	60	< 25	260	< 5	40	< 5
O114A2	12/2/1992		2,900	620	79	< 120	310	< 5	120	
O114A2	3/12/1993		1,100	220	26	< 25	80	< 5	20	< 5
O114A2	6/4/1993		1,300	300	29	< 25	140	< 5	37	< 5
O114A2	9/9/1993		4,500	700	74	< 50	< 10	< 10	180	< 10
O114A2	12/13/1993		1,300	210	35		130	< 10	41	
O114A2	3/7/1994		1,400	200	27		120	< 5	38	< 5
O114A2	6/6/1994		770	150	30	< 5	120	< 5	20	< 5
O114A2	9/2/1994		770	54	17	< 5	130	< 5	< 5	< 5
O114A2	12/6/1994		750	58	< 25	< 25	110	< 25	< 25	
O114A2	3/3/1995		540	55	10		80	< 5	< 5	< 5
O114A2	6/7/1995		760	110	18		110	< 5	19	< 5
O114A2	9/8/1995		540	86	17		100	< 10	< 10	< 10
O114A2	12/11/1995		490	50	13		70	< 5	< 5	
O114A2	3/7/1996		560	92	11	14	79	< 10	< 10	< 10
O114A2	6/7/1996		620	110	20	28	96	< 10	< 10	< 10
O114A2	9/13/1996		640	100	22	32	100	< 10	< 10	< 10
O114A2	12/16/1996		450	57	13	20	65	< 10	< 10	
O114A2	3/7/1997		110	11	3.5	< 2.5	28	< 2.5	< 2.5	< 2.5
O114A2	6/9/1997		410	48	10	17	46	< 1.2	18	< 1.2
O114A2	9/12/1997		2,700	570	< 50	130	240	< 50	150	< 50
O114A2	12/8/1997		1,100	150	< 50	< 50	140	< 50	< 50	< 50
O114A2	6/5/1998		72	6.1	< 2.5	< 2.5	14	< 2.5	< 2.5	< 2.5
O114A2	12/11/1998		264	34.4	< 5	10.7	29.7	< 5	8.76	< 5
O114A2	6/8/1999		1,000	110	< 25.0	36.1	74.2	< 25.0	< 25.0	< 25.0
O114A2	12/15/1999		2,950	407	< 62.5	147	131	< 62.5	245	< 62.5
O114A2	6/8/2000		2,700	330	< 25	47	180	< 25	150	< 25
O114A2	12/5/2000		2,800	270	< 50	74	160	< 50	290	< 50
O114A2	6/21/2001		1,500	130	< 25	< 25	82	< 25	100	< 25
O114A2	6/27/2002		920	55	< 25	27	60	< 25	69	< 25
O114A2	6/27/2003		2,300	230	21	88	140	< 20	430	< 20
O114A2	9/2/2004		550	47	< 5.0	19	42	< 5.0	67	< 5.0
O114A2	9/2/2004		470	37	< 5.0	18	28	< 5.0	40	< 5.0

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
O114A2	6/21/2005		840	97	12	48	81	< 10	60	< 10
O114A2	7/2/2006		1,400	150	12	50	90	< 5.0	190	< 5.0
O114A2	6/13/2007		980	120	11	43	71	< 10	210	< 10
O114A2	6/11/2008		720	84	< 10	31	52	< 10	110	< 10
O114A2	12/10/2008		600	81	9.9	33	51	< 5.0	180	< 5.0
O114A2	6/10/2009		460	46	< 10	25	39	< 10	83	< 10
O115A1	9/21/1992		3.9	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O115A1	9/22/1992		3.9	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O115A1	12/4/1992		5.7	< 5	< 5	< 5	< 5	< 5	< 5	
O115A1	3/10/1993		5.7	1.2	0.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O115A1	6/4/1993		3.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O115A1	9/7/1993		5.3	0.81	0.93	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O115A1	12/8/1993		5.1	< 5	< 5	< 5	< 5	< 5	< 5	
O115A1	3/8/1994		8.2	< 0.5	1.2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O115A1	6/3/1994		7.8	< 0.5	1.6		< 0.5	< 0.5	< 0.5	< 0.5
O115A1	9/2/1994		12	0.66	1.8		< 0.5	< 0.5	< 0.5	< 0.5
O115A1	12/6/1994		13	< 5	< 5	< 5	< 5	< 5	< 5	
O115A1	3/3/1995		20	0.6	0.64		< 0.5	< 0.5	< 0.5	< 0.5
O115A1	6/6/1995		15	0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O115A1	9/6/1995		14	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O115A1	12/7/1995		12	< 5	< 5	< 5	< 5	< 5	< 5	
O115A1	3/6/1996		18	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O115A1	3/6/1996	Dup	16	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O115A1	6/7/1996		16	1.2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O115A1	9/11/1996		16	1.1	0.66	0.63	< 0.5	< 0.5	< 0.5	< 0.5
O115A1	12/11/1996		13	< 5	< 5	< 5	< 5	< 5	< 5	
O115A1	3/5/1997		13	0.93	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O115A1	6/4/1997		14	1.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O115A1	9/10/1997		12	0.85	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O115A1	12/5/1997		9.1	0.69	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O115A1	6/3/1998		6.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O115A1	12/9/1998		9.54	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O115A1	6/10/1999		6.47	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500
O115A1	6/10/1999	Dup	6.17	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500
O115A1	12/15/1999		7.14	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5
O115A1	6/6/2000		5.9	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
O115A1	12/6/2000		8.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
O115A1	6/20/2001		6.9	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
O115A1	6/25/2003		8.8	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
O115A1	6/23/2005		3.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50
O115A1	6/23/2005	Dup	3.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50
O115A1	6/23/2005	Dup	3.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50
O115A1	6/13/2007		3.3	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
O115A1	6/9/2009		3.1	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
O116A1	3/22/1993		6,600	26,000	280	< 500	2,000	1,000	8,200	2,100
O116A1	8/16/1993		2,400	11,000	< 100		1,900	340	7,400	1,100
O116A1	9/14/1993		5,200	24,000	500	< 500	2,600	1,100	9,100	1,800
O116A1	11/3/1993		5,200	24,000	500	< 500	2,600	1,100	9,100	1,800
O116A1	12/10/1993		13,000	45,000	400		1,700	1,900	20,000	3,600
O116A1	3/7/1994		24,000	59,000	< 500	< 500	< 500	2,500	31,000	3,600
O116A1	3/7/1994	Dup	24,000	70,000	< 500	< 500	< 500	2,600	30,000	4,200
O116A1	6/7/1994		17,000	79,000	880		4,800	3,300	36,000	3,900
O116A1	6/7/1994	Dup	17,000	81,000	890		4,900	6,200	35,000	3,500
O116A1	9/7/1994		23,000	65,000	< 250	< 1,000	670	3,500	47,000	6,800
O116A1	12/9/1994		4,900	18,000	< 120	< 120	530	1,500	16,000	4,900
O116A1	3/6/1995		8,800	18,000	< 250	< 250	540	1,600	13,000	7,000

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE DFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
O116A1	3/6/1995	Dup	7,300	21,000	< 250	< 250	590	1,700	15,000	6,600
O116A1	6/9/1995		82,000	210,000	< 250		660	3,500	38,000	6,300
O116A1	9/8/1995									2,600
O116A1	9/8/1995	Dup	23,000	71,000	810		3,100	2,300	13,000	2,400
O116A1	12/11/1995		32,000	59,000	< 500		970	1,700	9,100	4,200
O116A1	3/7/1996		25,000	43,000	< 500	1,400	550	2,200	12,000	4,200
O116A1	3/7/1996	Dup	26,000	43,000	< 500	1,400	550	2,400	13,000	4,400
O116A1	6/11/1996		19,000	52,000	610	2,000	1,400	1,600	10,000	2,600
O116A1	9/13/1996		21,000	68,000	830	3,000	2,400	1,700	11,000	3,100
O116A1	12/16/1996		13,000	60,000	< 2,500	< 2,500	< 2,500	< 2,500	10,000	NA
O116A1	3/7/1997		2,500	4,600	150	180	460	130	620	600
O116A1	3/7/1997	Dup	2,200	4,100	170	210	500	150	930	720
O116A1	6/9/1997		3,900	10,000	770	1,000	1,700	450	3,300	1,200
O116A1	6/9/1997	Dup	4,100	7,700	520	750	1,200	510	3,000	1,000
O116A1	9/12/1997		3,200	5,900	590	640	1,600	310	1,700	1,000
O116A1	12/6/1997		770	1,200	72	79	270	66	350	240
O116A1	12/6/1997	Dup	850	1,200	74	65	270	60	390	240
O116A1	6/5/1998		760	730	41	100	230	39	540	130
O116A1	6/5/1998	Dup	730	710	36	92	220	34	560	110
O116A1	12/11/1998		1,960	615	< 25	72	144	74	371	35.4
O116A1	6/9/1999		3,660	1,890	< 125	164	257	145	674	295
O116A1	6/9/1999	Dup	5,030	1,970	< 250	< 250	266	< 250	954	265
O116A1	12/9/1999		2,240	631	73.5	158	410	72.7	648	89.4
O116A1	6/8/2000		1,600	350	< 100	< 100	< 100	< 100	310	< 100
O116A1	12/5/2000		1,300	680	67	130	380	51	790	81
O116A1	6/22/2001		4,800	1,000	< 250	< 250	< 250	< 250	< 1,000	330
O116A1	6/27/2003		1,100	510	27	44	200	69	490	89
O116A1	6/20/2005		440	220	6.2	11	250	23	260	60
O116A1	6/28/2006		87	27	2.8	6.1	64	12	61	30
O116A1	6/12/2007		290	160	12	23	350	37	330	28
O116A1	6/11/2008		32	12	< 2.0	4.3	23	9.5	31	27
O116A1	6/9/2009		19	6.0	1.7	3.1	3.6	2.3	6.6	8.8
O117A2	3/22/1993		12,000	30,000	< 100	< 500	< 100	1,300	4,900	230
O117A2	3/22/1993	Dup	12,000	31,000	< 100	< 500	< 100	1,100	4,400	6,400
O117A2	8/16/1993		180	330	15		< 5	19	85	53
O117A2	8/16/1993	Dup	160	300	10		< 5	17	110	52
O117A2	9/14/1993		90	170	17	< 2.5	0.72	20	59	62
O117A2	12/7/1993		200	250	24		< 5	26	130	130
O117A2	12/7/1993	Dup	200	250	26		< 5	27	120	120
O117A2	3/7/1994		340	500	23		< 2.5	44	200	79
O117A2	6/7/1994		30	74	22		< 0.5	7.7	15	< 10
O117A2	9/7/1994		37	62	23		0.51	4.7	15	11
O117A2	12/8/1994		19	28	14		< 5	< 5	< 5	< 10
O117A2	12/8/1994	Dup	21	27	14		< 5	< 5	< 5	< 10
O117A2	3/6/1995		87	110	19		0.51	10	74	< 0.5
O117A2	6/9/1995		110	140	19		0.7	13	110	< 0.5
O117A2	9/8/1995		130	150	25		< 2.5	21	120	< 2.5
O117A2	12/11/1995		100	110	17		< 5	16	95	< 10
O117A2	4/4/1996		120	110	27	27	< 2.5	20	77	< 2.5
O117A2	6/11/1996		90	81	19	19	< 2.5	14	39	< 2.5
O117A2	9/12/1996		80	70	19	20	1.2	14	28	< 1.2
O117A2	12/13/1996		7.5	7.4	8.8	6.2	< 5	< 5	< 5	< 10
O117A2	3/7/1997		26	17	11	6.1	1.2	5.5	7.6	< 0.5
O117A2	6/9/1997		32	26	20	9.8	1.7	6.6	15	< 0.5
O117A2	9/11/1997		38	34	20	12	1.8	8.3	16	< 0.5
O117A2	12/6/1997		12	7.4	11	3.9	1.5	0.59	< 0.5	3.3
O117A2	6/3/1998		3	3.6	9.5	3.4	0.56	< 0.5	< 0.5	1.2

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
O117A2	6/3/1998	Dup	2.9	3.8	9	3.3	0.57	< 0.5	< 0.5	1.1
O117A2	12/9/1998		12.5	18.1	15.5	8.8	0.908	1.56	1.81	< 0.5
O117A2	6/9/1999		13.3	23.0	13.5	9.76	0.825	1.57	2.90	< 0.500
O117A2	12/15/1999		28.3	42.1	48.1	34.3	1.97	1.56	15.8	< 1.25
O117A2	6/8/2000		27	39	39	29	1.4	1.8	22	< 0.50
O117A2	12/5/2000		21	25	23	17	1.1	1.1	12	0.55
O117A2	6/22/2001		71	37	26	18	< 2.5	< 2.5	16	< 2.5
O117A2	6/27/2003		49	55	27	26	1.7	1.5	19	< 0.50
O117A2	6/20/2005		37	13	6.4	18	0.55	0.78	12	1.4
O117A2	6/28/2006		49	11	5.1	13	< 0.50	1.2	13	2.4
O117A2	6/12/2007		50	11	5.5	15	< 0.50	1.7	18	2.8
O117A2	6/12/2008		25	11	8.9	18	1.7	< 0.50	10	< 0.50
O117A2	8/9/2009		19	8.6	8.0	16	1.4	< 0.50	5.9	< 0.50
O118B	3/23/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O118B	8/16/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O118B	9/14/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O118B	11/3/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O118B	12/7/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 0.5
O118B	3/7/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O118B	6/9/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O118B	9/8/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O118B	12/8/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 0.5
O118B	3/3/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O118B	6/5/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O118B	9/5/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O118B	12/5/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 0.5
O118B	3/7/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O118B	6/10/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O118B	9/10/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O118B	12/10/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 10
O118B	12/10/1996	Dup	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 10
O118B	3/4/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O118B	6/5/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O118B	9/9/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O118B	12/8/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O118B	6/3/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O118B	12/9/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O118B	6/9/1999		< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500
O118B	1/28/2000		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O118B	6/8/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
O118B	12/5/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
O118B	6/22/2001		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
O118B	6/26/2002		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
O118B	6/27/2003		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
O118B	6/23/2004		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
O118B	6/20/2005		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
O118B	6/12/2007		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
O118B	6/11/2008		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
O118B	6/9/2009		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
O116B	6/9/2009	Dup	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
O119A1	3/23/1993		34	28	8.4		28	7.7	51	42
O119A1	6/4/1993		35	22	6.3		39	5		
O119A1	9/9/1993		39	18	5.9		16	10	34	47
O119A1	12/7/1993		30	12	6.5		20	7.2	46	48
O119A1	3/8/1994		37	15	5.4		20	8.5	47	12
O119A1	6/7/1994		7.7	2.3	0.77		3.6	1	3.9	< 10

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
O119A1	9/7/1994		44	12	3.5		13	7	29	30
O119A1	9/7/1994	Dup	46	13	3.6		14	6.6	30	32
O119A1	12/8/1994		56	7.8	< 5		10	6.5	25	
O119A1	3/7/1995		36	7.4	3		14	4.1	26	< 0.5
O119A1	6/5/1995		16	3	2.3		17	1.1	2.9	
O119A1	9/6/1995		21	9.6	4.8		26	1.7	25	2.2
O119A1	9/6/1995	Dup	18	8.2	4.1		22	1.4	21	2.1
O119A1	12/5/1995		50	11	5.4		22	< 5	48	
O119A1	3/6/1996		33	16	7.5	15	36	2.6	71	1.2
O119A1	6/11/1996		23	8.7	5.9	5.9	30	1.4	11	1.9
O119A1	9/11/1996		34	20	11	17	44	3	59	< 0.5
O119A1	12/11/1996		31	20	9.8	12	53	< 5	170	NA
O119A1	3/5/1997		32	21	9.4	16	46	1.9	130	< 1.2
O119A1	6/5/1997		30	19	12	11	50	< 2.5	69	< 2.5
O119A1	9/11/1997		15	6.4	4.5	6.1	16	1.4	12	14
O119A1	12/5/1997		10	4	3.4	6	14	0.9	1.5	14
O119A1	6/4/1998		71	250	31	31	130	< 12	140	< 12
O119A1	6/4/1998	Dup	80	220	40	45	120	< 12	80	< 12
O119A1	12/10/1998		498	955	84.5	54.5	158	< 25	278	< 25
O119A1	6/9/1999		5,190	12,100	279	357	683	< 250	2,210	< 250
O119A1	12/14/1999		999	1,040	105	59.2	138	10.3	562	< 6.25
O119A1	6/6/2000		21,000	25,000	460	760	1,500	130	6,900	< 100
O119A1	12/5/2000		6,000	10,000	550	580	690	< 100	3,300	< 100
O119A1	6/22/2001		6,800	12,000	< 500	< 500	< 500	< 500	4,000	< 500
O119A1	6/27/2002		1,700	2,000	200	89	230	87	990	< 20
O119A1	6/27/2003		460	320	74	41	91	41	930	11
O119A1	9/2/2004		33,000	33,000	280	2,600	2,700	770	15,000	1,100
O119A1	9/2/2004		30,000	29,000	250	2,200	2,700	690	12,000	1,000
O119A1	6/22/2005		16,000	22,000	650	2,500	2,500	640	15,000	760
O119A1	6/27/2006		16,000	13,000	250	< 200	2,200	800	10,000	1,400
O119A1	3/6/2007		400	1,800	64	67	3,000	260	2,700	1,000
O119A1	6/12/2007		9,900	13,000	320	330	2,500	360	6,900	1,200
O119A1	6/11/2008		27,000	30,000	570	660	2,000	560	19,000	2,000
O119A1	12/10/2008		27,000	27,000	< 500	670	3,000	1,100	24,000	2,400
O119A1	6/10/2009		28,000	24,000	330	1,500	3,200	960	15,000	2,400
O120A2	3/23/1993		6,200	1,800	< 25	< 120	45	70	360	35
O120A2	6/4/1993		1,500	300	14	< 12	65	13	100	18
O120A2	9/9/1993		5,500	710	32	< 50	35	58	280	< 10
O120A2	12/7/1993		9,000	690	75	< 50	< 50	< 50	340	
O120A2	3/8/1994		3,200	430	< 12		30	38	210	< 12
O120A2	6/7/1994		720	600	19		150	10	140	< 2.5
O120A2	9/7/1994		680	460	19		150	5.3	130	< 2.5
O120A2	12/8/1994		630	400	19		130	< 17	160	< 10
O120A2	3/7/1995		390	310	14		120	6.4	77	< 2.5
O120A2	6/9/1995		460	240	12		94	3.8	46	< 2.5
O120A2	6/9/1995	Dup	430	250	12		100	3.2	45	< 2.5
O120A2	9/8/1995		260	44	< 12	< 12	< 12	< 12	< 12	14
O120A2	11/17/1995		480	64	4.2		14	7.6	4.3	2.7
O120A2	12/11/1995		680	140	6.3		24	10	54	< 10
O120A2	3/7/1996		120	20	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	10
O120A2	6/11/1996		710	140	< 10	< 10	< 10	15	39	< 10
O120A2	6/11/1996	Dup	710	150	< 10	< 10	< 10	12	38	< 10
O120A2	9/13/1996		1,300	340	15	19	22	35	27	39
O120A2	12/16/1996		2,000	610	< 50	< 50	< 50	< 50	100	30
O120A2	3/5/1997		2,100	550	< 50	< 50	< 50	< 50	100	< 50
O120A2	6/9/1997		1,800	530	< 50	< 50	< 50	< 50	79	< 50
O120A2	9/12/1997		2,500	760	< 50	< 50	< 50	< 50	160	< 50

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
O120A2	12/8/1997		5,400	1,900	< 120	< 120	< 120	150	1,200	230
O120A2	6/5/1998		1,800	450	< 100	< 100	< 100	< 100	170	< 100
O120A2	12/11/1998		2,270	676	< 50	< 50	< 50	53.3	142	< 50
O120A2	6/9/1999		1,660	441	< 50.0	< 50.0	< 50.0	< 50.0	145	< 50.0
O120A2	12/14/1999		3,280	559	< 125	< 125	< 125	< 125	305	21.2
O120A2	6/8/2000		2,700	720	< 25	< 25	< 25	56	100	< 25
O120A2	6/8/2000	Dup	2,400	520	< 25	< 25	< 25	58	150	< 25
O120A2	12/5/2000		2,800	630	< 50	< 50	< 50	< 50	< 200	< 50
O120A2	6/22/2001		9,300	2,100	< 250	< 250	< 250	< 250	1,500	1,400
O120A2	6/27/2003		2,900	740	39	41	< 25	52	340	< 25
O120A2	6/22/2005		2,100	560	< 50	170	< 50	< 50	440	< 50
O120A2	6/27/2006		1,000	230	14	25	11	43	240	27
O120A2	3/6/2007		650	160	13	25	10	38	200	87
O120A2	6/12/2007		1,400	300	24	31	22	56	340	100
O120A2	6/11/2008		1,000	240	14	20	< 10	49	180	100
O120A2	12/10/2008		790	210	12	22	< 10	28	160	67
O120A2	6/10/2009		670	140	10	22	< 10	16	75	51
O121A2	9/21/1992		2.3	61	23	< 1	0.8	< 0.5	0.6	< 0.5
O121A2	12/3/1992		< 5	45	18			< 5	< 5	
O121A2	6/3/1993		1.6	27	13		< 0.5	< 0.5	< 0.5	< 0.5
O121A2	12/7/1993		< 5	47	23		< 5	< 5	< 5	
O121A2	6/7/1994		6.3	56	26	< 0.5	1.1	< 0.5	1.5	< 0.5
O121A2	12/12/1994		8.1	46	19		< 5	< 5	< 5	
O121A2	6/9/1995		9.2	48	21	< 0.5	0.85	< 0.5	1.9	< 0.5
O121A2	12/6/1995		12	46	22		< 5	< 5	< 5	
O121A2	6/6/1996		12	33	16	39	0.94	< 0.5	2.4	< 0.5
O121A2	12/12/1996		< 5	6.9	6	< 5	< 5	< 5	< 5	
O121A2	12/3/1997		4	7.2	3.4	5.7	< 0.5	< 0.5	< 0.5	< 0.5
O121A2	12/9/1999		14.1	47	14.8	35.7	0.885	< 0.625	2.28	< 0.625
O121A2	12/9/1999	Dup	13.8	43.1	13.1	32.5	< 1	< 1	< 2	< 1
O121A2	6/21/2001		7.7	21	5.3	14	< 0.50	< 0.50	< 2.0	< 0.50
O121A2	6/26/2003		6.0	12	3.1	7.6	< 0.50	< 0.50	< 0.50	< 0.50
O121A2	6/22/2005		14	28	7.5	32	0.62	< 0.50	3.3	< 0.50
O121A2	6/13/2007		9.7	16	3.5	13	< 0.50	< 0.50	2.1	< 0.50
O121A2	6/10/2009		22	19	6.1	17 *	< 0.50	< 0.50	2.8	< 0.50
O122A2	9/21/1992		15	13	5.9		< 0.5	1.8	0.7	< 0.5
O122A2	12/3/1992		9.9	8	< 5			< 5	< 5	
O122A2	6/7/1993		16	12	5.3		< 0.5	2.6	1.3	< 0.5
O122A2	6/7/1993	Dup	17	12	5.2		< 0.5	2.6	1.3	< 0.5
O122A2	12/13/1993		14	8.6	5.5		< 5	< 5	< 5	
O122A2	6/3/1994		19	14	8		< 0.5	5.5	2.2	< 0.5
O122A2	12/7/1994		20	9.1	6.4		< 5	5.4	< 5	
O122A2	6/7/1995		22	10	5.4		< 0.5	6.2	1.8	< 0.5
O122A2	12/7/1995		17	7.7	< 5		< 5	6.6	< 5	
O122A2	6/6/1996		15	9	4.3	8.1	< 0.5	5.9	1.4	< 0.5
O122A2	12/12/1996		12	6.5	< 5	< 5	< 5	< 5	< 5	
O122A2	12/2/1997		11	16	9.4	8.5	< 0.5	4.6	1.6	< 0.5
O122A2	12/9/1999		7.71	15.6	4.51	8.41	< 0.5	2.49	< 1	< 0.5
O122A2	6/21/2001		17	19	5.5	9.5	< 0.50	4.2	< 2.0	< 0.50
O122A2	6/26/2003		3.2	0.90	< 0.50	0.76	< 0.50	0.60	< 0.50	< 0.50
O122A2	6/22/2005		40	11	2.7	8.7	< 0.50	4.6	2.5	< 0.50
O122A2	6/13/2007		27	4.7	1.7	3.6	< 0.50	7.3	1.3	< 0.50
O122A2	6/10/2009		20	4.6	1.0	2.2 *	< 0.50	7.1	0.69	< 0.50
O152B	6/9/2009		< 0.50	< 0.50	< 0.50	< 0.50 *	< 0.50	< 0.50	< 0.50	< 0.50

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
OB4-1	12/28/1992		430	1,300	76	< 50	940	< 10	890	< 10
OB4-2	12/28/1992		150	4,400	400	< 120	3,400	< 25	1,100	< 25
OB4-2	12/28/1992	Dup	150	5,300	400	< 120	4,200	< 25	1,100	< 25
OB5-1	3/23/1993		1,100	71	< 5	< 25	110	10	120	< 5
OB5-2	6/27/2007		19	3.9	4.8	14	6.5	1.8	4.8	3.0
OB5-2	6/11/2008		19	4.5	4.3	23	7.2	2.2	4.8	3.0
OB5-2	6/9/2009		15	3.7	4.6	25 *	6.2	1.4	2.9	2.8
OB5-3	3/23/1993		61	180	130	< 25	1,200	< 5	21	< 5
OB5-3	6/27/2007		11	1.7	3.1	6.1	69	< 0.50	< 0.50	< 0.50
OB5-3	6/11/2008		2.6	2.2	2.1	4.1	14	< 0.50	< 0.50	< 0.50
OB5-3	6/9/2009		0.99	< 0.50	1.0	1.2 *	9.3	< 0.50	< 0.50	< 0.50
OB5-4	3/23/1993		3.6	24	14		0.5	< 0.5	< 0.5	
OB5-4	6/27/2007		6.7	2.5	2.7	6.2	< 0.50	< 0.50	< 0.50	< 0.50
OB5-4	6/11/2008		23	9.5	4.8	15	< 0.50	< 0.50	2.1	< 0.50
OB5-4	6/9/2009		10	4.5	4.4	10 *	< 0.50	< 0.50	< 0.50	< 0.50
OB5-5	6/27/2007		980	68	20	38	45	< 5.0	130	< 5.0
OB5-5	6/11/2008		1,300	88	31	46	59	< 10	210	< 10
OB5-5	8/10/2009		1,000	78	30	37 *	45	< 10	170	< 10
OB6-1	12/28/1992		17,000	< 50	< 50	< 250	240	< 50	< 50	< 50
OB6-2	2/3/1993		15,000	< 50	< 50	< 50	70	< 50	< 50	< 50
OB7-1	12/28/1992		1,000	240	18	< 10	170	8	170	< 2.5
OB7-2	12/28/1992		1,200	440	17	< 25	190	< 5	380	< 5
OB7-3	1/8/1991		240	120	15	10		2	110	0.5
OB7-3	2/5/1991		230	96	13	20		0.2	100	0.5
OB8-1	12/28/1992		650	78	18	< 12	34	< 2.5	18	< 2.5
OB8-2	12/28/1992		2,100	1,000	78	< 25	620	< 5	440	< 5
OB9-2	12/29/1992		170	1,600	150		1,600	< 5	76	< 5
OB10-1	12/28/1992		1,600	910	74	< 50	700	< 10	140	< 10
OB10-2	12/28/1992		2,000	790	56	< 25	530	< 5	380	< 5
OB11-1	12/29/1992		220	18	5.4	< 2.5	3.3	150	< 0.5	< 0.5
OB11-1	9/27/1993		140	16	4.9	< 2.5	3.5	60	< 0.5	< 0.5
OB11-1	12/9/1997		55	6.9	1.5	4.3	7.2	6.3	< 1	< 1
OB11-1	6/2/1998		130	9.8	< 5	5.5	< 5	< 5	< 5	< 5
OB11-1	12/8/1998		105	7.1	< 5	< 5	< 5	< 5	< 5	< 5
OB11-1	6/8/1999		147	11.6	< 5.00	5.96	< 5.00	< 5.00	< 5.00	< 5.00
OB11-1	12/14/1999		32	6.18	1.54	2.47	10.8	3.8	< 0.835	< 0.835
OB11-1	6/8/2000		1.4	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
OB11-2	12/29/1992					< 12,000		530,000		
OB11-2	12/29/1992		< 500	22,000	< 500	< 2,500	< 500	56,000	< 500	< 500
OB11-2	12/29/1992	Dup	< 2,500	170,000	< 2,500		< 2,500		< 2,500	< 2,500

TABLE 4-1
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640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
OB11-2	2/2/1993		200	12,000	< 50	< 1,000	< 50	36,000	< 50	
OB11-2	2/2/1993		190	13,000				39,000		
OB11-2	2/2/1993		< 500	22,000	< 500	< 2,500	< 500	56,000	< 500	< 500
OB11-2	2/2/1993	Dup			14	5.9	0.7		< 5	
OB11-2	12/4/1997		350	1,400	< 250	< 250	< 250	11,000	< 250	< 250
OB11-2	12/9/1998		275	1,670	< 250	< 250	< 250	7,000	< 250	< 250
OB11-2	10/22/2007		< 1,000	8,100	< 1,000	< 1,000	< 1,000	120,000	< 1,000	< 1,000
OB11-2	5/1/2008		< 50	7,500	< 50	84	< 50	< 50	< 50	< 50
OB11-2	11/5/2008		< 20	640	< 20	< 20	< 20	1,400	< 20	< 20
OB11-2	4/30/2009		7.6	87	< 1.0	< 1.0	< 1.0	46	< 1.0	< 1.0
OB11-2	10/22/2009		41	57	<1.0	4.5	< 1.0	190	< 1.0	< 1.0
OB11-3	12/29/1992		300	120	< 100	< 100	< 100	13,000	< 100	< 100
OB11-3	9/28/1993		170	47	< 12	< 50	22	4,600	< 12	< 12
OB11-3	12/4/1997		51	4.3	1.4		2.3	66	< 1	< 1
OB11-3	12/8/1998		126	< 25	< 25		< 25	648	< 25	< 25
OB11-4	12/29/1992		380	47	4.2	< 5	6	140	3	< 1
OB11-4	9/28/1993		300	78	5.1	< 5	6.8	280	< 1	< 1
OB11-4	12/3/1997		3.1	0.81	< 0.5	< 0.5	0.72	0.86	< 0.5	< 0.5
OB11-4	12/9/1998		5.56	< 0.5	< 0.5	< 0.5	0.634	3.02	< 0.5	< 0.5
OB11-4	12/9/1998	Dup	5.81	< 0.5	< 0.5	< 0.5	0.63	2.98	< 0.5	< 0.5
OB11-5	2/1/1993		320	49	< 5	< 25	5	1,300	< 5	< 5
OB11-5	9/28/1993		200	34	5.1	< 25	6.6	1,100	< 5	< 5
OB11-5	12/9/1997		74	15	4.8		73	53	< 2.5	< 2.5
OB11-5	12/8/1998		179	27.7	5.14		196	66.5	< 5	< 5
OB11-6	2/3/1993		3.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
OB11-6	9/27/1993		1.2	< 0.5	< 0.5	< 0.5	< 0.5	2.4	< 0.5	< 0.5
OB11-6	9/27/1993	Dup	1	< 0.5	< 0.5	< 0.5	< 0.5	2.1	< 0.5	< 0.5
OB11-6	3/3/1994		1.1	< 0.5	< 0.5	< 0.5	< 0.5	6.6	< 0.5	< 0.5
OB11-6	6/8/1994		1.4	< 0.5	< 0.5	< 0.5	< 0.5	6.9	< 0.5	< 0.5
OB11-6	9/8/1994		1.6	< 0.5	< 0.5	< 0.5	< 0.5	7.9	< 0.5	< 0.5
OB11-6	12/6/1994		< 5	< 5	< 5	< 5	< 5	6.2	< 5	
OB11-6	12/6/1994	Dup	< 5	< 5	< 5	< 5	< 5	6.5	< 5	
OB11-6	3/7/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.73	< 0.5	< 0.5
OB11-8	6/5/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.95	< 0.5	< 0.5
OB11-6	9/5/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	3.9	< 0.5	< 0.5
OB11-6	12/5/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
OB11-6	3/5/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
OB11-6	3/5/1996	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
OB11-6	6/5/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.2	< 0.5	< 0.5
OB11-6	9/11/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
OB11-6	12/10/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
OB11-6	3/4/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.53	< 0.5	< 0.5
OB11-6	6/3/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.3	< 0.5	< 0.5
OB11-6	6/3/1997	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.96	< 0.5	< 0.5
OB11-6	9/9/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.61	< 0.5	< 0.5
OB11-6	12/5/1997		0.87	< 0.5	< 0.5	< 0.5	< 0.5	0.58	< 0.5	< 0.5
OB11-6	6/2/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
OB11-6	12/11/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
OB11-6	6/8/1999		< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500
OB11-6	12/10/1999		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5
OB11-6	6/8/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
OB12-1	4/30/1996		5.9	2	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5
OB12-1	9/12/1996		9	2.3	0.7		< 0.5	< 0.5	< 0.5	< 0.5

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
OB12-1	6/4/1997		8.2	2.1	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5
OB12-2	4/30/1996		2.8	1.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
OB12-2	9/12/1996		4.4	1.6	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5
OB12-2	6/4/1997		7.4	< 0.5	0.58	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
OB13-1	9/12/1996		230	45	2.6		< 2.5	< 2.5	< 2.5	< 2.5
OB13-1	6/5/1997		64	17	1.7		1	< 0.5	< 0.5	< 0.5
OB14-1	9/12/1996		62	11	8.2		3.8	< 0.5	< 0.5	< 0.5
OB14-1	6/6/1997		9	1.2	0.84		1	< 0.5	< 0.5	< 0.5
OB15-1	10/16/1995		26	3.8	< 2.5	2.9	49	140	< 2.5	< 2.5
OB15-1	12/6/1995		23	< 5	< 5	< 5	49	150	< 5	
OB15-1	6/6/1997		11	12	1		6.3	300	< 0.5	< 0.5
OB16-1	10/16/1995		130	3.8	2.6	< 2.5	7.4	< 2.5	< 2.5	< 2.5
OB16-1	12/6/1995		100	< 5	< 5	< 5	5.4	< 5	< 5	
OB16-1	6/6/1997		9.6	< 0.5	0.57	< 0.5	1.7	< 0.5	< 0.5	< 0.5
OEU manhole	11/21/1990		0.8	1.1	0.4	0.3		0.2	1	0.5
OEU manhole	11/13/1991		720	78	13	< 10	91	230	< 2.5	< 2.5
OEU manhole	1/29/1992		640	70	12	< 25		190	< 5	
OEU manhole	10/14/1992		170	19	3.2	< 5	24	43	< 1	< 1
OEU manhole	12/28/1992		73	6.4	< 5	< 5	12	23	< 5	
OEU manhole	1/25/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
OEU manhole	9/8/1994		530	31	< 25	< 25	33	160		
OEU manhole	9/14/1995		180	38	6.8			55		
OEU manhole	9/12/1996		400	30	5.7	12		220	< 5	
OEU manhole	9/12/1997		190	20	< 5	33	33	110	< 5	
OEU manhole	6/3/1998		180	< 25	< 25	< 25	26	96	< 25	
OEU manhole	6/9/1999		181	10.7	< 5.00	< 5.00	22.0	102	< 5.00	< 5.00
OEU manhole	6/20/2000		120	8.8	2.3	3.4	17	92	1.9	< 0.50
OEU manhole	9/24/2001		170	9.7	< 5.0	< 5.0	21	130	< 20	< 5.0
OEU manhole	6/30/2003		88	4.2	1.1	1.8	8.2	34	1.7	< 0.50
OEU manhole	9/13/2005		89	4.6	1.2	2.4	12	52	1.0	< 0.50
OEU manhole	9/13/2007		79	3.3	1.0	1.6	9.1	36	0.97	< 0.50
OEU manhole	6/15/2009		69	3.0	1.2	1.7	8.0	23	0.65	< 0.50
OEU manhole	6/15/2009	Dup	68	3.2	1.2	1.6	7.6	17	0.65	< 0.50
P1-1	6/10/1994		870	14	< 5	< 5	< 5	< 5	< 5	< 5
P1-1	9/6/1994		880	18	2.3		16	< 0.5	2.3	< 0.5
P1-1	12/5/1994		920	13	< 5	< 5	13	< 5	< 5	
P1-1	3/2/1995		720	14	< 5	< 5	7.2	< 5	< 5	< 5
P1-3	6/11/2009		5,100	13	0.51	1.1	1.9	6.7	< 0.50	< 0.50
P1-7	6/11/2009		13,000	4.4	11	8.7	49	0.67	0.85	< 0.50
P1-A1	1/27/2007		5.4	< 0.5	1.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
P1-A1	6/28/2007		5.3	< 0.50	1.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
P1-A1	6/10/2008		5.4	< 0.50	1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
P1-A1	12/11/2008		3.7	< 0.50	1.1	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
P1-A1	6/9/2009		4.0	0.54	1.1	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
P1-A2	1/27/2007		17	95	17	59	86	< 0.5	8.6	< 0.5
P1-A2	6/28/2007		19	110	17	62	90	< 1.0	12	< 1.0
P1-A2	6/10/2008		39	110	18	59	94	< 1.0	15	< 1.0

TABLE 4-1
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640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
P1-A2	6/10/2008	Dup	37	99	17	53	84	< 1.0	13	< 1.0
P1-A2	12/11/2008		47	130	19	62	92	< 1.0	20	< 1.0
P1-A2	6/9/2009		23	46	6.3	19	31	< 0.50	3.5	< 0.50
P2-A2	1/27/2007		8	65	14	38	56	< 0.5	4.4	< 0.5
P2-A2	6/28/2007		6.3	83	14	42	66	< 0.50	5.6	< 0.50
P2-A2	6/27/2008		110	110	15	48	76	< 2.0	47	< 2.0
P2-A2	12/11/2008		20	85	15	47	70	< 0.50	15	< 0.50
P2-A2	12/11/2008	Dup	20	81	14	40	62	< 1.0	13	< 1.0
P2-A2	6/9/2009		9.1	46	9.8	17	29	< 0.50	1.1	< 0.50
P3-A2	2/24/2007		99	130	18	55	91	< 1	30	< 1
P3-A2	6/28/2007		110	120	14	50	86	< 1.0	36	< 1.0
P3-A2	6/28/2007	Dup	110	130	13	47	78	< 1.0	35	< 1.0
P3-A2	6/27/2008		220	92	12	35	66	< 2.0	94	< 2.0
P3-A2	12/11/2008		130	110	16	50	82	< 1.0	54	< 1.0
P3-A2	6/9/2009		100	87	14	37 *	57	< 1.0	18	< 1.0
P4-A2	2/24/2007		310	130	13	37	62	< 2	72	< 2
P4-A2	6/28/2007		280	110	12	37	69	< 2.0	91	< 2.0
P4-A2	6/10/2008		160	120	16	52	86	< 2.0	49	< 2.0
P4-A2	12/11/2008		240	89	13	39	67	< 2.0	99	< 2.0
P4-A2	6/9/2009		180	21	6.7	7.8	26	< 2.5	6.5	< 2.5
P5-A2	2/24/2007		360	130	10	38	89	< 5	110	< 5
P5-A2	6/28/2007		300	100	10	32	81	< 2.0	91	< 2.0
P5-A2	6/10/2008		270	86	12	31	61	< 2.0	85	< 2.0
P5-A2	12/12/2008		290	82	12	31	55	< 2.0	88	< 2.0
P5-A2	6/9/2009		230	77	13	32	50	< 2.5	80	< 2.5
PZ-2	1/7/1991		0.8	0.3	0.4	0.3		0.2	1	0.5
PZ-2	2/5/1991		0.5	0.3	0.4	0.3		0.2	1	0.5
PZ-2	7/25/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
RW-1	6/7/1995		180	11	4.6		23	4,200	< 0.5	< 0.5
RW-1	9/8/1995		230	< 50	< 50	< 50	< 50	3,500	< 50	< 50
RW-1	12/11/1995		97	6	< 5		57	1,100	< 5	
RW-1	3/7/1996		260	26	< 10	15	110	1,300	< 10	< 10
RW-1	6/11/1996		160	26	< 25	< 25	70	1,100	< 25	< 25
RW-1	9/13/1996		210	34	< 12	26	51	8,800	< 12	< 12
RW-1	12/13/1996		120	< 25	< 25	< 25	< 25	660	< 25	
RW-1	3/7/1997		100	16	< 5	9.4	12	400	< 5	< 5
RW-1	6/9/1997		110	21	< 5	13	12	390	< 5	< 5
RW-1	9/12/1997		110	29	< 5	9.5	< 5	530	< 5	< 5
RW-1	12/5/1997		73	16	< 5	8	< 5	420	< 5	< 5
RW-1	6/2/1998		87	13	< 12	< 12	< 12	410	< 12	< 12
RW-1	6/2/1998	Dup	74	< 12	< 12	< 12	< 12	440	< 12	< 12
RW-1	12/9/1998		117	29.5	< 10	< 10	< 10	293	< 10	< 10
RW-1	6/10/1999		91.6	10.0	< 10.0	< 10.0	< 10.0	173	< 10.0	< 10.0
RW-1	12/15/1999		100	9.9	< 5	5.6	< 5	400	< 5	< 5
RW-1	6/9/2000		87	6.7	< 2.5	2.6	< 2.5	220	< 10	< 2.5
RW-1	12/12/2000		80	8.1	< 5.0	< 5.0	< 5.0	280	< 20	< 5.0
RW-1	12/12/2000	Dup	70	7.2	< 5.0	< 5.0	< 5.0	220	< 20	< 5.0
RW-1	6/21/2001		52	< 5.0	< 5.0	< 5.0	< 5.0	120	< 20	< 5.0
RW-1	6/26/2003		96	8.8	1.9	8.9	8.9	75	< 0.50	< 0.50
RW-1	6/20/2005		73	2.7	< 1.0	2.5	2.8	130	< 1.0	< 1.0
RW-1	6/18/2007		47	< 1.0	< 1.0	1.2	4.2	130	< 1.0	< 1.0
RW-1	6/10/2009		27	< 1.0	< 1.0	< 1.0	< 1.0	150	< 1.0	< 1.0

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
RW-2	6/7/1995		160	6.6	4.5		16	2,800	< 0.5	< 0.5
RW-2	9/8/1995		250	< 50	< 50	< 50	< 50	2,900	< 50	< 50
RW-2	12/11/1995		150	11	< 5		48	1,800	< 5	
RW-2	4/4/1996		250	33	< 25	< 25	110	1,400	< 25	< 25
RW-2	6/11/1996		160	< 25	< 25	< 25	70	980	< 25	< 25
RW-2	9/13/1996		180	43	< 25	< 25	32	1,100	< 25	< 25
RW-2	12/13/1996		120	< 50	< 50	< 50	< 50	1,400	< 50	
RW-2	3/7/1997		140	38	< 25	< 25	< 25	1,600	< 25	< 25
RW-2	3/7/1997	Dup	130	35	< 25	< 25	< 25	1,400	< 25	< 25
RW-2	6/9/1997		130	28	< 25	< 25	< 25	700	< 25	< 25
RW-2	9/12/1997		190	40	< 12	< 12	13	1,100	< 12	< 12
RW-2	12/5/1997		87	16	< 12	< 12	< 12	560	< 12	< 12
RW-2	6/2/1998		54	< 25	< 25	< 25	< 25	500	< 25	< 25
RW-2	12/9/1998		122	52.5	< 25	< 25	< 25	429	< 25	< 25
RW-2	8/10/1999		83.6	20.9	< 12.5	< 12.5	< 12.5	339	< 12.5	< 12.5
RW-2	12/15/1999		120	27	< 5	8.5	< 5	450	< 5	< 5
RW-2	6/9/2000		78	25	< 5.0	< 5.0	< 5.0	320	< 5.0	< 5.0
RW-2	12/12/2000		92	30	< 10	< 10	< 10	23	< 40	< 10
RW-2	6/21/2001		85	46	< 10	< 10	< 10	280	< 40	< 10
RW-2	6/26/2003		79	6.9	1.5	7.4	7.3	50	< 0.50	< 0.50
RW-2	6/20/2005		55	2.5	0.55	2.0	3.9	78	< 0.50	< 0.50
RW-2	6/18/2007		49	< 2.0	< 2.0	< 2.0	5.0	140	< 2.0	< 2.0
RW-2	6/10/2009		23	< 1.0	< 1.0	< 1.0	< 1.0	76	< 1.0	< 1.0
RW-3	1/23/1996		150	12	< 5	< 5	96	61	< 5	
RW-3	1/23/1996	Dup	150	13	< 5	< 5	98	63	< 5	
RW-3	3/7/1996		180	19	3.9	14	79	52	< 2.5	< 2.5
RW-3	3/7/1996	Dup	170	20	4.3	14	78	49	< 2.5	< 2.5
RW-3	6/11/1996		150	< 10	< 10	< 10	37	< 10	< 10	< 10
RW-3	9/12/1996		170	20	4.7	14	51	6.6	< 2.5	< 2.5
RW-3	12/13/1996		130	10	< 5	9.7	14	< 5	< 5	
RW-3	3/7/1997		43	4.5	1.5	2.6	8	< 0.5	< 0.5	< 0.5
RW-3	6/6/1997		72	8.8	2.8	5.8	14	1	< 0.5	< 0.5
RW-3	6/6/1997	Dup	66	8.6	2.7	5.4	13	0.66	< 0.5	< 0.5
RW-3	9/12/1997		100	12	2.7	7.2	7.6	5.9	< 1	< 1
RW-3	12/5/1997		55	6.2	1.5	4.2	3.6	10	< 1	< 1
RW-4	1/23/1996		150	6.1	< 5	< 50	28	750	< 5	
RW-4	3/7/1996		260	18	< 10	< 10	120	890	< 10	< 10
RW-4	6/7/1996		190	< 12	< 12	< 12	92	600	< 12	< 12
RW-4	9/13/1996		180	17	< 10	11	96	480	< 10	< 10
RW-4	12/13/1996		26	< 5	< 5	< 5	6.2	67	< 5	
RW-4	3/7/1997		30	2.4	1.2	1.9	2.9	27	< 0.5	< 0.5
RW-4	6/9/1997		92	8.4	2.7	7.4	3	44	< 0.5	< 0.5
RW-4	9/11/1997		96	10	< 2.5	5.7	4.4	100	< 2.5	< 2.5
RW-4	12/5/1997		36	2.7	< 1	1.9	1.3	39	< 1	< 1
RW-4	6/2/1998		67	3.3	< 2.5	3.9	< 2.5	30	< 2.5	< 2.5
RW-4	12/9/1998		124	9.72	< 2.5	6.7	10.9	59.5	< 2.5	< 2.5
RW-4	6/8/1999		118	8.33	< 5.00	5.22	< 5.00	16.9	< 5.00	< 5.00
RW-4	12/10/1999		73	4.05	< 2.5	< 2.5	< 2.5	7.93	< 5	< 2.5
RW-4	6/8/2000		64	2.8	< 2.5	< 2.5	< 2.5	8.1	< 2.5	< 2.5
RW-4	12/5/2000		54	1.9	< 1.0	< 1.0	< 1.0	4.4	< 4.0	< 1.0
RW-4	6/19/2001		43	< 2.5	< 2.5	< 2.5	< 2.5	6.9	< 10	< 2.5
RW-4	6/25/2003		37	0.90	< 0.50	1.0	0.93	5.1	< 0.50	< 0.50
RW-4	6/20/2005		24	0.55	< 0.50	< 0.50	1.4	6.9	< 0.60	< 0.50
RW-4	6/18/2007		43	0.77	< 0.50	0.98	2.8	15	< 0.50	< 0.50
RW-4	6/10/2009		38	< 0.50	< 0.50	0.65	0.70	10	< 0.50	< 0.50

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
RW-5	1/23/1996		150	59	< 5		8.5		< 5	
RW-5	1/23/1996				< 50	< 50	< 50	1,200	< 50	
RW-5	3/7/1996		250	140	< 25	< 25	< 25	1,900	< 25	< 25
RW-5	6/10/1996		210	160	< 50	< 50	< 50	1,400	< 50	< 50
RW-5	9/13/1996		250	440	< 25	140	< 25	2,600	< 25	< 25
RW-5	9/13/1996	Dup	210	410	< 25	130	< 25	2,500	< 25	< 25
RW-5	12/13/1996		130	170	< 25	42	< 25	1,100	< 25	
RW-5	3/7/1997		270	90	< 10	30	< 10	610	< 10	< 10
RW-5	6/9/1997		180	120	< 10	27	< 10	600	< 10	< 10
RW-5	9/12/1997		210	360	< 25	36	< 25	1,700	< 25	< 25
RW-5	12/5/1997		97	170	< 25	29	< 25	950	< 25	< 25
RW-5	6/2/1998		75	160	< 50	< 50	< 50	1,200	< 50	< 50
RW-5	12/9/1998		178	152	< 50	< 50	< 50	1,050	< 50	< 50
RW-5	6/10/1999		< 250	< 250	< 250	< 250	< 250	3,230	< 250	< 250
RW-5	12/10/1999		139	184	< 50	< 50	< 50	2,310	< 100	< 50
RW-5	6/8/2000		120	85	< 50	< 50	< 50	1,500	< 200	< 50
RW-5	12/8/2000		< 25	70	< 25	< 25	< 25	140	1,400	< 25
RW-5	6/22/2001		80	33	< 25	< 25	< 25	900	< 100	< 25
RW-5	7/2/2003		55	28	< 5.0	< 5.0	< 5.0	230	< 5.0	< 5.0
RW-5	6/23/2004		55	36	< 2.0	2.5	< 2.0	230	< 2.0	< 2.0
RW-5	6/22/2005		44	97	< 10	17	< 10	840	< 10	< 10
RW-5	6/18/2007		51	67	< 5.0	8.7	< 5.0	550	< 5.0	< 5.0
RW-5	5/1/2008		< 1	120	< 1	2.5	< 1	7.3	< 1	< 1
RW-5	11/5/2008		40	42	< 0.5	0.57	< 0.5	16	< 0.5	< 0.5
RW-5	4/30/2009		35	11	< 0.50	0.56	< 0.50	12	< 0.50	< 0.50
RW-5	11/22/2009		33	6.1	< 0.50	0.96	< 0.50	9.2	< 0.50	< 0.50
RW-6	1/23/1996		150	38	< 5		8.4		< 5	
RW-6	1/23/1996				< 50	< 50	< 50	1,200	< 50	
RW-6	3/7/1996		170	48	4.1	26	11	940	< 2.5	< 2.5
RW-6	6/10/1996		240	130	< 50	< 50	< 50	1,600	< 50	< 50
RW-6	9/13/1996		220	130	< 25	52	< 25	1,200	< 25	< 25
RW-6	12/13/1996		120	33	< 25	< 25	< 25	690	< 25	
RW-6	3/7/1997		150	25	< 5	12	8.3	360	< 5	< 5
RW-6	6/9/1997		110	25	< 5	11	10	210	< 5	< 5
RW-6	9/12/1997		170	34	< 5	11	18	190	< 5	< 5
RW-6	9/12/1997	Dup	190	40	< 5	13	22	240	< 5	< 5
RW-6	12/5/1997		83	15	< 2.5	7	12	92	< 2.5	< 2.5
RW-6	6/2/1998		110	13	< 5	6.4	9.5	76	< 5	< 5
RW-6	12/9/1998		133	22.5	< 5	6.59	12.4	96.9	< 5	< 5
RW-6	6/10/1999		90.2	12.4	< 5.00	< 5.00	11.7	75.9	< 5.00	< 5.00
RW-6	12/15/1999		130	14	< 2.5	5	6.5	110	< 2.5	< 2.5
RW-6	12/15/1999	Dup	130	15	< 2.5	4.9	6.5	110	< 2.5	< 2.5
RW-6	6/9/2000		20	3.1	< 0.50	0.58	0.62	22	< 2.0	< 0.50
RW-6	12/12/2000		110	13	< 5.0	< 5.0	< 5.0	120	< 20	< 5.0
RW-6	6/21/2001		64	14	< 5.0	< 5.0	< 5.0	190	< 20	< 5.0
RW-6	8/26/2003		61	20	< 5.0	5.6	< 5.0	330	< 5.0	< 5.0
RW-6	6/23/2004		46	1.6	0.54	1.7	4.3	8.9	< 0.50	< 0.50
RW-6	6/20/2005		39	9.9	< 2.0	3.7	< 2.0	140	< 2.0	< 2.0
RW-6	6/18/2007		51	13	< 2.0	5.6	< 2.0	220	< 2.0	< 2.0
RW-6	6/10/2009		41	21	< 2.5	3.8	10	140	< 2.5	< 2.5
SC-1	12/11/1990									0.5
SC-1	2/6/1991		1,500	290	200	150		100	500	500
SC-1	4/19/1991		1,800	210	59	63		1	29	0.5
SC-1	4/19/1991		1,700	260	60	< 25	150	< 10	< 10	< 10
SC-1	7/31/1991		1,700	200	30	< 25	70	< 25	< 25	< 25

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
SC-1	11/6/1991		1,600	210	97	< 25	210	< 5	23	< 5
SC-1	12/5/1991		1,400	150	33	< 50		< 5	49	
SH1	10/14/1991		110	< 10	< 10	< 10	< 10	< 10	18	< 10
SH1	11/12/1991		88	2.3	< 0.5	< 0.5	1.2	2.8	< 0.5	< 0.5
SH1	12/13/1991		110	< 5	< 5	< 5		< 5	< 5	
SH1	3/6/1992		77	1.9	< 0.5	< 0.5	0.9	3	< 0.5	< 0.5
SH1	8/12/1992		81	1.2	< 0.5	< 0.5	0.7	2.1	< 0.5	< 0.5
SH1	9/16/1992		90	2.2	< 0.5	< 0.5	0.7	1.1	< 0.5	< 0.5
SH1	12/15/1992		94	< 5	< 5	< 5		< 5	< 5	
SH1	3/10/1993		92	2.8	< 0.5	< 0.5	0.9	1.8	< 0.5	< 0.5
SH1	8/9/1993		90	1.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
SH1	9/13/1993		130	1.5	< 0.5	< 0.5	0.5	0.55	< 0.5	< 0.5
SH1	12/2/1993		80	< 5	< 5	< 5	< 5	< 5	< 5	
SH1	3/3/1994		130	1.8	< 0.5	< 0.5	< 0.5	0.6	< 0.5	< 0.5
SH1	6/9/1994		19	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
SH1	9/6/1994		100	1.6	< 0.5	< 0.5	0.69	0.51	< 0.5	< 0.5
SH1	12/5/1994		110	< 5	< 5	< 5	< 5	< 5	< 5	
SH1	3/3/1995		95	1.2	< 0.5	< 0.5	< 0.5	0.71	< 0.5	< 0.5
SH1	6/6/1995		90	1.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
SH1	11/9/1995		69	1.6	< 0.5	< 0.5	0.77	4.1	< 0.5	< 0.5
SH1	12/8/1995		44	< 5	< 5	< 5	< 5	< 5	< 5	
SH1	3/7/1996		100	4.1	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
SH1	6/11/1996		56	1.8	< 1	< 1	< 1	2.4	< 1	< 1
SH1	9/12/1996		55	1.7	< 1	< 1	< 1	5.3	< 1	< 1
SH1	12/12/1996		43	< 5	< 5	< 5	< 5	5.3	< 5	
SH1	3/6/1997		19	0.57	< 0.5	< 0.5	< 0.5	1.1	< 0.5	< 0.5
SH1	6/5/1997		33	1.1	0.54	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
SH1	12/4/1997		34	0.76	0.69	< 0.5	< 0.5	1.1	< 0.5	< 0.5
SH1	6/4/1998		8.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
SH1	12/10/1998		29.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
SH1	6/8/1999		31.9	< 1.00	< 1.00	< 1.00	< 1.00	2.12	< 1.00	< 1.00
SH1	12/8/1999		28.2	< 0.5	< 0.5	< 0.5	< 0.5	4.18	< 1	< 0.5
SH1	8/6/2000		29	< 0.50	< 0.50	< 0.50	< 0.50	1.1	< 0.50	< 0.50
SH1	12/7/2000		33	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
SH1	6/21/2001		29	< 0.50	< 0.50	< 0.50	< 0.50	0.82	< 2.0	< 0.50
SH1	6/27/2003		9.8	< 0.50	< 0.50	< 0.50	< 0.50	5.2	< 0.50	< 0.50
SH1	6/20/2005		18	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
SH1	6/14/2007		16	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
SH1	6/15/2009		17	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
T1A	3/23/2005		76	< 0.5	4.3	0.6	1.6	< 0.5	< 1.0	< 0.5
T1A	4/29/2005		68	< 0.5	17	4.4	6.3	3.2	< 0.5	< 0.5
T1A	6/28/2005		8.2	0.58	17	4.9	6.6	2.4	< 0.5	< 0.5
T1A	9/12/2005		7.3	< 0.5	17	4.6	6.7	< 0.5	< 0.5	< 0.5
T1A	1/11/2006		440	< 5	12	< 5	13	< 5	< 5	< 5
T1A	6/28/2006		29	< 0.50	23	8.7	12	< 0.50	< 0.50	< 0.50
T1A	6/27/2007		12	0.68	22	12	16	< 0.50	< 0.50	< 0.50
T1A	6/11/2009		240	< 2.5	23	14	29	< 2.5	< 2.5	< 2.5
T2A	3/23/2005		67	< 0.5	< 0.5	0.6	1.8	< 0.5	< 1.0	< 0.5
T2A	4/29/2005		< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
T2A	6/26/2005		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
TW-2	6/11/2009		3,200	< 0.50	9.7	4.8	65	0.54	< 0.50	< 0.50
V8-1	12/20/1990		320	3.7	3.9	5.9		0.2	1	0.5
V8-1	4/11/1991		7,300	< 50	< 50	< 50	140	< 50	< 50	< 10

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
V8-1	4/11/1991	Dup		1.8	3.6	4		0.4	1	1
V8-1	4/11/1991	Dup	0.5	1.8	3.6	4		0.2	1	1
V8-1	7/24/1991		16,000	< 50	< 50	< 50	570	< 50	< 50	< 50
V8-1	11/7/1991		12,000	< 25	< 25	< 25	560	< 25	< 25	< 25
V8-1	12/5/1991		760	< 10	< 10	< 10		< 10	< 10	
V8-1	3/4/1992		13,000	< 10	< 10	< 10	480	< 10	< 10	< 10
V8-1	3/4/1992	Dup	9,300	< 10	< 10	< 10	370	< 10	< 10	< 10
V8-1	6/3/1992		7,800	< 25	< 25	< 25	200	< 25	< 25	< 25
V8-1	10/12/1992		7,400	< 25	< 25	< 25	280	< 25	< 25	< 25
V8-1	10/12/1992		200	9.5	8.9	< 2.5	7.9	< 0.5	< 0.5	< 0.5
V8-1	12/4/1992		4,500	< 25	< 25	< 25	230	< 25	< 25	
V8-1	3/4/1993		10,000	< 50	< 50	< 50	250	< 50	< 50	< 50
V8-1	6/9/1993		1,500	< 5	< 5	< 5	76	< 5	< 5	< 5
V8-1	9/8/1993		2,300	< 10	< 10	< 10	69	< 10	< 10	< 10
V8-1	12/6/1993		6,600	< 50	< 50	< 50	240	< 50	< 50	
V8-1	3/9/1994		8,900	< 50	< 50	< 50	350	< 50	< 50	< 50
V8-1	6/3/1994		2,900	< 25	< 25	< 25	140	< 25	< 25	< 25
V8-1	9/6/1994		1,000	9.1	7.2	< 5	71	< 5	< 5	< 5
V8-1	9/8/1994	Dup	1,100	9.3	7.4	< 5	74	< 5	< 5	< 5
V8-1	12/6/1994		760	< 25	< 25	< 25	38	< 25	< 25	
V8-1	3/6/1995		1,300	< 5	< 5	< 5	93	< 5	< 5	< 5
V8-1	6/8/1995		82	4.8	5.7		6.6	< 0.5	< 0.5	< 0.5
V8-1	9/7/1995		2,600	< 25	< 25	< 25	190	< 25	< 25	< 25
V8-1	11/17/1995		130	7.2	6.5		15	< 0.5	< 0.5	< 0.5
V8-1	11/17/1995	Dup	120	7.2	6.1		15	< 0.5	< 0.5	< 0.5
V8-1	12/8/1995		310	6	6.1		20	< 5	< 5	
V8-1	12/8/1995	Dup	290	6.1	6.2		21	< 5	< 5	
V8-1	3/6/1996		10,000	< 120	< 120	< 120	390	< 120	< 120	< 120
V8-1	6/7/1996		200	8.7	5.8	6.2	14	< 2.5	< 2.5	< 2.5
V8-1	9/12/1996		1,900	< 25	< 25	< 25	150	< 25	< 25	< 25
V8-1	12/12/1996		< 10	< 10	< 10	< 10	330	< 10	< 10	
V8-1	3/6/1997		1,500	< 25	< 25	< 25	87	< 25	< 25	< 25
V8-1	6/6/1997		1,400	< 25	< 25	< 25	120	< 25	< 25	< 25
V8-1	9/12/1997		840	< 25	< 25	< 25	56	< 25	< 25	< 25
V8-1	12/3/1997		2,600	< 25	< 25	< 25	200	< 25	< 25	< 25
V8-1	6/5/1998		800	< 25	< 25	< 25	34	< 25	< 25	< 25
V8-1	12/11/1998		508	< 10	13.8	< 10	35.7	< 10	< 10	< 10
V8-1	6/10/1999		566	< 25.0	< 25.0	< 25.0	35.3	< 25.0	< 25.0	< 25.0
V8-1	7/29/1999		3,120	< 100	< 100	< 100	204	< 100	< 100	< 100
V8-1	12/10/1999		678	< 12.5	< 12.5	< 12.5	44	< 12.5	< 25	< 12.5
V8-1	12/10/1999	Dup	665	< 16.7	< 16.7	< 16.7	40.1	< 16.7	< 33.3	< 16.7
V8-1	6/6/2000		1,100	< 50	< 50	< 50	54	< 50	< 50	< 50
V8-1	12/5/2000		490	< 10	< 10	< 10	27	< 10	< 40	< 10
V8-1	6/19/2001		360	< 13	< 13	< 13	42	< 13	< 50	< 13
V8-1	6/26/2003		620	< 5.0	5.8	< 5.0	37	< 5.0	< 5.0	< 5.0
V8-1	6/26/2003	Dup	630	< 5.0	6.9	< 5.0	31	< 5.0	< 5.0	< 5.0
V8-1	1/16/2004		3,400	ND	ND	ND	110			
V8-1	4/26/2004		889	ND	ND	ND	194			
V8-1	12/6/2004		530	ND	5	ND	35			
V8-1	6/21/2005		870	< 10	< 10	< 10	43	< 10	< 10	< 10
V8-1	4/5/2006		460	< 10	< 10	< 10	120	< 10	< 10	< 10
V8-1	6/21/2007		610	< 10	< 10	< 10	< 10	< 10	< 10	< 10
V8-1	8/14/2007		180	< 2.0	8.7	< 2.0	21	< 2.0	2	< 2.0
V8-1	6/27/2008		140	< 2.0	9.1	3.7	15	< 2.0	< 2.0	< 2.0
V8-1	6/15/2009		2,600	< 5.0	7.2	< 5.0	42	< 5.0	< 5.0	< 5.0
V8-2	12/20/1990									0.5
V8-2	2/15/1991		620	30	30	28		2.6	10	10

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
V8-2	4/19/1991		30,000	60	34	< 500	110	3	< 0.5	< 0.5
V8-2	7/24/1991		17,000	80	< 50	< 50	210	< 50	< 50	< 10
V8-2	10/7/1991		19,000	< 120	< 120	< 120	280	< 120	< 120	< 120
V8-2	12/9/1991		8,600	180	49	< 250		< 5	< 5	< 10
V8-2	3/5/1992		43,000	160	< 100	< 100	420	< 100	< 100	< 100
V8-2	6/4/1992		7,400	350	94	< 100	410	< 10	< 10	< 10
V8-2	6/4/1992	Dup								< 10
V8-2	10/12/1992		84	250	150	< 10	630	< 2.5	< 2.5	< 2.5
V8-2	12/8/1992				110			< 5	7.9	
V8-2	12/8/1992		5,900	420	130	< 250	900	< 25	< 25	
V8-2	12/8/1992	Dup	690	500		< 25	960			
V8-2	3/3/1993		34,000	680	< 100	< 100	820	< 100	< 100	< 100
V8-2	6/11/1993		520	1,200	140	< 25	920	< 5	41	< 5
V8-2	6/11/1993	Dup	430	1,100	130	< 25	880	< 5	34	< 5
V8-2	9/8/1993		88	1,700	190	< 25	1,500	< 5	54	< 5
V8-2	12/6/1993		36,000	840	120		1,500	< 50	< 50	
V8-2	3/8/1994		50,000	1,400	140		1,900	< 100	< 100	< 100
V8-2	6/3/1994		16,000	2,700	320		2,500	< 25	130	< 25
V8-2	9/8/1994		37,000	2,300	230		2,100	9.3	230	< 5
V8-2	12/6/1994		36,000	1,800	< 250	< 250	1,200	< 250	< 250	
V8-2	2/1/1995		47,000	1,300	65		1,300	< 50	160	
V8-2	3/6/1995		2,300	2,700	140		2,200	< 25	240	< 25
V8-2	6/9/1995		1,200	1,100	61		870	< 5	110	< 5
V8-2	9/8/1995		1,800	560	< 100	< 100	240	< 100	< 100	< 100
V8-2	11/17/1995		11,000	760	34		370	20	140	< 5
V8-2	12/8/1995		10,000	1,200	38	< 500	770	< 5	180	
V8-2	4/4/1996		4,000	570	< 100	< 100	380	< 100	110	< 100
V8-2	6/11/1996		170	43	9.4	9.8	24	< 2.5	8	< 2.5
V8-2	9/13/1996		600	100	13	24	60	< 2.5	19	< 2.5
V8-2	12/16/1996		2,700	< 120	< 120	< 120	< 120	< 120	< 120	
V8-2	3/7/1997		12,000	160	< 100	< 100	140	< 100	< 100	< 100
V8-2	6/9/1997		9,400	370	< 120	< 120	300	< 120	< 120	< 120
V8-2	9/12/1997		3,600	< 120	< 120	< 120	< 120	< 120	< 120	< 120
V8-2	12/3/1997		38,000	< 120	< 120	< 120	310	< 120	< 120	< 120
V8-2	6/5/1998		72	5.4	7.5	11	4.9	< 2.5	< 2.5	< 2.5
V8-2	6/5/1998	Dup	66	5.4	7.6	8.9	4.8	< 2.5	< 2.5	< 2.5
V8-2	12/11/1998		68.7	8.91	18.2	13.8	5.08	< 2.5	< 2.5	< 2.5
V8-2	6/10/1999		188	< 5.00	13.7	8.20	5.29	< 5.00	< 5.00	< 5.00
V8-2	7/29/1999		60.1	< 2.50	7.34	4.05	2.69	< 2.50	< 2.50	< 2.50
V8-2	7/29/1999	Dup	47.1	< 2.50	5.40	3.20	< 2.50	< 2.50	< 2.50	< 2.50
V8-2	12/10/1999		101	5.18	20.4	9.26	7.16	< 3.13	< 6.25	< 3.13
V8-2	6/9/2000		77	3.9	15	7.5	6.9	< 1.0	< 4.0	< 1.0
V8-2	12/5/2000		160	< 2.5	16	5.9	3.3	< 2.5	< 10	< 2.5
V8-2	6/19/2001		60	1.1	5.1	3.1	1.4	< 1.0	< 4.0	< 1.0
V8-2	6/26/2003		110	1.1	12	5.1	5.9	< 1.0	< 1.0	< 1.0
V8-2	1/18/2004		970	ND	ND	ND	ND			
V8-2	4/26/2004		2,670	ND	ND	ND	53.2			
V8-2	12/6/2004		2,600	ND	ND	ND	ND			
V8-2	6/20/2005		69	0.55	0.80	1.0	0.60	< 0.50	< 0.50	< 0.50
V8-2	8/20/2005		110	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 5	< 2.5
V8-2	4/6/2006		85	< 0.50	0.66	0.56	1.5	< 0.50	< 0.50	< 0.50
V8-2	7/5/2007		390	< 5.0	< 5.0	< 5.0	16	< 5.0	< 5.0	< 5.0
V8-2	8/14/2007		800	< 10	< 10	< 10	41	< 10	< 10	< 10
V8-2	6/11/2009		1,400	< 5.0	14	< 5.0	13	< 5.0	< 5.0	< 5.0
V8-2X	12/18/1990		220	12	6.9	9.5		2	10	10
V8-2X	12/16/1999		530	< 13	< 13	< 13	< 13	< 13	< 1	< 13
V8-2X	8/15/2000		680	< 10	< 10	< 10	11	< 10	< 40	< 10

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
V8-2X	12/5/2000		830	< 10	< 10	< 10	< 10	< 10	< 40	< 10
V8-2X	8/22/2001		500	< 10	< 10	< 10	< 10	< 10	< 40	< 10
V8-2X	6/26/2003		590	< 10	< 10	< 10	10	< 10	< 10	< 10
V8-2X	8/29/2005		170	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
V8-2X	6/29/2005	Dup	160	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
V8-2X	7/5/2007		200	< 2.0	< 2.0	< 2.0	13	< 2.0	< 2.0	< 2.0
V8-2X	6/9/2009		5,900	3.2	9.5	6.7	16	< 2.5	< 2.5	< 2.5
V8-2X	6/9/2009	Dup	5,600	< 5.0	9.4	8.8	16	< 5.0	< 5.0	< 5.0
V8-3	12/14/1990		5	51	13	18		2	10	10
V8-3	4/12/1991		6	56	26		< 0.5	< 0.5	< 0.5	< 0.5
V8-3	4/12/1991	Dup	8	61	27		< 3	< 3	< 3	< 3
V8-3	7/25/1991		0.5	4.6	3.1		< 0.5	< 0.5	< 0.5	< 0.5
V8-3	10/8/1991		5.3	53	25		< 0.5	< 0.5	< 0.5	< 0.5
V8-3	12/6/1991		< 5	41	25			< 5	< 5	
V8-3	3/5/1992		3.5	42	23		< 0.5	< 0.5	< 0.5	< 0.5
V8-3	6/3/1992		4.6	54	27		< 0.5	< 0.5	< 0.5	< 0.5
V8-3	10/12/1992		7.8	55	34		< 0.5	< 0.5	< 0.5	< 0.5
V8-3	12/9/1992		7.6	55	28		< 5	< 5	< 5	
V8-3	3/3/1993		4	27	15		< 0.5	< 0.5	< 0.5	< 0.5
V8-3	3/3/1993	Dup	3.5	25	14		< 0.5	< 0.5	< 0.5	< 0.5
V8-3	6/9/1993		3.5	26	18		< 0.5	< 0.5	< 0.5	< 0.5
V8-3	9/6/1993		18	56	43		3	< 0.5	0.89	< 0.5
V8-3	12/6/1993		6.3	5.4	7	< 5	< 5	< 5	< 5	
V8-3	3/8/1994		20	37	33		12	< 0.5	0.61	< 0.5
V8-3	3/6/1994	Dup	20	38	34		13	< 0.5	0.73	< 0.5
V8-3	6/3/1994		22	50	49		12	< 0.5	< 0.5	< 0.5
V8-3	9/6/1994		25	45	46		16	< 0.5	0.58	< 0.5
V8-3	12/6/1994		22	34	32		26	< 5	< 5	
V8-3	3/6/1995		21	54	38	< 0.5	59	< 0.5	< 0.5	< 0.5
V8-3	8/7/1995		27	160	33	< 0.5	120	< 0.5	2.9	< 0.5
V8-3	9/7/1995		40	320	130		700	< 10	< 10	< 10
V8-3	11/17/1995		37	240	120		230	< 0.5	74	< 0.5
V8-3	12/8/1995		49	1,000	160	< 5	1,300	< 5	74	
V8-3	3/7/1996		< 25	1,100	170	220	1,300	< 25	82	< 25
V8-3	6/6/1996		63	1,200	150	230	1,300	< 12	160	< 12
V8-3	9/12/1996		83	1,400	97	280	1,200	< 25	200	< 25
V8-3	12/13/1996		< 50	1,700	72	280	1,300	< 50	430	
V8-3	3/6/1997		65	1,000	64	160	850	< 25	240	< 25
V8-3	6/6/1997		29	580	35	91	490	< 2.5	180	< 2.5
V6-3	9/12/1997		110	770	43	140	530	< 10	340	< 10
V8-3	12/4/1997		41	380	21	59	300	< 10	110	< 10
V8-3	6/4/1998		24	170	15	29	190	< 5	76	< 5
V8-3	12/10/1998		44.2	113	10.8	25.1	98.3	< 2.5	124	< 2.5
V8-3	6/10/1999		42.7	75.1	< 12.5	16.9	57.2	< 12.5	72.8	< 12.5
V8-3	12/10/1999		47.4	79.3	8.2	20.5	58.1	< 1.67	64.9	< 1.67
V8-3	6/6/2000		6.4	4.5	< 0.50	1.9	7.6	< 0.50	10	< 0.50
V8-3	12/5/2000		12	9.3	2.1	4.1	13	< 0.50	12	< 0.50
V8-3	8/19/2001		37	32	11	17	35	< 0.50	39	< 0.50
V8-3	8/25/2003		11	6.7	5.7	4.0	12	< 0.50	5.3	< 0.50
V8-3	6/20/2005		230	6.5	9.9	5.7	32	< 2.0	4.4	< 2.0
V8-3	6/20/2007		340	6.6	14	8.4	30	< 2.0	6.7	< 2.0
V8-3	6/15/2009		260	8.0	16	6.9	24	< 2.5	5.4	< 2.5
V8-3	6/15/2009	Dup	280	6.5	16	9.8	27	< 0.50	5.8	< 0.50
V6-4	12/13/1990		2.5	11	3.8	2.6		0.2	4.5	0.5
V8-4	4/19/1991		33	38	17		1	< 0.5	< 0.5	< 0.5
V8-4	4/19/1991	Dup	15	20	9		< 0.5	< 0.5	< 0.5	< 0.5

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
V8-4	7/26/1991		34	38	17		1.5	< 0.5	< 0.5	< 0.5
V8-4	10/8/1991		3.9	5.9	2.1		< 0.5	< 0.5	2.4	< 0.5
V8-4	12/5/1991		< 5	< 5	< 5	< 5		< 5	< 5	
V8-4	3/6/1992		1.6	5.6	1.6		< 0.5	< 0.5	1.6	< 0.5
V8-4	6/10/1992		1.1	2.7	0.6	< 0.5	< 0.5	< 0.5	1.1	< 0.5
V8-4	10/13/1992		49	53	38		18	< 0.5	1.2	< 0.5
V8-4	12/8/1992		55	55	41		23	< 5	< 5	
V8-4	3/4/1993		< 0.5	4.1	< 0.5		< 0.5	< 0.5	1	< 0.5
V8-4	3/4/1993	Dup	< 0.5	4.1	< 0.5		< 0.5	< 0.5	1.1	< 0.5
V8-4	6/10/1993		7.4	9.7	8.2		8	< 0.5	< 0.5	< 0.5
V6-4	9/10/1993		53	70	44	< 2.5	52	< 0.5	1.7	< 0.5
V8-4	12/13/1993		< 5	7.2	< 5	< 5	< 5	< 5	< 5	
V8-4	3/9/1994		0.77	4.4	1.9		1.6	< 0.5	< 0.5	< 0.5
V8-4	6/6/1994		< 0.5	3.4	< 0.5		0.75	< 0.5	2.2	< 0.5
V8-4	9/7/1994		< 0.5	3.2	< 0.5		0.74	< 0.5	2	< 0.5
V8-4	12/6/1994		5.9	20	< 5		11	< 5	< 5	
V8-4	3/6/1995		3.1	8.5	0.76		4.2	< 0.5	1.7	< 0.5
V8-4	6/6/1995		8	27	3.3		12	< 0.5	1.8	< 0.5
V8-4	9/7/1995		1.7	5.4	< 0.5		< 0.5	< 0.5	1.3	< 0.5
V8-4	12/6/1995		< 5	13	< 5	< 5	9.3	< 5	< 5	
V8-4	3/6/1996		63	180	22	57	87	< 2.5	11	< 2.5
V8-4	6/11/1996		180	840	90	210	600	< 10	100	< 10
V8-4	9/11/1996		99	480	44	130	360	< 10	69	< 10
V8-4	12/12/1996		11	64	< 5	12	50	< 5	14	
V8-4	3/5/1997		36	150	7.4	22	78	< 2.5	49	< 2.5
V8-4	6/5/1997		9.9	26	< 2.5	7.1	18	< 2.5	41	< 2.5
V8-4	9/11/1997		110	270	17	52	140	< 2.5	67	< 2.5
V8-4	12/4/1997		45	99	8.1	9.6	85	< 2.5	21	< 2.5
V8-4	6/4/1998		79	130	11	23	90	< 2.5	110	< 2.5
V8-4	12/10/1998		8.61	15.2	1.23	3.37	10.6	0.524	5.66	< 0.5
V8-4	6/10/1999		12.1	13.4	1.12	3.00	10.2	< 0.500	12.3	< 0.500
V8-4	7/29/1999		< 0.500	2.53	< 0.500	< 0.500	0.902	< 0.500	1.71	< 0.500
V8-4	12/10/1999		84.6	151	8.9	29.8	88.5	< 3.57	74	< 3.57
V8-4	6/8/2000		7.4	6.8	< 0.50	2.3	6.1	< 0.50	9.4	< 0.50
V8-4	12/5/2000		0.67	0.90	< 0.50	< 0.50	0.56	< 0.50	< 2.0	< 0.50
V6-4	6/19/2001		1.3	1.3	< 0.50	< 0.50	0.95	< 0.50	< 2.0	< 0.50
V8-4	6/25/2003		5.8	4.2	0.78	1.5	3.2	< 0.50	5.5	< 0.50
V6-4	6/20/2005		8.9	6.2	3.6	3.3	7.1	< 0.50	8.5	< 0.50
V8-4	6/20/2007		24	2.8	2.6	2.5	5.4	< 0.50	5.5	< 0.50
V8-4	6/10/2009		3.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.77	< 0.50
V8-5	12/13/1990		190	4	4	12		2	10	0.5
V8-5	12/13/1990	Dup	540	7.7	4.8	25	25	2.2	10	0.5
V8-5	4/19/1991		470	12	6	< 5	34	< 0.5	< 0.5	< 0.5
V8-5	4/19/1991	Dup	3	9.1	5.7	19		1	5	
V8-5	4/19/1991	Dup	3	9.1	5.7	19		1	5	0.5
V8-5	7/24/1991		570	8	< 2.5	< 5	36	< 2.5	< 2.5	< 2.5
V8-5	10/7/1991		500	7	< 2.5	< 5	37	< 2.5	< 2.5	< 2.5
V8-5	12/5/1991		350	< 5	< 5	< 10		< 5	< 5	
V8-5	3/5/1992		360	8.2	2.8	< 5	41	< 1	< 1	< 1
V8-5	6/3/1992		190	5.9	4.3	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5
V8-5	10/12/1992		7.5	20	18		1.4	< 0.5	< 0.5	< 0.5
V8-5	12/9/1992		510	6.7	< 5	< 17	46	< 5	< 5	
V8-5	3/4/1993		630	8	< 2.5	< 12	35	< 2.5	< 2.5	< 2.5
V8-5	6/9/1993		500	9	< 2.5	< 12	31	< 2.5	< 2.5	< 2.5
V8-5	9/8/1993		12	29	22		9.2	< 0.5	0.55	< 0.5
V8-5	12/6/1993		500	6.1	< 5		37	< 5	< 5	
V8-5	3/9/1994		510	18	11		37	< 2.5	< 2.5	< 2.5

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
V8-5	6/3/1994		630	9.6	< 2.5		35	< 2.5	< 2.5	< 2.5
V8-5	6/3/1994	Dup	670	9.8	< 2.5		33	< 2.5	< 2.5	< 2.5
V8-5	9/6/1994		570	12	3.6		32	< 2.5	< 2.5	< 2.5
V8-5	12/6/1994		570	< 25	< 25	< 25	36	< 25	< 25	
V8-5	3/6/1995		540	7.2	< 2.5		41	< 2.5	< 2.5	< 2.5
V8-5	6/8/1995		470	5.4	< 2.5		23	< 2.5	< 2.5	< 2.5
V8-5	6/6/1995	Dup	480	5.7	< 2.5		22	< 2.5	< 2.5	< 2.5
V8-5	9/8/1995		420	15	< 12		26	< 12	< 12	< 12
V8-5	12/8/1995		330	46	8.6	< 50	84	< 5	< 5	
V8-5	3/7/1996		140	12	5.8	5.6	14	< 2.5	< 2.5	< 2.5
V8-5	6/6/1996		380	7	< 5	16	19	< 5	< 5	< 5
V8-5	9/13/1996		360	9.1	< 5	22	25	< 5	< 5	< 5
V8-5	12/13/1996		220	< 10	< 10	< 10	20	< 10	< 10	
V6-5	3/5/1997		290	9.3	< 2.5	12	20	< 2.5	< 2.5	< 2.5
V8-5	6/9/1997		170	6.3	< 5	6.3	10	< 5	< 5	< 5
V8-5	9/11/1997		280	8.5	< 2.5	12	18	< 2.5	< 2.5	< 2.5
V8-5	12/4/1997		470	12	< 5	< 5	20	< 5	< 5	< 5
V8-5	6/4/1998		340	< 12	< 12	< 12	< 12	< 12	< 12	< 12
V8-5	12/10/1998		242	< 5	< 5	< 5	10.1	< 5	< 5	< 5
V8-5	8/10/1999		197	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
V8-5	12/14/1999		40.2	2.07	10.7	6.3	1.49	< 1	< 1	< 1
V8-5	12/14/1999	Dup	39.1	< 2.5	9.44	6.54	< 2.5	< 2.5	< 2.5	< 2.5
V6-5	6/6/2000		190	< 2.5	< 2.5	4.1	3.4	< 2.5	< 2.5	< 2.5
V8-5	6/6/2000	Dup	190	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
V8-5	12/5/2000		220	< 2.5	< 2.5	6.4	8.4	< 2.5	< 10	< 2.5
V6-5	6/19/2001		180	< 2.5	< 2.5	5.0	4.1	< 2.5	< 10	< 2.5
V8-5	6/19/2001	Dup	170	< 2.5	< 2.5	5.1	3.6	< 2.5	< 10	< 2.5
V8-5	6/26/2003		170	< 2.5	4.5	6.9	3.3	< 2.5	< 2.5	< 2.5
V8-5	6/26/2003	Dup	100	< 1.0	1.7	2.6	2.1	< 1.0	< 1.0	< 1.0
V8-5	6/20/2005		3.8	1.3	12	5.5	0.60	< 0.50	0.72	< 0.50
V8-5	6/27/2006		4.2	< 0.50	16	4.6	< 0.50	< 0.50	< 0.50	< 0.50
V8-5	6/20/2007		3.2	0.62	16	6.2	< 0.50	< 0.50	< 0.50	< 0.50
V8-5	6/12/2008		5.8	0.51	9.6	5.7	< 0.50	< 0.50	< 0.50	< 0.50
V8-5	6/11/2009		4.5	0.56	14	9.7	< 0.50	< 0.50	< 0.50	< 0.50
V8-6	12/20/1990		1	1.6	0.4	1.9		0.2	1.1	0.5
V8-6	12/20/1990	Dup	1.1	1.3	3	0.8		0.2	1	0.5
V8-6	7/24/1991		< 0.5	1.1	< 0.5	< 0.5	2	< 0.5	< 0.5	< 0.5
V8-6	12/4/1991		< 5	< 5	< 5	< 5		< 5	< 5	
V8-6	6/4/1992		< 0.5	0.7	< 0.5	0.5	0.5	< 0.5	< 0.5	< 0.5
V8-6	6/4/1992	Dup	< 0.5	0.5	< 0.5		0.6	< 0.5	< 0.5	< 0.5
V8-6	12/9/1992		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
V8-6	6/11/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V8-6	12/6/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
V8-6	6/3/1994		1.5	2.4	< 0.5		3.2	< 0.5	< 0.5	< 0.5
V8-6	12/6/1994		< 5	< 5	< 5		< 5	< 5	< 5	
V8-6	6/6/1995		< 0.5	< 0.5	< 0.5		0.5	< 0.5	< 0.5	< 0.5
V6-6	12/5/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
V8-6	6/6/1996		0.61	0.68	< 0.5	0.64	< 0.5	< 0.5	< 0.5	< 0.5
V8-6	12/13/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
V8-6	12/4/1997		1.6	< 0.5	1.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V8-6	12/10/1999		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5
V8-6	6/19/2001		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
V8-6	8/25/2003		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
V8-6	6/20/2005		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
V8-6	6/21/2007		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
V8-6	6/11/2009		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

TABLE 4-1
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THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
V8-7	12/12/1990		190	24	11	11		2	10	0.5
V8-7	4/11/1991		470	41	16	< 5	12	< 3	< 3	< 3
V8-7	7/26/1991		450	48	20	< 5	13	< 2.5	< 2.5	< 2.5
V6-7	11/12/1991		470	46	18	< 12	11	< 2.5	< 2.5	< 2.5
V8-7	12/6/1991		450	42	24	< 25		< 5	< 5	
V8-7	3/5/1992		180	14	8.5	< 2.5	4.2	< 0.5	< 0.5	< 0.5
V8-7	6/5/1992		250	17	10	< 2.5	6.3	< 0.5	< 0.5	< 0.5
V8-7	10/12/1992		340	33	17	< 5	13	< 1	< 1	< 1
V8-7	12/8/1992		340	35	22	< 12	14	< 5	< 5	
V8-7	3/4/1993		480	41	24	< 5	11	< 1	< 1	< 1
V8-7	6/10/1993		55	1.6	< 0.5	< 0.5	0.5	< 0.5	< 0.5	< 0.5
V8-7	9/9/1993		290	28	22	< 5	8.2	< 1	< 1	< 1
V8-7	12/6/1993		280	16	18		7.2	< 5	< 5	
V8-7	3/8/1994		54	< 0.5	1.3	< 0.5	0.92	< 0.5	< 0.5	< 0.5
V8-7	6/3/1994		100	1.6	< 0.5	< 0.5	1.4	< 0.5	< 0.5	< 0.5
V8-7	6/3/1994	Dup	100	0.69	< 0.5	< 0.5	1.2	< 0.5	< 0.5	< 0.5
V8-7	9/6/1994		110	< 0.5	0.83	< 0.5	1.2	< 0.5	< 0.5	< 0.5
V8-7	12/6/1994		110	< 5	< 5	< 5	< 5	< 5	< 5	
V8-7	3/6/1995		110	0.5	< 0.5	< 0.5	0.68	< 0.5	< 0.5	< 0.5
V8-7	6/7/1995		78	24	2.4		23	< 0.5	< 0.5	< 0.5
V8-7	6/7/1995	Dup	72	22	2.3		22	< 0.5	< 0.5	< 0.5
V8-7	9/7/1995		120	41	3		29	< 2.5	< 2.5	< 2.5
V8-7	12/6/1995		130	< 5	< 5	< 5	6.6	< 5	< 5	
V8-7	3/6/1996		120	120	16	120	140	< 2.5	18	< 2.5
V8-7	6/7/1996		230	1,300	140	330	1,400	< 12	140	< 12
V8-7	6/7/1998	Dup	230	1,300	150	320	1,400	< 12	140	< 12
V8-7	9/12/1996		40	68	14	19	100	< 1	7.2	< 1
V8-7	3/6/1997		220	66	2.9	9.6	57	< 2.5	14	< 2.5
V8-7	6/5/1997		88	48	11	7.5	110	< 5	< 5	< 5
V8-7	6/5/1997	Dup	110	61	11	6.1	120	< 5	< 5	< 5
V8-7	9/11/1997		310	520	58	130	460	< 5	40	< 5
V8-7	12/4/1997		230	500	41	120	380	< 10	97	< 10
V8-7	6/5/1998		120	44	< 5	< 5	63	< 5	< 5	< 5
V8-7	12/11/1998		190	290	17.2	NA	204	< 5	94.1	< 5
V8-7	12/11/1998	Dup	211	301	16.1	NA	209	< 10	99.6	< 10
V8-7	6/10/1999		177	165	< 12.5	32.4	140	< 12.5	76.2	< 12.5
V8-7	6/10/1999	Dup	180	157	11.7	32.7	132	< 10.0	73.7	< 10.0
V8-7	12/10/1999		205	187	12.8	43.2	132	< 5	76.4	< 5
V8-7	6/6/2000		240	12	< 2.5	< 2.5	11	< 2.5	5.2	< 2.5
V8-7	12/5/2000		250	120	8.5	33	100	< 5.0	86	< 5.0
V8-7	12/5/2000	Dup	270	120	< 10	33	110	< 10	79	< 10
V8-7	6/19/2001		170	46	< 5.0	6.6	53	< 5.0	46	< 5.0
V8-7	6/26/2002		180	26	4.6	10	45	< 1.0	33	< 1.0
V8-7	6/26/2002	Dup	190	28	4.8	10	48	< 1.0	31	< 1.0
V8-7	6/26/2003		190	26	7.4	10	41	< 2.5	19	< 2.5
V8-7	8/31/2004		210	14	2.7	7.0	33	< 2.0	15	< 2.0
V8-7	8/31/2004		210	14	3.4	6.1	27	< 2.0	17	< 2.0
V8-7	6/20/2005		370	30	5.9	10	37	< 2.0	14	< 2.0
V8-7	6/27/2006		310	10	2.4	4.1	16	< 2.0	9.4	< 2.0
V8-7	6/20/2007		260	8.6	2.7	3.9	13	< 2.0	8.2	< 2.0
V8-7	6/11/2008		180	8.3	4.1	4.5	15	< 2.0	7.8	< 2.0
V8-7	6/11/2009		390	7.8	7.6	5.9	18	< 0.50	5.0	< 0.50
V8-8	12/18/1990		650	11	4	4.9		2	10	10
V8-8	2/6/1991		1,400	30	40	30		20	100	0.5
V6-8	4/12/1991		2,600	< 50	< 50	< 50	50	< 50	< 50	< 10
V8-8	7/25/1991		1,600	< 12	< 12	< 12	120	< 12	< 12	< 12
V8-8	7/25/1991	Dup	1,500	< 12	< 12	< 12	120	< 12	< 12	< 12

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

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640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
V8-8	10/8/1991		1,400	< 12	< 12	< 12	120	< 12	< 12	< 12
V8-8	12/11/1991		1,500	< 5	< 5	< 5		< 5	< 5	
V8-8	3/4/1992		540	< 10	< 10	< 10	86	< 10	< 10	< 10
V8-8	6/9/1992		2,500	< 5	< 5	< 5	35	< 5	< 5	< 5
V8-8	10/13/1992		320	5	2.6	< 5	60	< 1	< 1	< 1
V8-8	12/7/1992		220	< 5	< 5	< 5		< 5	< 5	
V8-8	3/5/1993		470	3.6	1.2	< 5	31	< 1	< 1	< 1
V8-8	3/5/1993	Dup	440	3	1.2	< 5	32	< 1	< 1	< 1
V8-8	6/10/1993		440	2.2	1	< 1	42	< 1	< 1	< 1
V8-8	9/8/1993		330	3.7	2.8	< 5	52	< 1	1.2	< 1
V8-8	12/8/1993		1,500	< 12	< 12	< 12	22	< 12	< 12	
V8-8	3/8/1994		2,400	< 10	< 10	< 10	< 10	< 10	< 10	< 10
V8-8	6/2/1994		650	3.1	3	< 2.5	56	< 2.5	< 2.5	< 2.5
V8-8	9/6/1994		1,700	< 5	< 5	< 5	27	< 5	< 5	< 5
V8-8	12/8/1994		1,200	< 50	< 50	< 50	50	< 50	< 50	
V8-8	12/6/1994	Dup	1,300	< 25	< 25	< 25	88	< 25	< 25	
V8-8	3/8/1995		27	< 0.5	< 0.5	< 0.5	0.81	< 0.5	< 0.5	< 0.5
V8-8	6/8/1995		48	0.56	< 0.5	< 0.5	1.2	< 0.5	< 0.5	< 0.5
V8-8	9/7/1995		44	1.4	< 0.5	< 0.5	1.4	< 0.5	< 0.5	< 0.5
V8-8	12/6/1995		90	< 5	< 5	< 5	< 5	< 5	< 5	
V8-8	3/6/1996		16	1	< 0.5	< 0.5	0.5	< 0.5	< 0.5	< 0.5
V8-8	6/10/1996		81	1.7	< 1	< 1	3.6	< 1	< 1	< 1
V8-8	9/11/1996		47	2.1	< 1	< 1	3.5	< 1	< 1	< 1
V8-8	12/11/1996		160	< 5	< 5	< 5	13	< 5	< 5	
V8-8	3/5/1997		57	1.4	< 0.5	< 0.5	4.2	< 0.5	< 0.5	< 0.5
V8-8	3/5/1997	Dup	59	1.4	< 0.5	< 0.5	4.3	< 0.5	< 0.5	< 0.5
V8-8	6/5/1997		100	3.2	2.3	1.1	7.4	< 1	< 1	< 1
V8-8	9/11/1997		110	4.1	4.8	3.7	8.7	< 1	< 1	< 1
V8-8	9/11/1997	Dup	110	2.9	4.9	3.7	7	< 1	< 1	< 1
V8-8	12/4/1997		92	3.5	4.9	3.8	4.7	< 2.5	< 2.5	< 2.5
V8-8	6/5/1998		20	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V8-8	12/11/1998		43.3	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
V8-8	6/10/1999		21.4	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
V8-8	7/29/1999		107	< 5.00	14.1	8.14	< 5.00	< 5.00	< 5.00	< 5.00
V8-8	12/10/1999		84	< 1.25	< 1.25	< 1.25	2.01	< 1.25	< 2.5	< 1.25
V8-8	6/6/2000		24	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
V8-8	12/5/2000		100	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 10	< 2.5
V8-8	6/19/2001		84	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 10	< 2.5
V8-8	8/28/2003		240	< 2.5	< 2.5	< 2.5	12	< 2.5	< 2.5	< 2.5
V8-8	6/20/2005		120	< 1.0	< 1.0	< 1.0	4.0	< 1.0	< 1.0	< 1.0
V8-8	4/7/2006		150	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
V8-8	6/27/2006		110	< 1.0	< 1.0	< 1.0	1.5	< 1.0	< 1.0	< 1.0
V8-8	6/21/2007		160	< 1.0	< 1.0	< 1.0	4.0	< 1.0	< 1.0	< 1.0
V8-8	8/14/2007		220	9.7	3.4	4.8	16	< 2.0	7.9	< 2.0
V8-8	6/11/2008		170	< 1.0	< 1.0	< 1.0	7.3	< 1.0	< 1.0	< 1.0
V8-8	6/11/2009		150	< 2.5	< 2.5	< 2.5	5.5	< 2.5	< 2.5	< 2.5
V8-8X	12/16/1999		75	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
V8-8X	8/16/2000		94	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 8.0	< 2.0
V8-8X	12/5/2000		69	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 4.0	< 1.0
V8-8X	6/22/2001		84	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 10	< 2.5
V8-8X	6/22/2001	Dup	110	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 20	< 5.0
V8-8X	6/27/2003		60	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
V8-8X	6/27/2003	Dup	97	< 0.50	< 0.50	< 0.50	1.1	< 0.50	< 0.50	< 0.50
V8-8X	8/29/2005		180	< 2.0	< 2.0	< 2.0	3.2	< 2.0	< 2.0	< 2.0
V8-8X	7/6/2007		15	< 0.50	< 0.50	< 0.50	6.3	< 0.50	< 0.50	< 0.50
V8-8X	7/6/2007	Dup	13	< 0.50	< 0.50	< 0.50	8.3	< 0.50	< 0.50	< 0.50
V8-8X	6/15/2009		170	< 0.50	3.3	0.63	4.4	< 0.50	< 0.50	< 0.50

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
V8-13B	12/13/1990									0.5
V8-13B	2/6/1991		0.5	0.3	0.4	0.3		0.2	1	1
V8-13B	4/11/1991		0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V8-13B	7/26/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V8-13B	11/1/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V8-13B	12/6/1991		< 5	< 5	< 5	< 5		< 5	< 5	
V8-13B	3/5/1992		2.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V8-13B	6/9/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V8-13B	6/9/1992	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V8-13B	10/12/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V8-13B	12/7/1992		< 5	< 5	< 5	< 5		< 5	< 5	
V8-13B	3/5/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V8-13B	6/11/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V8-13B	9/9/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V8-13B	12/6/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
V8-13B	3/8/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V8-13B	6/2/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V8-13B	9/6/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V8-13B	12/6/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
V8-13B	6/2/1995		0.97	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V8-13B	12/8/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
V8-13B	6/5/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V8-13B	1/10/1997		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
V8-13B	12/4/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V8-13B	12/11/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V8-13B	12/10/1999		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5
V8-13B	12/5/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
V8-13B	6/19/2001		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
V8-13B	6/19/2001	Dup	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
V8-13B	6/22/2004		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
V8-13B	6/20/2005		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
V8-13B	6/27/2006		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
V8-13B	6/20/2007		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
V8-13B	6/11/2008		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
V8-13B	6/11/2009		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
V8-14X	12/13/1990		990	4	4	3		2	10	0.5
V8-14X	2/6/1991		7.2	180	25	44		2	10	10
V6-14X	4/19/1991		1,300	17	< 3	< 3	15	< 3	< 3	< 3
V8-14X	4/19/1991	Dup	1,300	17	< 3	< 3	14	< 3	< 3	< 3
V8-14X	7/26/1991		1,700	72	< 5	< 25	42	< 5	< 5	< 5
V8-14X	10/7/1991		1,800	8	< 5	< 5	7	< 5	< 5	< 5
V8-14X	12/5/1991		2,000	< 10	< 10	< 10		< 10	< 10	
V8-14X	3/5/1992		1,800	< 5	< 5	< 5	< 5	< 5	< 5	< 5
V8-14X	6/10/1992		1,700	37	< 5	< 5	12	< 5	< 5	< 5
V8-14X	2/10/1993		< 50	1,200	160		1,100	< 50		
V8-14X	5/25/1993		60	1,300	180	< 5	1,400	< 5	120	< 5
V8-14X	8/24/1993		47	1,400	180	< 25	1,300	< 5	170	< 5
V8-14X	9/14/1993		63	2,000	220	< 25	1,700	< 5	200	< 5
V8-14X	9/14/1993	Dup	49	2,000	180	< 25	1,700	< 5	160	< 5
V8-14X	1/25/1994		110	2,200	280	5.5	2,200	< 5	320	
V8-14X	3/8/1994		130	3,100	300		2,500	< 10	480	< 10
V8-14X	3/8/1994	Dup	150	3,500	290		3,000	< 10	380	< 10
V8-14X	6/7/1994		140	4,600	190		2,800	< 25	560	< 25
V8-14X	6/7/1994	Dup	160	3,800	240		2,500	< 25	760	< 25
V8-14X	9/14/1994		180	3,600	160		2,000	< 10	980	< 10
V8-14X	10/17/1994		200	3,100	140		1,800	< 10	910	< 10

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

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640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
V8-14X	11/15/1994		200	2,800	100		1,400	< 12	680	< 12
V8-14X	12/18/1994		260	2,100	62		1,000	< 10	760	
V8-14X	3/6/1995		260	1,800	30		760	< 25	620	< 25
V8-22	4/19/1991		< 0.5	4	2		1	< 0.5	< 0.5	< 0.5
V8-22	7/25/1991		< 0.5	15	4.2		8.7	< 0.5	< 0.5	< 0.5
V8-22	10/7/1991		< 0.5	3.5	1.9		2.8	< 0.5	< 0.5	< 0.5
V8-22	12/9/1991		< 5	< 5	< 5	< 5		< 5	< 5	
V8-22	3/5/1992		< 5	1,100	340	< 25	1,700	< 5	9	< 5
V8-22	6/8/1992		0.7	110	19	< 2.5	140	< 0.5	1.7	< 0.5
V8-22	10/13/1992		< 25	6,200	450	< 100	4,500	< 25	610	< 25
V8-22	12/3/1992		< 500	5,000	< 500	< 500		< 500	< 500	
V8-22	3/5/1993		< 0.5	47	3.2		21	< 0.5	0.7	< 0.5
V8-22	6/11/1993		0.6	160	9.5	< 2.5	140	< 0.5	27	< 0.5
V8-22	9/9/1993		1.1	98	7.1	< 2.5	73	< 0.5	11	< 0.5
V8-22	12/13/1993		< 5	16	< 5	< 5	15	< 5	< 5	
V8-22	3/9/1994		28	580	52		800	< 2.5	30	< 2.5
V8-22	6/6/1994		6	180	20		150	< 0.5	30	< 0.5
V8-22	9/7/1994		5.1	58	8.3		56	< 0.5	14	< 0.5
V8-22	12/6/1994		< 5	8.2	< 5	< 5	13	< 5	< 5	
V8-22	3/6/1995		1.6	23	1.9		24	< 0.5	5.2	< 0.5
V8-22	6/9/1995		16	260	13		180	< 1	85	< 1
V8-22	9/8/1995		25	230	13		180	< 0.5	27	< 0.5
V8-22	12/8/1995		5.8	40	< 5		32	< 5	9.8	
V8-22	12/8/1995	Dup	5.9	41	< 5		32	< 5	9.6	
V8-22	3/7/1996		49	160	9.8	23	110	< 2.5	34	< 2.5
V8-22	3/7/1996	Dup	53	170	9.8	24	110	< 2.5	35	< 2.5
V8-22	6/8/1996		31	100	7.3	16	77	< 1	34	< 1
V8-22	9/13/1996		160	320	21	68	210	< 2.5	80	< 2.5
V8-22	9/13/1998	Dup	180	360	22	74	220	< 2.5	96	< 2.5
V8-22	12/13/1996		25	46	< 5	5.6	36	< 5	7.5	
V8-22	3/6/1997		16	29	2.5	5.2	16	< 0.5	20	< 0.5
V8-22	6/6/1997		6.9	7.8	1.3	0.45	10	< 0.5	1.6	< 0.5
V8-22	9/10/1997		39	39	4.9	5.4	45	< 0.5	6.1	< 0.5
V8-22	12/3/1997		9.3	12	2.9	3.3	10	< 0.5	6.8	< 0.5
V8-22	12/10/1998		4.49	5.34	1.02	NA	5.61	< 0.5	3.19	< 0.5
V8-22	12/10/1999		3.91	2.51	< 0.5	0.613	3.79	< 0.5	< 1	< 0.5
V8-22	12/5/2000		2.8	1.5	0.55	< 0.50	3.3	< 0.50	< 2.0	< 0.50
V8-22	8/19/2001		2.2	1.1	< 0.50	< 0.50	3.2	< 0.50	< 2.0	< 0.50
V8-22	6/25/2003		9.1	5.4	4.9	6.3	8.7	< 0.50	5.8	< 0.50
V8-22	6/20/2005		8.7	7.6	14	10	14	1.2	2.6	< 0.50
V8-22	6/20/2007		24	7.9	16	12	15	< 0.50	4.7	< 0.50
V8-22	6/11/2009		49	5.0	13	8.7	12	< 0.50	4.1	< 0.50
V-9	12/14/1990		180	60	17	29		2	10	10
V-9	4/15/1991		190	25	16	< 3	3.2	< 0.5	< 0.5	< 0.5
V-9	4/15/1991	Dup			22	4.6		0.2	1	1
V-9	4/15/1991	Dup			22	4.6		0.2	1	1
V-9	7/30/1991		34	17	14		46	< 0.5	< 0.5	< 0.5
V-9	11/1/1991		180	52	24	< 2.5	12	< 0.5	< 0.5	< 0.5
V-9	11/1/1991	Dup	180	52	24	< 2.5	12	< 0.5	< 0.5	< 0.5
V-9	12/12/1991		110	24	17			< 5	< 5	
V-9	3/4/1992		190	48	22		5	< 1	< 1	< 1
V-9	6/8/1992		130	24	17	< 2.5	3.6	< 0.5	< 0.5	< 0.5
V-9	10/13/1992		110	29	12	< 2.5	2.7	< 0.5	< 0.5	< 0.5
V-9	12/9/1992		230	60	26	< 10	7.2	< 5	< 5	
V-9	3/5/1993		77	20	14	< 2.5	2	< 0.5	< 0.5	< 0.5
V-9	6/11/1993		28	7.3	33		0.5	< 0.5	< 0.5	< 0.5

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640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
V-9	9/9/1993		1.5	< 0.5	0.52	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V-9	12/9/1993		16	< 5	28	< 5	< 5	< 5	< 5	
V-9	3/9/1994		31	2.7	25		1.6	< 0.5	< 0.5	< 0.5
V-9	6/2/1994		30	23	34		3.3	< 0.5	< 0.5	< 0.5
V-9	12/6/1994		14	< 5	8.2	< 5	9	< 5	< 5	
V-9	6/7/1995		18	11	16		1.3	< 0.5	< 0.5	< 0.5
V-9	12/6/1995		40	< 5	9.6	< 5	< 5	< 5	< 5	
V-9	6/10/1996		100	300	84	110	430	< 5	< 5	< 5
V-9	12/11/1996		110	420	130	150	790	< 25	< 25	
V-9	6/5/1997		64	110	35	33	140	< 5	< 5	< 5
V-9	12/9/1997		25	17	6.2	4.3	26	< 2.5	< 2.5	< 2.5
V-9	6/2/1998		9.6	9.8	2.3	2.2	11	< 0.5	0.74	< 0.5
V-9	12/8/1998		16.8	0.975	5.19	1.08	19.8	< 0.5	< 0.5	< 0.5
V-9	6/10/1999		6.78	4.27	2.15	1.42	6.90	< 0.500	< 0.500	< 0.500
V-9	12/10/1999		10.8	10	11.1	5.5	12.3	< 0.5	< 1	< 0.5
V-9	6/6/2000		4.8	1.5	0.75	< 0.50	2.9	< 0.50	< 0.50	< 0.50
V-9	12/7/2000		11	2.5	2.4	0.95	4.3	< 0.50	< 2.0	< 0.50
V-9	12/7/2000	Dup	11	2.6	2.4	1.0	4.3	< 0.50	< 2.0	< 0.50
V-9	6/20/2001		5.0	3.9	6.0	2.0	3.2	< 0.50	< 2.0	< 0.50
V-9	6/24/2003		6.4	1.5	2.3	1.0	4.1	< 0.50	< 0.50	< 0.50
V-9	7/5/2007		140	5.0	2.9	3.6	14	< 1.0	3.8	< 1.0
V-9	6/11/2009		830	< 10	< 10	< 10	15	< 10	< 10	< 10
V-9A1U	4/15/1991		930	9	5	< 3	7	< 3	< 3	< 3
V-9X	12/16/1999		400	55	< 13	21	55	< 13	70	< 13
V-9X	8/15/2000		570	85	11	28	72	< 10	93	< 10
V-9X	12/11/2000		550	58	< 25	< 25	49	< 25	< 100	< 25
V-9X	6/22/2001		520	33	< 25	< 25	32	< 25	< 100	48
V-9X	6/26/2003		430	20	11	11	24	< 10	17	< 10
V-9X	6/30/2005		4.4	< 2.5	16	< 2.5	500	< 2.5	< 2.5	< 2.5
V-9X	7/19/2007		54	< 2.5	7.7	3.1	180	< 2.5	< 2.5	< 2.5
V-9X	6/15/2009		2,500	< 25	< 25	< 25	< 25	< 25	< 25	< 25
V-10	12/20/1990									0.5
V-10	2/6/1991		0.7	0.3	0.4	0.3		0.2	1	0.5
V-10	7/29/1991		0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V-10	12/9/1991		< 5	< 5	< 5	< 5		< 5	< 5	
V-10	6/10/1992		0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V-10	12/6/1992		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
V-10	6/11/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V-10	12/6/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
V-10	6/2/1994		1.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V-10	12/6/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
V-10	6/6/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V-10	6/6/1995	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V-10	12/5/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
V-10	6/4/1996		0.95	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V-10	12/9/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
V-10	12/9/1996	Dup	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
V-10	12/2/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V-10	12/2/1997	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V-10	12/10/1999		3.12	0.596	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5
V-10	6/19/2001		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
V-10	6/25/2003		0.64	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
V-10	6/20/2005		1.3	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
V-10	6/20/2007		1.9	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
V-10	6/11/2009		0.89	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
V-23	4/10/1991		150	< 5	< 5	< 5	< 5	< 5	< 5	< 5
V-23	4/10/1991	Dup	100	1.5	0.9	1.8		0.2	1	1
V-23	7/29/1991		130	0.8	0.6	< 0.5	1.5	< 0.5	< 0.5	< 0.5
V-23	10/9/1991		27	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V-23	12/11/1991		62	< 5	< 5	< 5		< 5	< 5	
V-23	3/4/1992		57	1.2	< 0.5	< 0.5	1.7	< 0.5	< 0.5	< 0.5
V-23	6/8/1992		46	0.7	< 0.5	< 0.5	0.5	< 0.5	< 0.5	< 0.5
V-23	10/12/1992		66	3.9	1.4	< 2.5	5.6	< 0.5	< 0.5	< 0.5
V-23	12/8/1992		85	< 5	< 5	< 5	< 5	< 5	< 5	
V-23	3/8/1993		52	1.6	0.7		1.2	< 0.5	< 0.5	< 0.5
V-23	6/10/1993		34	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V-23	9/10/1993		37	0.65	< 0.5	< 0.5	0.54	< 0.5	< 0.5	< 0.5
V-23	9/10/1993	Dup	38	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V-23	12/9/1993		17	< 5	< 5	< 5	< 5	< 5	< 5	
V-23	12/9/1993	Dup	17	< 5	< 5	< 5	< 5	< 5	< 5	
V-23	3/9/1994		12	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V-23	6/2/1994		59	1.1	0.84		2	< 0.5	< 0.5	< 0.5
V-23	9/6/1994		21	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V-23	12/8/1994		14	< 5	< 5	< 5	< 5	< 5	< 5	
V-23	3/2/1995		10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V-23	6/7/1995		100	1.9	1.2		3	< 0.5	< 0.5	< 0.5
V-23	9/7/1995		170	2.9	1.8		< 0.5	< 0.5	< 0.5	< 0.5
V-23	12/6/1995		73	< 5	< 5	< 5	< 5	< 5	< 5	
V-23	3/6/1996		150	7.4	< 2.5	4	5.2	< 2.5	< 2.5	< 2.5
V-23	6/7/1996		30	0.68	< 0.5	0.58	0.65	< 0.5	< 0.5	< 0.5
V-23	9/12/1996		27	0.59	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V-23	12/12/1996		95	< 5	< 5	< 5	< 5	< 5	< 5	
V-23	3/6/1997		22	0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V-23	6/6/1997		18	0.74	< 0.5	< 0.5	0.61	< 0.5	< 0.5	< 0.5
V-23	9/10/1997		18	0.73	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V-23	9/10/1997	Dup	19	0.73	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V-23	12/8/1997		48	2.3	3.7	7.4	2.1	< 0.5	< 0.5	< 0.5
V-23	6/4/1998		3.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V-23	6/4/1998	Dup	4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V-23	12/10/1998		53	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
V-23	6/10/1999		36.3	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50	< 2.50
V-23	12/14/1999		47.1	1.3	< 1.25	< 1.25	< 1.25	< 1.25	< 1.25	< 1.25
V-23	6/8/2000		41	< 0.50	< 0.50	0.60	< 0.50	< 0.50	< 0.50	< 0.50
V-23	12/5/2000		50	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 *	< 4.0	< 1.0
V-23	12/5/2000	Dup	42	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 4.0	< 1.0
V-23	6/19/2001		34	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 4.0	< 1.0
V-23	6/26/2003		48	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
V-23	6/20/2005		2.5	< 0.50	1.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
V-23	6/20/2007		1.7	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
V-23	6/15/2009		1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
V-33A2D	6/15/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V-33A2D	10/13/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V-33A2D	2/25/1993		< 5	< 5	< 5	< 5		< 5		
V-33A2D	3/8/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V-33A2D	6/11/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V-33A2D	9/10/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V-33A2D	12/13/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
V-33A2D	3/9/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V-33A2D	3/9/1994	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V-33A2D	6/2/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V-33A2D	12/8/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
V-33A2D	6/2/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V-33A2D	6/2/1995	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V-33A2D	12/5/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
V-33A2D	6/4/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V-33A2D	12/10/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
V-33A2D	6/4/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V-33A2D	6/4/1997	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V-33A2D	12/9/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V-33A2D	6/4/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V-33A2D	12/9/1998		0.63	1.68	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
V-33A2D	6/10/1999		< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500
V-33A2D	7/29/1999		< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500	< 0.500
V-33A2D	12/10/1999		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5
V-33A2D	6/6/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
V-33A2D	12/5/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
V-33A2D	6/19/2001		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
V-33A2D	8/25/2003		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
V-33A2D	6/20/2005		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
V-33A2D	6/20/2007		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
V-33A2D	6/11/2009		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
VB-1	12/13/1990		66	13	4	3		2.4	10	0.5
VB-1	4/18/1991		140	14	6		6	8	< 0.5	< 0.5
VB-1	7/24/1991		120	8	4.7		7	6.2	0.9	< 0.5
VB-1	11/12/1991		97	22	6.6		6.1	4.9	< 0.5	< 0.5
VB-1	12/11/1991		110	24	7.1	< 5		< 5	< 5	
VB-1	3/6/1992		110	9.7	5.2		11	6.1	< 0.5	< 0.5
VB-1	6/5/1992		240	9.6	7.3	< 2.5	31	7.9	< 0.5	< 0.5
VB-1	9/11/1992		250	8.6	5.9		19	7.3	< 0.5	< 0.5
VB-1	12/10/1992		160	12	5.3	< 5	12	5.9	< 5	
VB-1	3/12/1993		2,000	18	7	< 25	200	34	< 5	< 5
VB-1	6/4/1993		2,000	9	3	< 25	95	26	< 2.5	< 2.5
VB-1	9/10/1993		1,000	15	6.9	< 12	48	26	< 2.5	< 2.5
VB-1	12/3/1993		410	8.1	5.8		18	11	< 5	
VB-1	3/8/1994		420	16	8.7		40	10	< 1	< 1
VB-1	6/7/1994		29	26	11		59	12	< 0.5	< 0.5
VB-1	9/9/1994		320	28	10		52	11	< 2.5	< 2.5
VB-1	12/7/1994		180	15	6.3		28	7.6	< 5	
VB-1	3/3/1995		550	21	6		63	12	< 2.5	< 2.5
VB-1	6/8/1995		830	14	< 5		71	26	< 5	< 5
VB-1	11/9/1995		350	24	8.6		43	16	0.93	< 0.5
VB-1	12/8/1995		350	37	10	< 50	68	18	< 5	
VB-1	3/7/1996		1,000	34	< 12	< 12	97	62	< 12	< 12
VB-1	9/13/1996		320	39	8.9	19	60	33	< 5	< 5
VB-1	12/13/1996		270	33	< 10	15	49	13	< 10	
VB-1	3/7/1997		440	27	7.7	14	66	30	< 5	< 5
VB-1	6/9/1997		240	28	6.4	13	47	22	< 5	< 5
VB-1	12/9/1997		170	26	5.7	11	34	11	< 5	< 5
VB-1	6/3/1998		370	< 12	< 12	< 12	53	39	< 12	< 12
VB-1	12/10/1998		250	18.4	5.81	NA	52.1	33.2	< 5	< 5
VB-1	6/8/1999		397	< 12.5	< 12.5	< 12.5	46.2	55.5	< 12.5	< 12.5
VB-1	12/8/1999		170	15.4	< 5	6.54	31.9	19.2	< 10	< 5
VB-1	6/8/2000		160	15	2.8	3.3	30	24	< 2.5	< 2.5
VB-1	12/7/2000		130	19	2.6	5.3	23	15	< 10	< 2.5
VB-1	6/21/2001		130	14	< 2.5	4.9	22	16	< 10	< 2.5
VB-1	6/27/2003		110	4.8	1.8	2.5	18	18	< 1.0	< 1.0
VB-1	6/20/2005		98	7.0	2.0	3.6	18	10	0.99	< 0.50
VB-1	6/20/2005	Dup	130	9.5	2.6	5.1	24	12	1.6	< 1.0

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
VB-1	6/14/2007		90	6.5	1.8	3.6	15	9.2	1.1	< 0.50
VB-1	6/15/2009		93	6.1	1.6	3.1	12	6.2	0.63	< 0.50
W-1A1U	4/18/1991		77	32	16		3	4	< 1	< 0.5
W-1A1U	8/27/1991		110	41	27	< 1	4.2	8.5	< 0.5	< 0.5
W-1A1U	10/8/1991		74	20	33		7	5.1	< 0.5	< 0.5
W-1A1U	12/10/1991		77	17	38			< 5	< 5	
W-1A1U	3/9/1992		120	57	22	< 1	5	8.3	< 0.5	< 0.5
W-1A1U	6/11/1992		86	40	9.7	< 1	11	6.5	< 0.5	< 0.5
W-1A1U	9/11/1992		84	22	31	< 2.5	11	2.7	< 0.5	< 0.5
W-1A-A2	12/11/1990		0.5	0.3	0.4	0.3		0.2	1	0.5
W-1A-A2	4/18/1991		4.2	3.5	1.6		< 0.5	1.5	< 0.5	< 0.5
W-1A-A2	4/18/1991	Dup	5.3	4.6	2.1		< 0.5	1.9	< 0.5	< 0.5
W-1A-A2	7/25/1991		21	14	4		< 0.5	7.5	< 0.5	< 0.5
W-1A-A2	10/7/1991		17	11	3.1		< 0.5	5.6	< 0.5	< 0.5
W-1A-A2	12/10/1991		13	7.7	< 5	< 5		7.4	< 5	
W-1A-A2	3/9/1992		7.5	7.4	2.1		< 0.5	2.6	< 0.5	< 0.5
W-1A-A2	6/11/1992		28	22	5.2		< 0.5	9.9	< 0.5	< 0.5
W-1A-A2	9/11/1992		2.9	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-2A1U	12/13/1990		28	29	4	9.8		2	10	0.5
W-2A1U	4/22/1991		91	69	4	< 3	27	1	< 0.5	< 0.5
W-2A1U	7/25/1991		87	74	4.2		37	< 1	< 1	< 1
W-2A1U	12/6/1991		90	46	< 5			< 5	< 5	
W-2A1U	6/8/1992		100	53	4.5	< 1	44	1.6	< 0.5	< 0.5
W-3A1U	12/11/1990		37	29	3.8	31		0.2	1	0.5
W-3A1U	4/18/1991		190	32	3.4	< 5	5	1.9	< 0.5	< 0.5
W-3A1U	4/18/1991	Dup		32	3.5	32		2.1	1	1
W-3A1U	4/18/1991	Dup	280	32	3.5	32		2.1	1	1
W-3A1U	7/24/1991		240	34	3.8	< 5	5.4	5.6	< 1	< 1
W-3A1U	10/8/1991		270	30	3.7	< 2.5	6.1	9.3	< 0.5	< 0.5
W-3A1U	12/10/1991		270	31	< 5	< 10		5.4	< 5	
W-3A1U	3/6/1992		200	32	3.4	< 2.5	4.6	5.8	< 0.5	< 0.5
W-3A1U	6/10/1992		210	29	2.8	< 2.5	3.9	2	< 0.5	< 0.5
W-3A1U	9/16/1992		210	31	3.3	< 2.5	4.6	6	< 0.5	< 0.5
W-3A1U	12/9/1992		250	33	< 5	< 10	< 5	< 5	< 5	
W-3A1U	3/4/1993		270	31	3.2	< 5	3	9.2	< 1	< 1
W-3A1U	6/4/1993		240	24	9.2		15	2.4	< 1	< 1
W-3A1U	9/7/1993		250	34	6.6		11	3.6	< 0.5	< 0.5
W-3A1U	12/6/1993		150	11	< 5		7.8	< 5	< 5	
W-3A1U	3/3/1994		360	35	5.1		12	2.7	< 1	< 1
W-3A1U	6/8/1994		270	50	7.7		20	3.1	< 1	< 1
W-3A1U	9/8/1994		280	35	5.6		14	4.3	< 1	< 1
W-3A1U	12/7/1994		250	33	< 5		13	< 5	< 5	
W-3A1U	3/7/1995		220	39	4.7		17	1.7	< 1	< 1
W-3A1U	6/6/1995		190	30	3.6		13	1.2	< 1	< 1
W-3A1U	9/7/1995		230	63	5.1		20	< 5	< 5	< 5
W-3A1U	12/7/1995		150	28	< 5		13	< 5	< 5	
W-3A1U	3/7/1996		200	53	5.3	21	20	< 2.5	< 2.5	< 2.5
W-3A1U	6/10/1996		180	43	< 5	19	22	< 5	< 5	< 5
W-3A1U	9/12/1996		220	48	5.6	25	24	3.4	< 2.5	< 2.5
W-3A1U	12/13/1996		180	41	< 5	19	23	< 5	< 5	
W-3A1U	3/6/1997		190	40	5	19	22	< 2.5	< 2.5	< 2.5
W-3A1U	6/6/1997		150	38	4.5	15	18	2.7	< 2.5	< 2.5
W-3A1U	12/3/1997		90	16	2.8	5.2	9.6	< 2.5	< 2.5	< 2.5
W-3A1U	6/2/1998		70	5.2	< 5	< 5	6	< 5	< 5	< 5

TABLE 4-1
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PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
W-3A1U	12/8/1998		142	16.1	< 5	7.06	8.22	< 5	< 5	< 5
W-3A1U	12/8/1998	Dup	142	16.1	< 5	6.61	7.52	< 5	< 5	< 5
W-3A1U	6/9/1999		133	13.4	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
W-3A1U	12/10/1999		152	14.9	< 5	6.66	5.67	< 5	< 10	< 5
W-3A1U	6/7/2000		110	4.6	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
W-3A1U	12/5/2000		120	7.0	< 2.5	< 2.5	2.8	< 2.5	< 10	< 2.5
W-3A1U	6/19/2001		130	6.6	< 2.5	2.7	2.6	< 2.5	< 10	< 2.5
W-3A1U	6/27/2002		140	4.6	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
W-3A1U	6/27/2002	Dup	150	5.4	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
W-3A1U	6/25/2003		93	3.6	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
W-3A1U	9/1/2004		110	3.2	< 1.0	2.8	2.7	< 1.0	< 1.0	< 1.0
W-3A1U	9/1/2004		90	3.6	< 1.0	2.7	2.4	< 1.0	< 1.0	< 1.0
W-3A1U	6/21/2005		100	4.1	0.92	2.8	3.3	< 0.50	< 0.50	< 0.50
W-3A1U	6/26/2006		87	3.4	< 1.0	2.6	3.1	< 1.0	< 1.0	< 1.0
W-3A1U	6/14/2007		150	6.5	1.5	13	4.2	< 1.0	< 1.0	< 1.0
W-3A1U	6/10/2008		140	5.3	1.3	11	3.7	< 1.0	< 1.0	< 1.0
W-3A1U	6/10/2009		130	4.0	1.1	10	3.3	< 1.0	< 1.0	< 1.0
W-4A1U/A1	12/11/1990		45	32	2.3	25		0.7	1	0.5
W-4A1U/A1	4/22/1991		270	19	2	< 5	2	< 0.5	< 0.5	< 0.5
W-4A1U/A1	7/24/1991		100	36	3.6	< 0.5	5.1	1.1	< 0.5	< 0.5
W-4A1U/A1	10/8/1991			39	4.3		4.4	< 0.5	< 0.5	< 0.5
W-4A1U/A1	11/12/1991		240	38	3.6	< 2.5	3.6	< 1	< 1	< 1
W-4A1U/A1	12/6/1991		270	36	< 5	< 10		< 5	< 5	
W-4A1U/A1	3/9/1992		190	31	3.5	< 2.5	3.9	0.9	< 0.5	< 0.5
W-4A1U/A1	6/10/1992		210	34	2.7	< 2.5	3.2	< 0.5	< 0.5	< 0.5
W-4A1U/A1	9/16/1992		220	38	3.2	< 2.5	3.1	< 0.5	< 0.5	< 0.5
W-5A1	12/13/1990		42	21	6.8	5.6		2	10	0.5
W-5A1	2/15/1991		140	84	19	17		2	10	10
W-5A1	4/16/1991			34	12			1	< 0.5	< 0.5
W-5A1	4/16/1991	Dup		37	16			1	1	1
W-5A1	4/16/1991	Dup	140	37	16	19		1	1	1
W-5A1	7/23/1991		160	60	18	< 2.5	85	< 2.5	< 2.5	< 2.5
W-5A1	10/7/1991		150	61	21	< 5	89	1.8	0.9	< 0.5
W-5A1	12/9/1991		160	51	25			< 5	< 5	
W-5A1	3/5/1992		49	23	13	< 1	66	0.8	< 0.5	< 0.5
W-5A1	6/11/1992		150	53	19	< 2.5	100	2	1	< 0.5
W-5A1	9/21/1992		160	53	18		120	1.9	0.9	< 0.5
W-5A1	12/9/1992		150	57	20		140	< 5	< 5	
W-5A1	12/9/1992	Dup	160	63	19		130	< 5	< 5	
W-5A1	3/10/1993		140	60	24		90	2.8	1.4	< 0.5
W-5A1	6/4/1993		200	48	17	< 2.5	130	1.5	< 0.5	< 0.5
W-5A1	9/8/1993		140	90	13	< 2.5	130	2.3	1.4	< 0.5
W-5A1	12/8/1993		140	70	15		120	< 5	< 5	
W-5A1	3/4/1994		180	100	17		140	3.6	< 0.5	< 0.5
W-5A1	6/8/1994		150	130	15		140	4.2	2.2	< 1
W-5A1	9/8/1994		160	100	17		120	3.3	2.9	< 0.5
W-5A1	12/7/1994		60	47	8.9		78	< 5	< 5	
W-5A1	3/7/1995		140	100	14		100	3.2	0.98	< 0.5
W-5A1	8/8/1995		130	100	14		91	3	2.8	< 0.5
W-5A1	6/6/1995	Dup	130	100	14		92	2.8	2.8	< 0.5
W-5A1	11/9/1995		160	< 5	15	< 5	100	< 5	< 5	< 5
W-5A1	12/7/1995		110	80	11		74	< 5	< 5	
W-5A1	3/7/1996		150	100	15	23	97	6.9	< 2.5	< 2.5
W-5A1	6/11/1996		110	74	12	19	69	5	4.8	< 2.5
W-5A1	9/12/1996		130	80	12	20	74	5.8	3	< 1.2
W-5A1	12/16/1996		110	87	12	17	82	< 5	5.7	

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
W-5A1	3/6/1997		120	75	11	15	71	3.4	5.9	< 2.5
W-5A1	6/9/1997		100	67	12	13	68	3.9	3.4	< 2.5
W-5A1	12/3/1997		77	38	7.6	6.2	48	< 2.5	< 2.5	< 2.5
W-6A1U	12/10/1990		42	110	11	16		2.8	13	0.5
W-6A1U	4/11/1991		59	64	9		43	< 3	< 3	< 3
W-6A1U	4/11/1991	Dup			9.2	17		2	8.1	1
W-6A1U	4/11/1991	Dup	44	62	9.2	17		2	8.1	1
W-6A1U	7/26/1991		57	72	15		59	4.4	33	< 0.5
W-6A1U	10/10/1991		68	72	17		76	6	5	< 5
W-6A1U	11/7/1991		69	57	14	< 1	89	5.5	< 0.5	< 0.5
W-6A1U	12/9/1991		76	53	16			< 5	< 5	
W-6A1U	3/9/1992		69	99	13	< 1	60	5.4	4.1	< 0.5
W-6A1U	6/4/1992		70	72	17	< 1	89	5.7	2.4	< 0.5
W-6A1U	9/18/1992		82	88	18	< 2.5	98	5.7	3.4	< 0.5
W-6A1U	12/9/1992		79	82	18		120	5.9	< 5	
W-6A1U	3/3/1993		97	100	16	< 2.5	94	5.6	3.1	< 0.5
W-6A1U	6/4/1993		90	85	9.9	< 2.5	80	4.5	3	< 0.5
W-6A1U	9/7/1993		120	110	19	< 2.5	100	7.4	4.6	< 0.5
W-6A1U	12/6/1993		130	86	24		120	7.4	7.1	
W-8A1U	3/4/1994		160	100	11		100	12	9.1	< 0.5
W-6A1U	6/8/1994		180	89	11		80	12	7	< 0.5
W-6A1U	12/7/1994		130	49	< 5		47	7.9	< 5	
W-6A1U	6/8/1995		120	41	7.5		42	5.8	3.1	< 0.5
W-6A1U	12/7/1995		140	61	18		92	6	< 5	
W-6A1U	12/7/1995	Dup	130	56	17		86	5.4	< 5	
W-6A1U	6/7/1996		150	76	15	30	92	7.8	5.5	< 1.2
W-6A1U	12/13/1996		130	46	6.2	14	54	5.6	7.2	
W-7A1U	12/10/1990		78	9.6	1.5	3.6		1.1	1.8	0.5
W-7A1U	4/11/1991		93	9	3		4	< 1	< 1	< 1
W-7A1U	7/26/1991		110	13	7.8	< 2.5	16	1.9	< 0.5	< 0.5
W-7A1U	6/7/1991		110	13	7.8	< 2.5	16	1.9	< 0.5	< 0.5
W-7A1U	11/7/1991		110	14	6.2	< 1	10	1.9	< 0.5	< 0.5
W-7A1U	11/7/1991	Dup	120	13	5.6	< 1	9.4	1.3	< 0.5	< 0.5
W-7A1U	12/6/1991		130	< 5	< 5			< 5	< 5	
W-7A1U	3/4/1992		86	16	8.2	< 2.5	18	2	< 0.5	< 0.5
W-7A1U	6/8/1992		98	56	17	< 2.5	86	2.2	0.7	< 0.5
W-7A1U	6/8/1992	Dup	100	54	17	< 1	89	2	0.6	< 0.5
W-7A1U	9/11/1992		96	54	15	< 2.5	82	2.2	1.2	< 0.5
W-7A1U	12/11/1992		94	34	8.9		60	< 5	< 5	
W-7A1U	12/11/1992	Dup	96	34	10		63	< 5	< 5	
W-7A1U	3/10/1993		97	82	24		98	2.6	1.4	< 0.5
W-7A1U	6/2/1993		95	85	14	< 2.5	110	2.6	3	< 0.5
W-7A1U	9/7/1993		120	92	12	< 2.5	100	4.7	4	< 0.5
W-7A1U	12/8/1993		120	83	20		100	6.1	7	
W-7A1U	3/4/1994		150	120	23		180	5.6	7.4	< 0.5
W-7A1U	3/4/1994	Dup	150	86	23		130	5.2	5.4	< 0.5
W-7A1U	6/2/1994		160	130	26		180	6	7.7	< 0.5
W-7A1U	9/7/1994		150	130	24		180	8.4	6.7	< 0.5
W-7A1U	12/5/1994		160	110	22		150	6.1	5.9	
W-7A1U	3/2/1995		150	120	17		150	9.2	5.3	< 0.5
W-7A1U	6/6/1995		130	100	12		110	7.2	5.6	< 0.5
W-7A1U	9/7/1995		150	84	7.4		79	6.6	4.7	< 2.5
W-7A1U	12/6/1995		100	47	< 5		50	< 5	< 5	
W-7A1U	3/7/1996		120	57	4.1	14	42	8.6	3.3	< 2.5
W-7A1U	6/10/1996		92	30	< 2.5	7.8	20	4.7	4	< 2.5
W-7A1U	9/12/1996		95	21	1.6	6.3	14	7.2	2.1	< 1.2

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
W-7A1U	12/16/1996		81	15	< 5	< 5	11	6.1	< 5	
W-7A1U	12/16/1996	Dup	81	15	< 5	< 5	11	5.9	< 5	
W-7A1U	3/6/1997		71	12	1.3	3.3	9	2.8	1.7	< 1
W-7A1U	6/6/1997		98	24	< 5	< 5	10	< 5	< 5	< 5
W-7A1U	12/3/1997		80	10	< 2.5	3.3	5.4	4.1	2.9	< 2.5
W-7A1U	6/2/1998		80	15	< 5	5	9.6	< 5	< 5	< 5
W-7A1U	12/9/1998		105	23.5	< 2.5	7.96	10.2	4.63	5.44	< 2.5
W-7A1U	6/9/1999		90.2	17.1	< 5.00	6.17	10.6	5.07	< 5.00	< 5.00
W-7A1U	12/8/1999		105	10.5	< 3.13	5.32	10.3	3.49	< 6.25	< 3.13
W-7A1U	6/7/2000		91	12	< 1.0	3.8	8.8	3.3	7.4	< 1.0
W-7A1U	12/5/2000		100	11	< 2.5	3.4	7.5	< 2.5	< 10	< 2.5
W-7A1U	6/19/2001		92	8.6	< 2.5	3.2	6.4	3.2	< 10	< 2.5
W-7A1U	6/25/2003		67	5.0	< 2.5	2.6	5.1	< 2.5	2.8	< 2.5
W-7A1U	6/22/2005		81	6.6	< 2.5	4.3	3.0	2.8	< 2.5	< 2.5
W-7A1U	6/15/2007		59	7.4	4.4	6.2	16	2.4	2.0	< 0.50
W-7A1U	6/10/2009		45	2.6	0.58	1.8	2.9	0.64	1.1	< 0.50
W-8A1U	4/22/1991		73	39	9	< 3	4	4	< 0.5	< 0.5
W-8A1U	7/25/1991		150	87	27	< 2.5	8.3	11	< 0.5	< 0.5
W-8A1U	12/9/1992		240	180	61	< 10	26	19	< 5	
W-8A1U	3/3/1993		120	84	17	< 2.5	19	5.3	< 0.5	< 0.5
W-8A1U	6/3/1993		86	72	15	< 2.5	32	5.3	< 0.5	< 0.5
W-8A1U	6/3/1993	Dup	93	74	14	< 2.5	31	4.3	< 0.5	< 0.5
W-8A1U	9/7/1993		56	96	12	< 2.5	42	2.2	0.73	< 0.5
W-8A1U	12/8/1993		77	88	13		41	< 5	< 5	
W-8A1U	3/3/1994		87	86	8.9		54	1.7	1.8	< 0.5
W-8A1U	6/8/1994		100	110	15		48	6.2	2.2	< 0.5
W-8A1U	9/6/1994		68	82	10		46	2.1	2.8	< 0.5
W-8A1U	12/7/1994		59	69	6.4		41	< 5	< 5	
W-8A1U	8/8/1995		70	68	8.6		35	2.9	4.2	< 0.5
W-8A1U	12/7/1995		38	51	5.2		33	< 5	< 5	
W-8A1U	6/10/1996		50	49	5.9		31	1.8	4.8	< 0.5
W-8A1U	12/13/1996		44	58	< 5		34	< 5	7.7	
W-9A1U/A1	12/12/1990		81	110	19	31		2.5	10	0.5
W-9A1U/A1	4/16/1991		97	88	16		110	< 2.5	< 2.5	< 2.5
W-9A1U/A1	4/16/1991	Dup		72	19			2.7	1	1
W-9A1U/A1	4/16/1991	Dup	110	72	19	29		2.7	1	1
W-9A1U/A1	7/26/1991		130	120	24		150	3.9	< 0.5	< 0.5
W-9A1U/A1	11/5/1991		140	160	< 0.5	0.7	220	4.8	< 0.5	< 0.5
W-9A1U/A1	12/5/1991		130	110	30	< 10		< 5	< 5	
W-9A1U/A1	3/5/1992		97	110	20	< 5	130	3.2	1.4	< 1
W-9A1U/A1	6/11/1992		130	110	20		150	4.8	2.3	< 0.5
W-9A1U/A1	9/18/1992		120	140	18	< 5	150	3.6	2.8	< 1
W-9A1U/A1	12/10/1992		120	150	17		190	< 5	< 5	
W-9A1U/A1	3/10/1993		130	190	19	< 5	140	4.8	3.2	< 1
W-9A1U/A1	6/2/1993		140	140	16	< 2.5	150	3.8	2	< 0.5
W-9A1U/A1	9/8/1993		130	170	13	< 2.5	120	3.8	3.9	< 0.5
W-9A1U/A1	9/8/1993	Dup	120	150	14		110	3.8	4.7	< 0.5
W-9A1U/A1	12/8/1993		120	120	13		110	< 5	5.4	
W-9A1U/A1	3/4/1994		120	110	10		88	4.8	3	< 0.5
W-9A1U/A1	6/8/1994		140	150	12		110	8.3	5.1	< 0.5
W-9A1U/A1	12/6/1994		130	110	13		88	< 5	7.1	
W-9A1U/A1	6/8/1995		92	81	9.5		64	3.6	5.2	< 0.5
W-9A1U/A1	12/7/1995		100	75	9.2	16	65	< 5	5.5	
W-9A1U/A1	6/10/1996		81	50	8	9.4	50	3.8	4.5	< 2.5
W-9A1U/A1	12/16/1996		100	73	12	14	72	< 5	7.8	
W-9A1U/A1	12/10/1997		83	34	6.6	8.5	37	4.5	5.5	< 1

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
W-10A1U	12/14/1990		67	3.5	4	3		2	10	10
W-10A1U4/	17/1991		< 1	8	4		1	3	< 1	< 1
W-10A1U7/	23/1991		120	7.6	3.2	< 1	1	3.3	< 0.5	< 0.5
W-10A1U7/	23/1991	Dup	120	7	3.1	< 1	< 0.5	3.1	< 0.5	< 0.5
W-10A1U11/	5/1991		110	7	3.9	< 2.5	1.3	3.7	< 0.5	< 0.5
W-10A1U11/	5/1991	Dup	140	8.8	4.8	< 2.5	1.5	4.5	< 0.5	< 0.5
W-10A1U12/	5/1991		140	6.4	< 5			< 5	< 5	
W-10A1U3/	10/1992		120	6.7	3.3	< 1	1.2	3.5	< 0.5	< 0.5
W-10A1U	6/8/1992		83	5.2	2.4	< 1	0.8	2.7	< 0.5	< 0.5
W-10A1U9/	16/1992		110	6.1	3.2	< 2.5	1.1	3	< 0.5	< 0.5
W-10A1U	12/11/1992		110	5.8	< 5		< 5	< 5	< 5	
W-10A1U	3/4/1993		110	5.1	2.8	< 2.5	0.7	3.1	< 0.5	< 0.5
W-10A1U	6/4/1993		90	4.2	1.6	< 2.5	< 0.5	2.7	< 0.5	< 0.5
W-10A1U	9/9/1993		59	2.8	2.8		0.7	2.1	< 0.5	< 0.5
W-10A1U12/	8/1993		84	< 5	< 5		< 5	< 5	< 5	
W-10A1U	3/4/1994		68	1.9	2.1		0.94	2	< 0.5	< 0.5
W-10A1U	6/8/1994		92	3.8	2.5		< 0.5	6.4	< 0.5	< 0.5
W-10A1U	9/8/1994		90	3.7	3.8		1.1	3.4	< 0.5	< 0.5
W-10A1U12/	7/1994		66	< 5	< 5	< 5	< 5	< 5	< 5	
W-10A1U	3/7/1995		92	2.7	3.8		1.9	3.1	< 0.5	< 0.5
W-10A1U	6/8/1995		82	3	4.2		2	2.4	< 0.5	< 0.5
W-10A1U	9/7/1995		96	6.8	6.2		3.2	3.6	< 2.5	< 2.5
W-10A1U12/	8/1995		120	< 5	7		< 5	< 5	< 5	
W-10A1U	3/7/1996		110	7	7	9.4	3.8	3.7	< 2.5	< 2.5
W-10A1U6/	11/1996		110	8	7.6	11	5.9	4.1	< 2.5	< 2.5
W-10A1U9/	12/1996		120	8	8.5	13	8.8	4.3	< 1.2	< 1.2
W-10A1U	12/13/1996		120	< 5	8.7	10	6	< 5	< 5	
W-10A1U	3/6/1997		110	7.6	7.6	9.4	5.9	3.7	< 2.5	< 2.5
W-10A1U	6/5/1997		100	9	8.6	10	6.8	4.3	< 2.5	< 2.5
W-10A1U12/	3/1997		77	8.1	4.6	7.2	5.3	4	< 2.5	< 2.5
W-10A1U	6/2/1998		67	4	< 2.5	3	3.3	< 2.5	< 2.5	< 2.5
W-10A1U	6/2/1998	Dup	72	4.3	2.6	< 2.5	3.3	< 2.5	< 2.5	< 2.5
W-10A1U12/	8/1998		59.7	5.65	2.6	5.51	4.54	< 2.5	< 2.5	< 2.5
W-10A1U	6/8/1999		98.6	12.8	< 5.00	9.52	8.37	< 5.00	< 5.00	< 5.00
W-10A1U	6/8/1999	Dup	97.6	11.1	4.68	8.77	7.55	3.72	< 2.50	< 2.50
W-10A1U	12/10/1999		66.7	12.1	2.99	5.32	5.15	2.83	< 5	< 2.5
W-10A1U	6/8/2000		69	7.8	1.8	< 1.0	3.8	2.5	< 1.0	< 1.0
W-10A1U12/	5/2000		77	12	2.4	6.6	8.2	2.9	< 4.0	< 1.0
W-10A1U6/	19/2001		56	6.9	1.4	3.4	3.5	2.5	< 4.0	< 1.0
W-10A1U6/	25/2003		48	4.1	1.1	3.1	2.1	2.2	< 1.0	< 1.0
W-10A1U6/	20/2005		25	1.9	< 0.50	1.5	1.2	0.84	< 0.50	< 0.50
W-10A1U6/	14/2007		50	2.5	0.60	2.0	1.9	1.4	< 0.50	< 0.50
W-10A1U6/	10/2009		34	0.91	< 0.50	1.0	1.5	0.88	< 0.50	< 0.50
W-11A1U	12/12/1990		100	16	4	14		2	10	0.5
W-11A1U4/	15/1991		170	22	6	< 10	4	1	< 0.5	< 0.5
W-11A1U7/	24/1991		44	4.5	1.5	< 0.5	0.9	< 0.5	< 0.5	< 0.5
W-11A1U10/	7/1991		200	21	7.9	< 5	4.5	< 0.5	< 0.5	< 0.5
W-11A1U	12/10/1991		200	13	7.7			< 5	< 5	
W-11A1U3/	10/1992		170	13	5.7	< 2.5	3.5	< 0.5	< 0.5	< 0.5
W-11A1U	6/8/1992		270	16	7.7	< 2.5	4.4	< 0.5	< 0.5	< 0.5
W-11A1U9/	18/1992		200	20	7.7	< 2.5	4.6	< 0.5	< 0.5	< 0.5
W-11A1U9/	18/1992	Dup	190	18	7.3	< 2.5	4.2	< 0.5	< 0.5	< 0.5
W-11A1U	12/11/1992		180	14	7.3		5.4	< 5	< 5	
W-11A1U	3/4/1993		160	16	9	< 2.5	3.6	< 0.5	< 0.5	< 0.5
W-11A1U	6/8/1993		140	11	11	< 2.5	4.5	< 0.5	< 0.5	< 0.5
W-11A1U	9/8/1993		120	8.9	14	< 2.5	5.6	< 0.5	< 0.5	< 0.5

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
W-11A1U12/	8/1993		120	6.3	14		5.1	< 5	< 5	
W-11A1U	3/4/1994		140	7.5	15		5.4	< 0.5	< 0.5	< 0.5
W-11A1U	6/8/1994		190	18	32		9.5	1.2	< 1	< 1
W-11A1U12/	7/1994		150	16	25		7.1	< 5	< 5	
W-11A1U	6/8/1995		170	23	18		9	< 2.5	< 2.5	< 2.5
W-11A1U12/	7/1995		< 5	< 5	< 5	< 5	< 5	9.3	< 5	
W-11A1U	6/7/1996		190	30	7.6	16	5.7	< 5	< 5	< 5
W-11A1U	12/13/1996		140	14	5.3	12	< 5	< 5	< 5	
W-11A1U12/	3/1997		130	15	3.3	8.3	3.7	< 2.5	< 2.5	< 2.5
W-11A1U12/	9/1998		146	13.2	< 2.5	6.42	< 2.5	< 2.5	< 2.5	< 2.5
W-11A1U	12/10/1999		113	6.53	< 4.17	< 4.17	< 4.17	< 4.17	< 8.33	< 4.17
W-11A1U12/	5/2000		120	4.4	< 2.5	2.5	< 2.5	< 2.5	< 10	< 2.5
W-11A1U6/	19/2001		110	3.8	< 2.5	< 2.5	< 2.5	< 2.5	< 10	< 2.5
W-11A1U6/	25/2003		63	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
W-11A1U6/	21/2005		52	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
W-11A1U6/	15/2007		45	1.1	< 0.50	1.2	0.66	< 0.50	< 0.50	< 0.50
W-11A1U6/	10/2009		45	0.75	< 0.50	0.99	0.85	< 0.50	< 0.50	< 0.50
W-11A1U6/	10/2009	Dup	48	1.0	0.55	0.84	0.79	< 0.50	< 0.50	< 0.50
W-12A1U	12/16/1990		130	10	4.6	26		750	10	10
W-12A1U	2/7/1991		110	30	40	57		3,900	100	100
W-12A1U4/	10/1991		280	< 100	< 100	< 100	< 100	6,100	< 100	< 5
W-12A1U7/	24/1991		300	18	< 12	< 12	32	3,700	< 12	< 12
W-12A1U10/	8/1991		270	12	< 12	< 25	25	2,500	< 12	< 12
W-12A1U12/	9/1991		320	< 10	< 10	< 120		3,400	< 10	
W-12A1U3/	10/1992		310	< 25	< 25	< 100	30	9,200	< 25	< 25
W-12A1U6/	15/1992		280	< 25	< 25	< 25	65	6,600	< 25	< 25
W-12A1U9/	11/1992		260	8	5	< 50	47	3,800	< 5	< 5
W-12A1U9/	11/1992	Dup	250	< 10	< 10	< 50	38	3,600	< 10	< 10
W-12A1U	12/10/1992		100	< 5	< 5	< 50	24	1,600	< 5	
W-12A1U	3/2/1993		330	< 25	< 25	< 25	75	6,900	< 25	< 25
W-12A1U	6/7/1993		460	12	< 10	< 50	220	3,200	< 10	< 10
W-12A1U	9/8/1993		210	6.5	< 5	< 25	42	2,300	< 5	< 5
W-12A1U12/	6/1993		200	< 10	< 10		22	1,400	< 10	
W-12A1U	3/2/1994		300	9.8	7.4		35	2,000	< 5	< 5
W-12A1U	6/8/1994		130	7.2	< 5	< 5	17	1,200	< 5	< 5
W-12A1U	6/8/1994	Dup	120	9.1	< 5	< 5	17	1,300	< 5	< 5
W-12A1U	9/8/1994		200	8.9	< 5		8.5	1,200	< 5	< 5
W-12A1U12/	6/1994		100	< 12	< 12	< 12	< 12	430	< 12	
W-12A1U	3/7/1995		240	< 25	< 25	< 25	< 25	2,400	< 25	< 25
W-12A1U	6/7/1995		140	< 10	< 10	< 10	< 10	1,200	< 10	< 10
W-12A1U	9/7/1995		250	< 50	< 50	< 50	< 50	680	< 50	< 50
W-12A1U	11/17/1995		150	16	< 5		6	240	< 5	< 5
W-12A1U	12/11/1995		130	11	< 5		5.2	190	< 5	
W-12A1U	3/7/1996		250	28	< 12	< 12	39	670	< 12	< 12
W-12A1U-R	6/10/1996		180	11	6.2	13	27	380	< 5	< 5
W-12A1U-R	9/13/1996		140	19	5.7	11	45	190	< 5	< 5
W-12A1U-R	12/16/1996		110	6.4	< 5	7.8	< 5	66	< 5	
W-12A1U-R	3/7/1997		100	11	2.6	6.8	< 2.5	47	< 2.5	< 2.5
W-12A1U-R	6/9/1997		71	7	2.9	6.1	3	32	< 0.5	< 0.5
W-12A1U-R	9/11/1997		100	9.8	2.6	6.8	3	50	< 1	< 1
W-12A1U-R	12/3/1997		61	6	1.8	4.3	1.5	10	< 1	< 1
W-12A1U-R	6/2/1998		120	7.7	< 5	6.4	< 5	11	< 5	< 5
W-12A1U-R	12/8/1998		79.7	5.44	< 2.5	4.71	< 2.5	15.9	< 2.5	< 2.5
W-12A1U-R	8/8/1999		93.7	7.17	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
W-12A1U-R	12/14/1999		81.6	< 3.13	< 3.13	3.63	< 3.13	5.48	< 3.13	< 3.13
W-12A1U-R	6/7/2000		48	1.8	< 0.50	1.6	< 0.50	6.2	< 2.0	< 0.50

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
W-12A1U-R	12/5/2000		80	3.4	< 1.0	< 1.0	< 1.0	10	< 4.0	< 1.0
W-12A1U-R	6/19/2001		40	1.5	< 0.50	< 0.50	2.1	3.4	< 2.0	< 0.50
W-12A1U-R	6/25/2003		58	3.6	0.68	2.2	2.7	4.1	< 0.50	< 0.50
W-12A1U-R	6/20/2005		51	1.6	< 0.50	1.6	2.2	14	< 0.50	< 0.50
W-12A1U-R	6/14/2007		57	1.2	< 0.50	1.4	1.7	11	< 0.50	< 0.50
W-12A1U-R	6/10/2009		45	0.70	< 0.50	0.79	< 0.50	7.9	< 0.50	< 0.50
W-13A2	12/17/1990		0.5	0.3	0.4	0.3		0.2	1	1
W-13A2	4/17/1991		1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-13A2	7/23/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-13A2	11/5/1991		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-13A2	12/5/1991		< 5	< 5	< 5	< 5		< 5	< 5	
W-13A2	3/12/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-13A2	6/11/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-13A2	9/17/1992		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-13A2	12/10/1992		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
W-13A2	3/5/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-13A2	6/7/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-13A2	9/9/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-13A2	12/8/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
W-13A2	3/4/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-13A2	6/8/1994		1.4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-13A2	9/8/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-13A2	9/8/1994	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-13A2	12/7/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
W-13A2	3/7/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-13A2	6/5/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-13A2	9/5/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 0.5
W-13A2	12/5/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
W-13A2	3/5/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-13A2	6/5/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-13A2	6/5/1996	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-13A2	9/11/1996		< 0.5	< 0.5	0.66	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-13A2	12/10/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
W-13A2	6/5/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-13A2	12/3/1997		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-13A2	6/2/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-13A2	12/8/1998		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-13A2	12/8/1998	Dup	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-13A2	6/8/1999		96.6	< 5.00	< 5.00	8.92	7.43	< 5.00	< 5.00	< 5.00
W-13A2	12/10/1999		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5
W-13A2	6/8/2000		0.94	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
W-13A2	6/8/2000	Dup	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
W-13A2	12/5/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
W-13A2	6/19/2001		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
W-13A2	6/27/2002		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
W-13A2	6/25/2003		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
W-13A2	6/22/2004		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
W-13A2	6/20/2005		< 0.50	< 0.50	1.4	< 0.50	0.73	< 0.50	< 0.50	< 0.50
W-13A2	6/27/2006		< 0.50	< 0.50	1.1	< 0.50	0.67	< 0.50	< 0.50	< 0.50
W-13A2	6/14/2007		< 0.50	< 0.50	1.6	< 0.50	1.0	< 0.50	< 0.50	< 0.50
W-13A2	6/10/2008		< 0.50	< 0.50	0.70	< 0.50	0.68	< 0.50	< 0.50	< 0.50
W-13A2	6/10/2009		< 0.50	< 0.50	1.6	< 0.50	1.2	< 0.50	< 0.50	< 0.50
W-14A1U/A1	12/18/1990		140	14	4	16		66	10	10
W-14A1U/A1	4/15/1991		210	18	3		19	88	< 0.5	< 0.5
W-14A1U/A1	4/15/1991	Dup	220	18	3	< 10	19	92	< 0.5	< 0.5
W-14A1U/A1	7/23/1991		230	18	3	< 2.5	18	130	< 1	< 1

TABLE 4-1
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640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
W-14A1U/A1	10/8/1991		290	18	< 0.5	< 5	26	120	< 0.5	< 0.5
W-14A1U/A1	12/5/1991		250	17	< 5	< 10		130	< 5	
W-14A1U/A1	3/10/1992		150	9.1	2.6	< 2.5	12	51	< 0.5	< 0.5
W-14A1U/A1	6/4/1992		200	10	2.5	< 2.5	12	64	< 0.5	< 0.5
W-14A1U/A1	9/16/1992		260	17	2.6	< 5	19	110	< 1	< 1
W-14A1U/A1	12/14/1992		250	13	< 5	< 8.4	24	99	< 5	
W-14A1U/A1	3/3/1993		220	15	3.2	< 5	6	68	< 1	< 1
W-14A1U/A1	6/3/1993		260	14	1.8	< 5	7.6	56	< 1	< 1
W-14A1U/A1	9/7/1993		290	16	2.6		55	170	< 1	< 1
W-14A1U/A1	12/8/1993		260	11	< 5		38	210	< 5	
W-14A1U/A1	3/3/1994		340	18	3.9		21	280	< 1	< 1
W-14A1U/A1	8/8/1994		360	22	7		21	280	< 1	< 1
W-14A1U/A1	9/6/1994		180	10	5		15	110	< 1	< 1
W-14A1U/A1	12/7/1994		110	< 5	< 5		7.9	65	< 5	
W-14A1U/A1	3/7/1995		200	13	4.8		5.6	60	< 1	< 1
W-14A1U/A1	6/7/1995		180	19	2.2		2.5	22	< 1	< 1
W-14A1U/A1	11/9/1995		130	< 5	< 5	5	< 5	34	< 5	< 5
W-14A1U/A1	11/9/1995	Dup	150	12	< 5		5.2	33	< 5	< 5
W-14A1U/A1	12/7/1995		140	18	6.3		< 5	< 5	< 5	
W-14A1U/A1	3/7/1996		160	26	3.8	12	4.6	16	< 2.5	< 2.5
W-14A1U/A1	6/10/1998		190	24	< 5	13	5.9	12	< 5	< 5
W-14A1U/A1	9/12/1996		190	26	4.4	15	28	15	< 2.5	< 2.5
W-14A1U/A1	12/13/1996		120	12	< 5	8.2	39	15	< 5	
W-14A1U/A1	3/6/1997		160	23	3.5	13	17	15	< 2.5	< 2.5
W-14A1U/A1	6/6/1997		150	30	4.6	16	18	32	< 2.5	< 2.5
W-14A1U/A1	9/11/1997		130	22	3.4	11	16	26	< 2.5	< 2.5
W-14A1U/A1	12/9/1997		51	7.2	< 2.5	4	6	10	< 2.5	< 2.5
W-16A1	9/18/1992		380	100	< 50	< 250	< 50	14,000	< 50	< 50
W-16A1	12/15/1992		320	75	8.7			10,000	< 5	
W-16A1	3/5/1993		110	36	< 10	< 50	10	5,200	< 10	< 10
W-16A1	6/4/1993		180	39	< 5	< 50	17	3,700	< 5	< 5
W-16A1	9/8/1993		110	18	< 10	< 50	< 10	3,800	< 10	< 10
W-16A1	12/6/1993		150	32	< 25		< 25	5,100	< 25	
W-16A1	3/2/1994		210	39	< 10		22	4,100	< 10	< 10
W-16A1	6/8/1994		140	50	< 25	< 25	< 25	4,500	< 25	< 25
W-16A1	9/8/1994		190	33	< 10		12	3,900	< 10	< 10
W-16A1	12/6/1994		210	< 50	< 50	< 50	< 50	3,300	< 50	
W-16A1	3/7/1995		150	15	< 10		13	2,900	< 10	< 10
W-16A1	3/7/1995	Dup	160	13	< 10		12	2,900	< 10	< 10
W-16A1	6/8/1995		180	35	< 10		< 10	1,900	< 10	< 10
W-16A1	9/8/1995		310	77	< 50	< 50	< 50	2,900	< 50	< 50
W-16A1	11/17/1995		180	49	< 10		16	1,900	< 10	< 10
W-16A1	12/11/1995		170	35	< 5	< 5	18	3,000	< 5	< 5
W-16A1	4/4/1996		310	81	< 50	< 50	54	2,400	< 50	< 50
W-16A1	6/11/1996		150	44	< 25	< 25	40	1,300	< 25	< 25
W-16A1	6/11/1996	Dup	150	44	< 25	< 25	40	1,300	< 25	< 25
W-16A1	9/13/1996		320	72	< 12	38	14	860	< 12	< 12
W-16A1	12/16/1996		230	41	< 25	< 25	< 25	560	< 25	
W-16A1	3/7/1997		310	39	< 10	17	12	460	< 10	< 10
W-16A1	6/9/1997		82	11	< 5	< 5	6.8	41	< 5	< 5
W-16A1	9/11/1997		220	24	5.8	11	9.1	110	< 2.5	< 2.5
W-16A1	9/11/1997	Dup	230	25	5.9	12	9.1	110	< 2.5	< 2.5
W-16A1	12/4/1997		140	19	4.5	12	6.6	68	1.3	< 1.2
W-16A1	6/2/1998		130	9.3	< 5	5.3	< 5	35	< 5	< 5
W-16A1	12/11/1998		130	15.4	3.96	10.5	6.15	40.8	< 2.5	< 2.5
W-16A1	6/8/1999		223	21.4	< 5.00	13.0	7.39	48.4	< 5.00	< 5.00
W-16A1	6/6/1999	Dup	224	22.3	< 10.0	14.4	< 10.0	49.6	< 10.0	< 10.0

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
W-16A1	12/10/1999		135	16.1	< 5	9.23	6.02	34.9	< 10	< 5
W-16A1	12/10/1999	Dup	133	15.2	< 5	8.87	5.81	32.9	< 10	< 5
W-16A1	6/8/2000		150	6.0	< 5.0	< 5.0	< 5.0	45	< 5.0	< 5.0
W-16A1	12/5/2000		190	14	3.6	9.6	9.6	35	< 10	< 2.5
W-16A1	6/19/2001		150	11	2.8	7.5	7.8	140	< 10	< 2.5
W-16A1	6/26/2003		110	10	< 2.5	6.8	6.7	310	< 2.5	< 2.5
W-16A1	6/20/2005		85	12	< 10	< 10	< 10	620	< 10	< 10
W-16A1	6/14/2007		67	< 10	< 10	< 10	< 10	840	< 10	< 10
W-16A1	6/10/2009		51	< 10	< 10	< 10	< 10	630	< 10	< 10
W-17A2	9/17/1992		3	0.7	0.9		< 0.5	48	< 0.5	< 0.5
W-17A2	12/15/1992		< 5	< 5	< 5	< 5		14	< 5	
W-17A2	3/5/1993		3.4	< 0.5	2.5		0.6	18	< 0.5	< 0.5
W-17A2	6/7/1993		3.6	< 0.5	1.4		0.6	16	< 0.5	< 0.5
W-17A2	9/8/1993		3.7	< 0.5	1.4		0.68	14	< 0.5	< 0.5
W-17A2	12/6/1993		< 5	< 5	< 5	< 5	< 5	12	< 5	
W-17A2	3/2/1994		5.3	< 0.5	1.7		1	17	< 0.5	< 0.5
W-17A2	6/8/1994		3.1	< 0.5	1.7		0.68	18	< 0.5	< 0.5
W-17A2	9/6/1994		4.2	< 0.5	1.3		< 0.5	15	< 0.5	< 0.5
W-17A2	12/6/1994		< 5	< 5	< 5	< 5	< 5	12	< 5	
W-17A2	3/7/1995		3.2	< 0.5	1		0.56	13	< 0.5	< 0.5
W-17A2	6/5/1995		3.1	< 0.5	1.2		0.66	12	< 0.5	< 0.5
W-17A2	9/6/1995		0.86	0.93	< 0.5	< 0.5	< 0.5	3.3	< 0.5	< 0.5
W-17A2	12/7/1995		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
W-17A2	3/5/1996		3.5	< 0.5	1.6	0.69	0.89	13	< 0.5	< 0.5
W-17A2	6/7/1996		2.8	< 0.5	1.5	0.73	0.88	9.3	< 0.5	< 0.5
W-17A2	6/7/1996	Dup	2.5	< 0.5	1.3	0.6	0.77	8.3	< 0.5	< 0.5
W-17A2	9/11/1996		3.5	< 0.5	2	1.4	1.4	12	< 0.5	< 0.5
W-17A2	12/12/1996		< 5	< 5	< 5	< 5	< 5	7.5	< 5	
W-17A2	3/5/1997		3.2	< 0.5	0.82	0.62	1.1	7.9	< 0.5	< 0.5
W-17A2	6/9/1997		3.8	< 0.5	0.97	0.85	1.5	9.9	< 0.5	< 0.5
W-17A2	9/10/1997		2.8	< 0.5	< 0.5	< 0.5	1.6	5.1	< 0.5	< 0.5
W-17A2	12/9/1997		2	< 0.5	< 0.5	< 0.5	1.2	2.3	< 0.5	< 0.5
W-17A2	6/2/1998		1.8	< 0.5	< 0.5	< 0.5	2.1	5.4	< 0.5	< 0.5
W-17A2	12/9/1998		0.789	< 0.5	< 0.5	< 0.5	1.48	< 0.5	< 0.5	< 0.5
W-17A2	6/8/1999		1.49	< 0.500	< 0.500	< 0.500	1.83	2.18	< 0.500	< 0.500
W-17A2	12/10/1999		< 0.5	< 0.5	< 0.5	< 0.5	0.506	< 0.5	< 1	< 0.5
W-17A2	6/8/2000		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
W-17A2	12/5/2000		2.1	< 0.50	< 0.50	< 0.50	2.6	2.5	< 2.0	< 0.50
W-17A2	12/5/2000	Dup	2.1	< 0.50	< 0.50	< 0.50	2.5	2.6	< 2.0	< 0.50
W-17A2	6/19/2001		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 0.50
W-17A2	6/25/2003		1.7	< 0.50	< 0.50	< 0.50	2.7	1.4	< 0.50	< 0.50
W-17A2	6/20/2005		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
W-17A2	6/14/2007		< 0.50	< 0.50	< 0.50	< 0.50	1.8	< 0.50	< 0.50	< 0.50
W-17A2	6/10/2009		< 0.50	< 0.50	< 0.50	< 0.50	1.5	< 0.50	< 0.50	< 0.50
W-18A1U	12/14/1992		120	65	5.6		54	< 5	< 5	
W-18A1U	12/14/1992	Dup	100	57	5.6		49	< 5	< 5	
W-18A1U	3/3/1993		120	66	6.6	< 2.5	37	< 0.5	< 0.5	< 0.5
W-18A1U	6/3/1993		100	66	5.6	< 2.5	49	< 0.5	< 0.5	< 0.5
W-18A1U	9/8/1993		96	80	5.8	< 2.5	47	< 0.5	< 0.5	< 0.5
W-18A1U12/	6/1993		93	54	7.2		54	< 5	< 5	
W-18A1U	6/8/1994		120	93	9.2		86	0.63	1.3	< 0.5
W-19A2	12/15/1992		< 5	< 5	< 5	< 5		< 5	< 5	
W-19A2	12/15/1992	Dup	< 5	< 5	< 5	< 5		< 5	< 5	
W-19A2	3/4/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-19A2	6/3/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.6	< 0.5	< 0.5

TABLE 4-1
SELECTED COMPOUNDS FROM HISTORICAL RECORDS

THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

Location	Date	Type	TCE	1,1,1-TCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	Freon 113	1,2-DCB
W-19A2	9/8/1993		0.85	< 0.5	< 0.5	< 0.5	< 0.5	14	< 0.5	< 0.5
W-19A2	12/6/1993		< 5	< 5	< 5	< 5	< 5	10	< 5	
W-19A2	3/3/1994		0.81	< 0.5	< 0.5	< 0.5	< 0.5	9.3	< 0.5	< 0.5
W-19A2	6/8/1994		1.9	< 0.5	< 0.5	< 0.5	< 0.5	15	< 0.5	< 0.5
W-19A2	12/7/1994		< 5	< 5	< 5	< 5	< 5	12	< 5	
W-19A2	6/5/1995		2.7	< 0.5	< 0.5	< 0.5	0.53	18	< 0.5	< 0.5
W-19A2	6/5/1995	Dup	2.7	< 0.5	< 0.5	< 0.5	0.52	16	< 0.5	< 0.5
W-19A2	12/7/1995		180	16	7		7.1	< 5	< 5	
W-19A2	1/2/1996		< 5	< 5	< 5	< 5	< 5	18	< 5	
W-19A2	6/7/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-19A2	1/10/1997		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
W-19A2	12/5/1997		1.2	< 0.5	< 0.5	< 0.5	< 0.5	8.1	< 0.5	< 0.5
W-19A2	12/9/1998		0.74	< 0.5	< 0.5	< 0.5	< 0.5	3.82	< 0.5	< 0.5
W-19A2	12/10/1999		69.9	< 2.5	< 2.5	< 2.5	7.81	7.72	< 5	< 2.5
W-19A2	12/5/2000		47	< 1.0	< 1.0	< 1.0	4.0	3.2	< 4.0	< 1.0
W-19A2	6/20/2001		34	< 1.0	< 1.0	< 1.0	3.5	4.6	< 4.0	< 1.0
W-19A2	6/20/2001	Dup	32	< 1.0	< 1.0	< 1.0	2.9	4.5	< 4.0	< 1.0
W-19A2	6/27/2002		8.4	< 0.50	< 0.50	< 0.50	1.1	7.3	< 0.50	< 0.50
W-19A2	8/24/2003		8.2	< 0.50	< 0.50	< 0.50	1.4	3.1	< 0.50	< 0.50
W-19A2	6/24/2003	Dup	7.5	< 0.50	< 0.50	< 0.50	1.3	2.7	< 0.50	< 0.50
W-19A2	9/1/2004		3.7	< 0.50	< 0.50	< 0.50	0.76	2.7	< 0.50	< 0.50
W-19A2	9/1/2004		8.5	< 0.50	< 0.50	< 0.50	2.5	< 0.50	< 0.50	< 0.50
W-19A2	9/2/2004	Dup	6.3	< 0.50	< 0.50	< 0.50	1.2	4.5	< 0.50	< 0.50
W-19A2	6/21/2005		7.5	< 0.50	< 0.50	< 0.50	2.0	< 0.50	< 0.50	< 0.50
W-19A2	6/28/2006		6.6	< 0.50	< 0.50	< 0.50	3.1	< 0.50	< 0.50	< 0.50
W-19A2	6/14/2007		5.2	< 0.50	< 0.50	< 0.50	2.7	< 0.50	< 0.50	< 0.50
W-19A2	6/10/2008		3.0	< 0.50	< 0.50	< 0.50	1.7	2.1	< 0.50	< 0.50
W-19A2	6/10/2009		2.4	< 0.50	< 0.50	< 0.50	1.7	< 0.50	< 0.50	< 0.50
W-20B	12/14/1992		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
W-20B	3/2/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-20B	6/2/1993		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-20B	9/9/1993		0.53	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-20B	12/6/1993		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
W-20B	3/2/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-20B	6/8/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-20B	9/8/1994		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-20B	12/7/1994		< 5	< 5	< 5	< 5	< 5	< 5	< 5	
W-20B	3/7/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-20B	6/2/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-20B	9/5/1995		0.54	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-20B	12/6/1995		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-20B	3/4/1996		2.4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-20B	6/5/1996		0.77	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-20B	9/10/1996		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
W-20B	12/10/1996		< 5	< 5	< 5	< 5	< 5	< 5	< 5	

Abbreviations:
TCE = Trichloroethene
1,1,1-TCA = 1,1,1-trichloroethene
1,1-DCA = 1,1 dichloroethane
1,1-DCE = 1,1-dichloroethene
cis-1,2-DCE = cis-1,2-dichloroethene
PCE = tetrachloroethene (perchloroethene)
Freon 113 = 1,1,2-Trichloro-1,2,2-Trifluoroethane
1,2-DCB = 1,2-Dichlorobenzene

TABLE 5-1
SUMMARY OF GROUNDWATER VOC MASS AND VOLUME REMOVAL

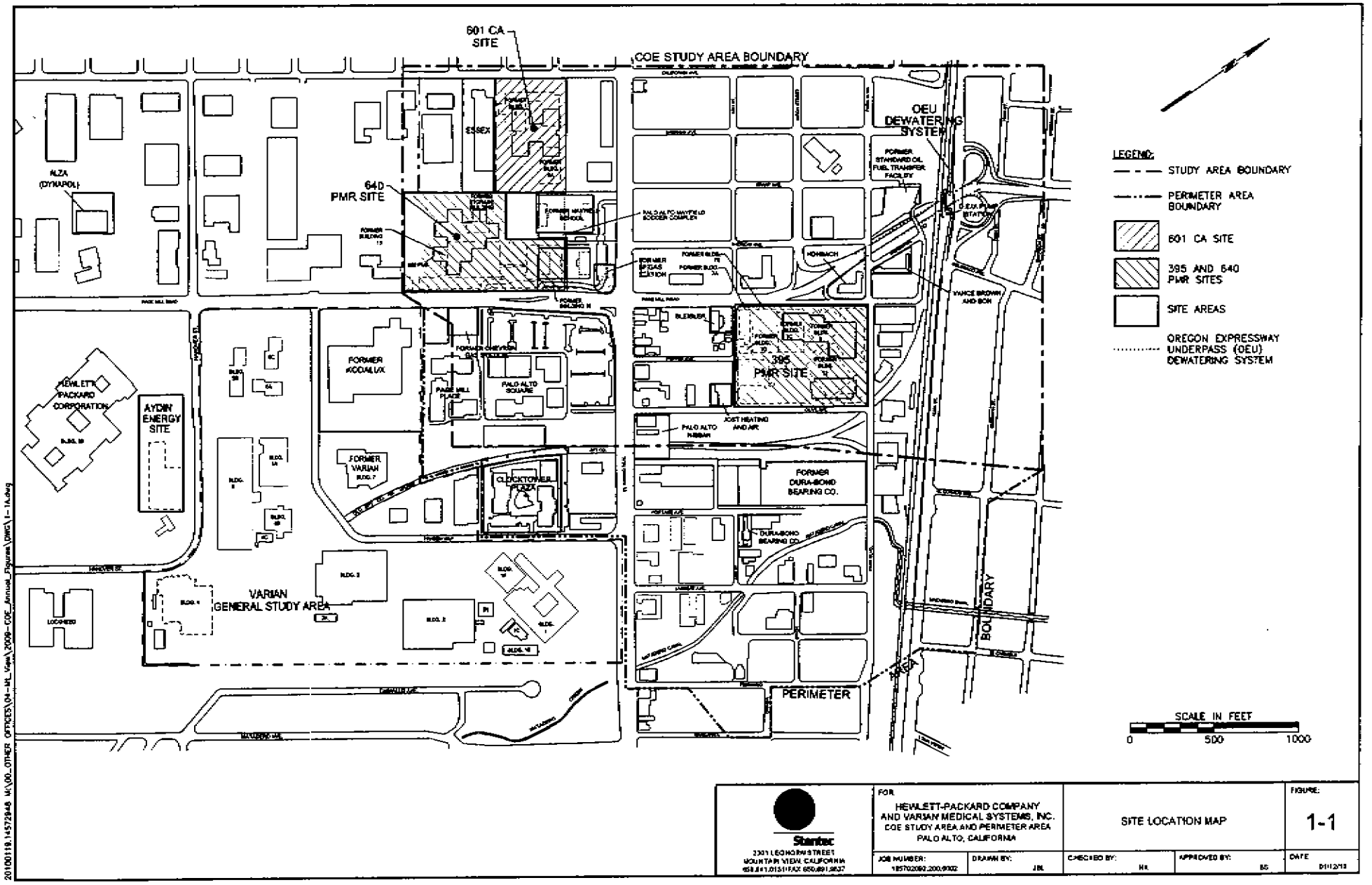
THIRD FIVE-YEAR STATUS REPORT AND EFFECTIVENESS EVALUATION
640 PAGE MILL ROAD, 395 PAGE MILL ROAD, 601 CALIFORNIA AVENUE
AND THE OFF-SITE AREA
PALO ALTO, CALIFORNIA

		Pre - 1995	1995-1999	2000-2004	2005	2006	2007	2008	2009	2005-2009	Totals
640 Page Mill Road [1][4]	VOC Mass (pounds)	1,106	900	503	102	12	21	435	309	880	3,388
(EW-4, EW-5, EW-6, EW-7)	Water Volume (gallons)	13,331,390	69,965,950	67,521,853	14,490,995	4,126,110	6,273,108	9,408,394	9,491,493	43,790,100	194,609,293
	Average Annual Flow Rate (gpd)	--	38,338	36,998	39,701	11,304	17,187	25,776	26,004	23,996	33,110
	Mass:Volume (lbs\10^6 gal.) [3]	82.9	12.9	7.4	7.1	3.0	3.4	46.2	32.6	20.1	17.4
395 Page Mill Road	VOC Mass (pounds)	--	337	130	0	0	0	0	0	0	467
	Water Volume (gallons)	--	35,839,200	29,219,900	0	0	0	0	0	0	65,059,100
	Average Annual Flow Rate (gpd)	--	25,232	17,624	0	0	0	0	0	0	21,426
	Mass:Volume (lbs\10^6 gal.)	--	9.1	4.5							7.1
601 California Avenue	VOC Mass (pounds)	1,086	411	296	0	0	0	0	0	0	1,793
	Water Volume (gallons)	79,058,540	60,875,640	46,985,211	0	0	0	0	0	0	186,919,391
	Average Annual Flow Rate (gpd)	--	33,357	28,966	0	0	0	0	0	0	31,151
	Mass:Volume (lbs\10^6 gal.)	13.7	6.7	6.3							9.6
COE Area [4]	VOC Mass (pounds)	--	231	451	172	57	111	170	198	707	1,390
(EW-1, EW-2, EW-8, EW-9,	Water Volume (gallons)	--	50,316,141	48,826,334	11,300,067	3,026,579	4,972,985	3,744,008	5,740,115	28,783,754	127,924,229
and EW-10)	Average Annual Flow Rate (gpd)	--	27,570	26,754	46,502	12,455	20,466	15,407	23,622	23,690	26,005
	Mass:Volume (lbs\10^6 gal.)	--	4.6	9.2	15.2	18.8	22.3	45.3	34.5	24.6	10.9
Perimeter Area [5]	VOC Mass (pounds)	--	159	117	16	7	3	13	13	52	327
(EW-12, EW-13, EW-14,					37% / 63% [2]	18% / 82%	0% / 100%	0% / 100%	0% / 100%		
EW-15, EW-16)	Water Volume (gallons)	--	107,471,212	130,484,332	22,056,509	6,908,014	1,985,684	6,610,504	7,641,636	47,202,357	285,157,901
					72% / 27%	35% / 65%	0% / 100%	0% / 100%	0% / 100%		
	Average Annual Flow Rate (gpd)	--	58,888	71,498	90,768	36,658	8,172	27,204	31,447	38,850	56,412
	Mass:Volume (lbs\10^6 gal.)	--	1.5	0.9	0.7	0.8	1.6	1.9	1.7	1.1	1.1
OEU Dewatering [6]	VOC Mass (pounds)	1,247	3,426	477	128	116	90	99	74	508	5,657
System	Water Volume (gallons)	235,423,590	620,191,862	751,333,416	183,815,543	157,038,835	146,493,026	170,511,091	152,754,623	812,613,120	2,419,581,990
	Average Annual Flow Rate (gpd)	--	339,831	411,690	756,443	646,250	611,082	701,692	628,620	668,817	473,445
	Mass Volume (lbs\10^6 gal.)	5.3	5.5	0.6	0.7	0.7	0.6	0.6	0.5	0.6	2.3
Totals [3]	VOC Mass (pounds)	3,439	5,465	1,974	418	192	225	716	595	2,147	13,024
	Water Volume (gallons)	327,813,520	945,659,005	1,074,370,048	231,663,114	173,099,538	161,724,815	190,273,997	175,627,867	932,389,331	3,280,231,904
	Average Annual Flow Rate (gpd)	--	523,216	593,530	933,414	706,668	656,906	770,079	709,693	755,352	624,033
	Mass Volume (lbs\10^6 gal.)	10.5	5.8	1.8	1.8	1.1	1.4	3.8	3.4	2.3	4.0

Notes:
1) The reporting period is from September 1, 2005 through December 31, 2009. For the purpose of figures 2005 values are reported in the current reporting period
2) Percentage of total for wells EW-12 through EW-14/ percentage of total for wells EW-15 and EW-16.
3) Mass to volume ratios calculated as total mass (pounds) divided by total volume (millions of gallons).
4) VOC mass for the 640 Page Mill Road Site and the COE Area is calculated by taking the VOC concentration for the individual wells multiplied by the annual flow volume.
5) VOC mass for the Perimeter Area is calculated by taking the period flow volume multiplied by the period sanitary sewer discharge VOC results for EW-15 and EW-16. EW-12, EW-13 and EW-14 VOC mass was calculated by taking the VOC concentration for the individual wells multiplied by the annual flow volume.
6) VOC mass for the OEU Dewatering System is calculated by taking the period total influent VOC concentration multiplied by the period storm drain and sanitary sewer flow volume.

Abbreviations:
gpd = gallons per day
lbs = pounds
gal = gallons

FIGURES



Stantec 2301 LEGHORN STREET MOUNTAIN VIEW, CALIFORNIA 650.691.0131 FAX 650.691.9837	FOR HEWLETT-PACKARD COMPANY AND VARIAN MEDICAL SYSTEMS, INC. COE STUDY AREA AND PERIMETER AREA PALO ALTO, CALIFORNIA	SITE LOCATION MAP	FIGURE: 1-1
	JOB NUMBER: 185702092.200.9002 / DRAWN BY: JBL	CHECKED BY: HK / APPROVED BY: BS	DATE 01/12/10

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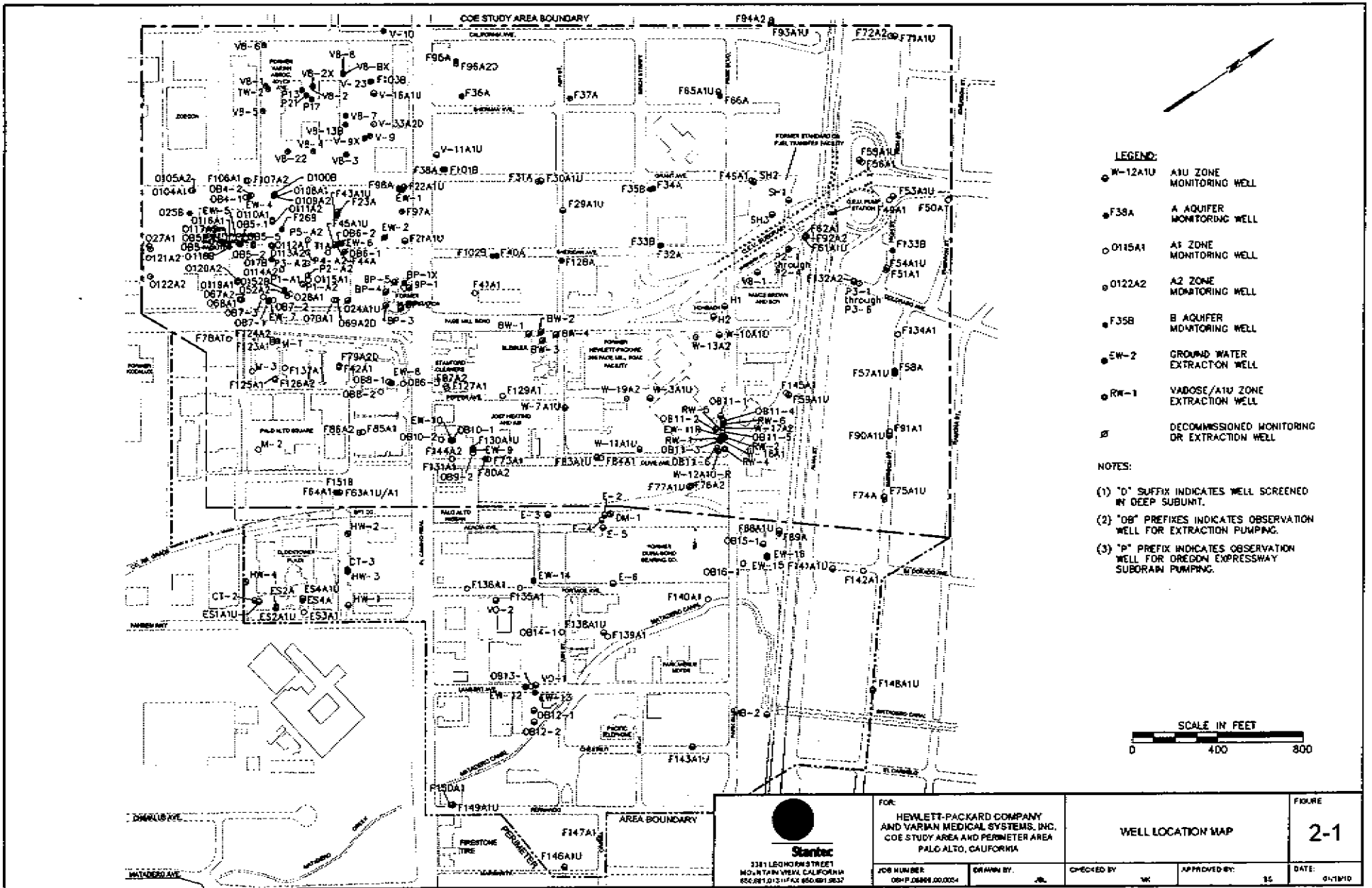
COE STUDY AREA BOUNDARY
AREA BOUNDARY
LEGEND:
W-12A1U A1U ZONE MONITORING WELL
F38A A AQUIFER MONITORING WELL
O115A1 A1 ZONE MONITORING WELL
O122A2 A2 ZONE MONITORING WELL
F35B B AQUIFER MONITORING WELL
EW-2 GROUND WATER EXTRACTION WELL
RW-1 VADOSE/A1U ZONE EXTRACTION WELL
DECOMMISSIONED MONITORING OR EXTRACTION WELL
NOTES:
(1) "D" SUFFIX INDICATES WELL SCREENED IN DEEP SUBUNIT.
(2) "OB" PREFIXES INDICATES OBSERVATION WELL FOR EXTRACTION PUMPING.
(3) "P" PREFIX INDICATES OBSERVATION WELL FOR OREGON EXPRESSWAY SUBDRAIN PUMPING.
SCALE IN FEET
0
400
800
Stantec
3381 LEGHORN STREET
MOUNTAIN VIEW, CALIFORNIA
FOR:
HEWLETT-PACKARD COMPANY AND VARIAN MEDICAL SYSTEMS, INC.
COE STUDY AREA AND PERIMETER AREA
PALO ALTO, CALIFORNIA
WELL LOCATION MAP
FIGURE
2-1
JOB NUMBER
DRAWN BY
CHECKED BY
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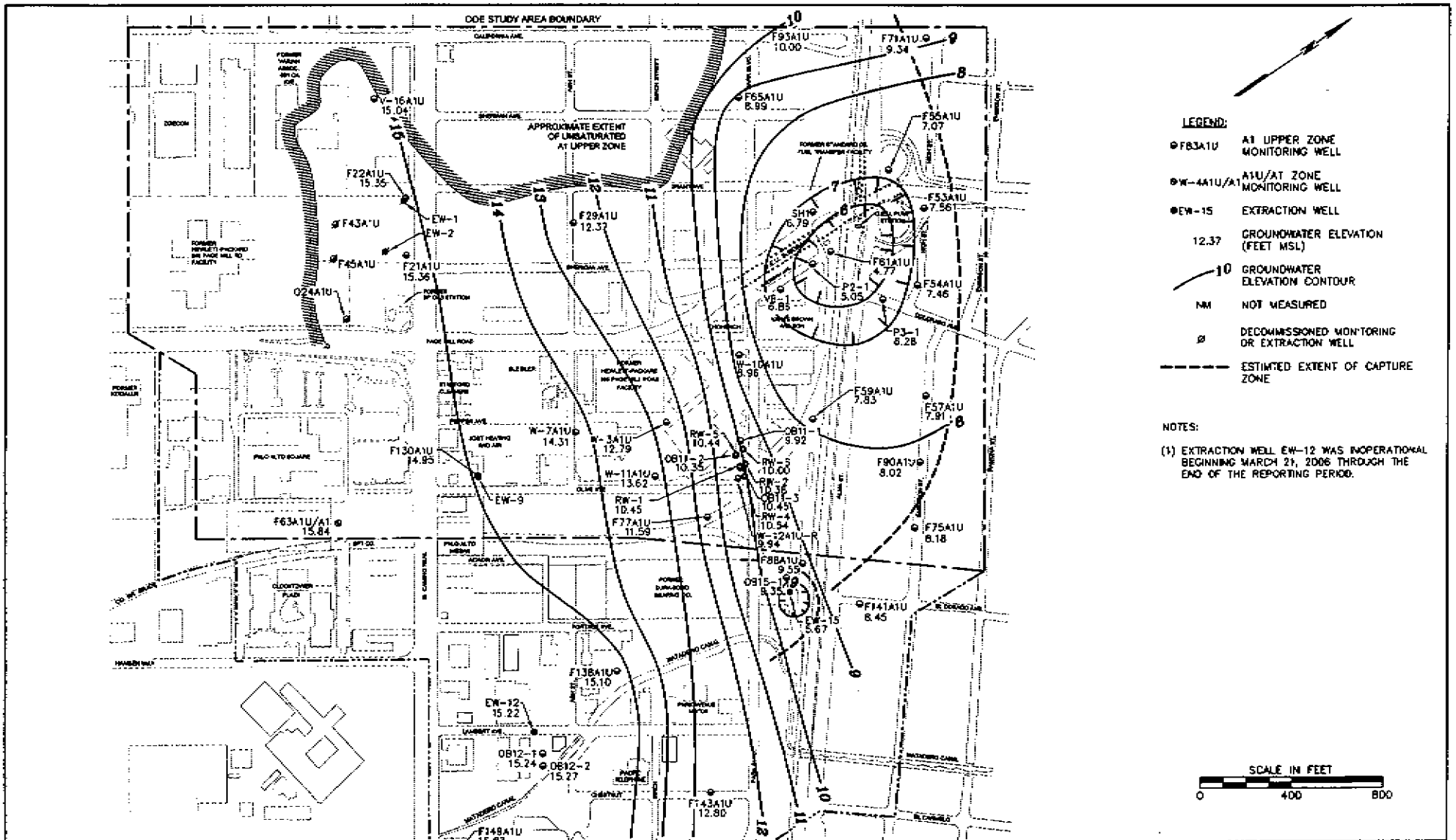
DATE


CDE STUDY AREA BOUNDARY
APPROXIMATE EXTENT OF UNSATURATED A1 UPPER ZONE
AREA BOUNDARY
PERIMETER
LEGEND:
F83A1U A1 UPPER ZONE MONITORING WELL
W-4A1U/A1 A1U/AT ZONE MONITORING WELL
EW-15 EXTRACTION WELL
12.37 GROUNDWATER ELEVATION (FEET MSL)
10 GROUNDWATER ELEVATION CONTOUR
NM NOT MEASURED
DECOMMISSIONED MONITORING OR EXTRACTION WELL
ESTIMATED EXTENT OF CAPTURE ZONE
NOTES:
(1) EXTRACTION WELL EW-12 WAS INOPERATIONAL BEGINNING MARCH 21, 2006 THROUGH THE END OF THE REPORTING PERIOD.
SCALE IN FEET
0 400 800
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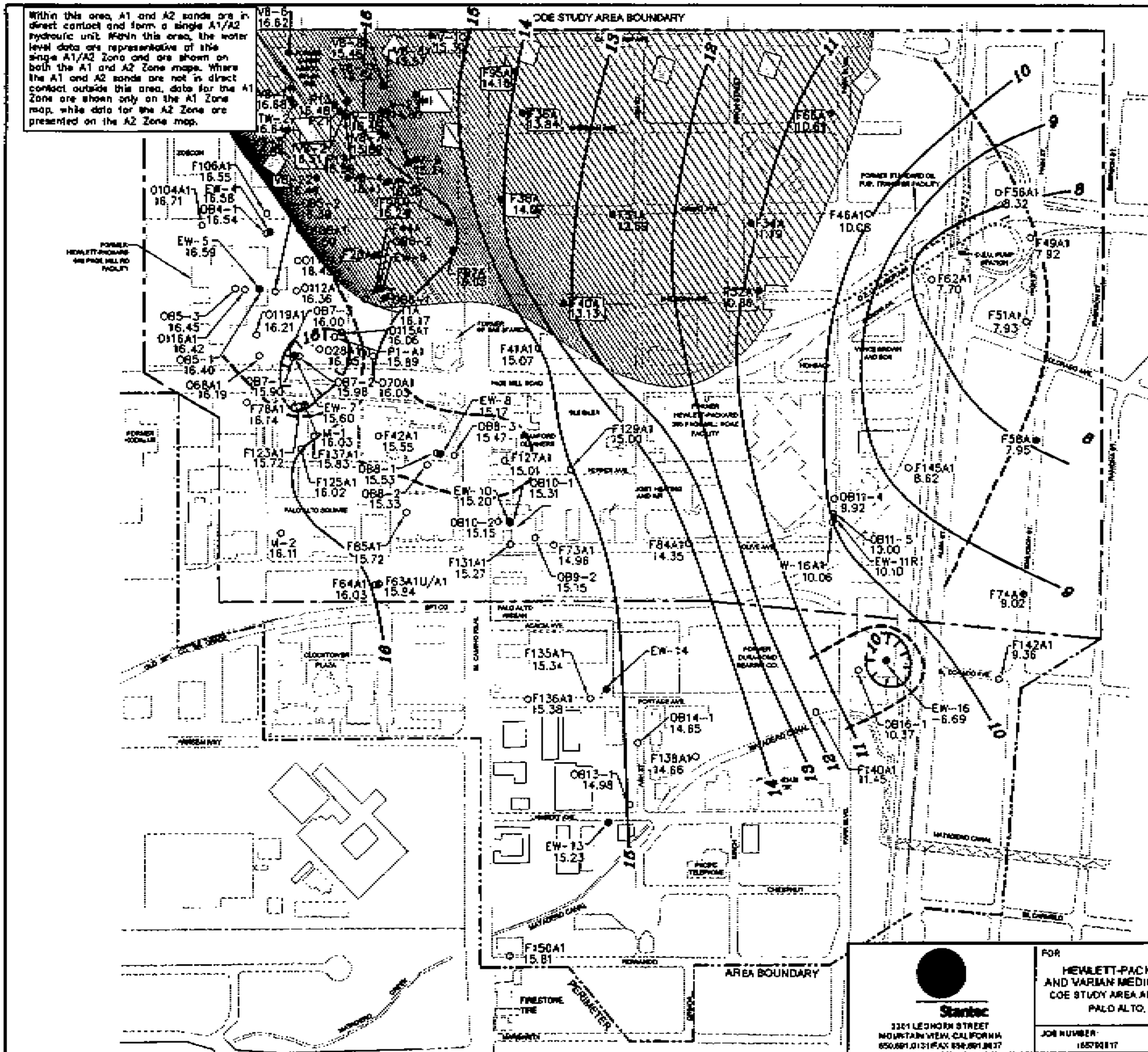
CDE STUDY AREA AND PERIMETER AREA
PALO ALTO, CALIFORNIA
GROUNDWATER ELEVATION CONTOURS
A1 UPPER ZONE
JUNE 8, 2009
FIGURE
2-2
JOB NUMBER:
DRAWN BY:
CHECKED BY:
APPROVED BY:
DATE



LEGEND:

○F42A1	A1 ZONE MONITORING WELL
●F40A	A ZONE MONITORING WELL
●VB-BX	EXTRACTION WELL
7.70	GROUNDWATER ELEVATION (FEET MSL)
10	GROUNDWATER ELEVATION CONTOUR
NM	NOT MEASURED
(a)	WATER LEVEL DATA WAS NOT USED IN CONTOURING.
∅	DECOMMISSIONED MONITORING OR EXTRACTION WELL
— — —	ESTIMTED EXTENT OF CAPTURE ZONE

NOTES:

(1) EXTRACTION WELL EW-6 WAS SHUT DOWN ON FEBRUARY 22, 2005 DUE TO REDEVELOPMENT ACTIVITIES AND DECOMMISSIONED ON JULY 11, 2005.

(2) EXTRACTION WELLS VB-2X, VB-8X AND VB-9X WERE SHUTDOWN ON JULY 15, 2003 IN PREPARATION FOR THE FULL-SCALE IN SITU CHEMICAL OXIDATION TREATMENT PROGRAM.

(3) EXTRACTION WELL EW-11R WAS SHUTDOWN ON JULY 14, 2003.

(4) EXTRACTION WELLS EW-4 AND EW-5 WERE INOPERATIONAL BEGINNING JANUARY 28, 2008 THROUGH THE END OF THE REPORTING PERIOD.

(5) EXTRACTION WELLS EW-13 AND EW-14 WERE INOPERATIONAL BEGINNING JANUARY 28, 2008 THROUGH THE END OF THE REPORTING PERIOD.

SCALE IN FEET

0 400 800

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COE STUDY AREA AND PERIMETER AREA
PALO ALTO, CALIFORNIA

GROUNDWATER ELEVATION CONTOURS
A1 ZONE
JUNE 8, 2009

FIGURE: 2-3

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
185702817	JBL	NK	BS	01/19/10

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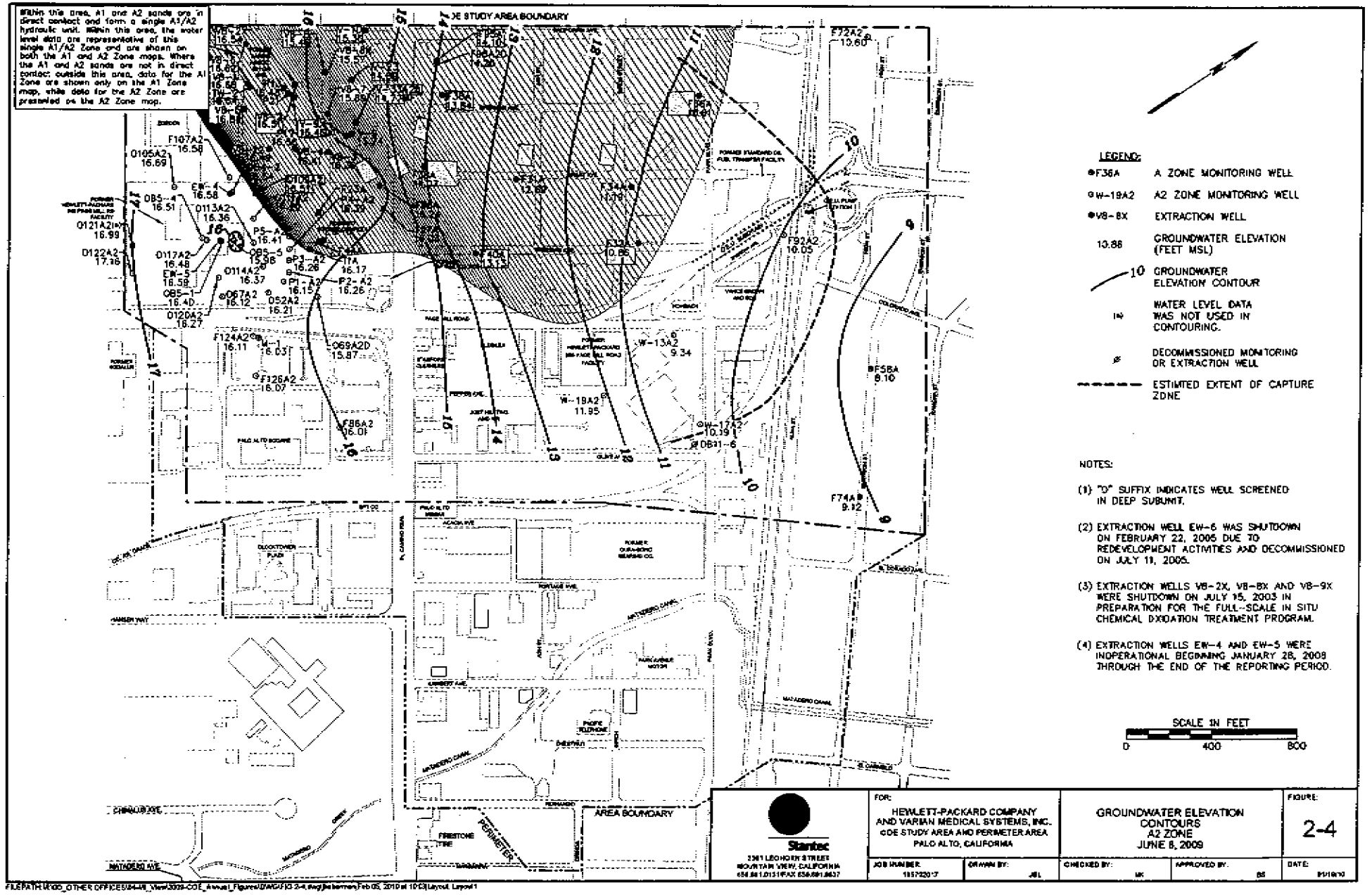
Within this area, A1 and A2 sands are in direct contact and form a single A1/A2 hydraulic unit. Within this area, the water level data are representative of this single A1/A2 Zone and are shown on both the A1 and A2 Zone maps. Where the A1 and A2 sands are not in direct contact outside this area, data for the A1 Zone are shown only on the A1 Zone map, while data for the A2 Zone are presented on the A2 Zone map.
CDE STUDY AREA BOUNDARY
AREA BOUNDARY
PERIMETER
LEGEND:
F36A A ZONE MONITORING WELL
W-19A2 A2 ZONE MONITORING WELL
V8-8X EXTRACTION WELL
10.86 GROUNDWATER ELEVATION (FEET MSL)
10 GROUNDWATER ELEVATION CONTOUR
WATER LEVEL DATA WAS NOT USED IN CONTOURING.
DECOMMISSIONED MONITORING OR EXTRACTION WELL
ESTIMTED EXTENT OF CAPTURE ZONE
NOTES:
(1) "D" SUFFIX INDICATES WELL SCREENED IN DEEP SUBUNIT.
(2) EXTRACTION WELL EW-6 WAS SHUTDOWN ON FEBRUARY 22, 2005 DUE TO REDEVELOPMENT ACTIVITIES AND DECOMMISSIONED ON JULY 11, 2005.
(3) EXTRACTION WELLS V8-2X, V8-8X AND V8-9X WERE SHUTDOWN ON JULY 15, 2003 IN PREPARATION FOR THE FULL-SCALE IN SITU CHEMICAL OXIDATION TREATMENT PROGRAM.
(4) EXTRACTION WELLS EW-4 AND EW-5 WERE INOPERATIONAL BEGINNING JANUARY 28, 2008 THROUGH THE END OF THE REPORTING PERIOD.
SCALE IN FEET
0 400 800
Stantec
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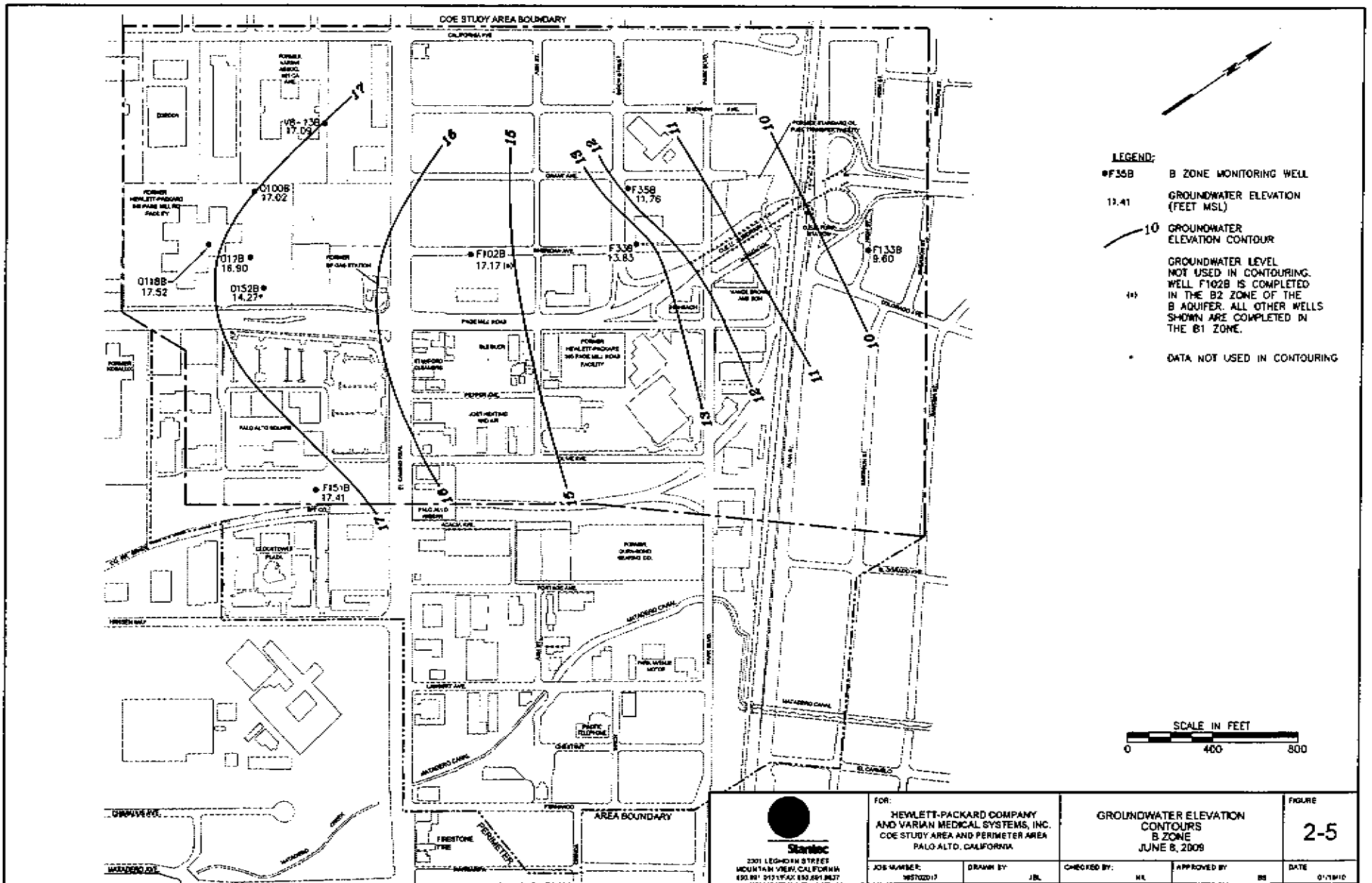
FOR:
HEWLETT-PACKARD COMPANY AND VARIAN MEDICAL SYSTEMS, INC.
CDE STUDY AREA AND PERIMETER AREA
PALO ALTO, CALIFORNIA
GROUNDWATER ELEVATION CONTOURS
A2 ZONE
JUNE 8, 2009
FIGURE:
2-4
JOB NUMBER:
DRAWN BY:
CHECKED BY:
APPROVED BY:
DATE:


COE STUDY AREA BOUNDARY
V8-13B
17.09
C100B
17.02
O17B
16.90
O118B
17.52
O152B
14.27*
F102B
17.17 (*)
F35B
11.76
F33B
13.83
F133B
9.60
F151B
17.41
17
16
15
13
12
11
10
LEGEND:
F35B B ZONE MONITORING WELL
11.41 GROUNDWATER ELEVATION (FEET MSL)
10 GROUNDWATER ELEVATION CONTOUR
(*) GROUNDWATER LEVEL NOT USED IN CONTOURING. WELL F102B IS COMPLETED IN THE B2 ZONE OF THE B AQUIFER. ALL OTHER WELLS SHOWN ARE COMPLETED IN THE B1 ZONE.
* DATA NOT USED IN CONTOURING
SCALE IN FEET
0
400
800
AREA BOUNDARY
PERIMETER
FIRESTONE TIRE
Stantec
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FOR:
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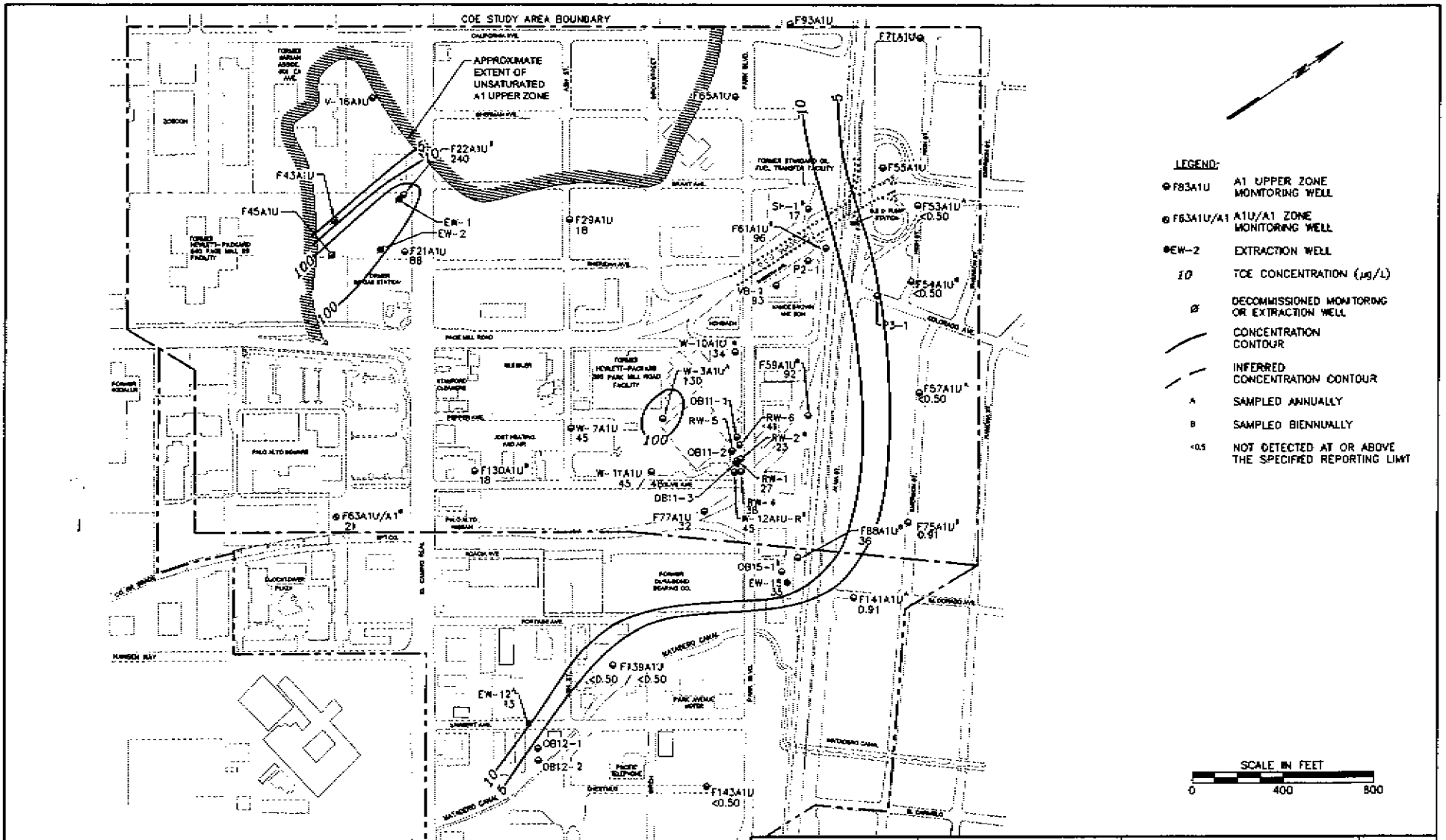
COE STUDY AREA AND PERIMETER AREA
PALO ALTO, CALIFORNIA
GROUNDWATER ELEVATION CONTOURS
B ZONE
JUNE 8, 2009
FIGURE
2-5
JOB NUMBER:
DRAWN BY:
CHECKED BY:
APPROVED BY:
DATE


COE STUDY AREA BOUNDARY
APPROXIMATE EXTENT OF UNSATURATED A1 UPPER ZONE
F93A1U
F71A1U
F65A1U
V-16A1U
F22A1U 240
F43A1U
F45A1U
EW-1
EW-2
F21A1U 88
F29A1U 18
F55A1U
F53A1U <0.50
F54A1U <0.50
F61A1U 96
SH-1 17
P2-1
VB-1 93
W-10A1U 34
W-3A1U 130
F59A1U 92
F57A1U <0.50
OB11-1
RW-5
RW-6 41
RW-2 23
OB11-2
RW-1 27
RW-4 38
W-12A1U-R 45
OB11-3
F77A1U 32
W-7A1U 45
W-11A1U 45 / 40
F130A1U 18
F63A1U/A1 21
F88A1U 36
F75A1U 0.91
OB15-1
EW-15
F141A1U 0.91
F139A1U <0.50 / <0.50
EW-12 13
OB12-1
OB12-2
F143A1U <0.50
F149A1U
AREA BOUNDARY
PERIMETER
LEGEND:
F83A1U A1 UPPER ZONE MONITORING WELL
F63A1U/A1 A1U/A1 ZONE MONITORING WELL
EW-2 EXTRACTION WELL
10 TCE CONCENTRATION (µg/L)
DECOMMISSIONED MONITORING OR EXTRACTION WELL
CONCENTRATION CONTOUR
INFERRED CONCENTRATION CONTOUR
A SAMPLED ANNUALLY
B SAMPLED BIENNUALLY
<0.5 NOT DETECTED AT OR ABOVE THE SPECIFIED REPORTING LIMIT
SCALE IN FEET
0 400 800
Starlec
2301 LEGHORN STREET
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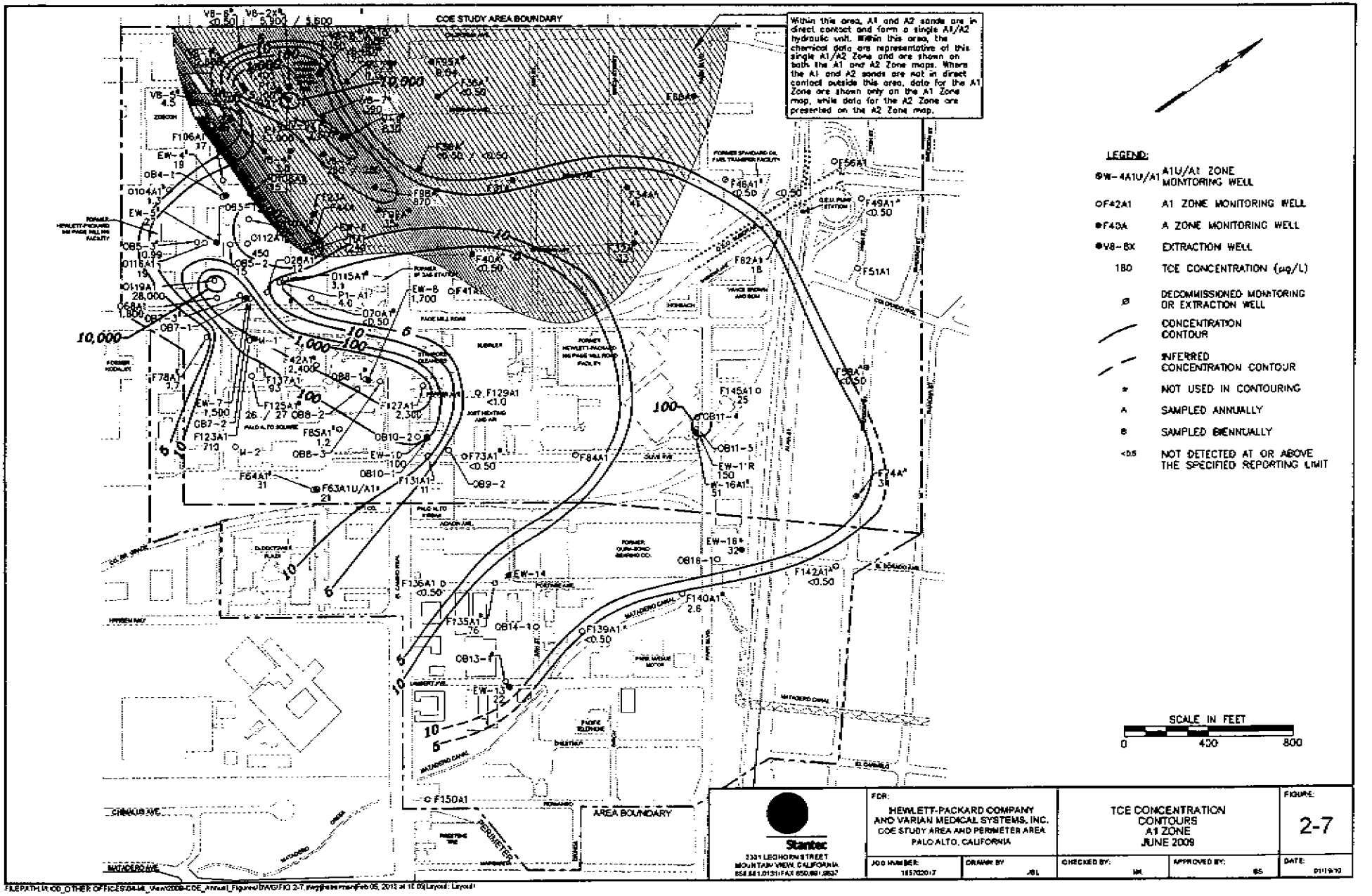
FOR:
HEWLETT-PACKARD COMPANY AND VARIAN MEDICAL SYSTEMS, INC.
COE STUDY AREA AND PERIMETER AREA
PALO ALTO, CALIFORNIA
TCE CONCENTRATION CONTOURS
A1 UPPER ZONE
JUNE 2009
FIGURE:
2-6
JOB NUMBER
DRAWN BY:
CHECKED BY
APPROVED BY:
DATE:



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COE STUDY AREA AND PERIMETER AREA
PALO ALTO, CALIFORNIA

TCE CONCENTRATION CONTOURS
A1 ZONE
JUNE 2009

FIGURE: 2-7

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
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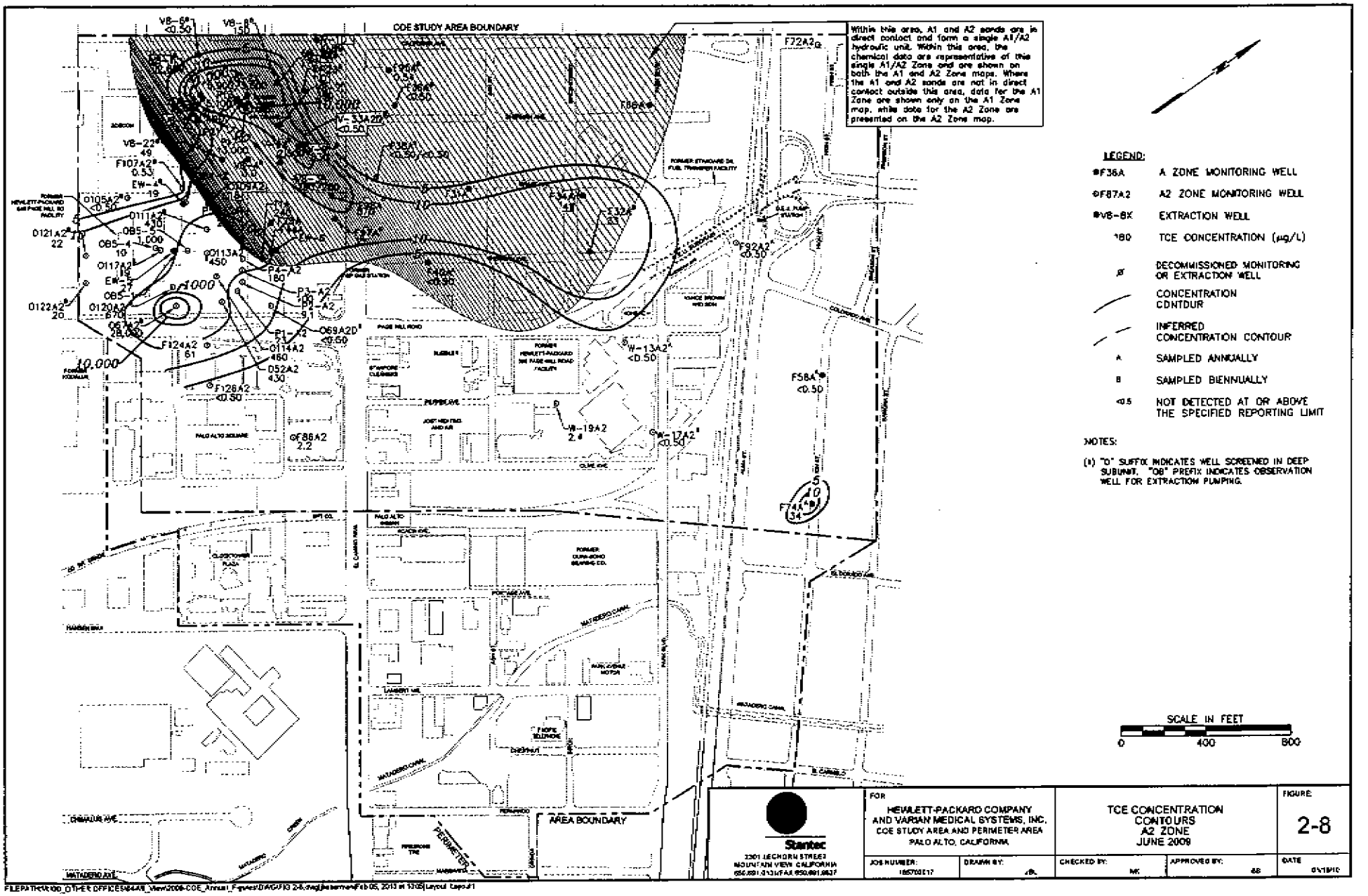
COE STUDY AREA BOUNDARY
Within this area, A1 and A2 sands are in direct contact and form a single A1/A2 hydraulic unit. Within this area, the chemical data are representative of the single A1/A2 Zone and are shown on both the A1 and A2 Zone maps. Where the A1 and A2 sands are not in direct contact outside this area, data for the A1 Zone are shown only on the A1 Zone map, while data for the A2 Zone are presented on the A2 Zone map.
LEGEND:
A ZONE MONITORING WELL
A2 ZONE MONITORING WELL
EXTRACTION WELL
TCE CONCENTRATION (µg/L)
DECOMMISSIONED MONITORING OR EXTRACTION WELL
CONCENTRATION CONTOUR
INFERRED CONCENTRATION CONTOUR
SAMPLED ANNUALLY
SAMPLED BIENNUALLY
NOT DETECTED AT OR ABOVE THE SPECIFIED REPORTING LIMIT
NOTES:
(1) "D" SUFFIX INDICATES WELL SCREENED IN DEEP SUBUNIT. "OB" PREFIX INDICATES OBSERVATION WELL FOR EXTRACTION PUMPING.
SCALE IN FEET
0
400
800
AREA BOUNDARY
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AND VARIAN MEDICAL SYSTEMS, INC.
COE STUDY AREA AND PERIMETER AREA
PALO ALTO, CALIFORNIA
TCE CONCENTRATION
CONTOURS
A2 ZONE
JUNE 2009
FIGURE
2-8
JOB NUMBER:
DRAWN BY:
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APPROVED BY:
DATE

FIGURE 5-1:
GROUNDWATER VOC MASS REMOVAL

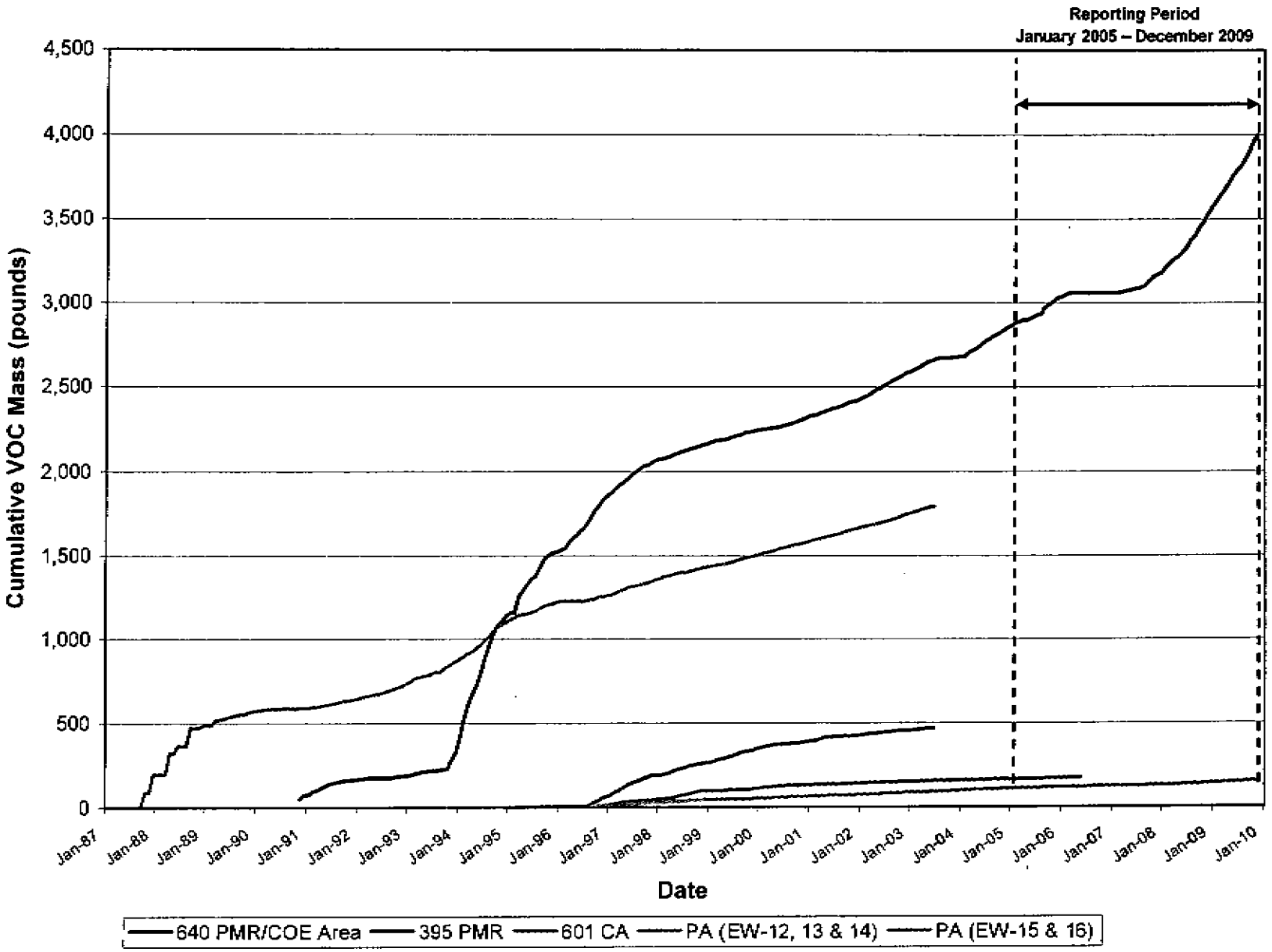


FIGURE 5-2:
GROUNDWATER VOLUME REMOVAL

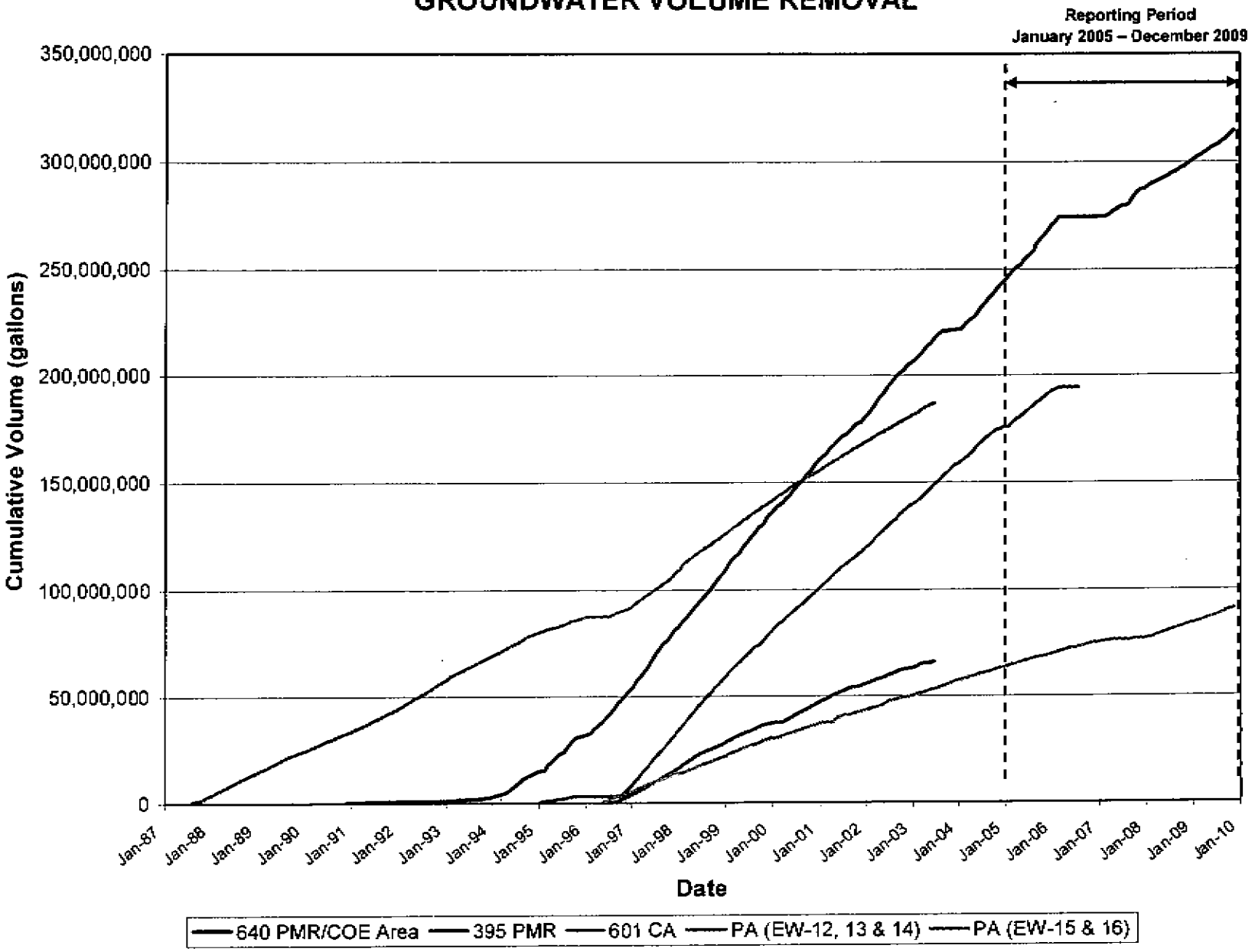


FIGURE 5-3:
VOC MASS REMOVAL EFFICIENCY

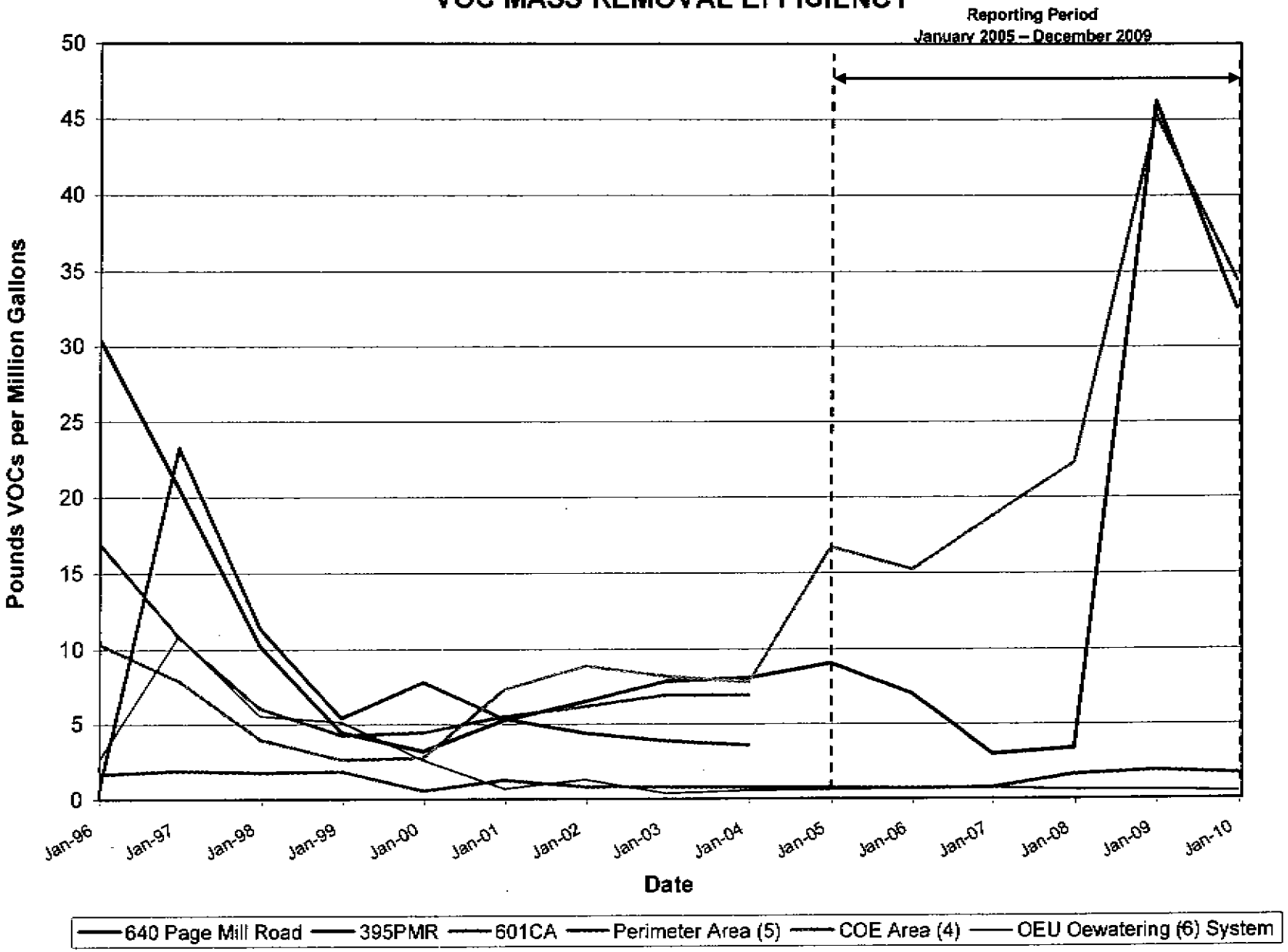
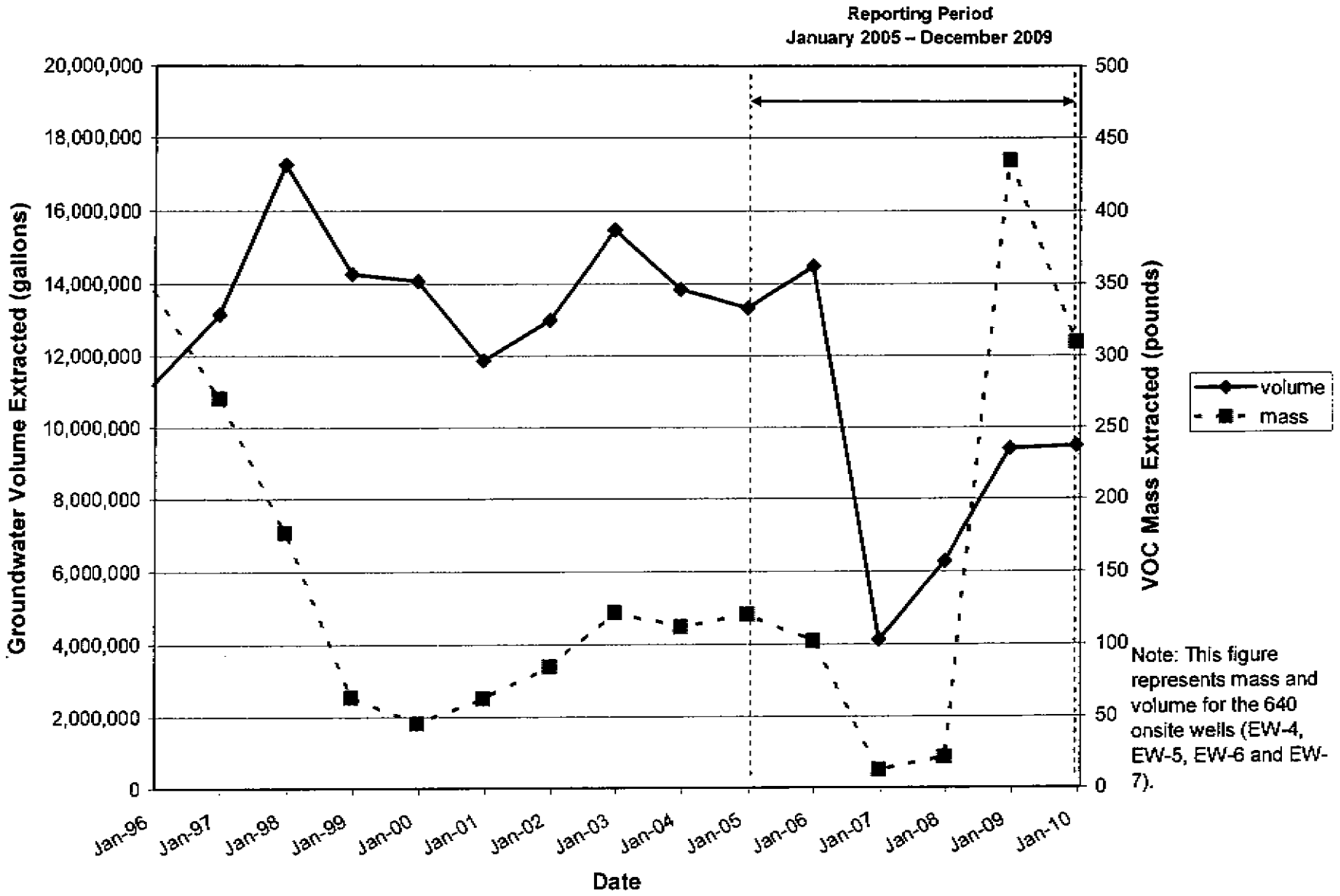
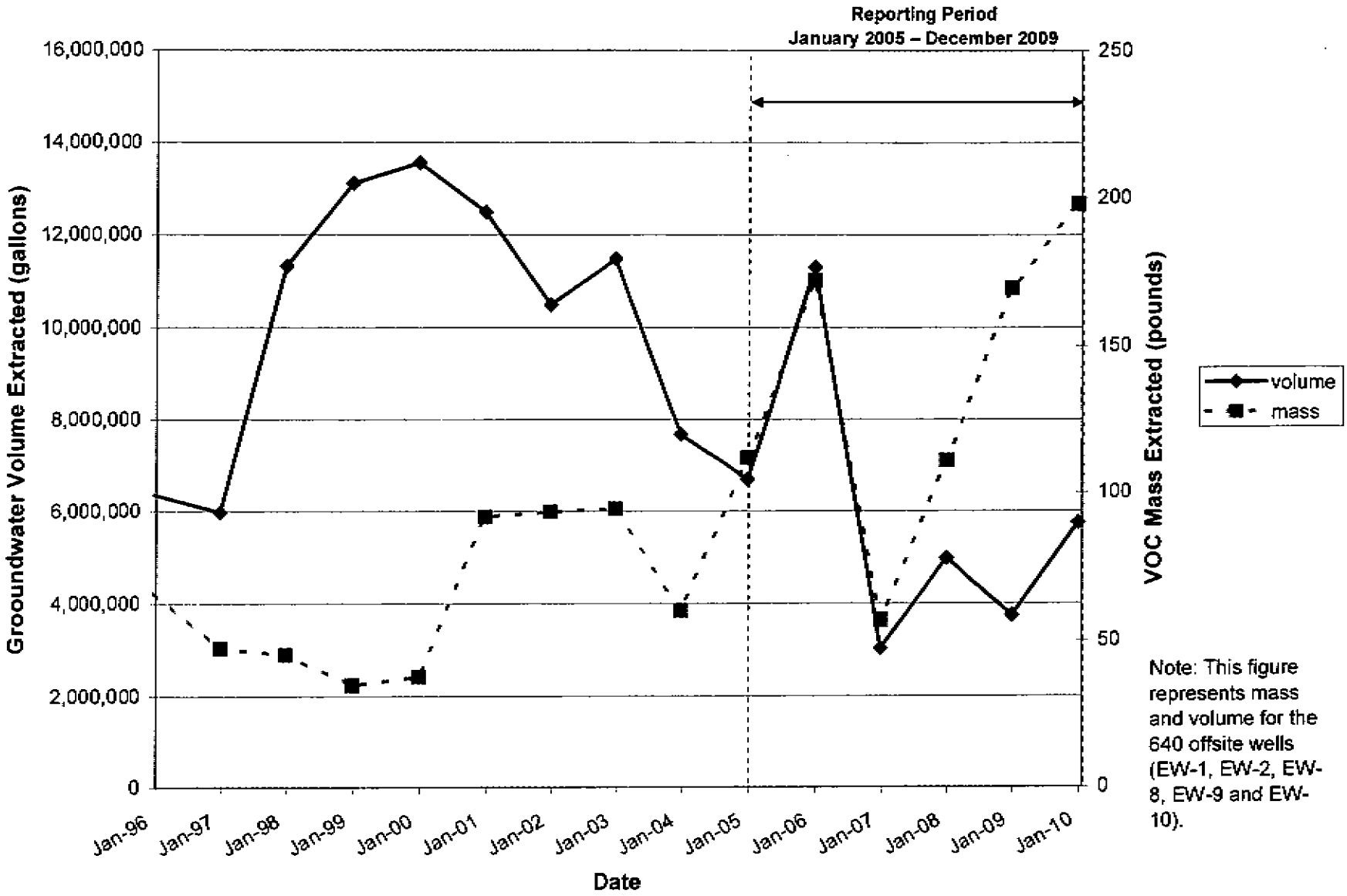


FIGURE 5-4:
640 PMR SYSTEM ANNUAL PERFORMANCE



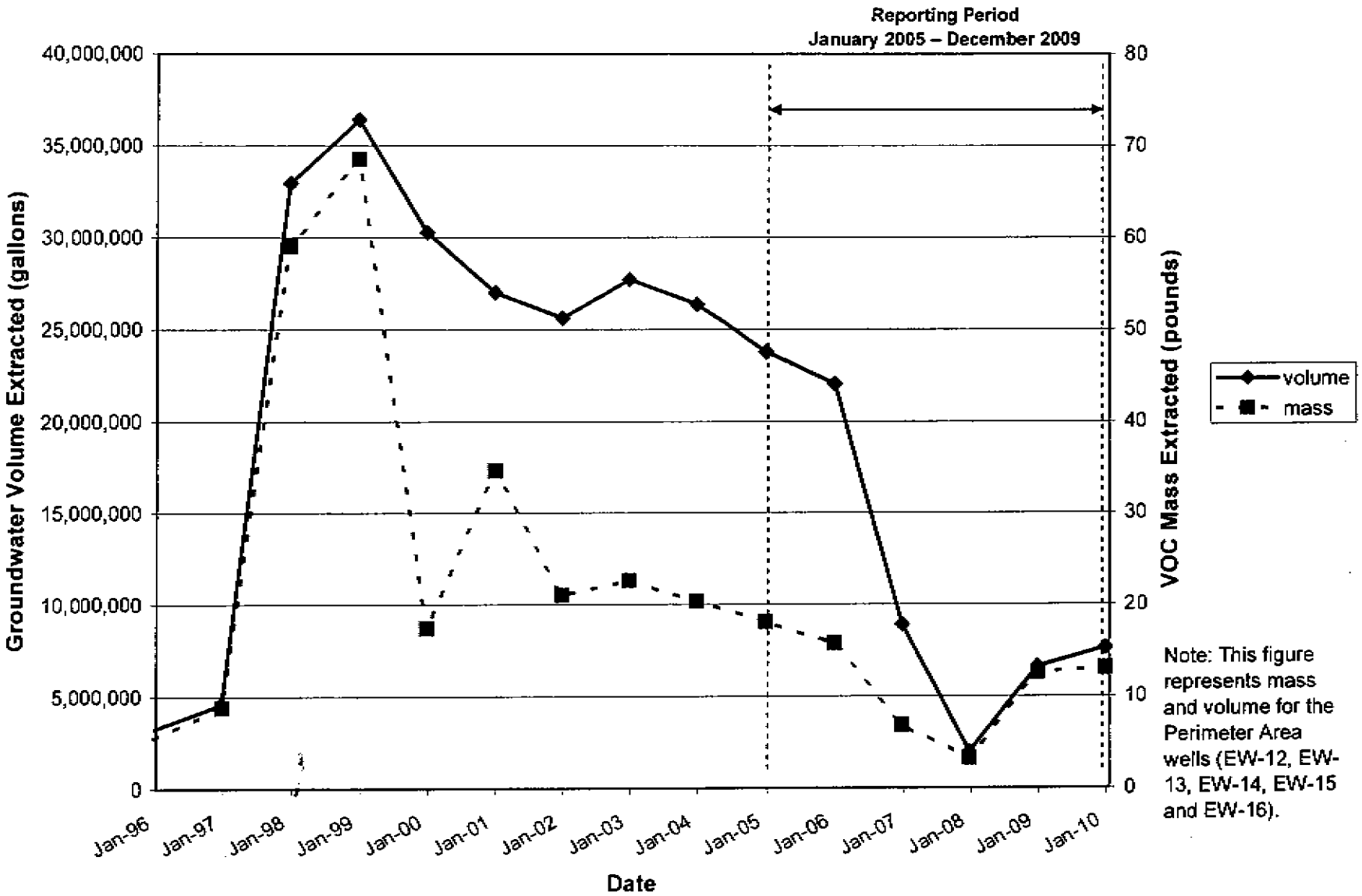
Note: This figure represents mass and volume for the 640 onsite wells (EW-4, EW-5, EW-6 and EW-7).

FIGURE 5-5:
COE AREA SYSTEM ANNUAL PERFORMANCE



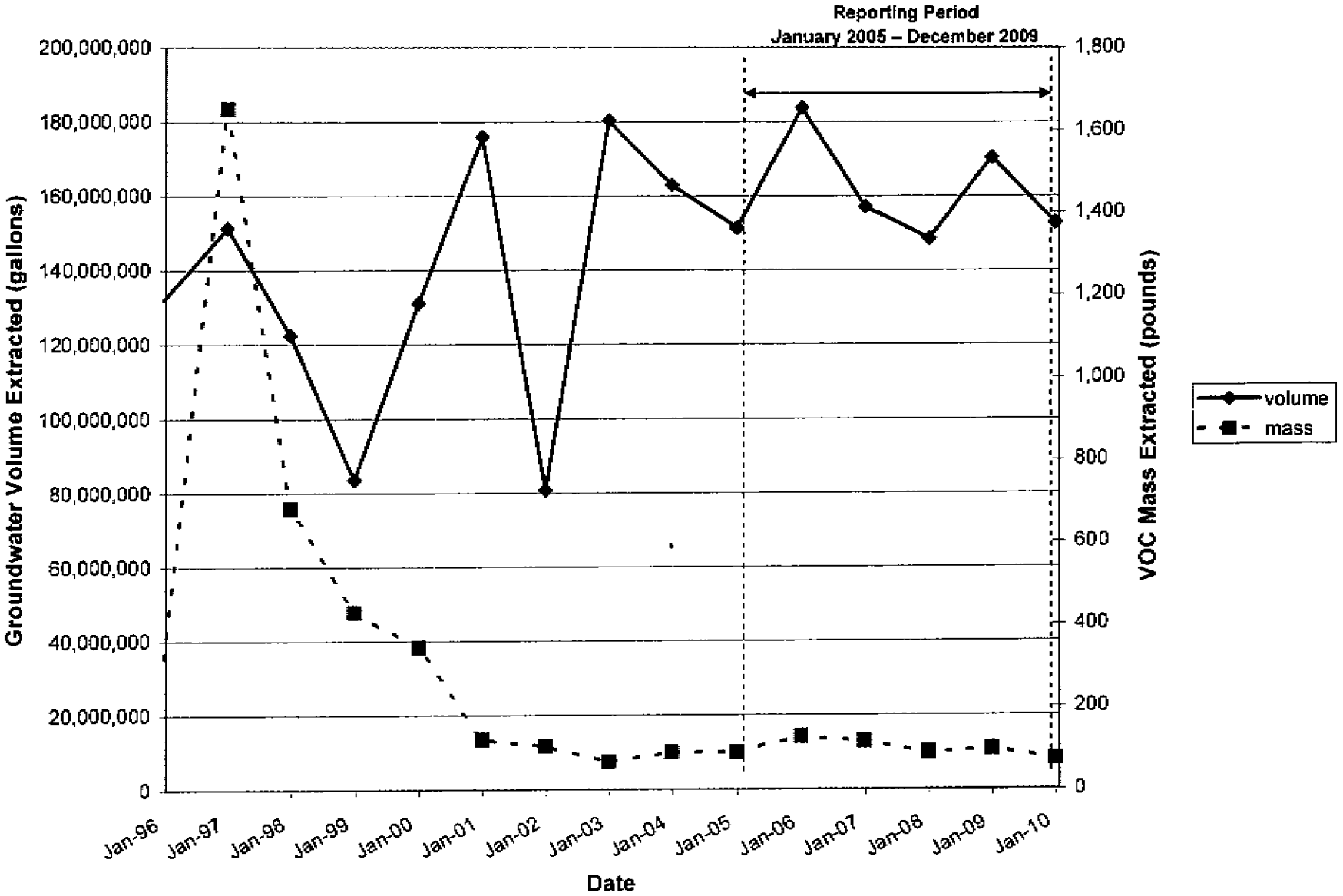
Note: This figure represents mass and volume for the 640 offsite wells (EW-1, EW-2, EW-8, EW-9 and EW-10).

FIGURE 5-6:
PERIMETER AREA SYSTEM ANNUAL PERFORMANCE

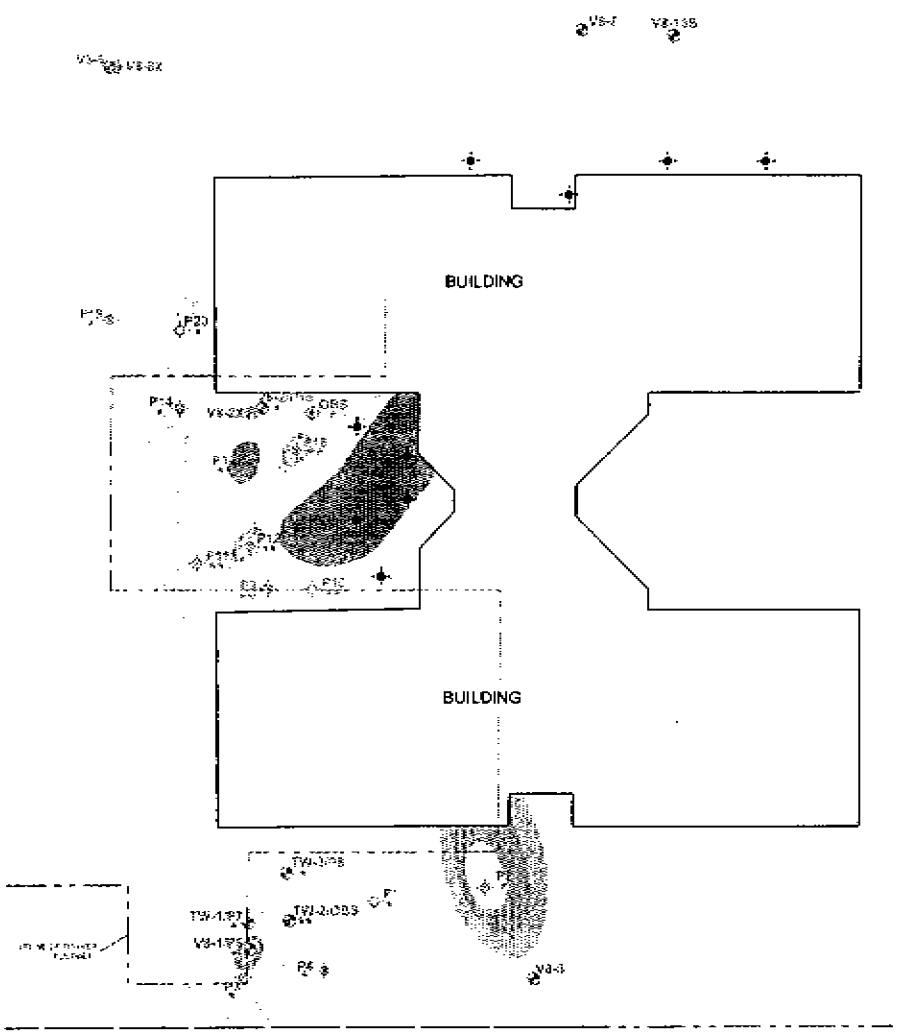


Note: This figure represents mass and volume for the Perimeter Area wells (EW-12, EW-13, EW-14, EW-15 and EW-16).

FIGURE 5-7:
OEU SYSTEM ANNUAL PERFORMANCE



APPENDIX A
601 CA SITE CHEMICAL OXIDATION PROGRAM FIGURE



LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- PROPOSED BORING LOCATION
- V8-2 GROUNDWATER MONITORING WELL
- V8-2X INACTIVE GROUNDWATER EXTRACTION WELL
- P2 INJECTION WELL
- OBS OBSERVATION WELL
- TCE TRICHLOROETHENE

PROPOSED EISB INJECTION LOCATIONS

(1,500 GALLONS - DENOTED BY '++')

TW2/OBS
P9
P10
P11
P12
P13
P16
P17
P18
P21

PROPOSED EISB INJECTION LOCATIONS

(1,000 GALLONS - DENOTED BY '+')

OBS
P1
P2
P3
P4
P14
P19
P20
TW-1/P7
TW-3/P8
V8-1/P6
V8-2/P15

TCE CONCENTRATIONS (MARCH 2008)

- >25,000 ppb
- 10,000 - 25,000 ppb
- 1,000 - 9,999 ppb
- 200 - 999 ppb
- 100-199 ppb
- 50-99 ppb
- 5-49 ppb

0 50 100

APPROXIMATE SCALE IN FEET

REFERENCE: MWH; JOB NO:1196205; TITLE:MP LOCATION MAP;OCTOBER 2006; FIGURE 6; DRAWING:N:\VARIAN\MWH-FIGURE 6.DWG

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57 Lafayette Circle, 2nd Floor
Lafayette, CA
Phone 925 299-9300 (FAX) 925 299-9302

FOR: VARIAN MEDICAL SYSTEMS, INC.
601 CALIFORNIA AVENUE
PALO ALTO, CALIFORNIA

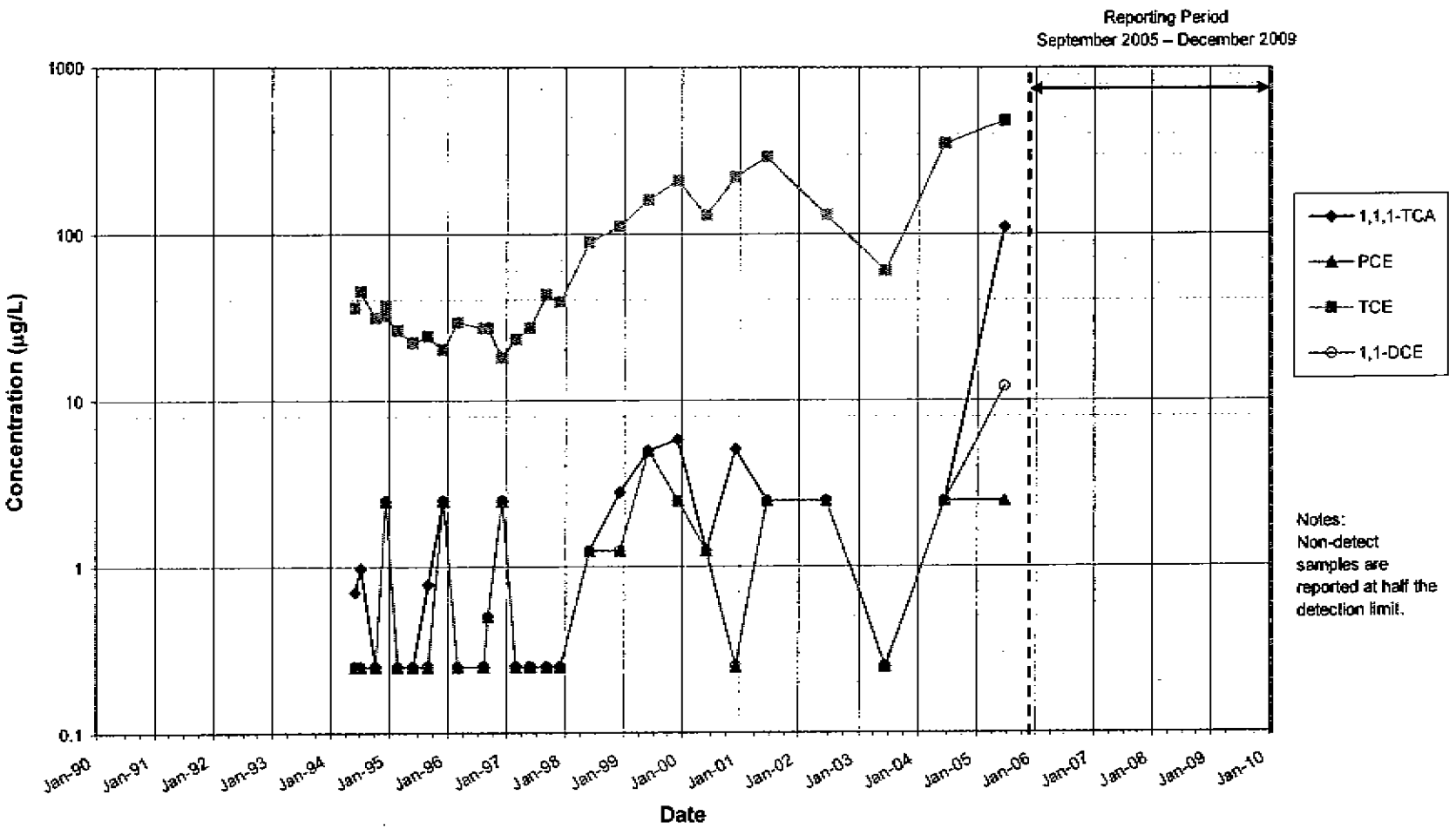
PROPOSED BORING LOCATION MAP

FIGURE: 1

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
185701139	RRR	AM	AM	03/31/09

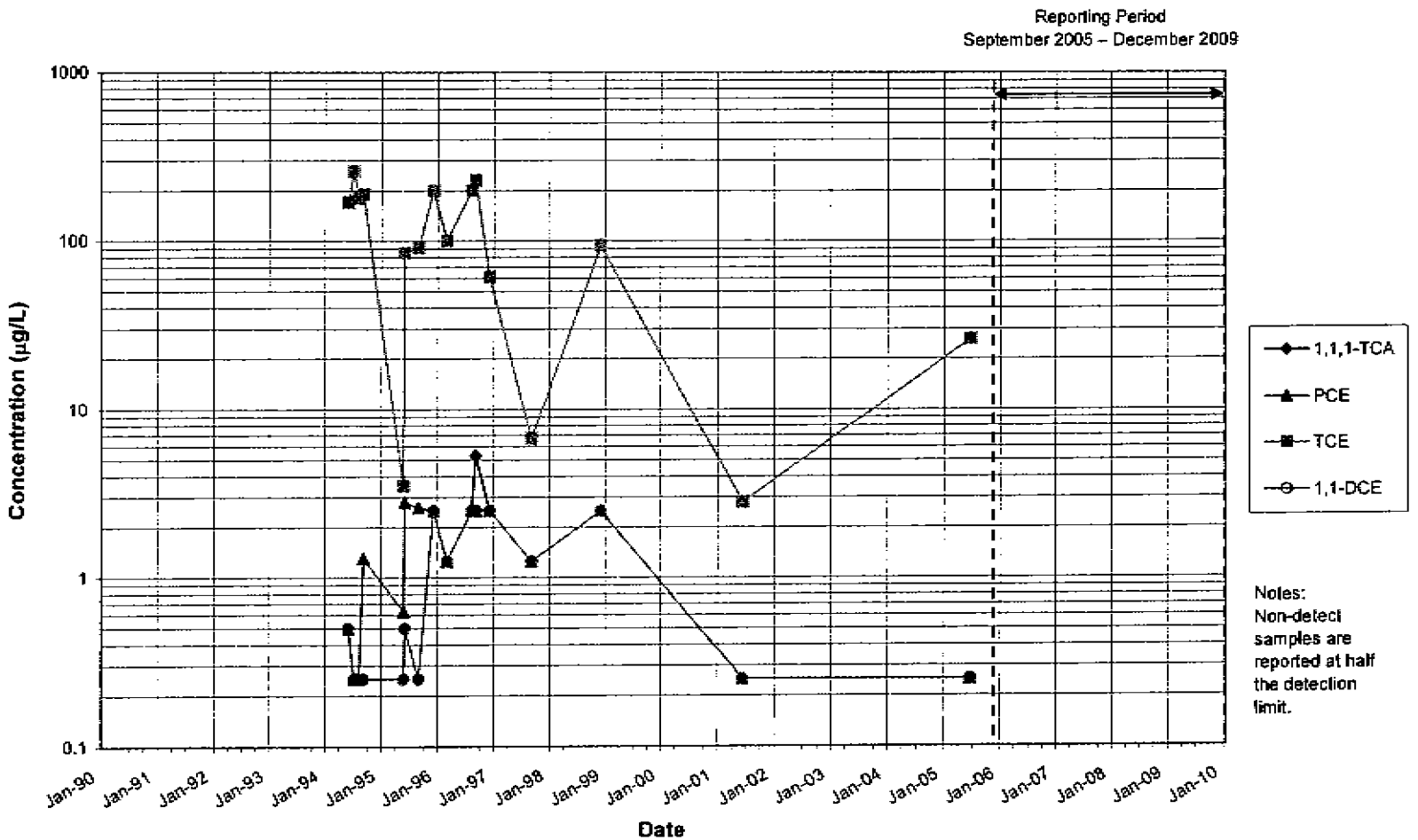
APPENDIX B
VOC CONCENTRATION HISTORY PLOTS

Selected VOC Concentrations vs. Time
EW-1



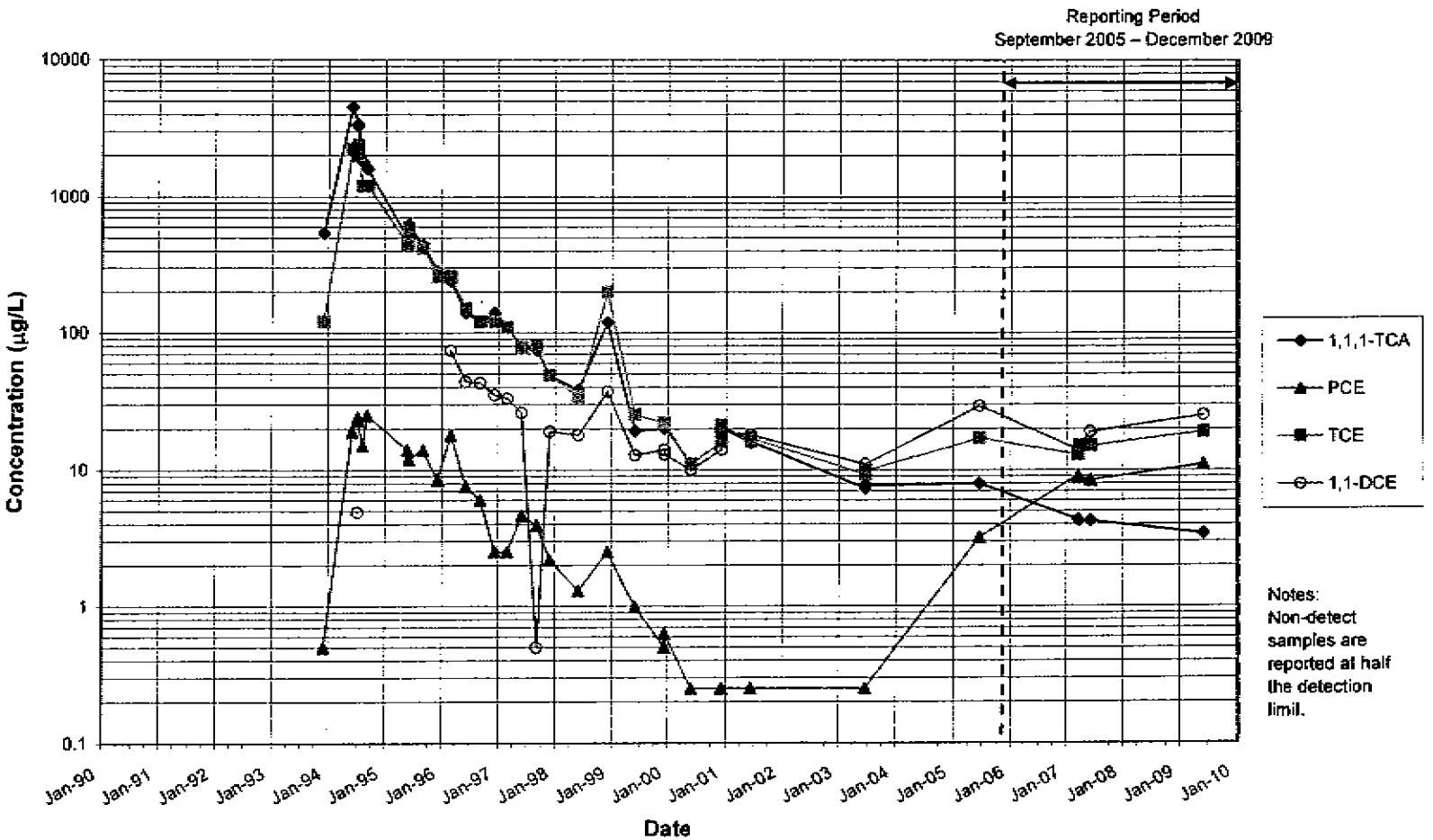
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
EW-2



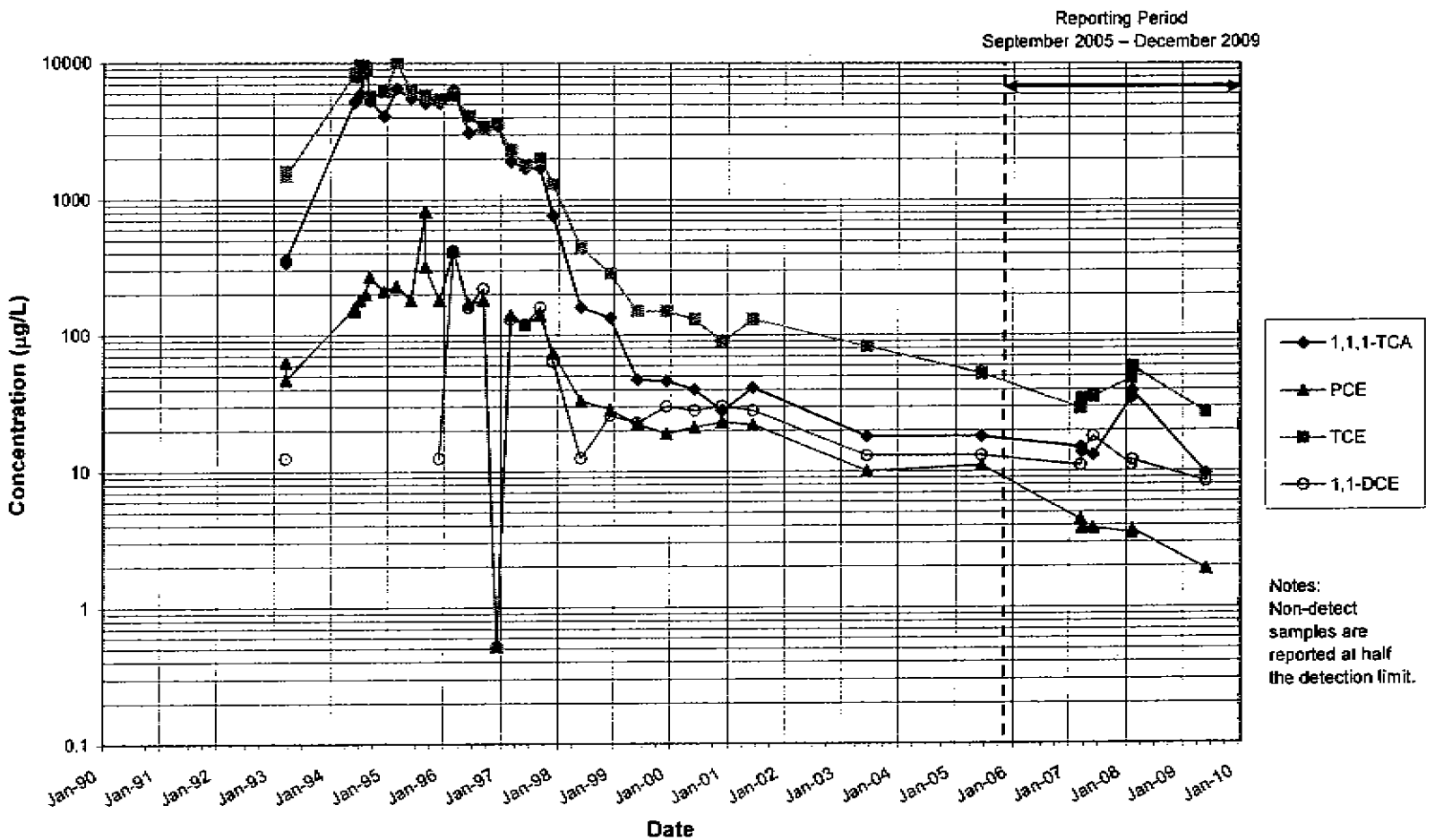
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
EW-4



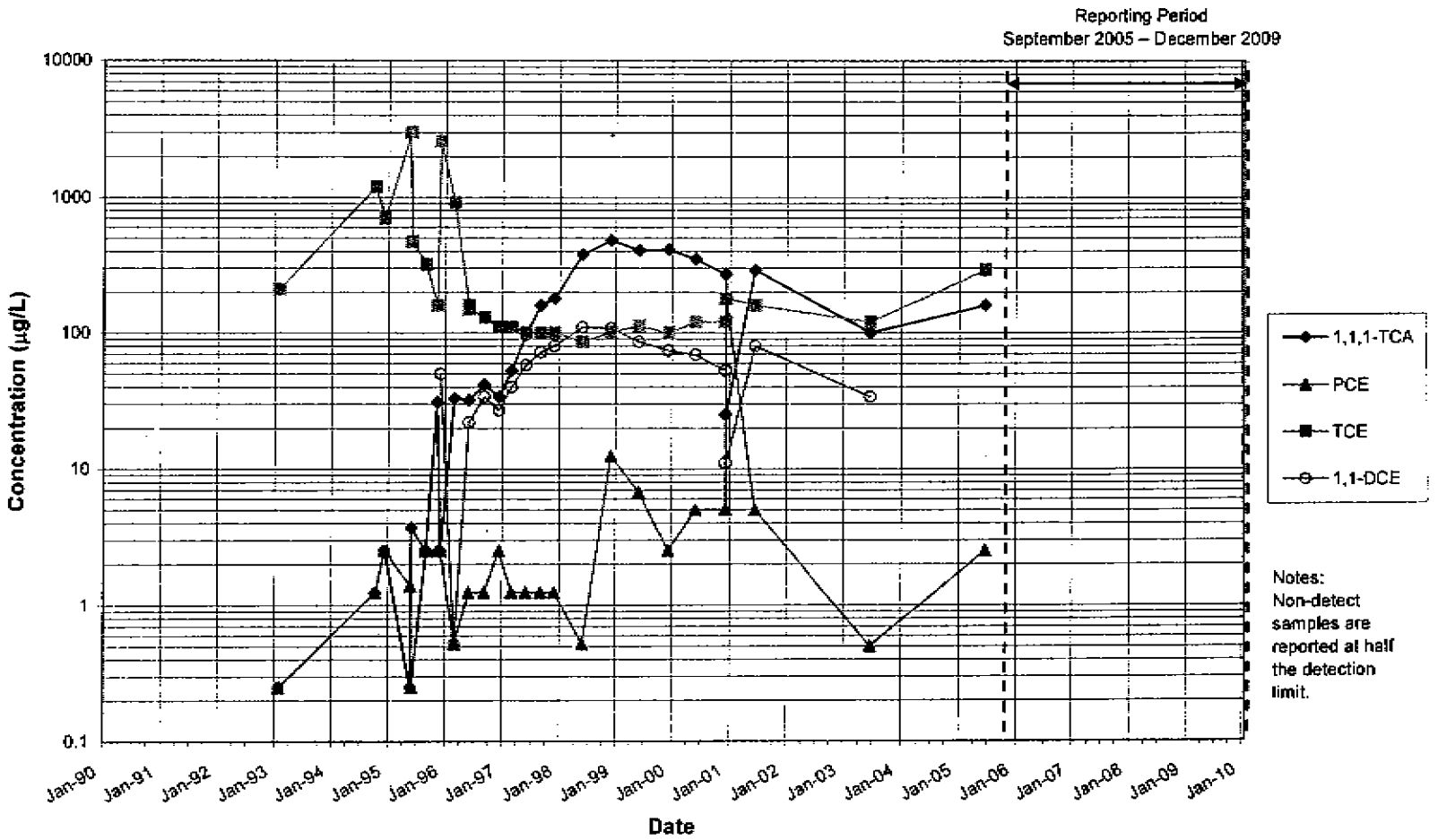
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
EW-5

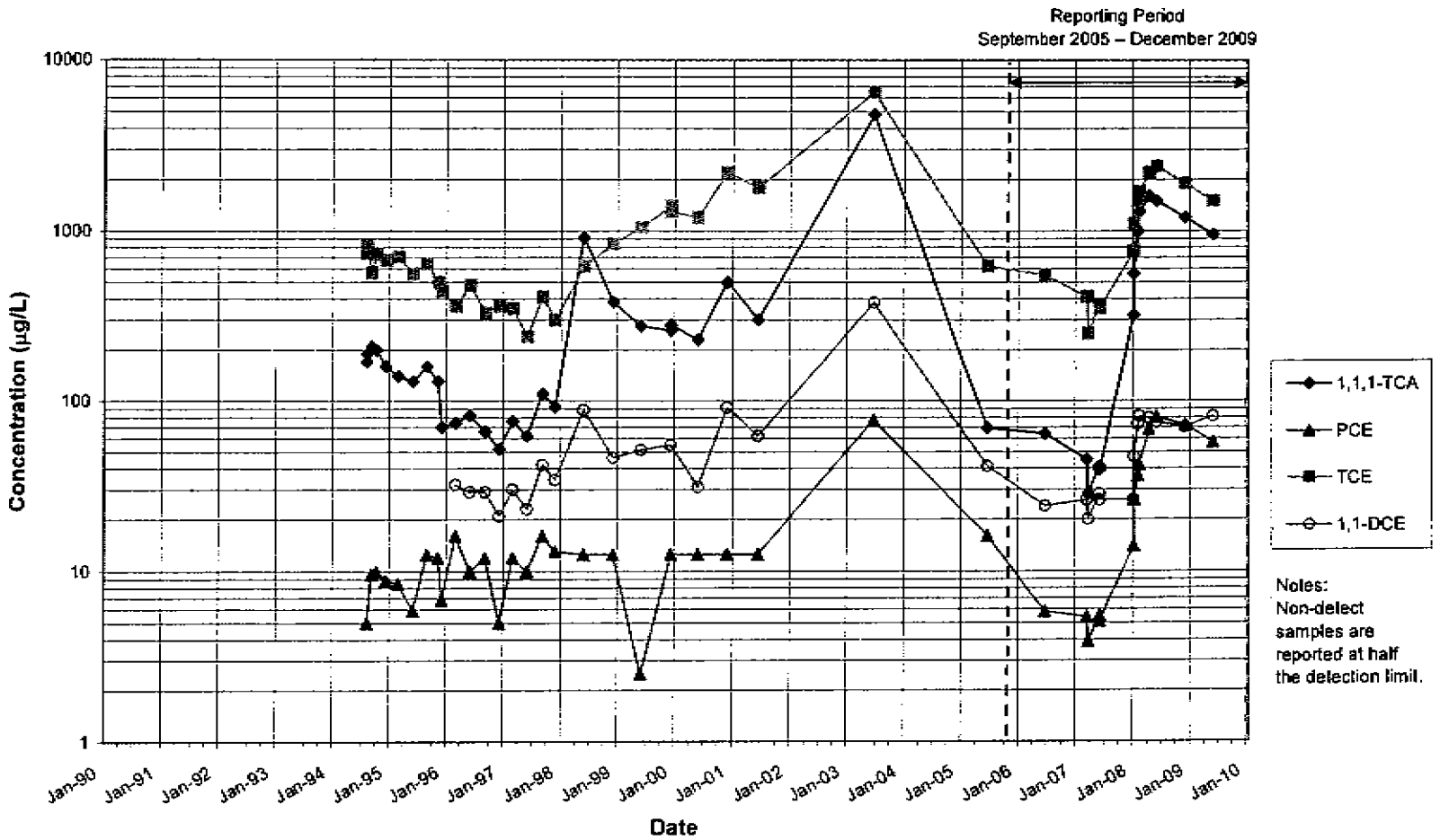


Notes:
Non-detect samples are reported at half the detection limit.

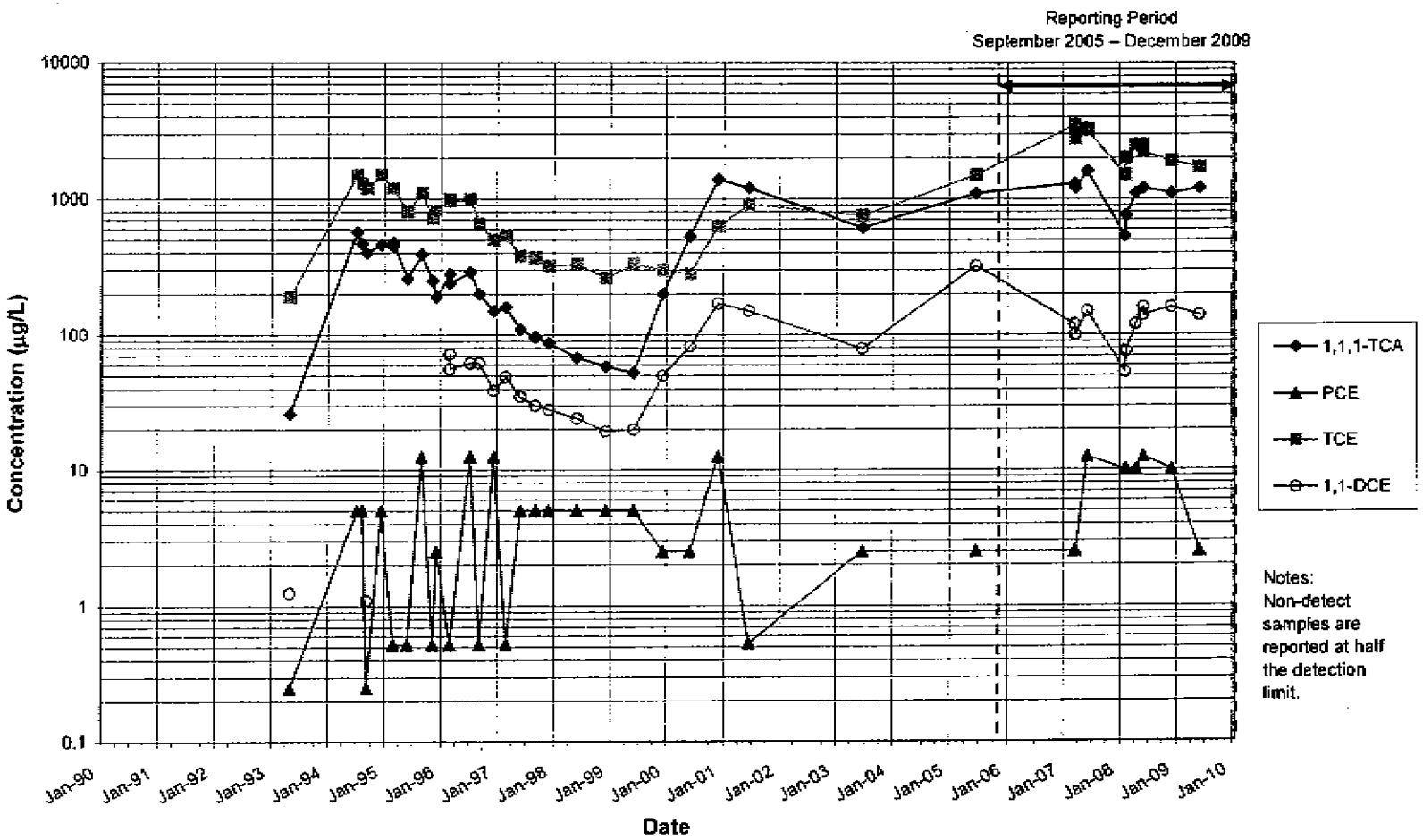
Selected VOC Concentrations vs. Time
EW-6



Selected VOC Concentrations vs. Time
EW-7

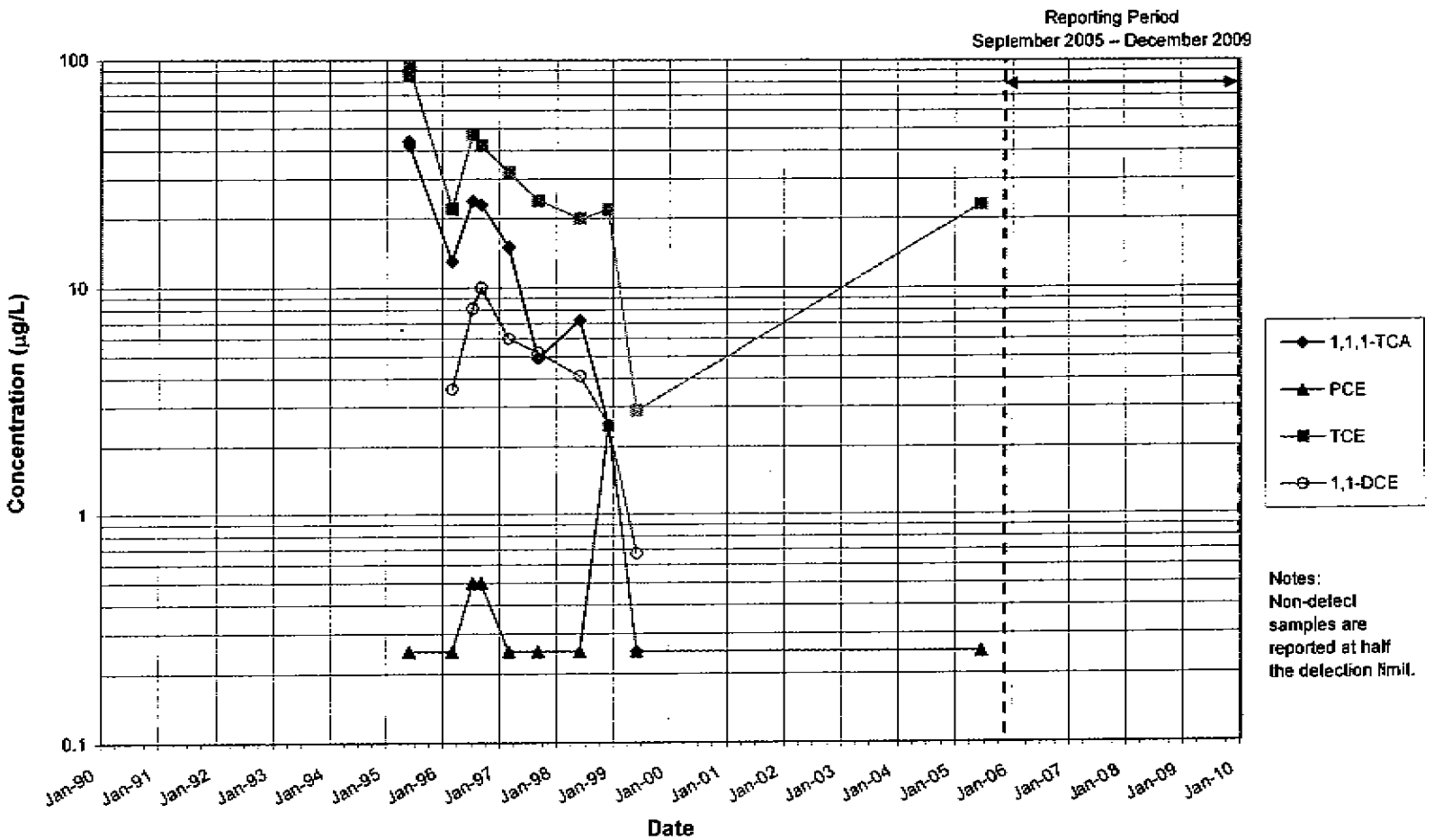


Selected VOC Concentrations vs. Time
EW-8



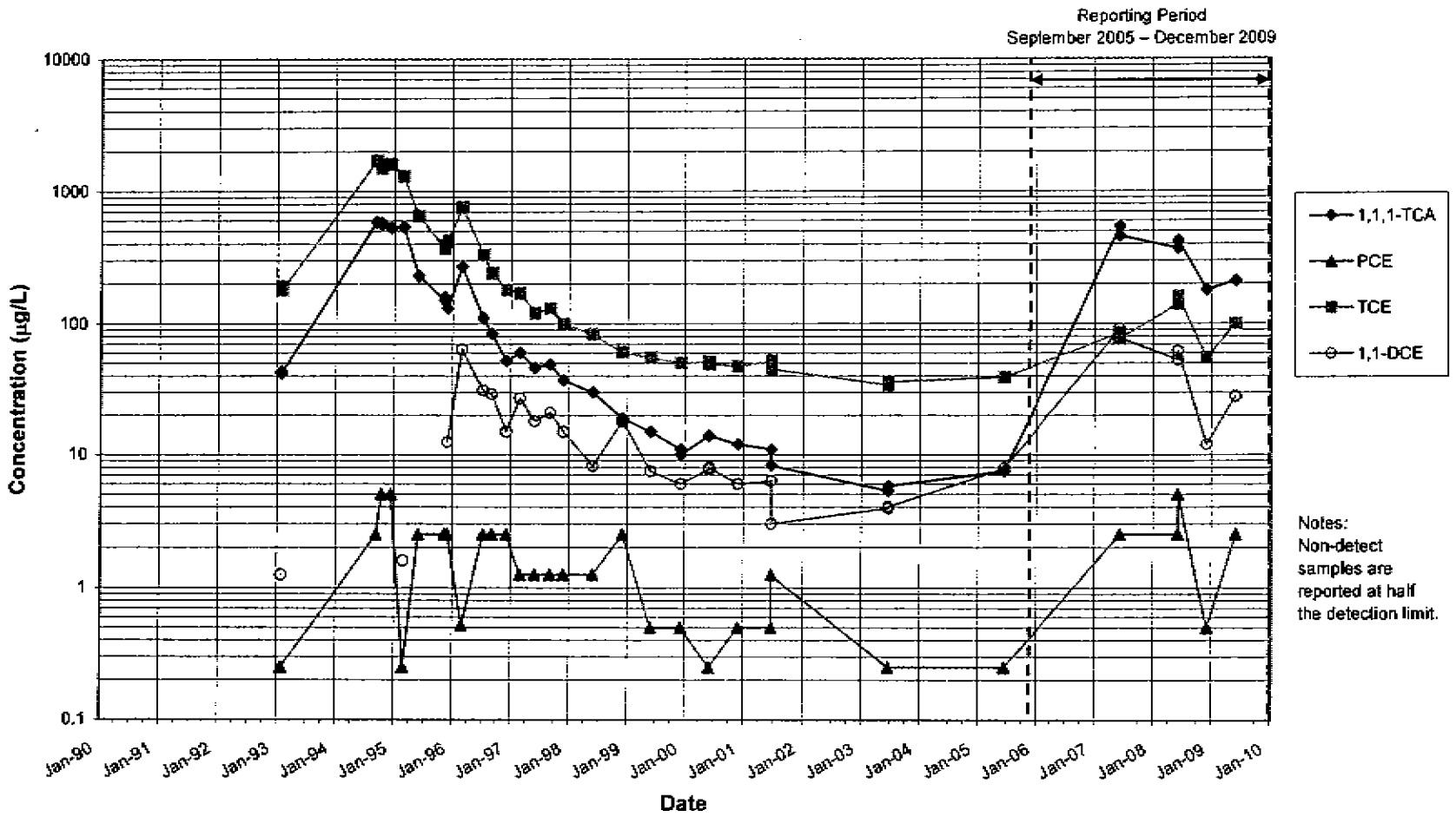
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
EW-9



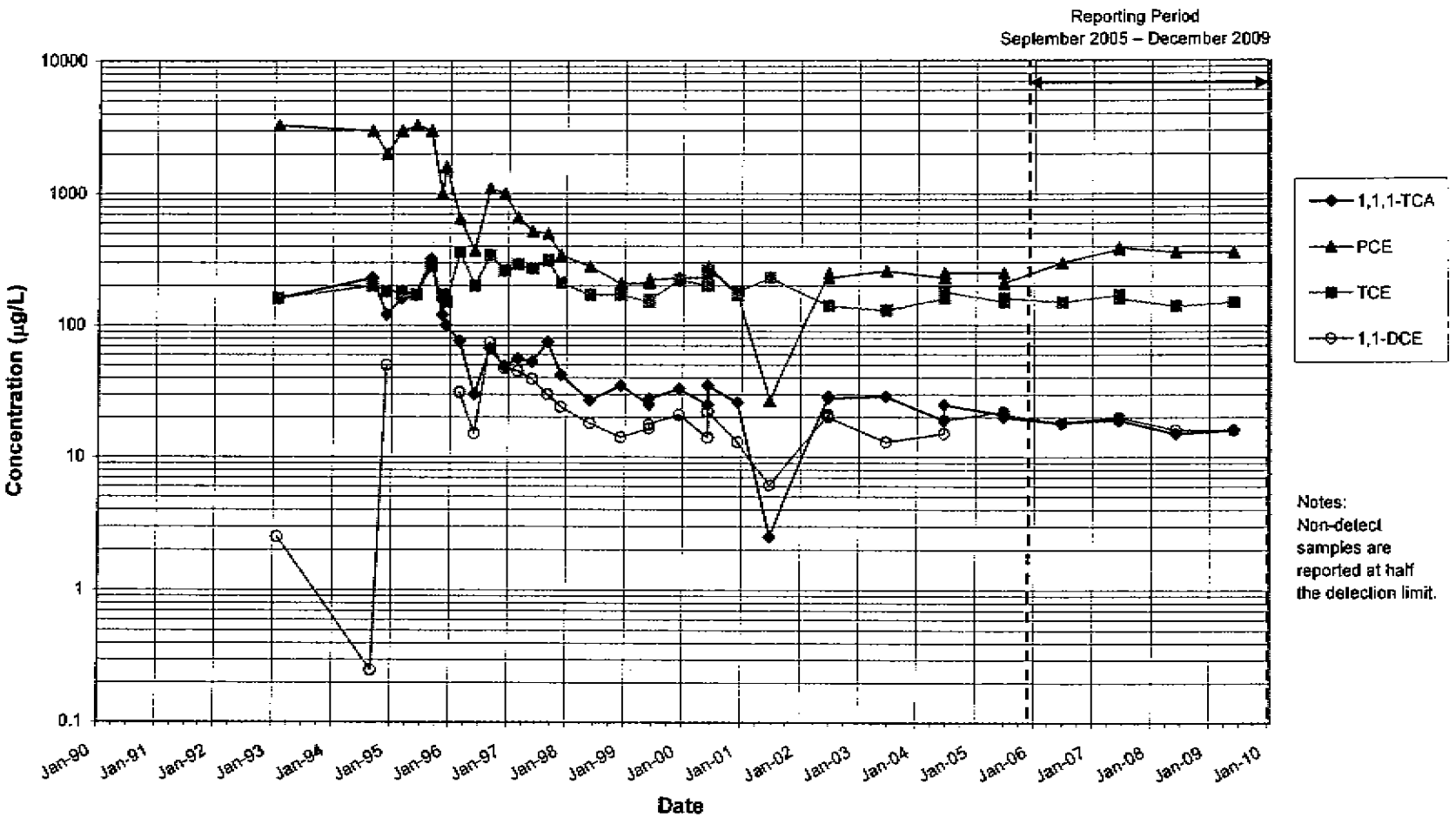
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
EW-10



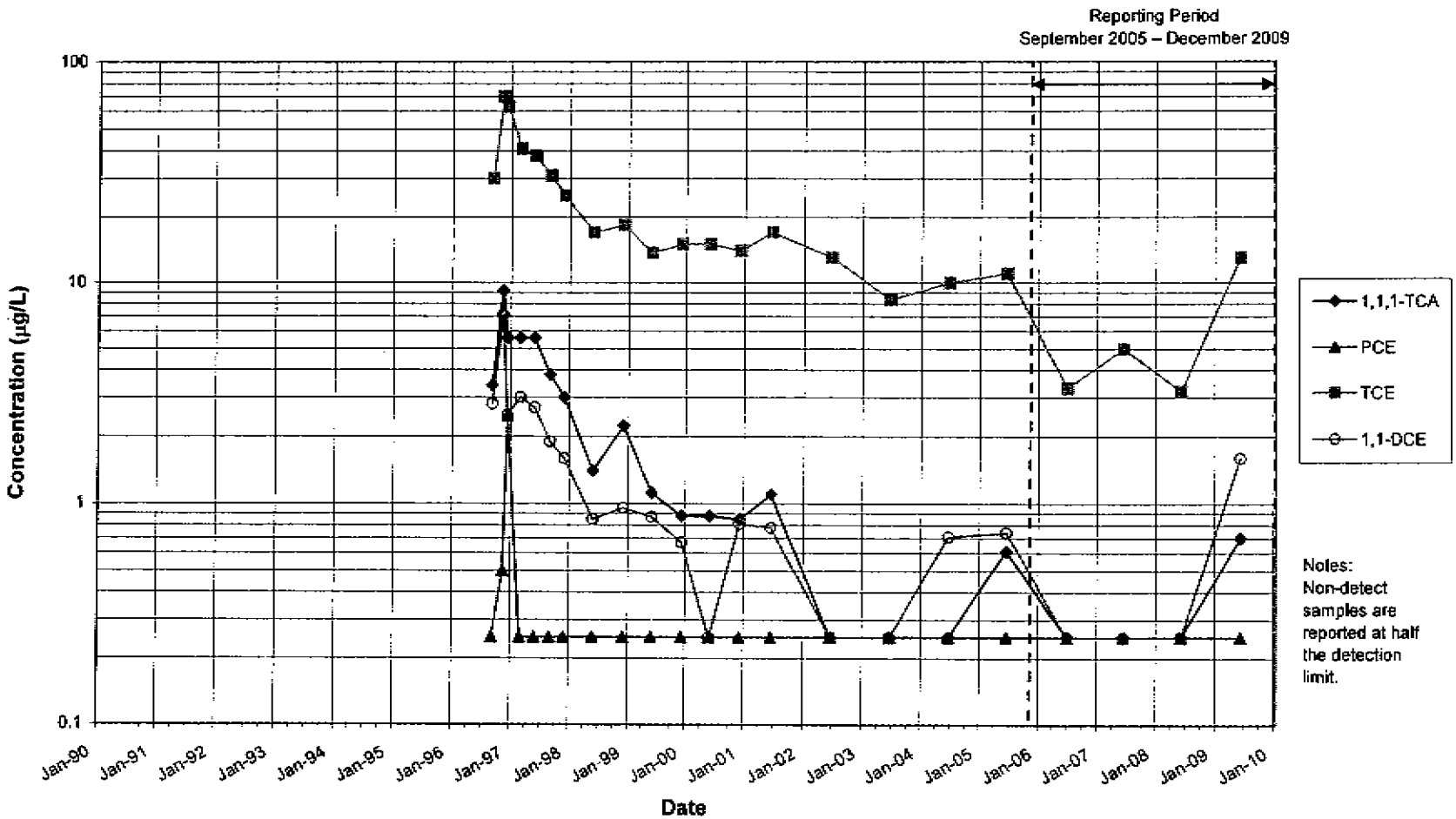
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
EW-11R



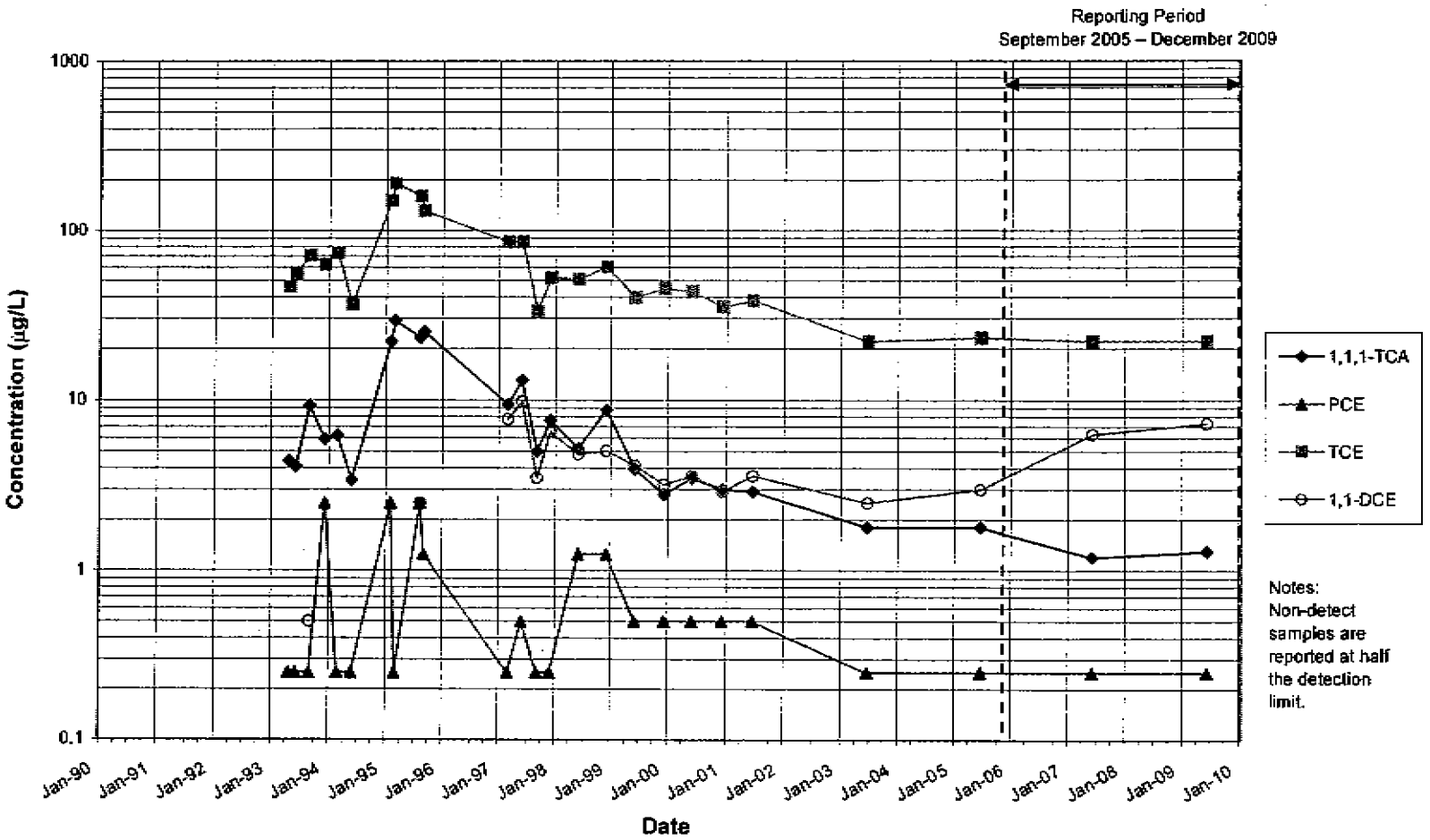
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
EW-12



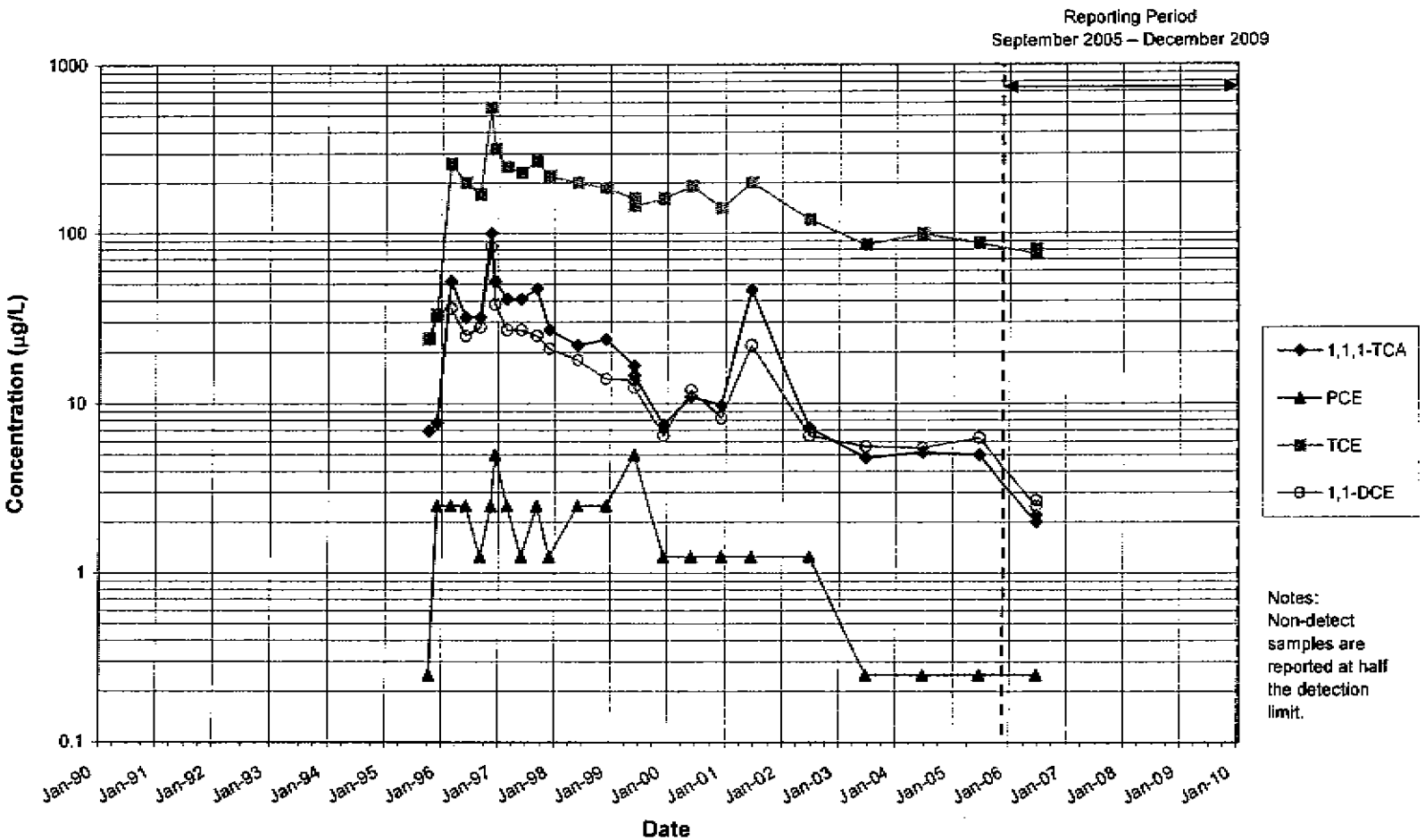
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
EW-13



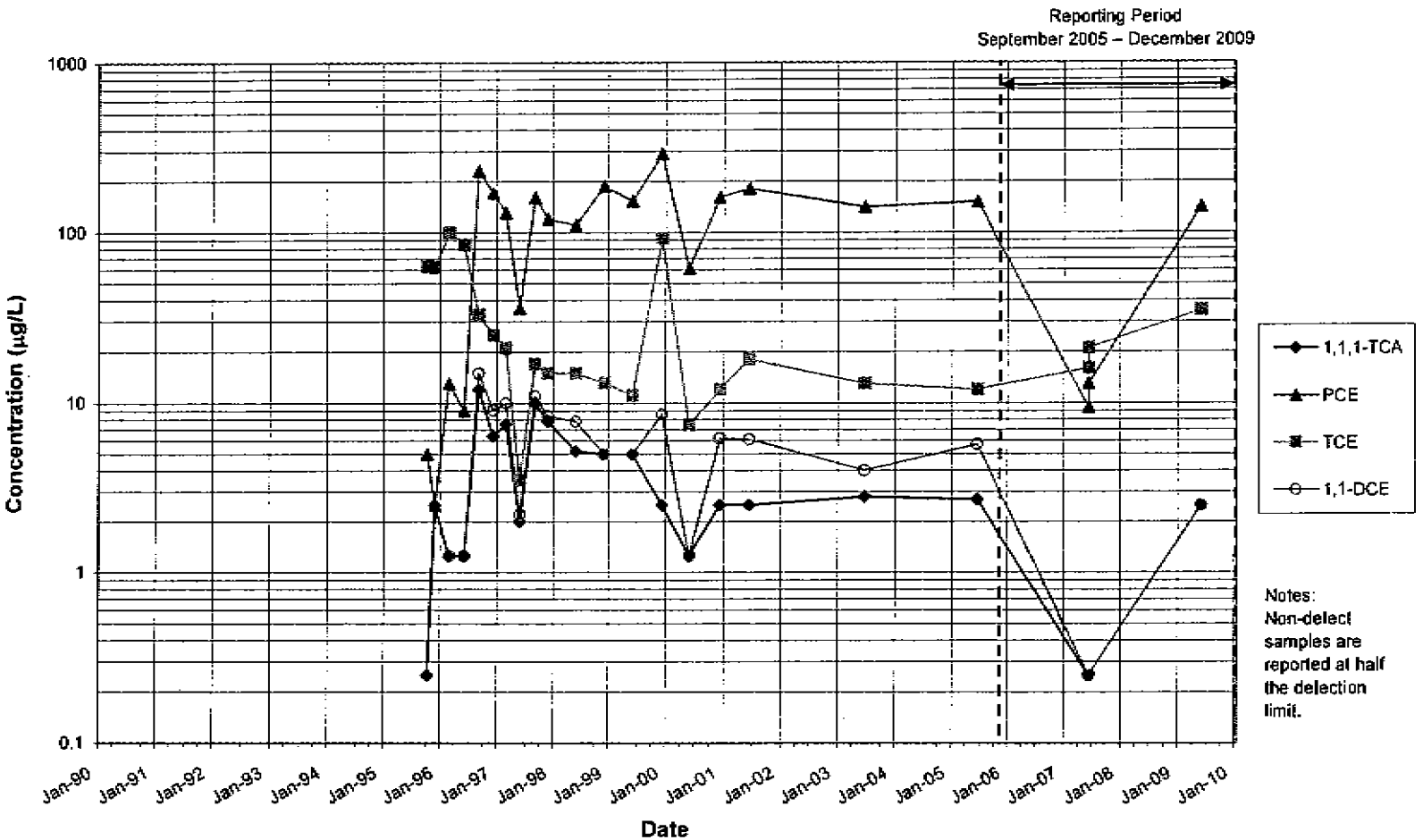
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
EW-14



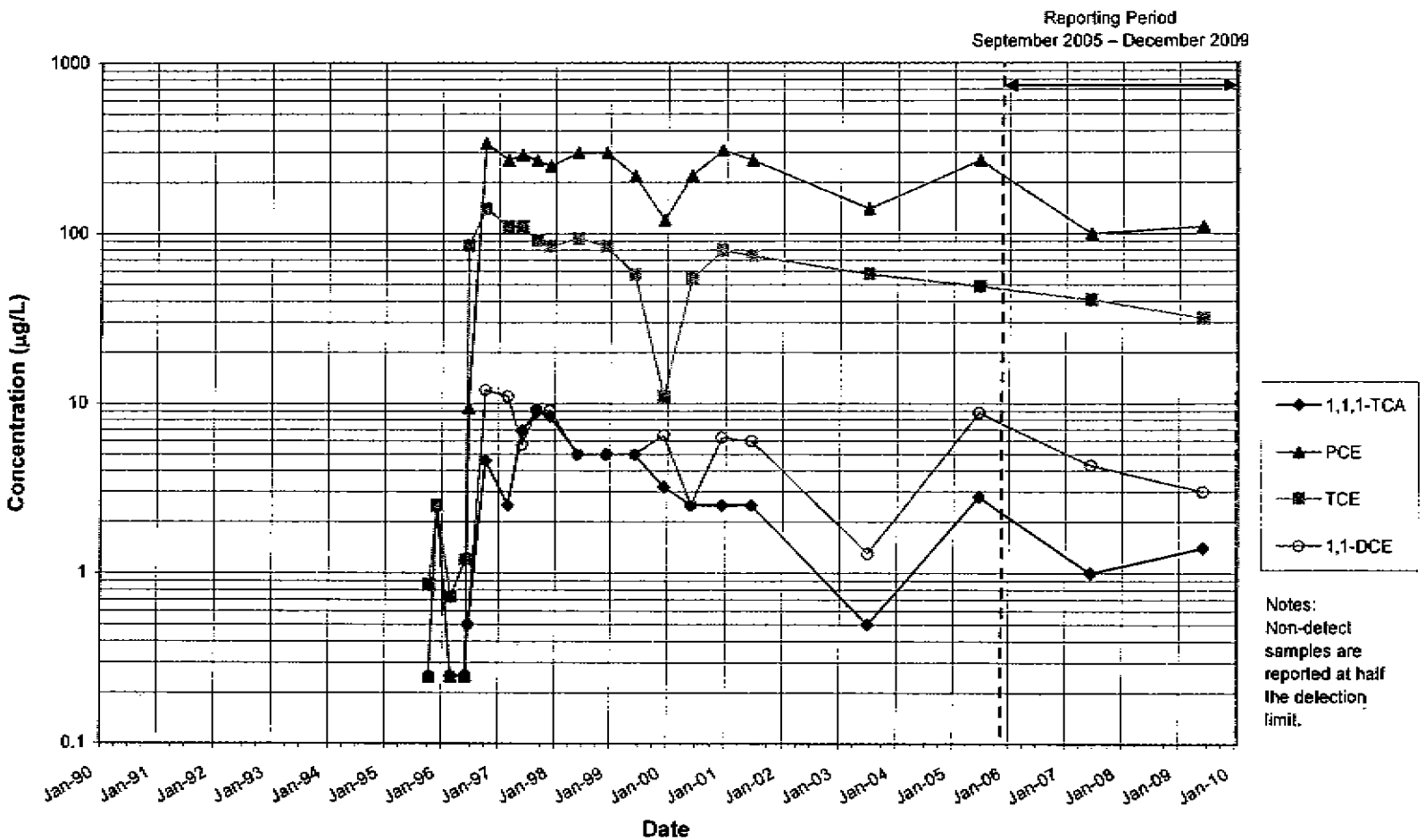
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
EW-15



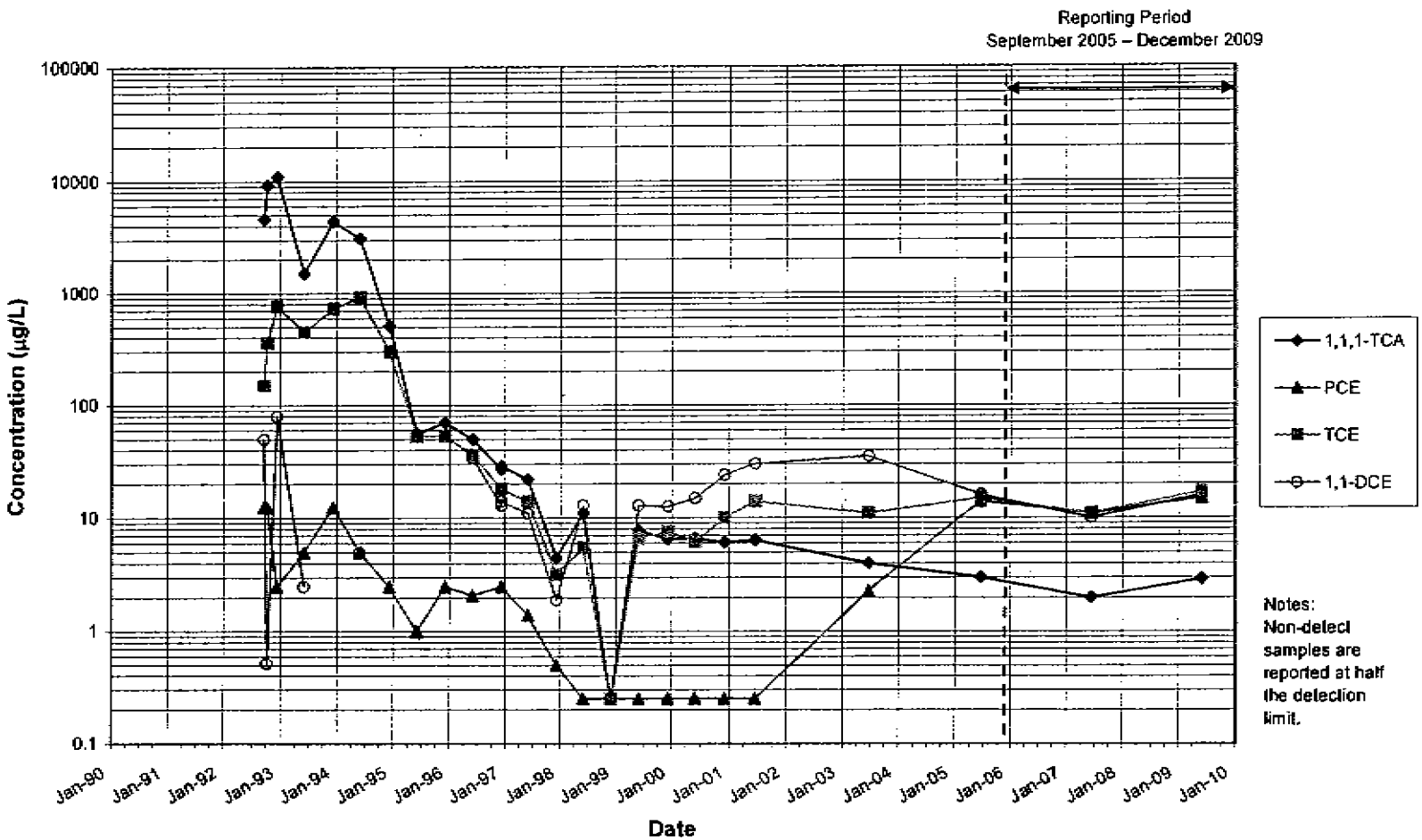
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
EW-16



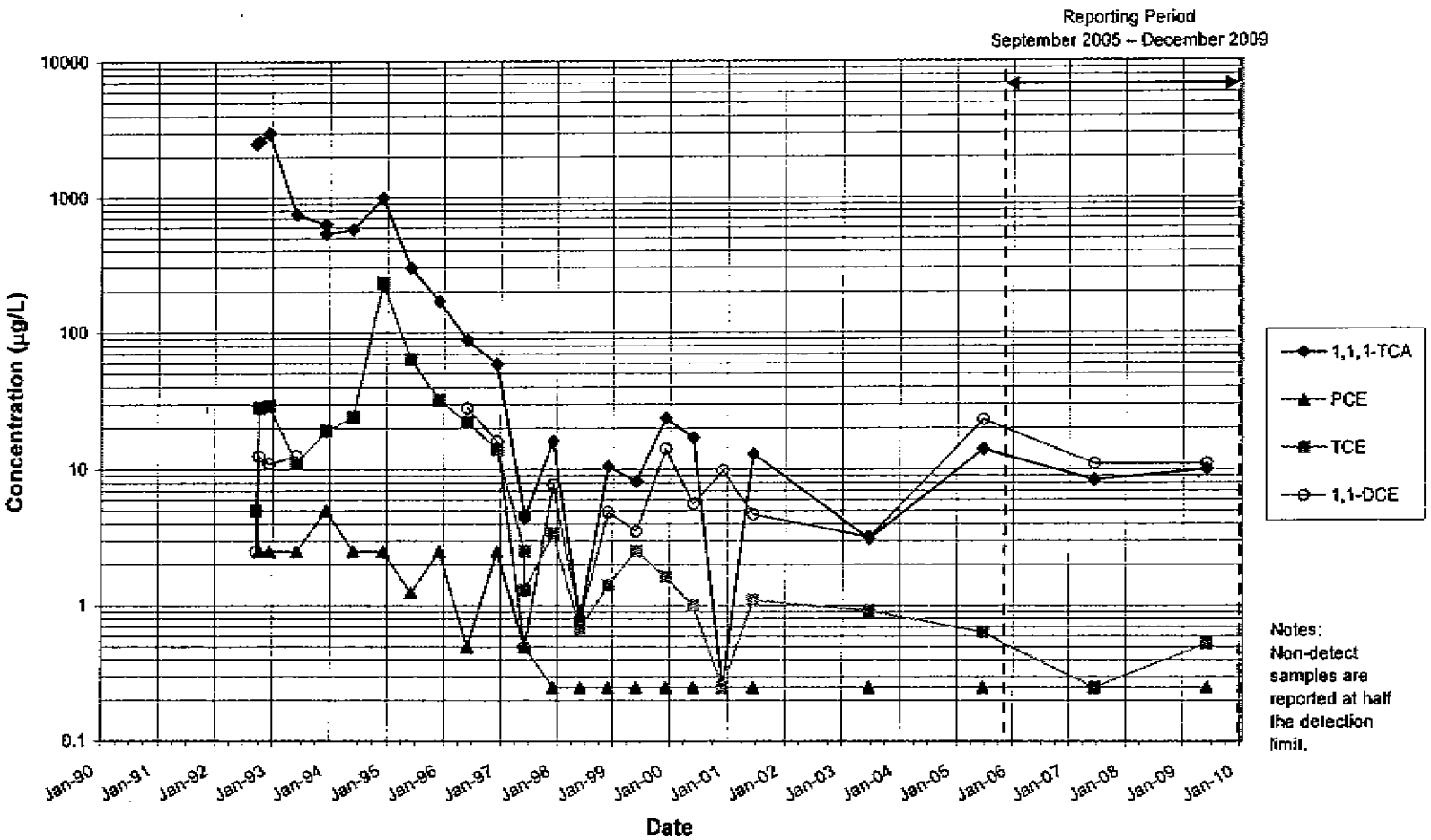
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
F106A1



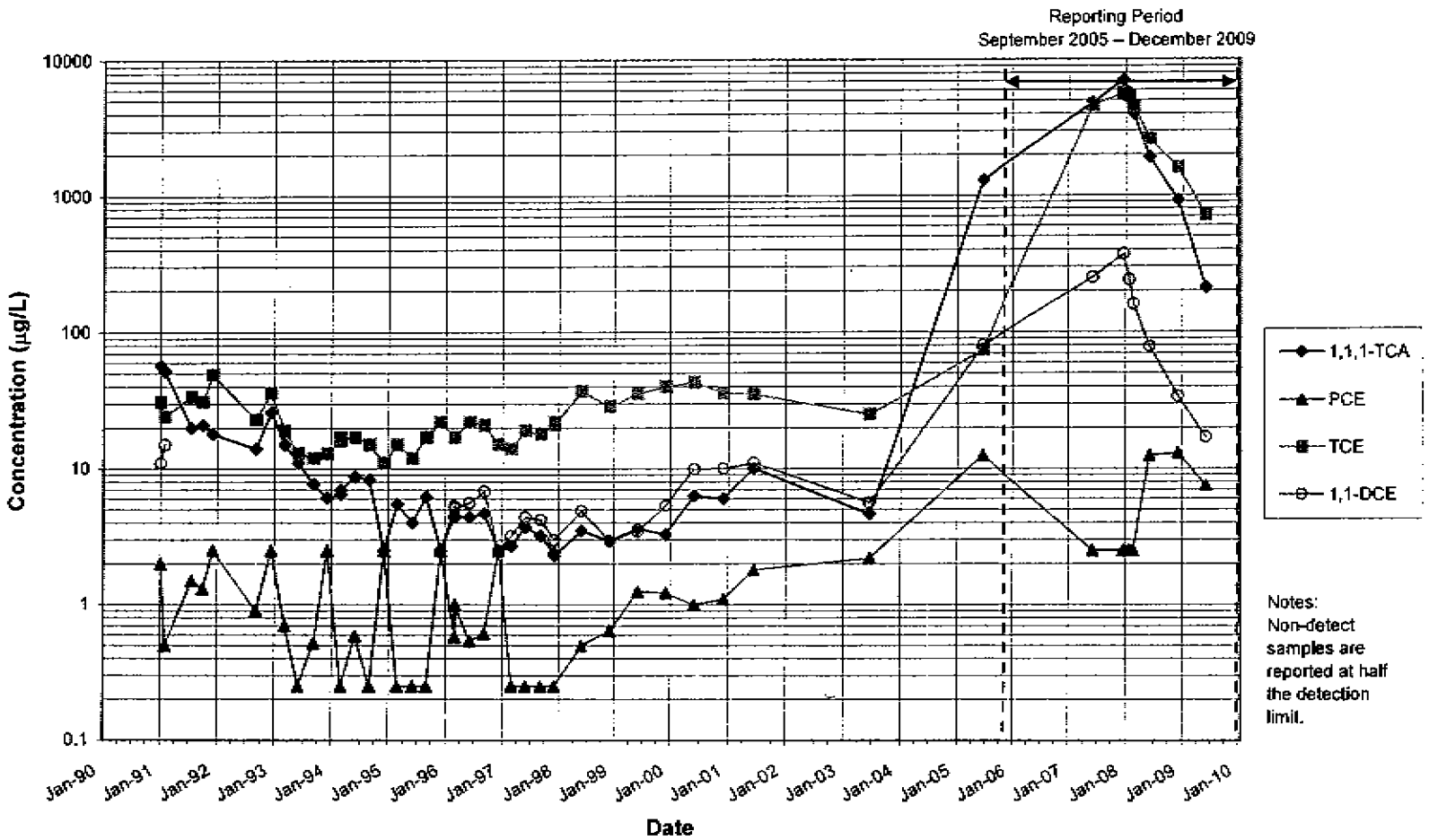
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
F107A2



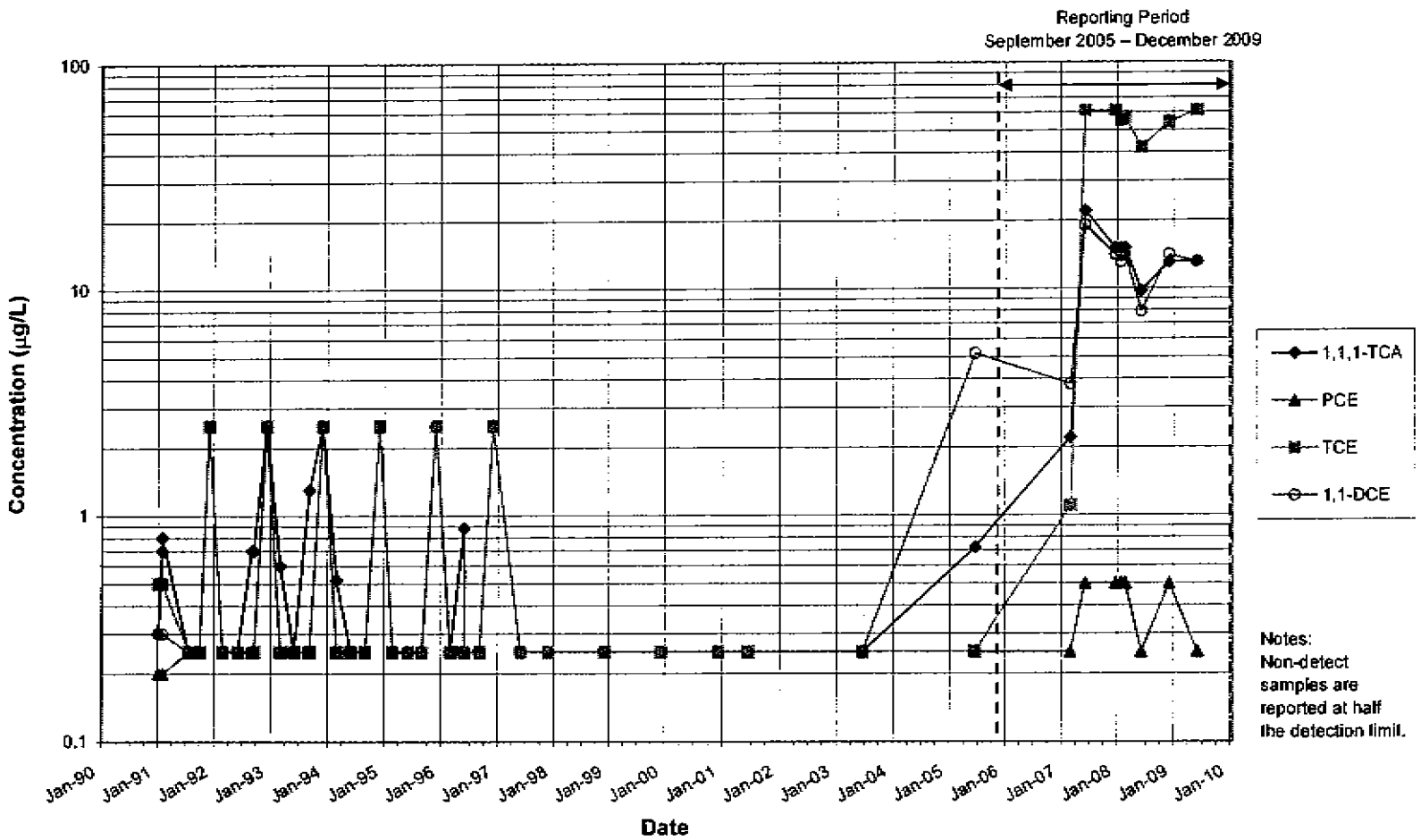
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
F123A1

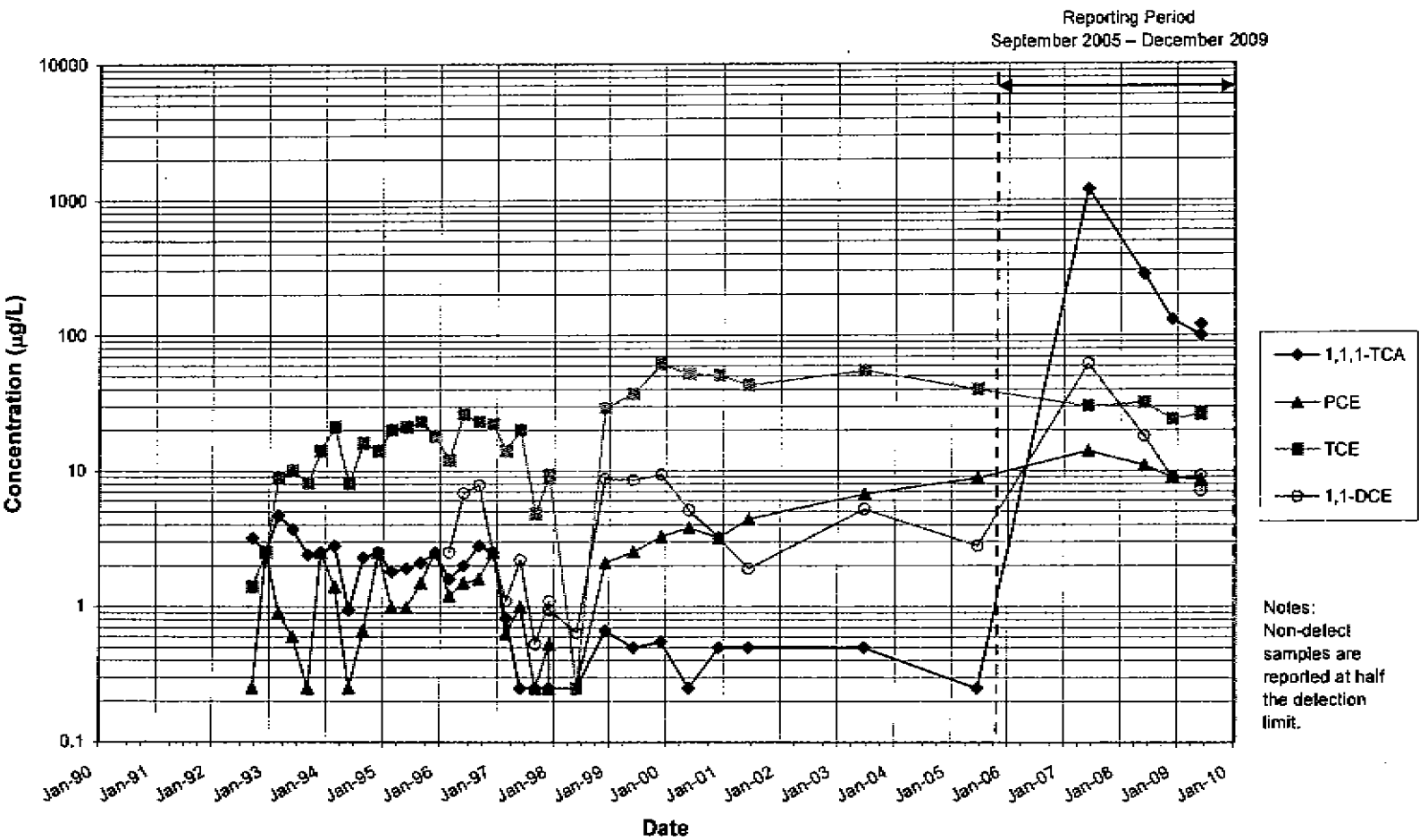


Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
F124A2

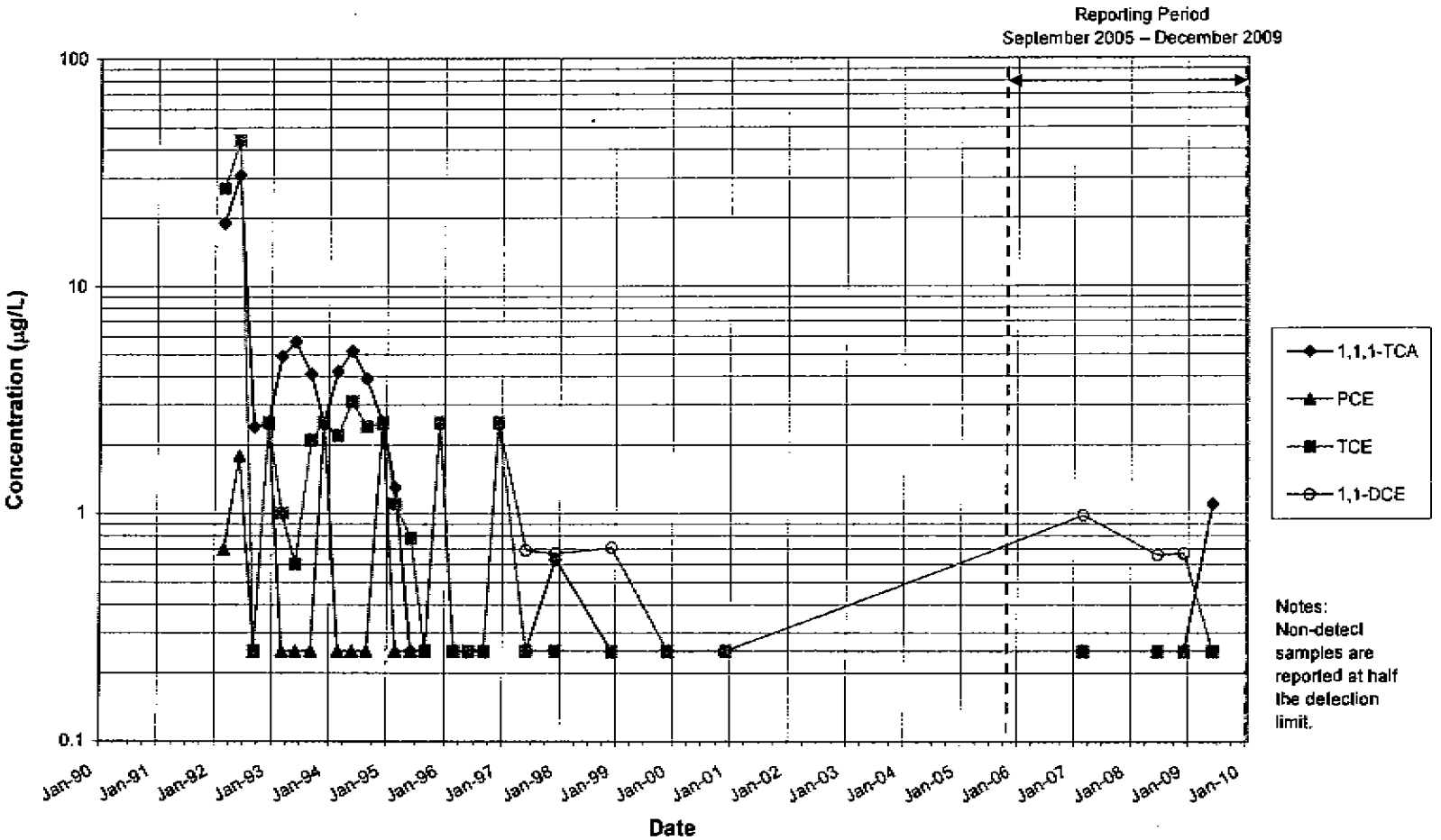


Selected VOC Concentrations vs. Time
F125A1



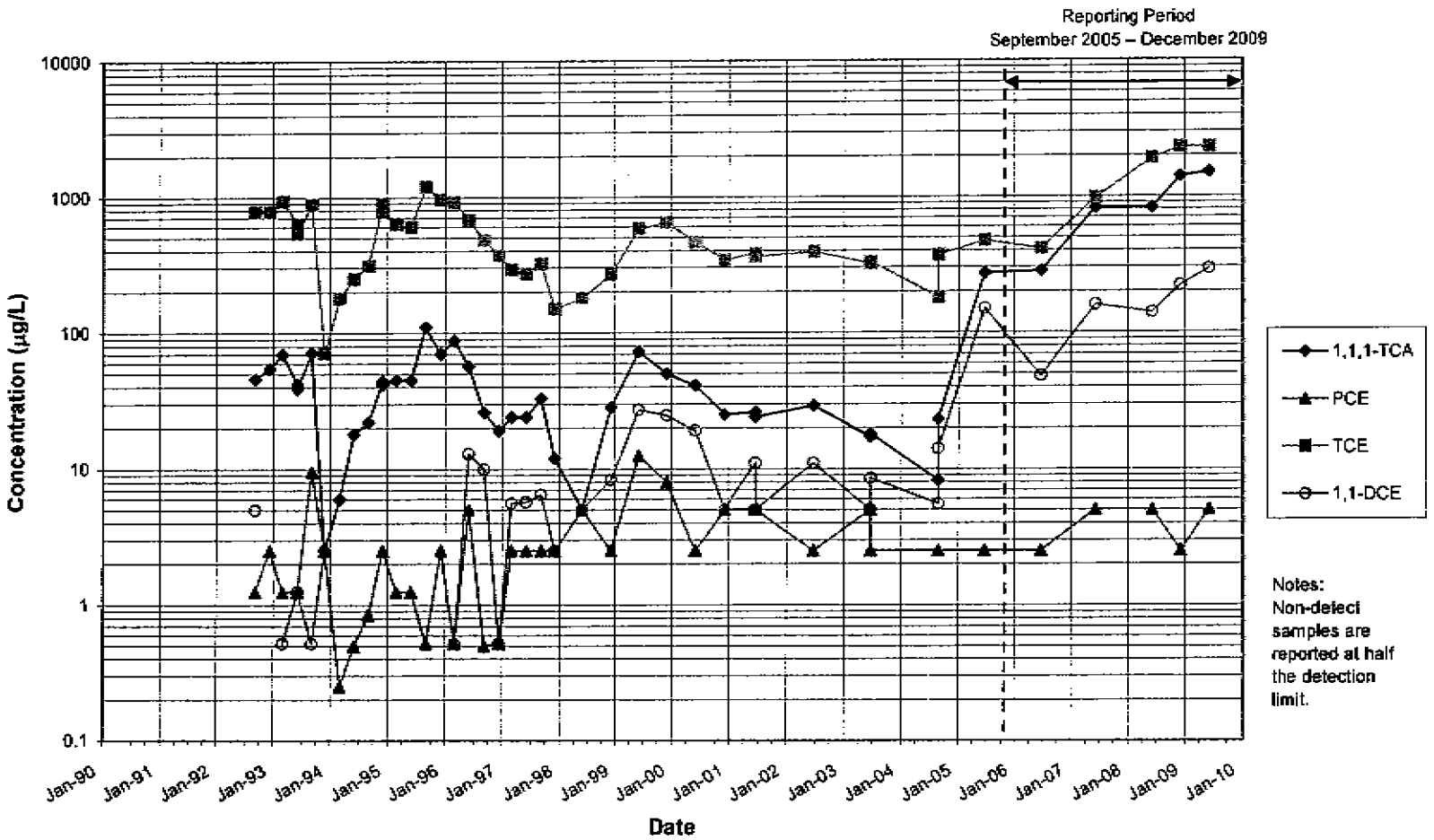
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
F126A2



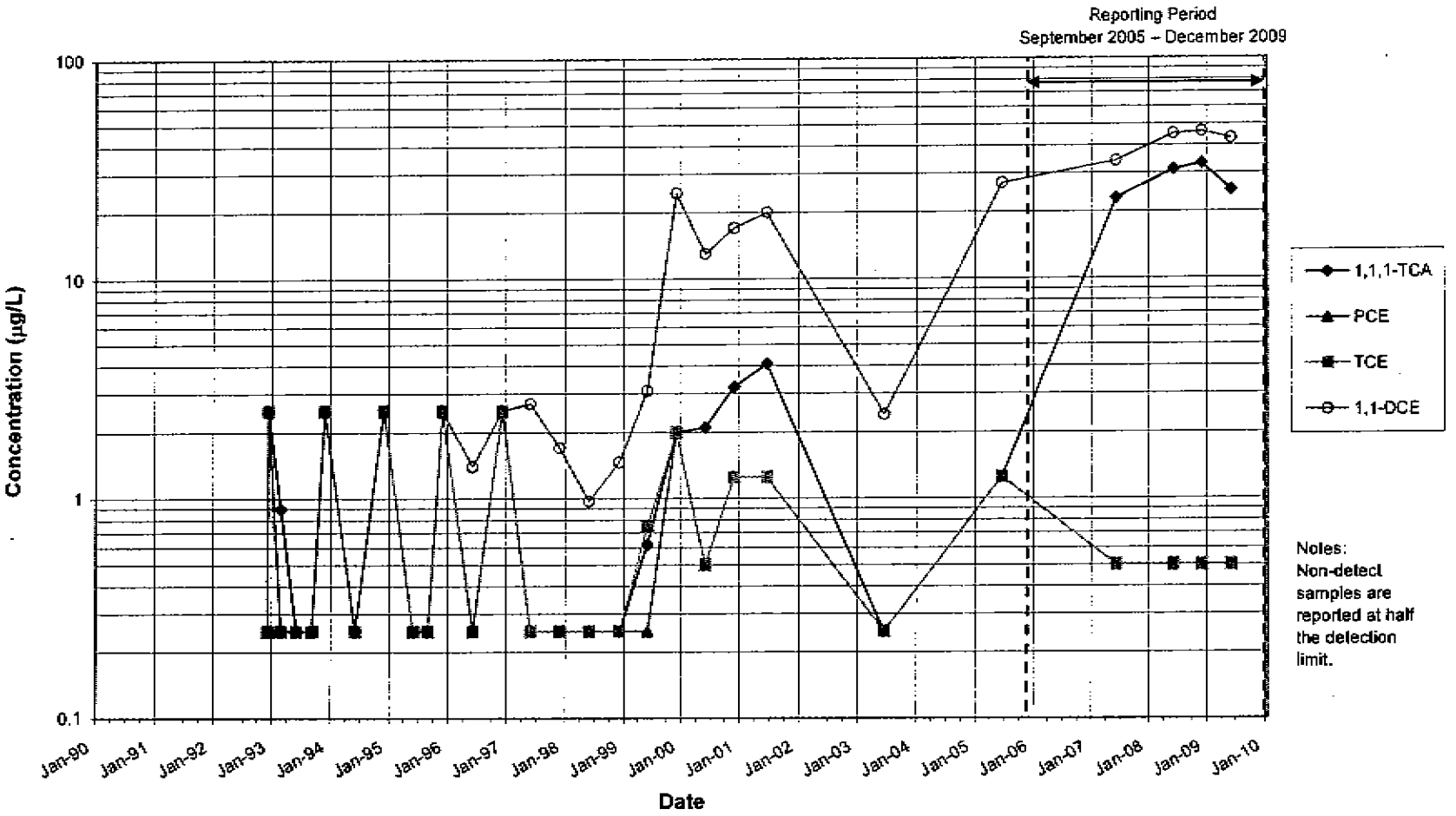
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
F127A1



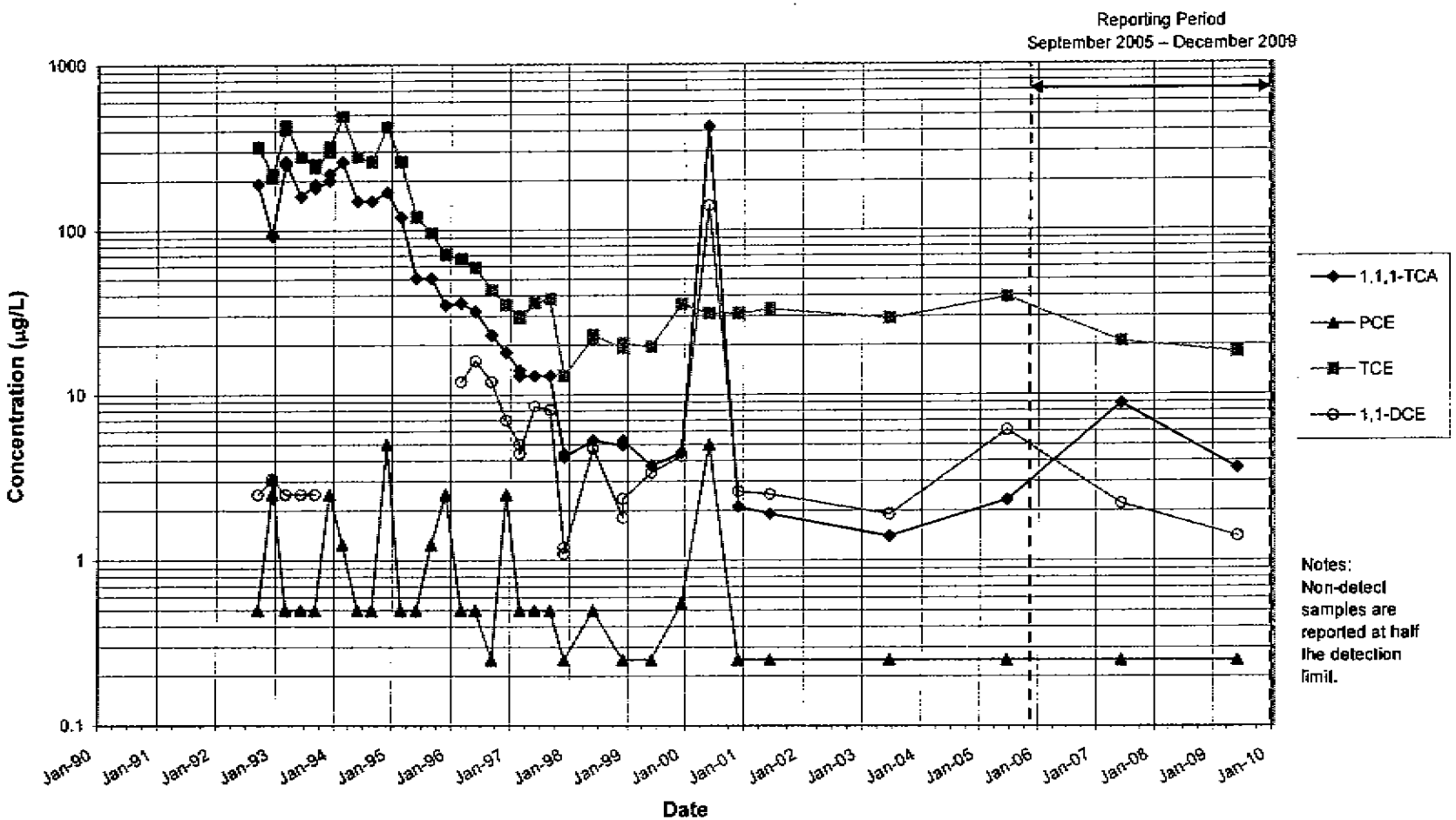
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
F129A1



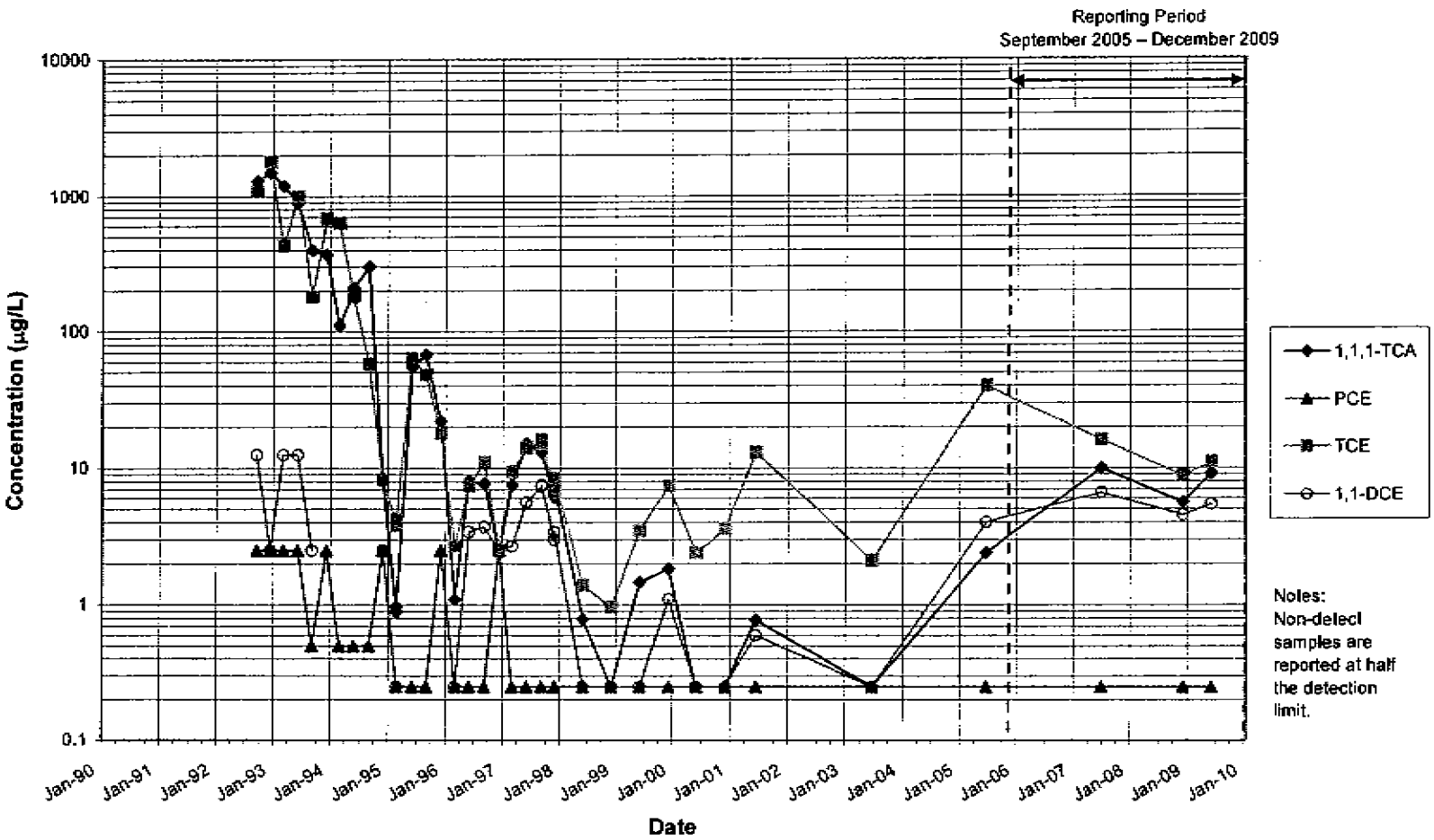
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
F130A1U



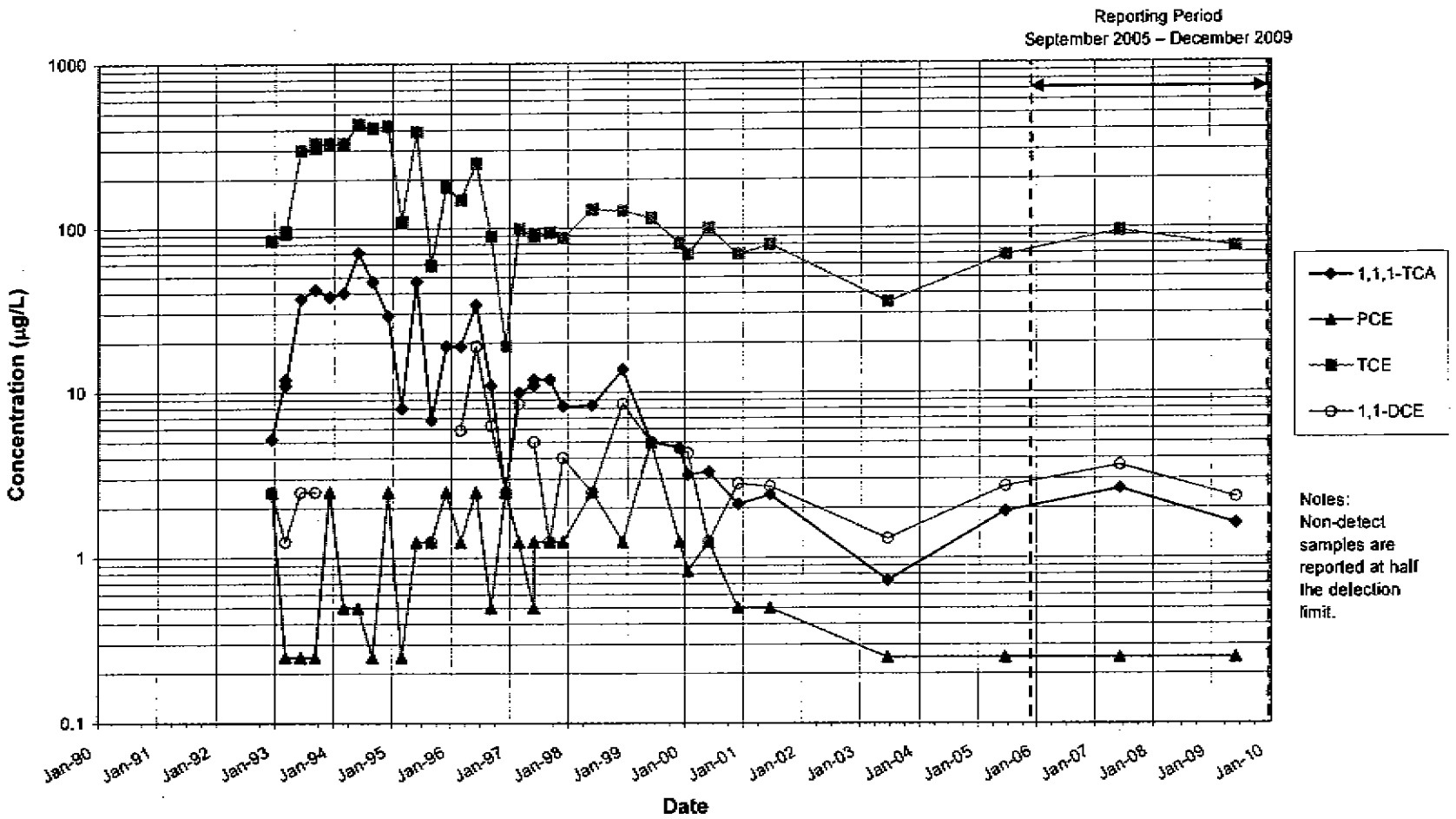
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
F131A1



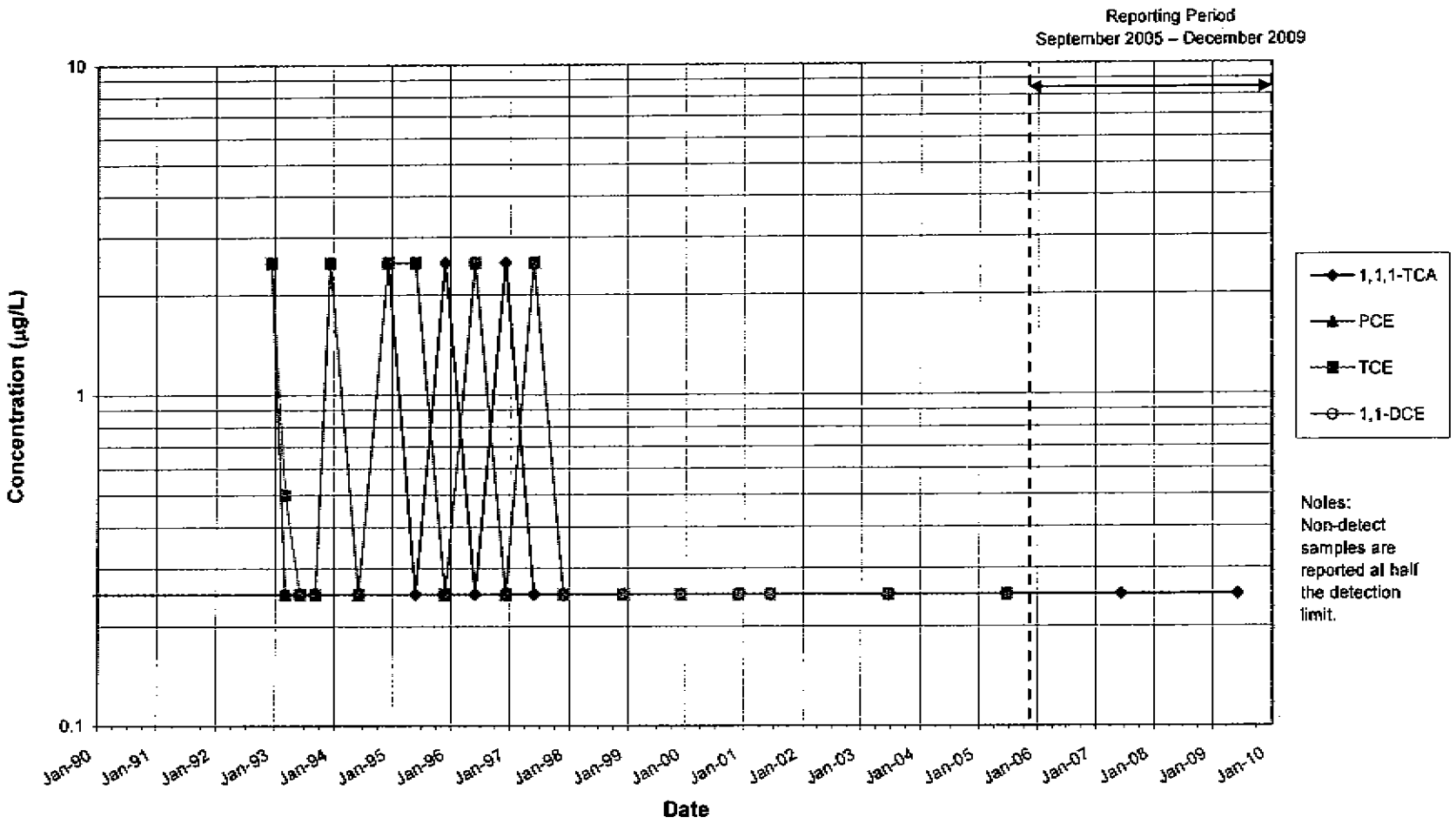
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
F135A1

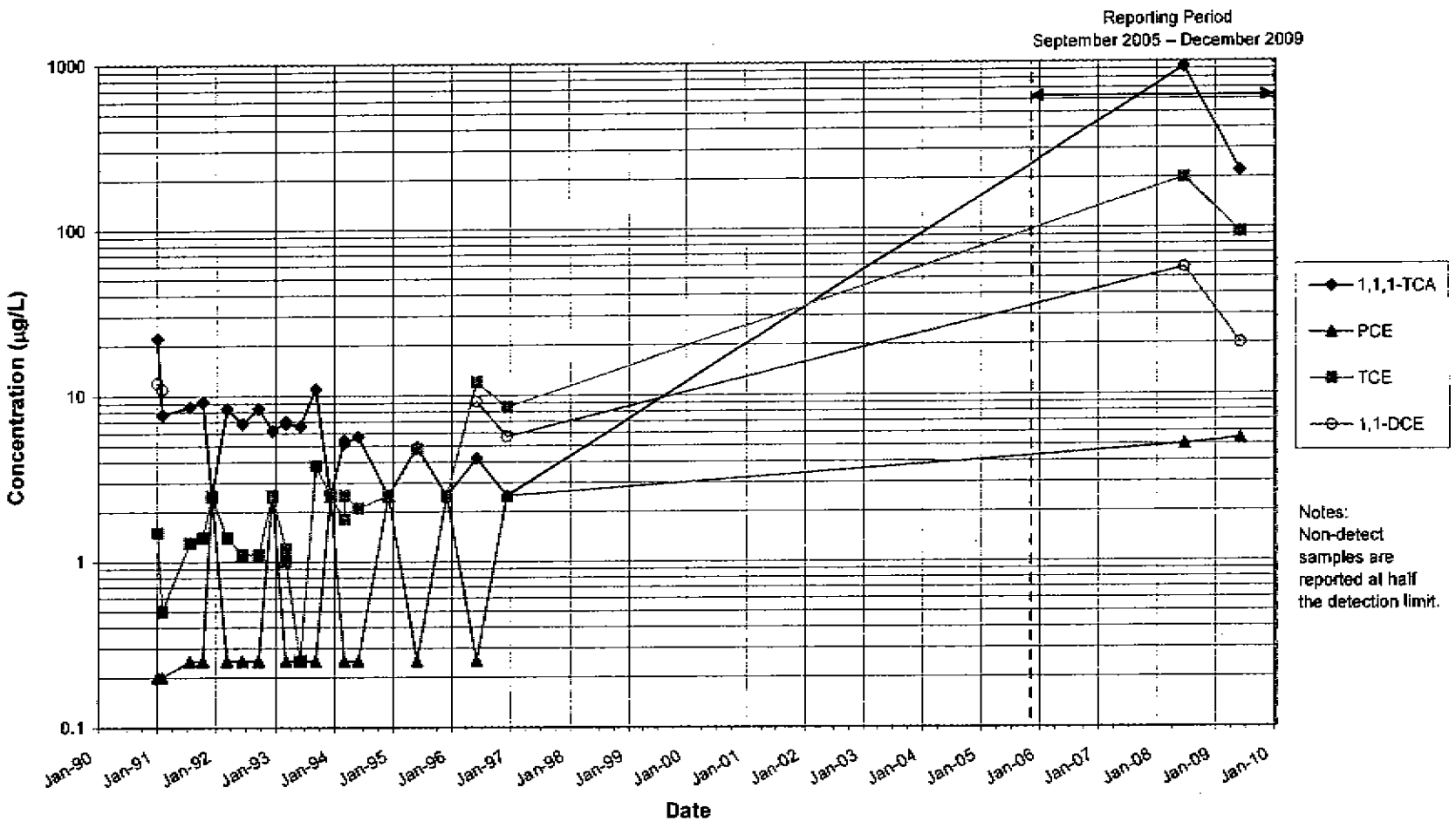


Notes:
Non-detect samples are reported at half the detection limit.

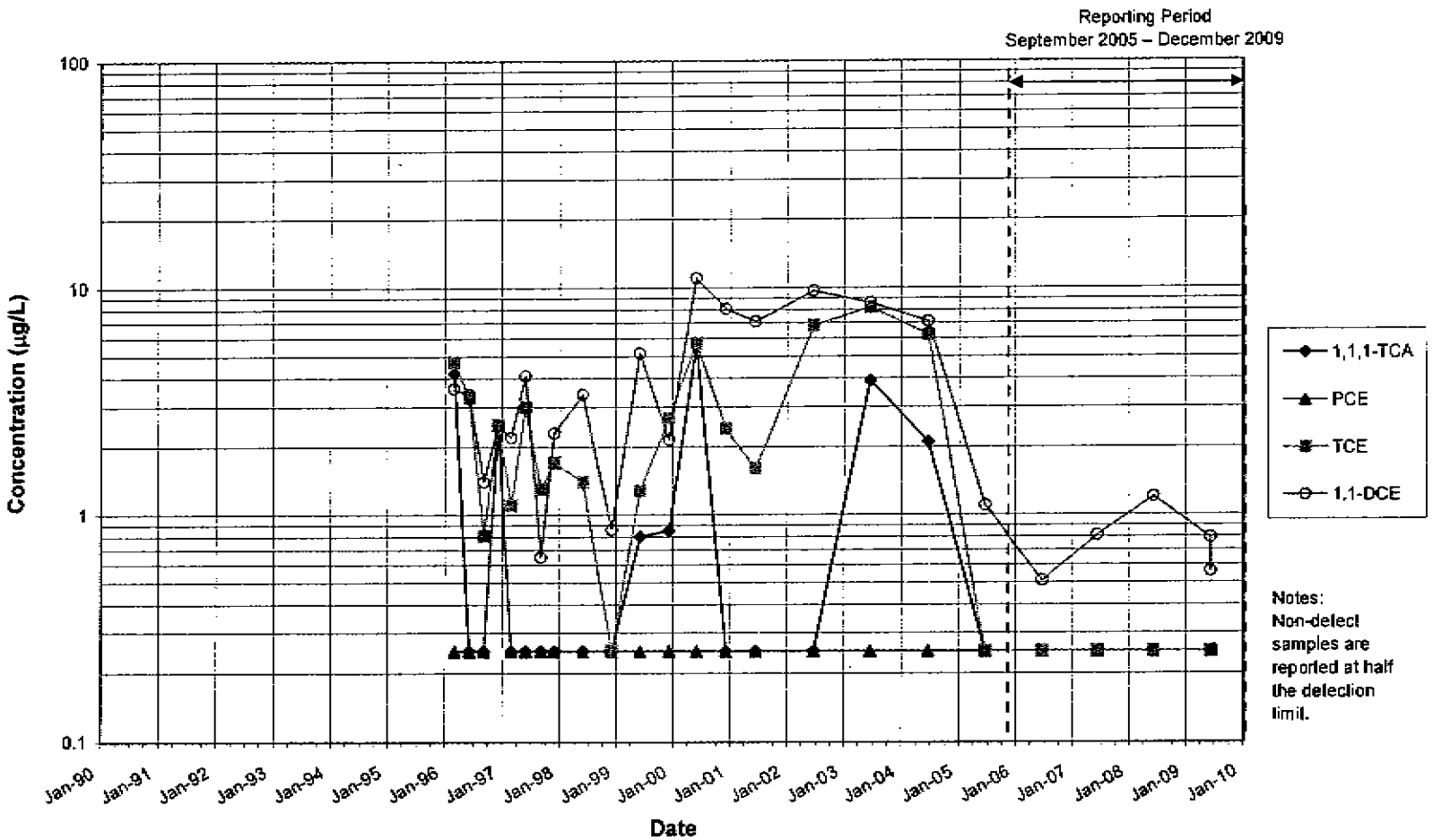
Selected VOC Concentrations vs. Time
F136A1



Selected VOC Concentrations vs. Time
F137A1

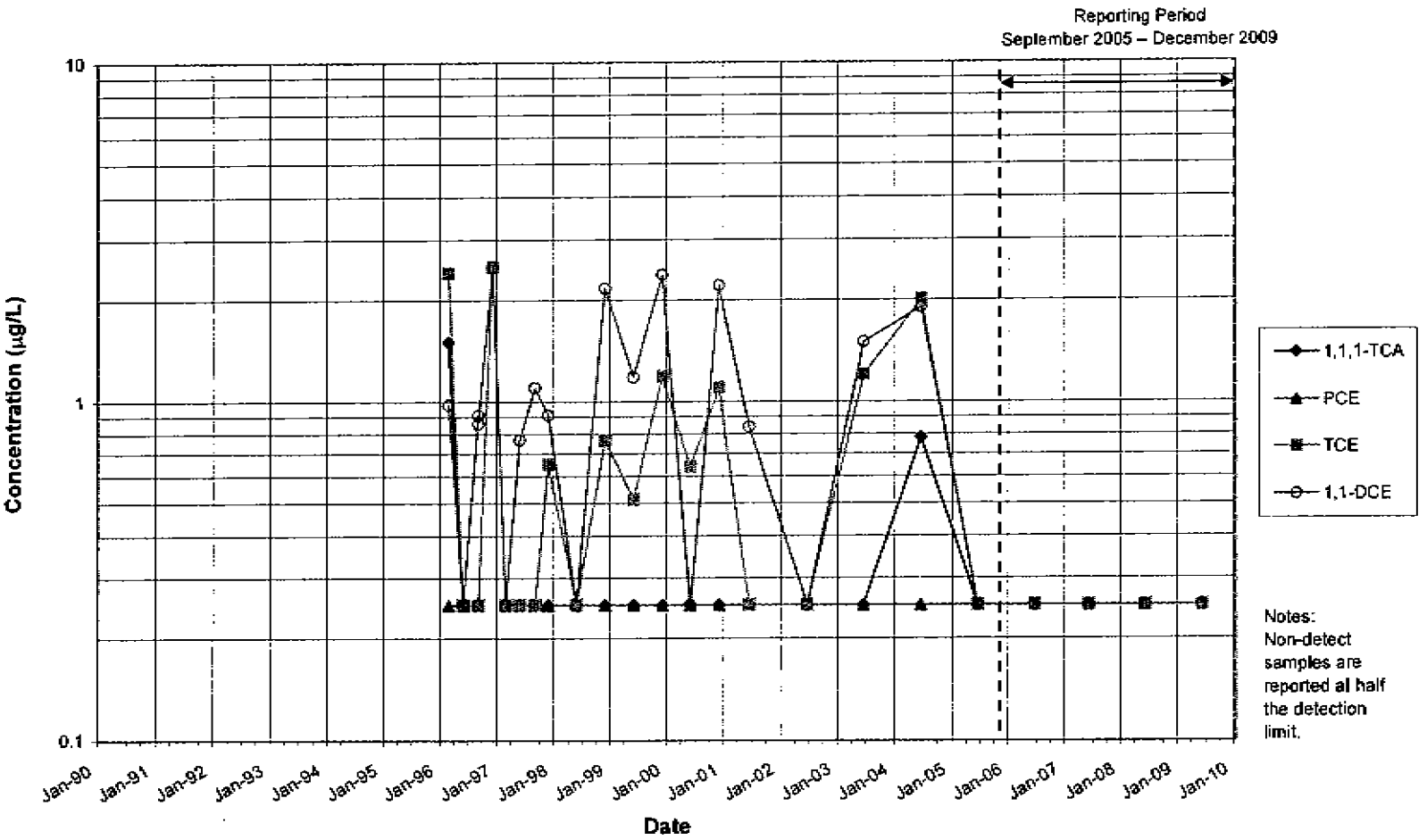


Selected VOC Concentrations vs. Time
F138A1U



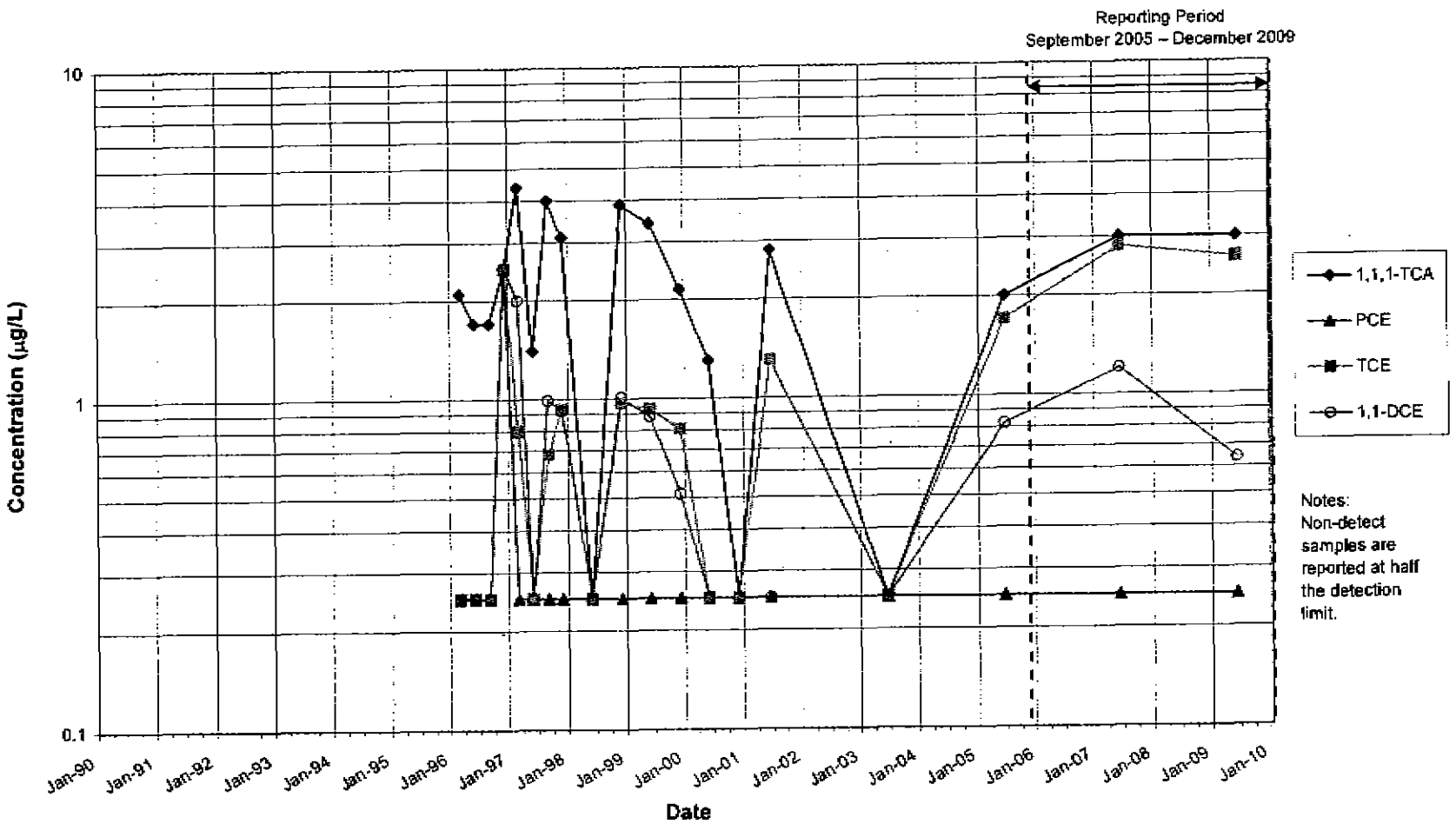
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
F139A1

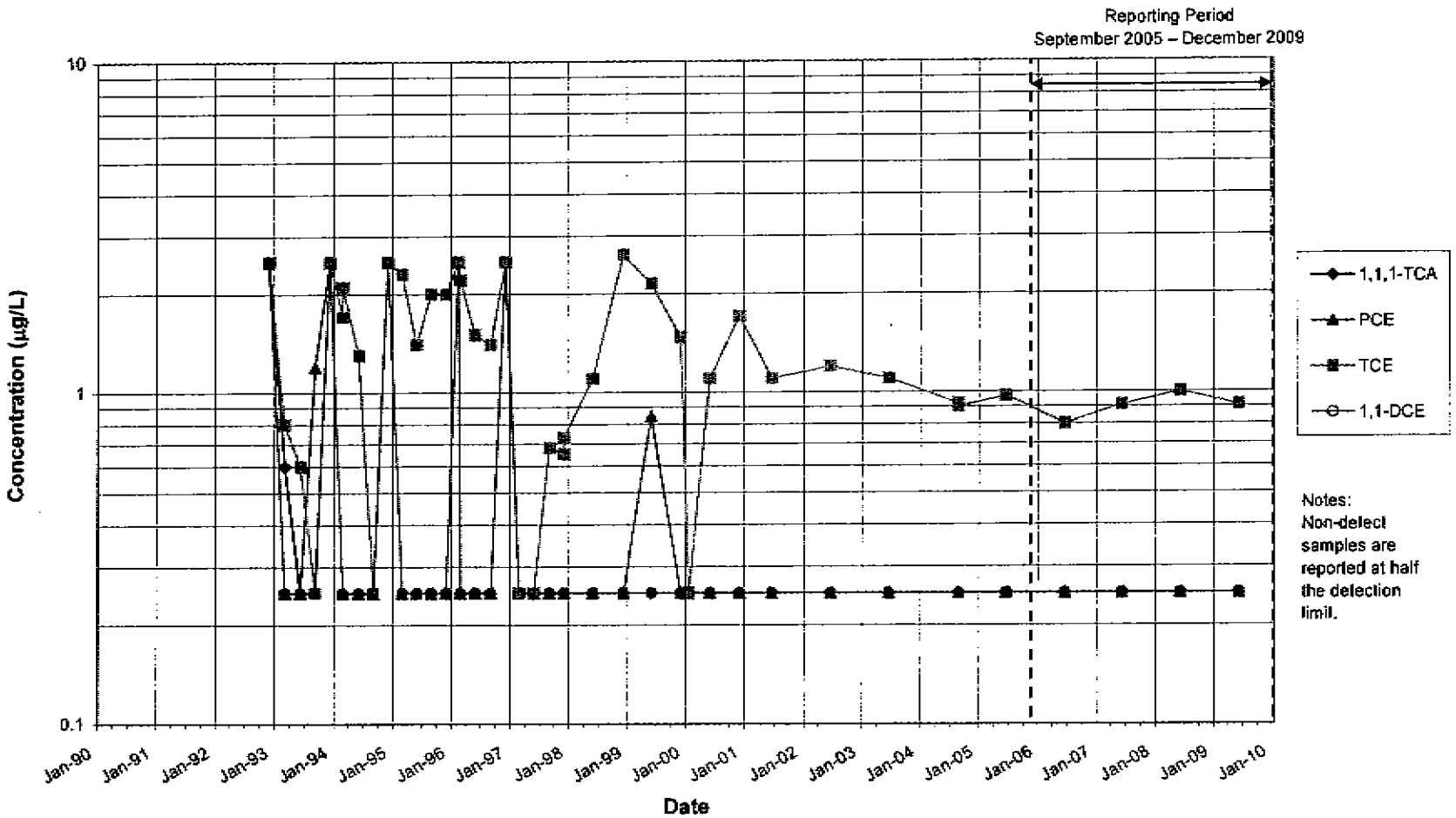


Notes:
Non-detect samples are reported at half the detection limit.

Selecled VOC Concentrations vs. Time
F140A1

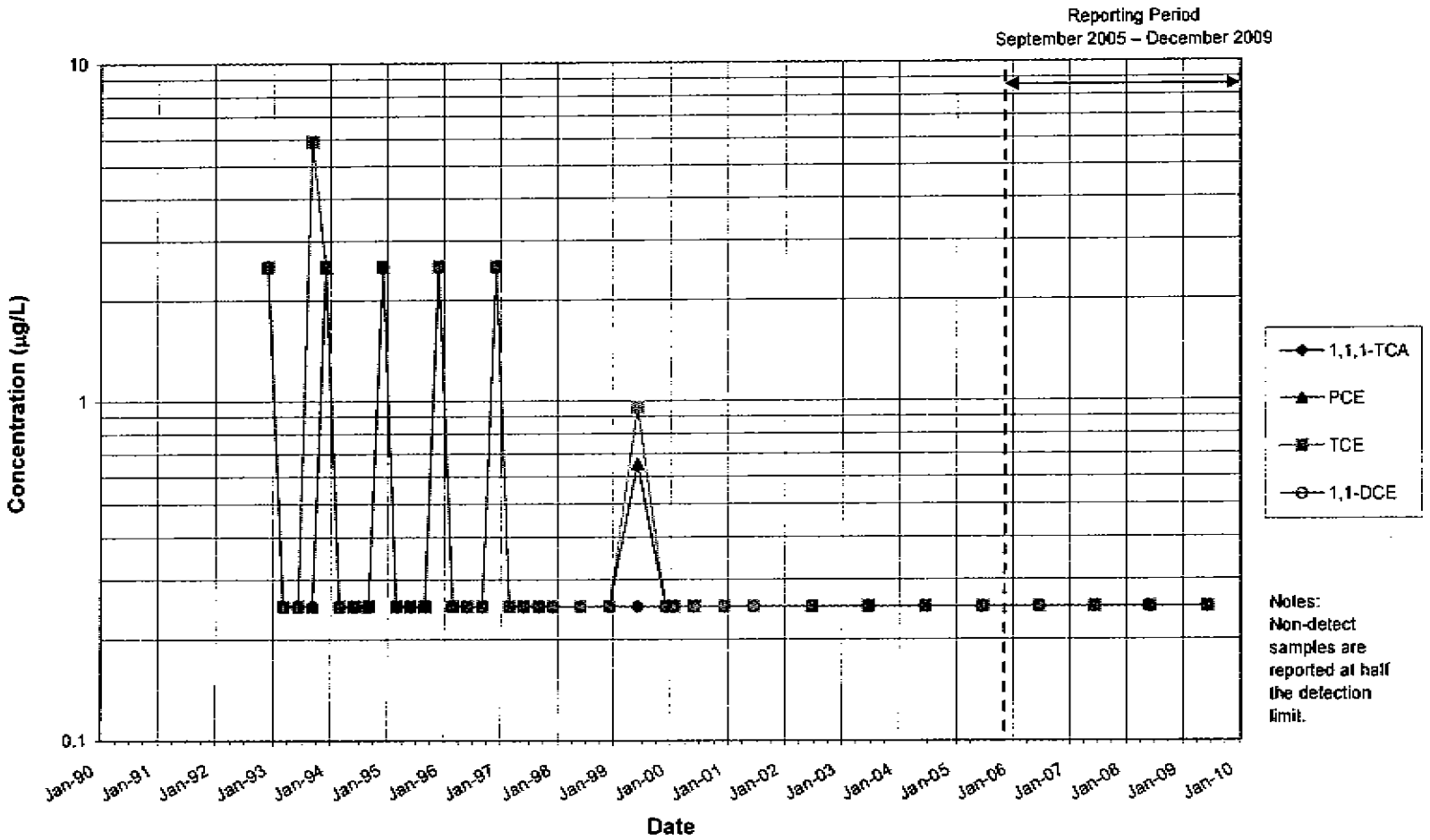


Selected VOC Concentrations vs. Time
F141A1U



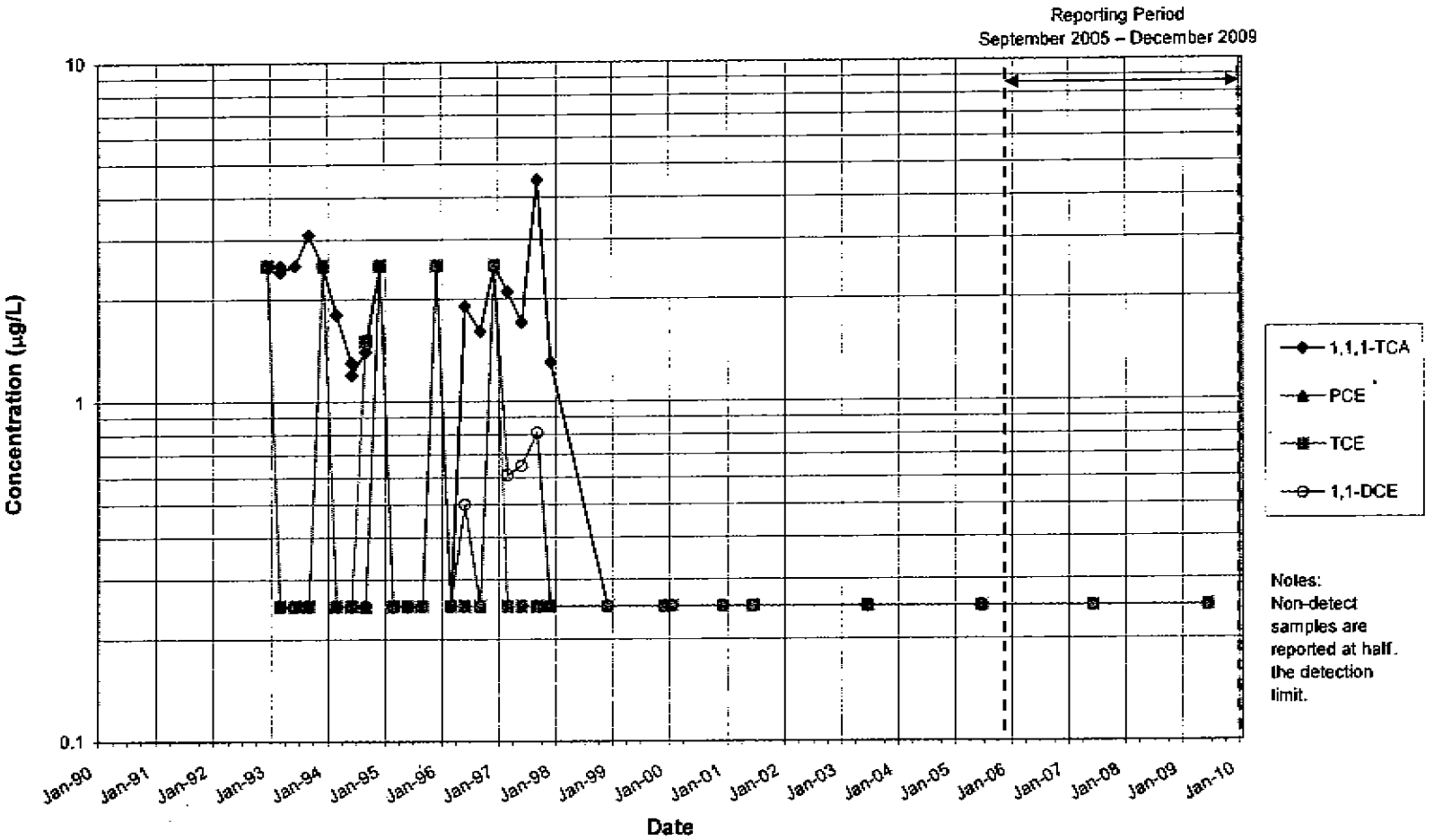
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
F142A1



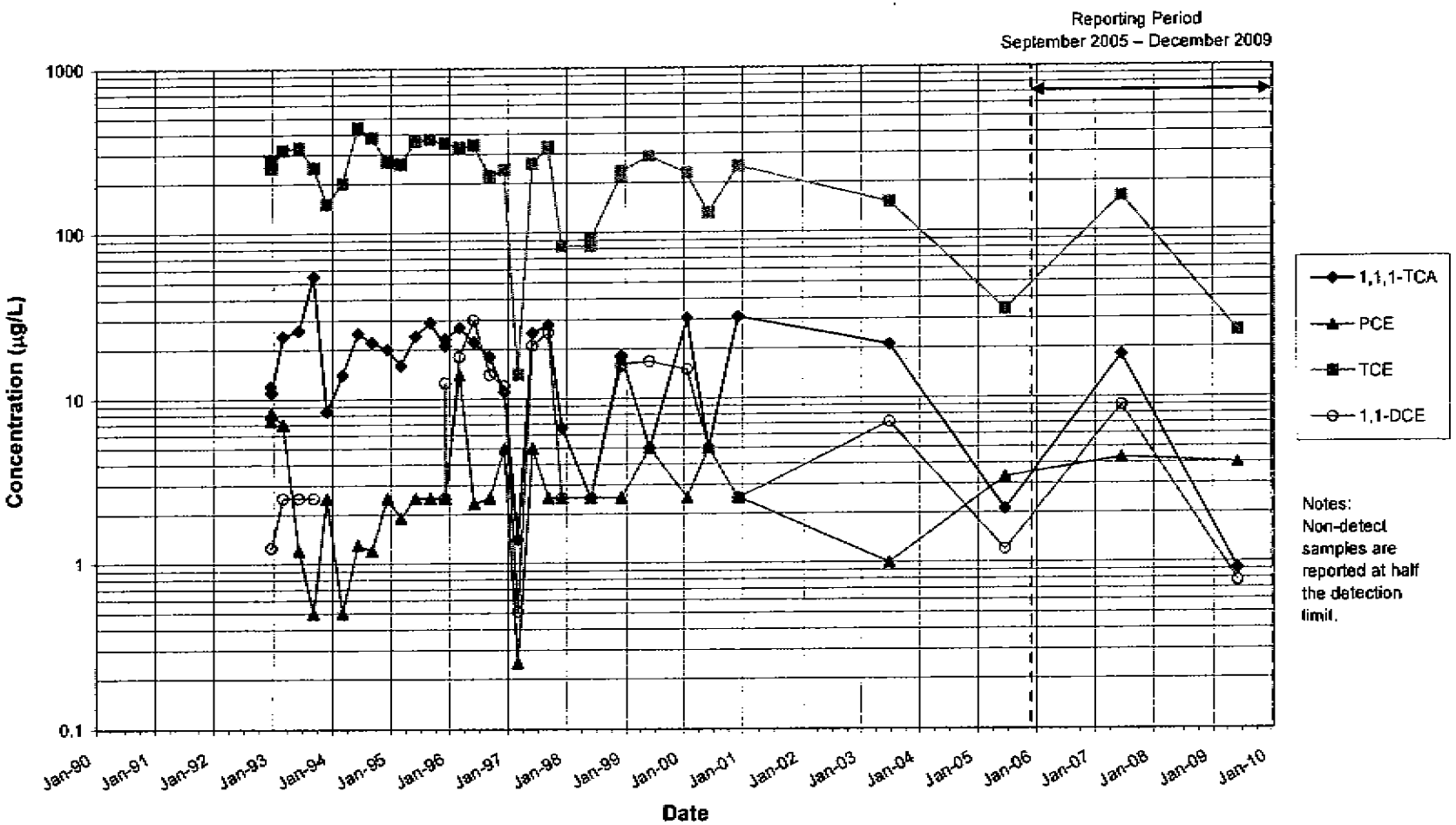
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
F143A1U



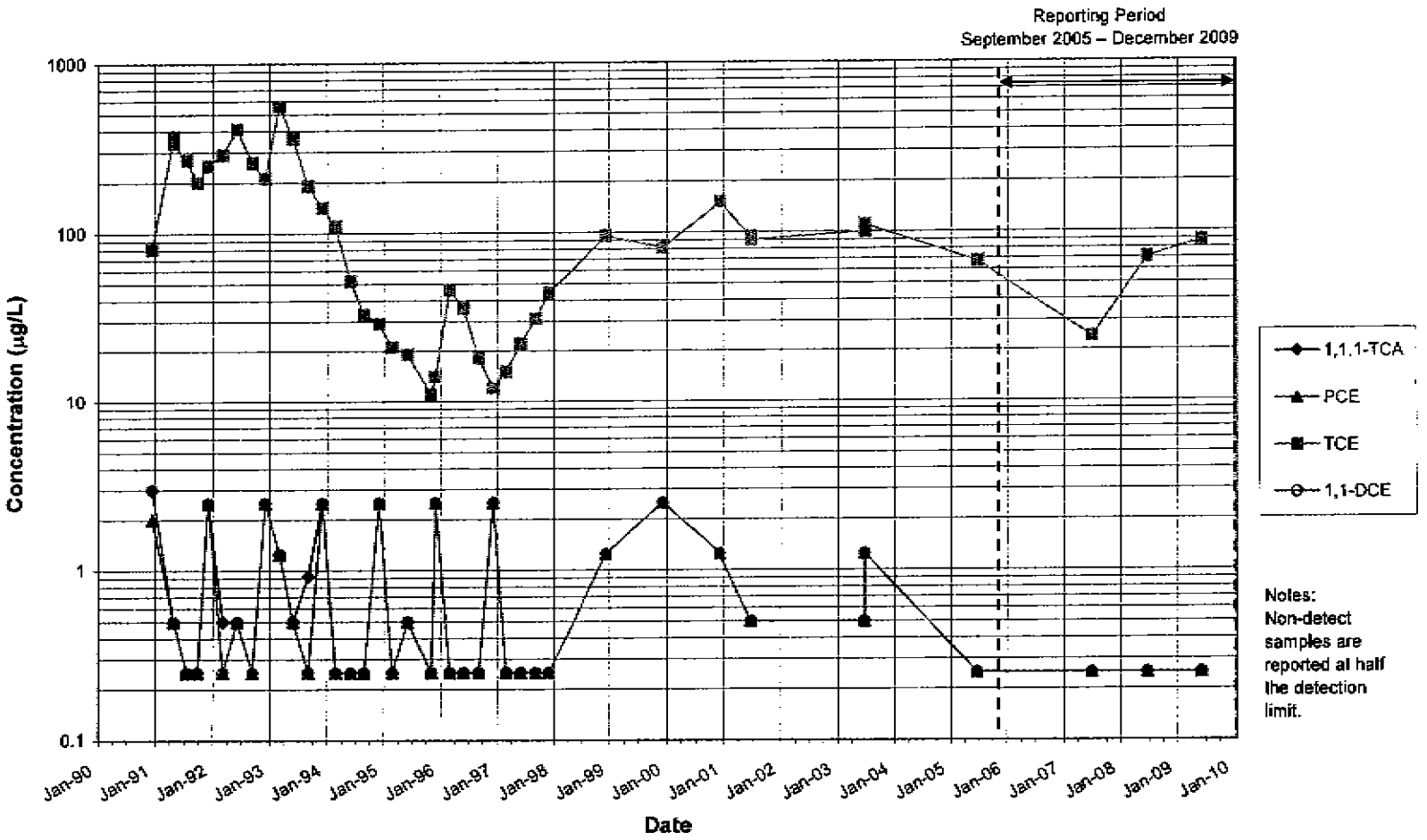
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
F145A1



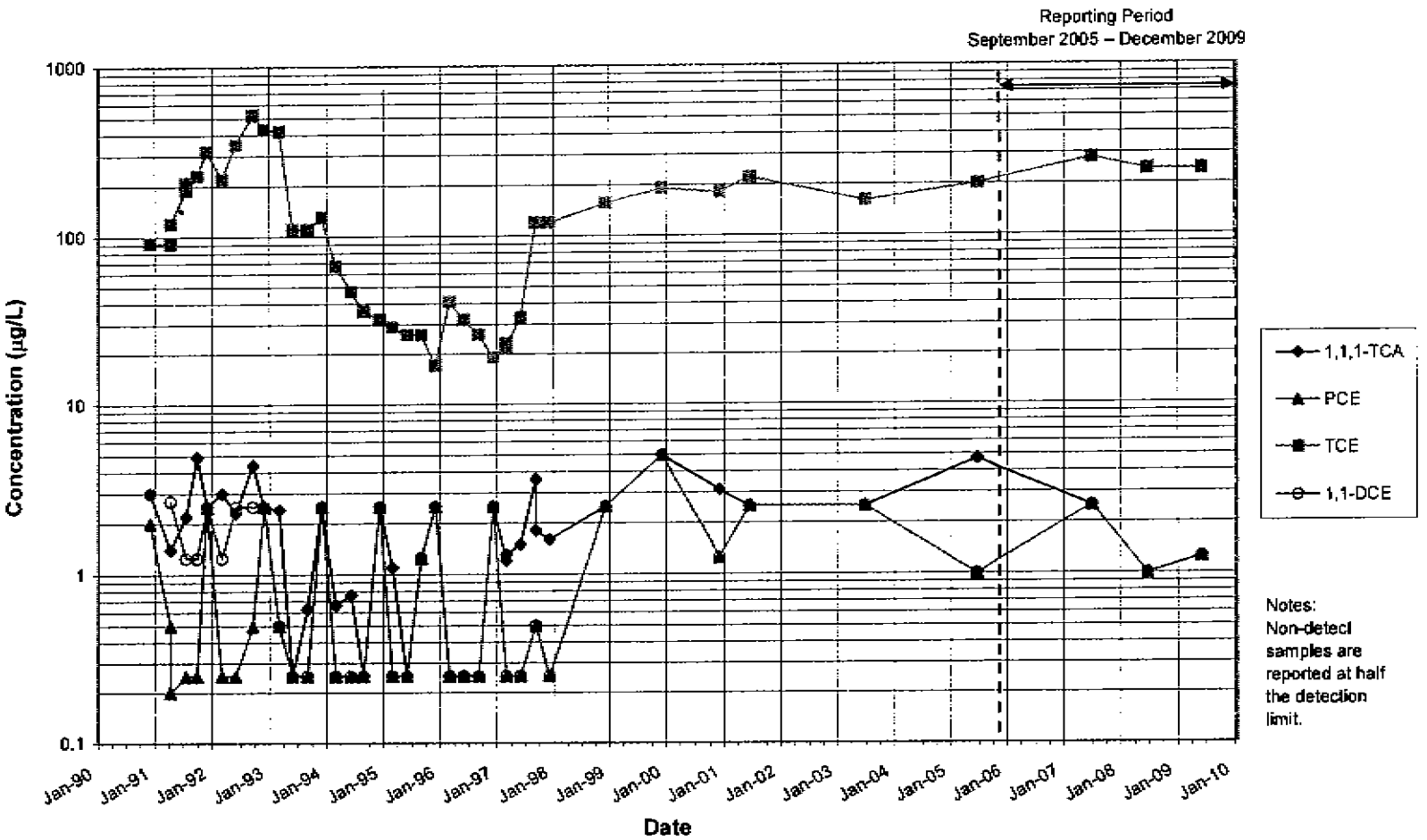
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
F21A1U



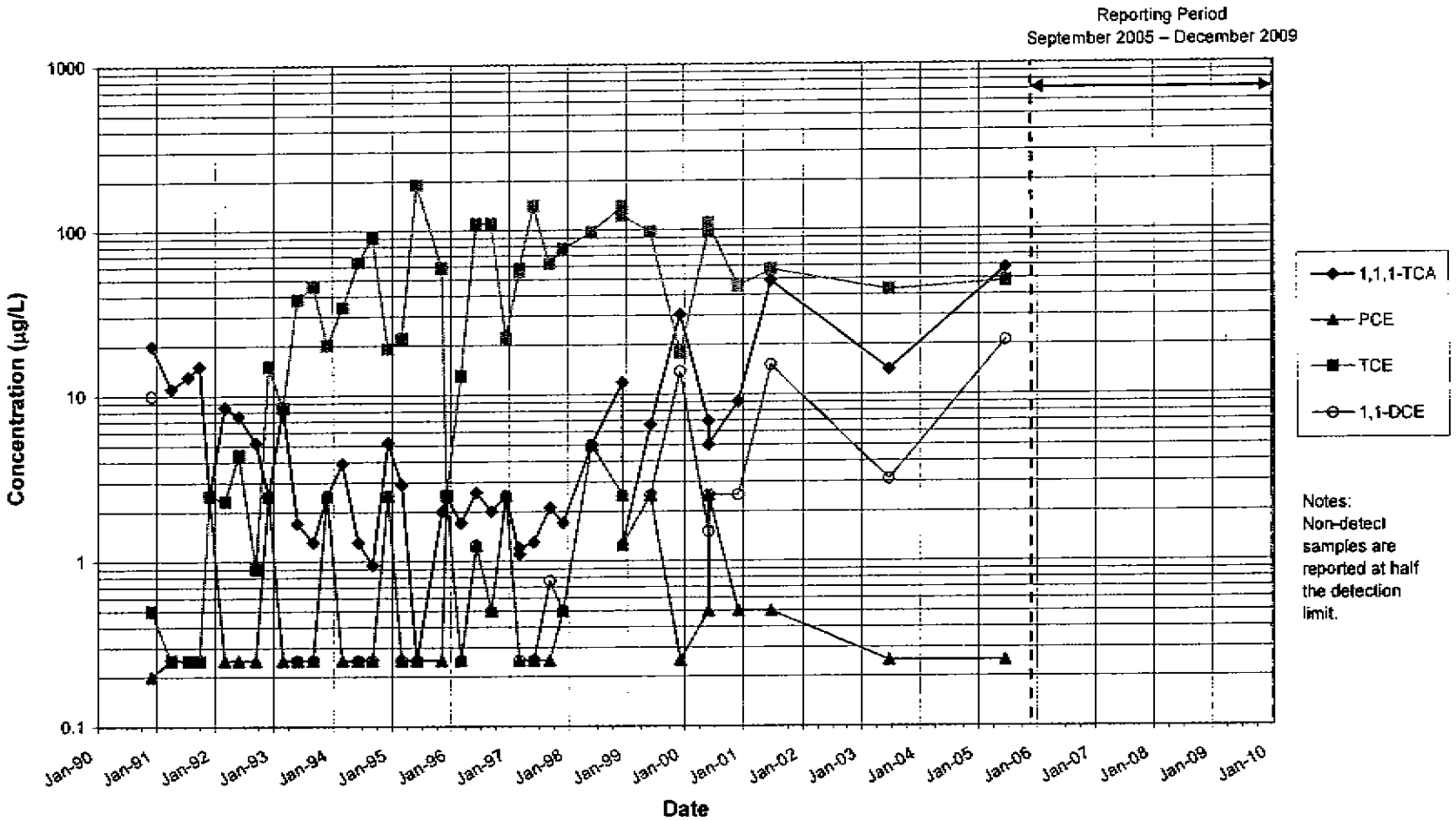
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
F22A1U



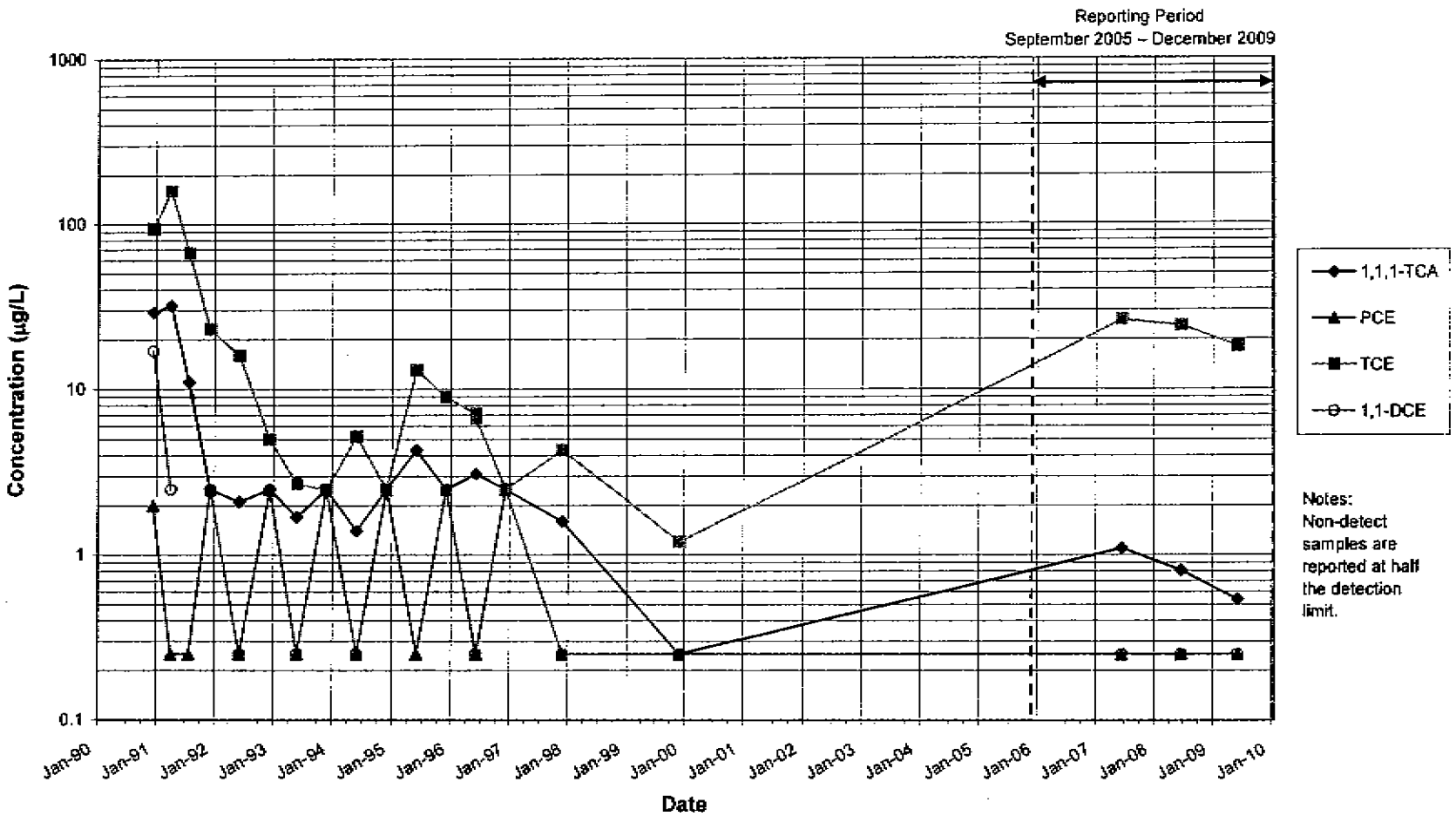
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
F23A



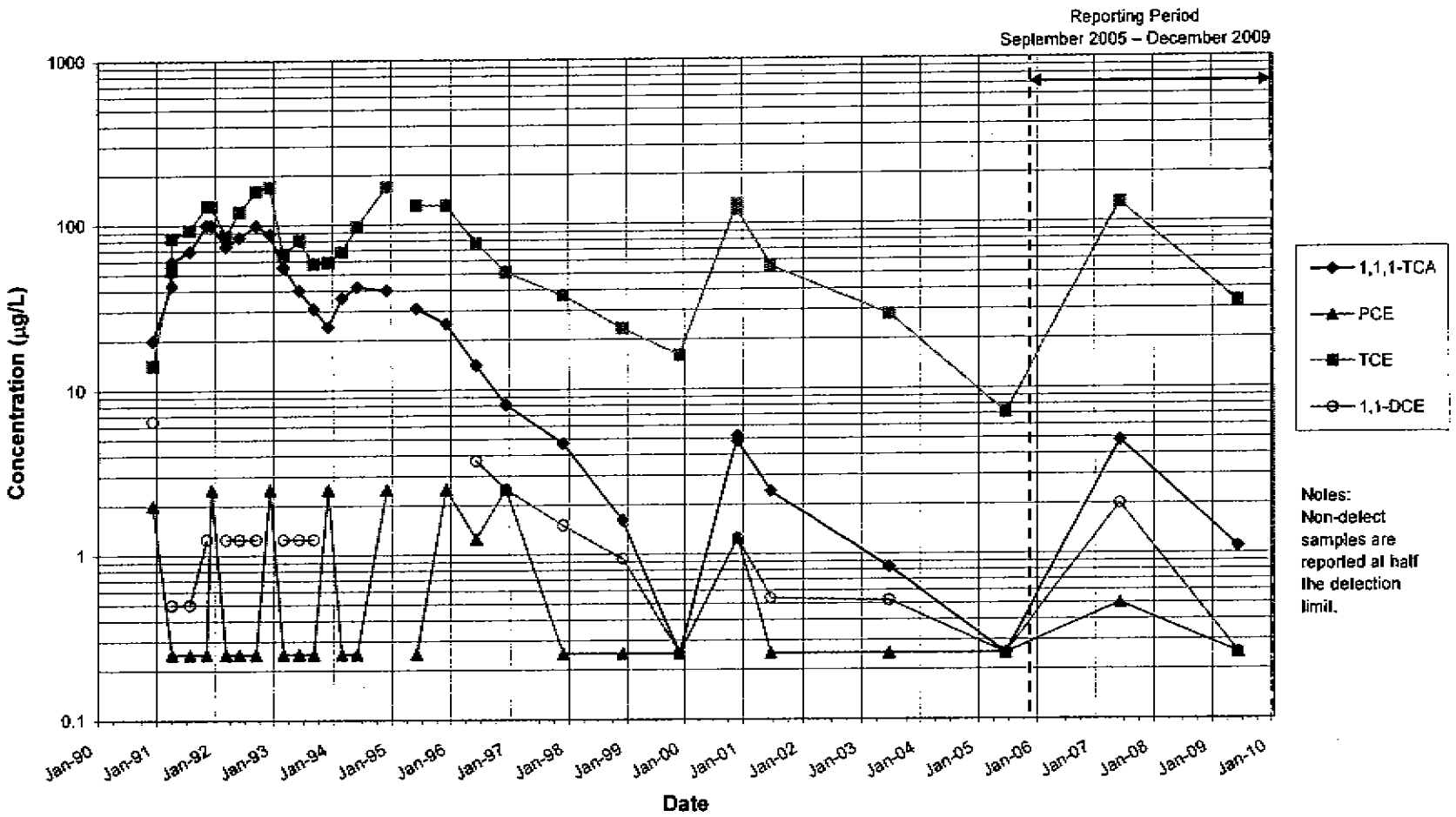
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
F29A1U



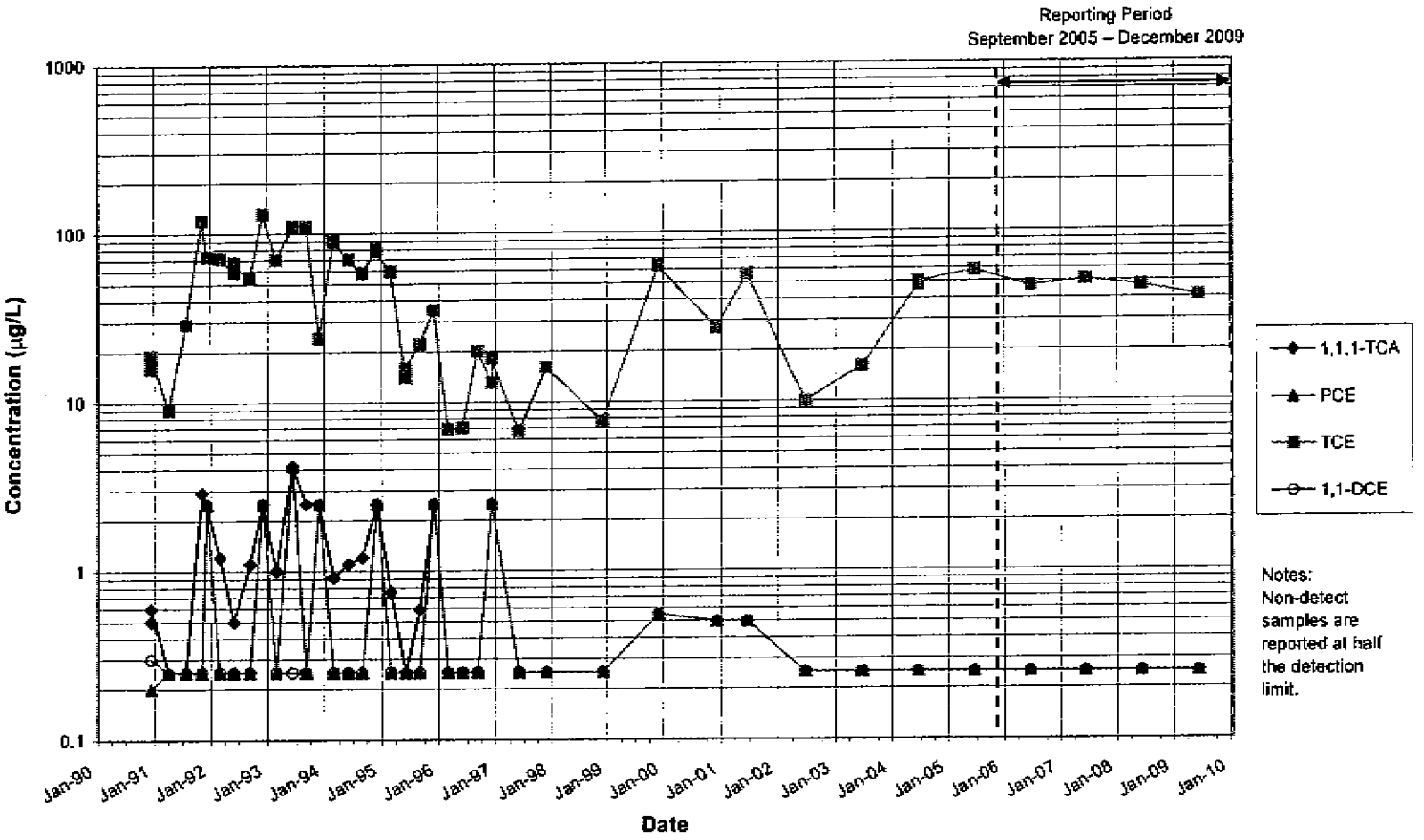
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
F32A



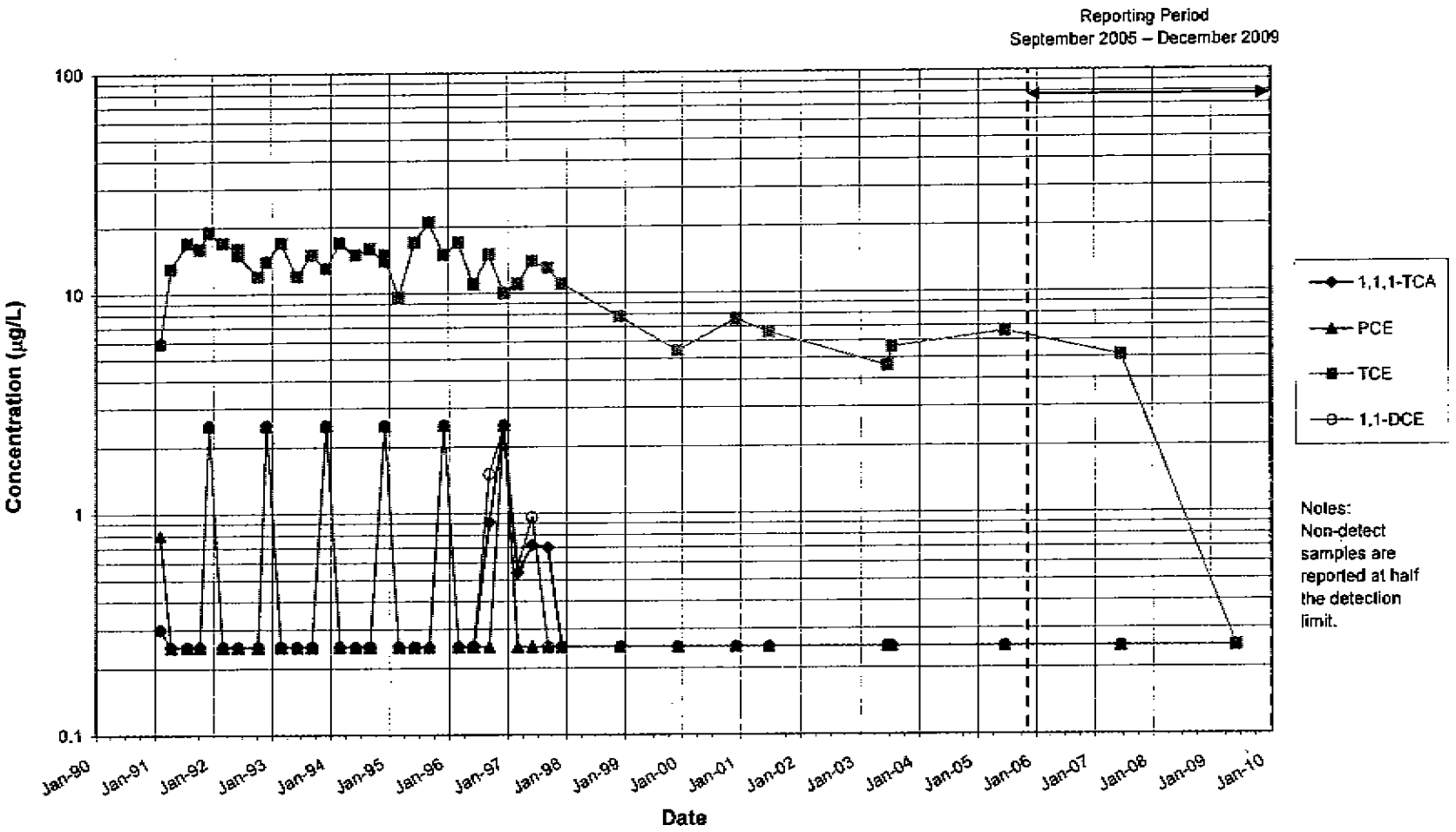
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
F34A



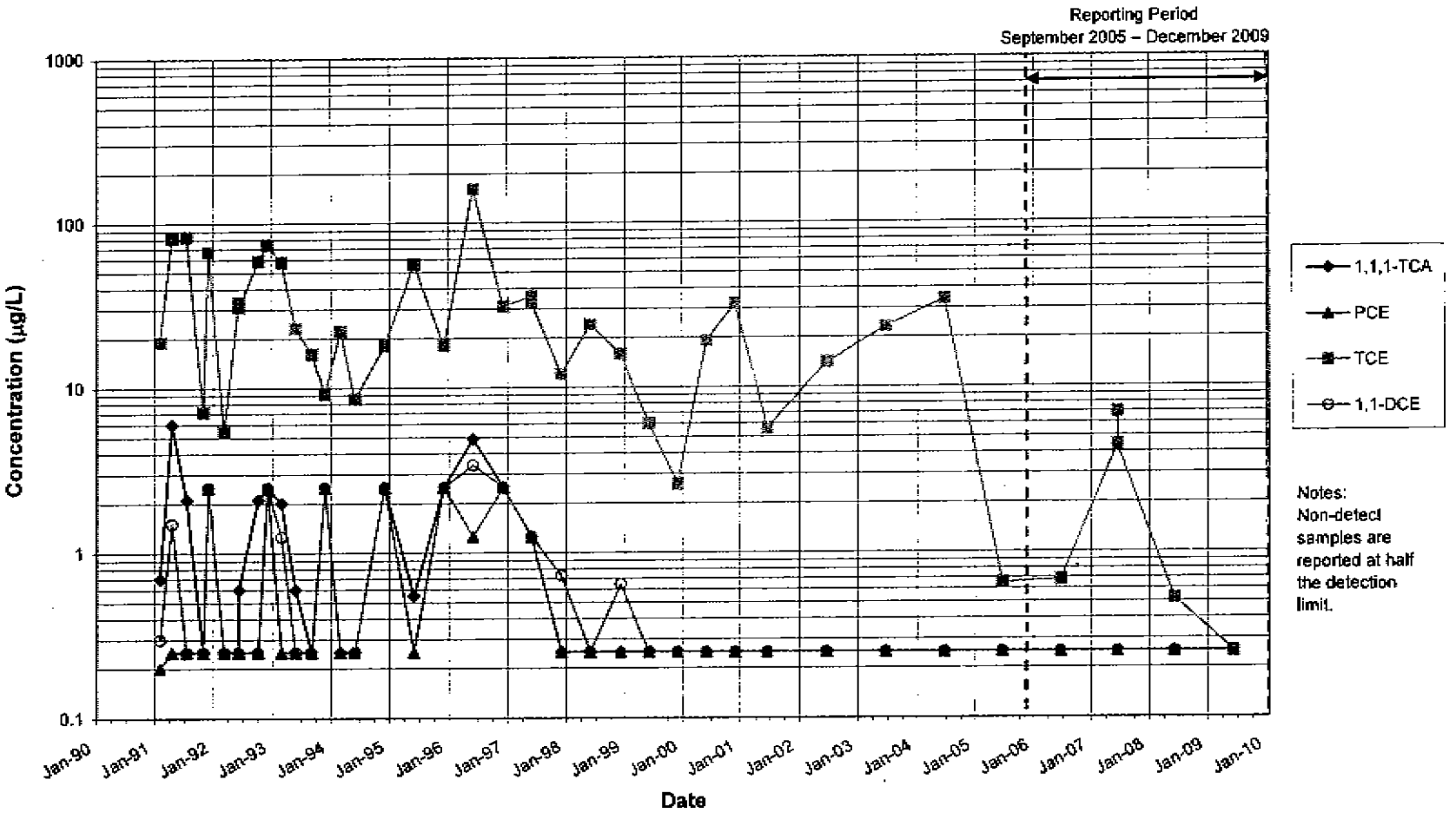
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
F36A



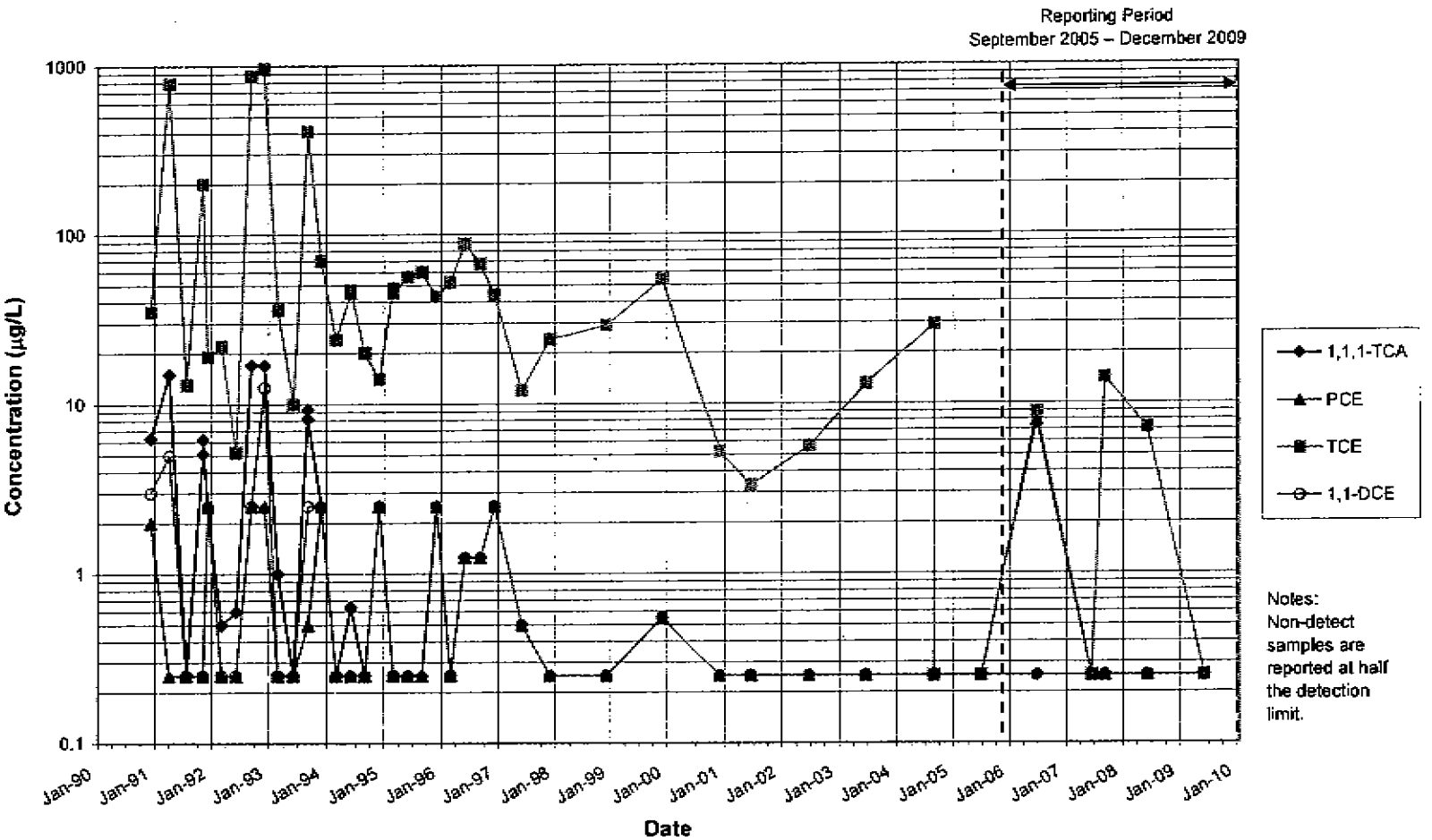
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
F38A

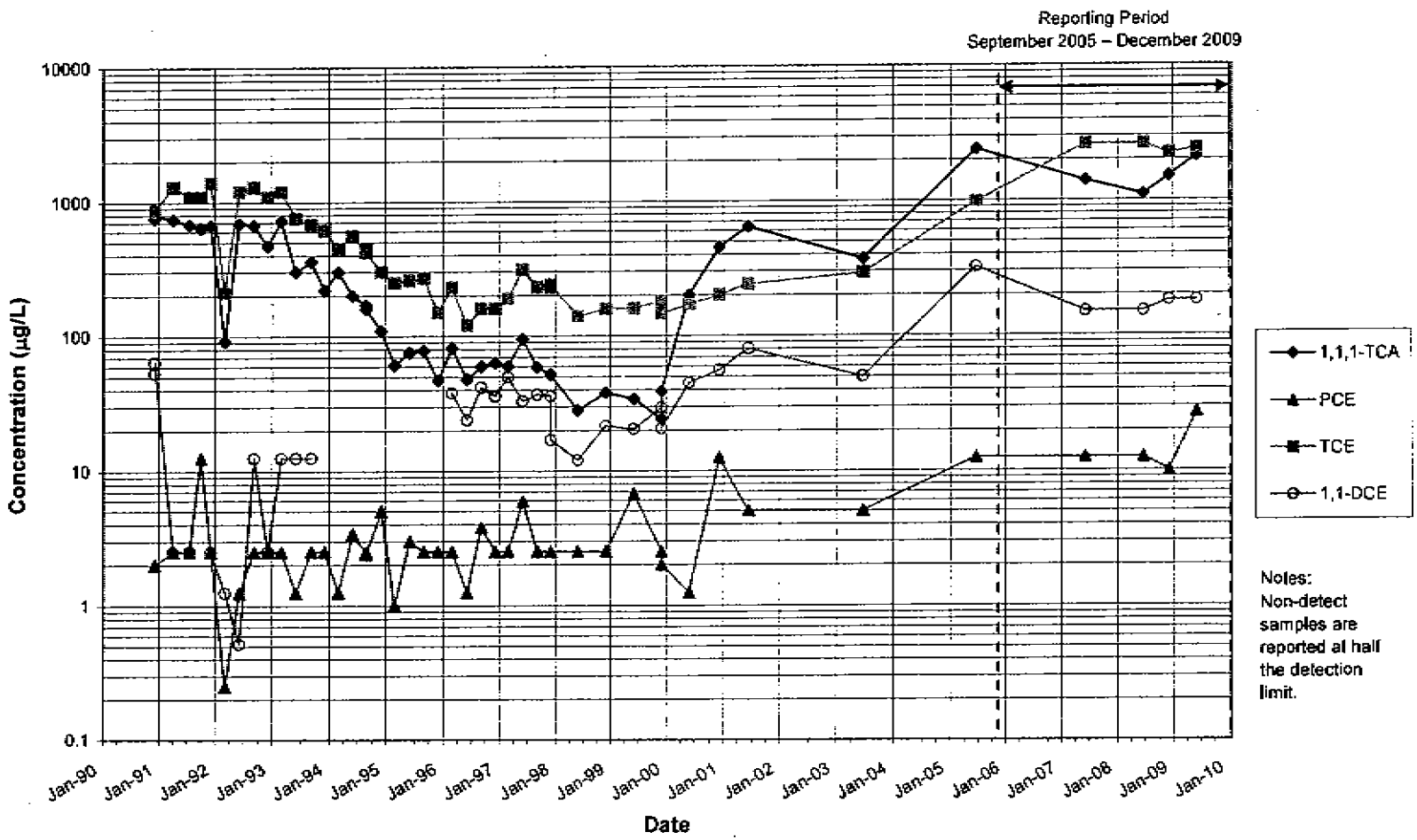


Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
F40A

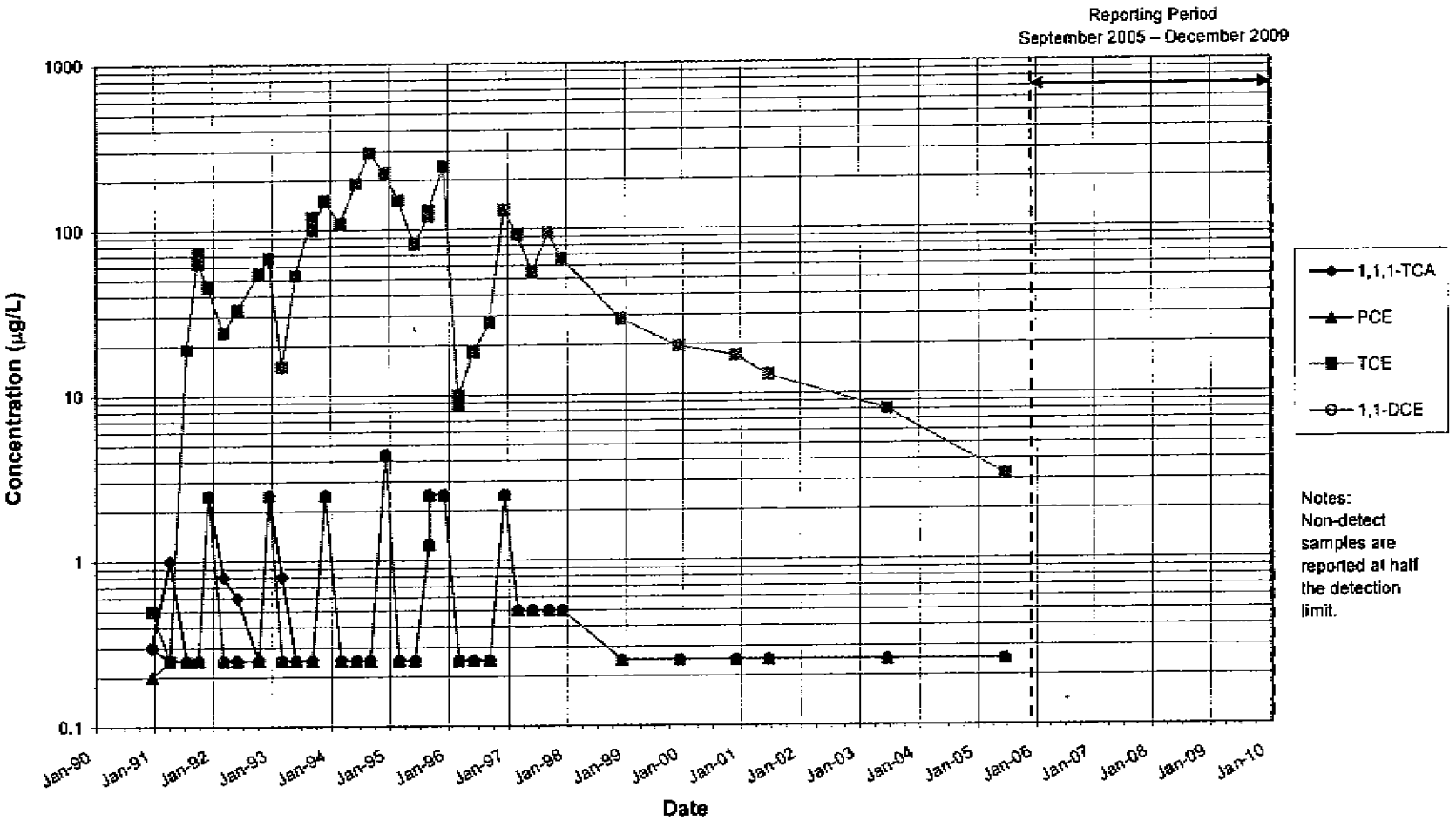


Selected VOC Concentrations vs. Time
F42A1



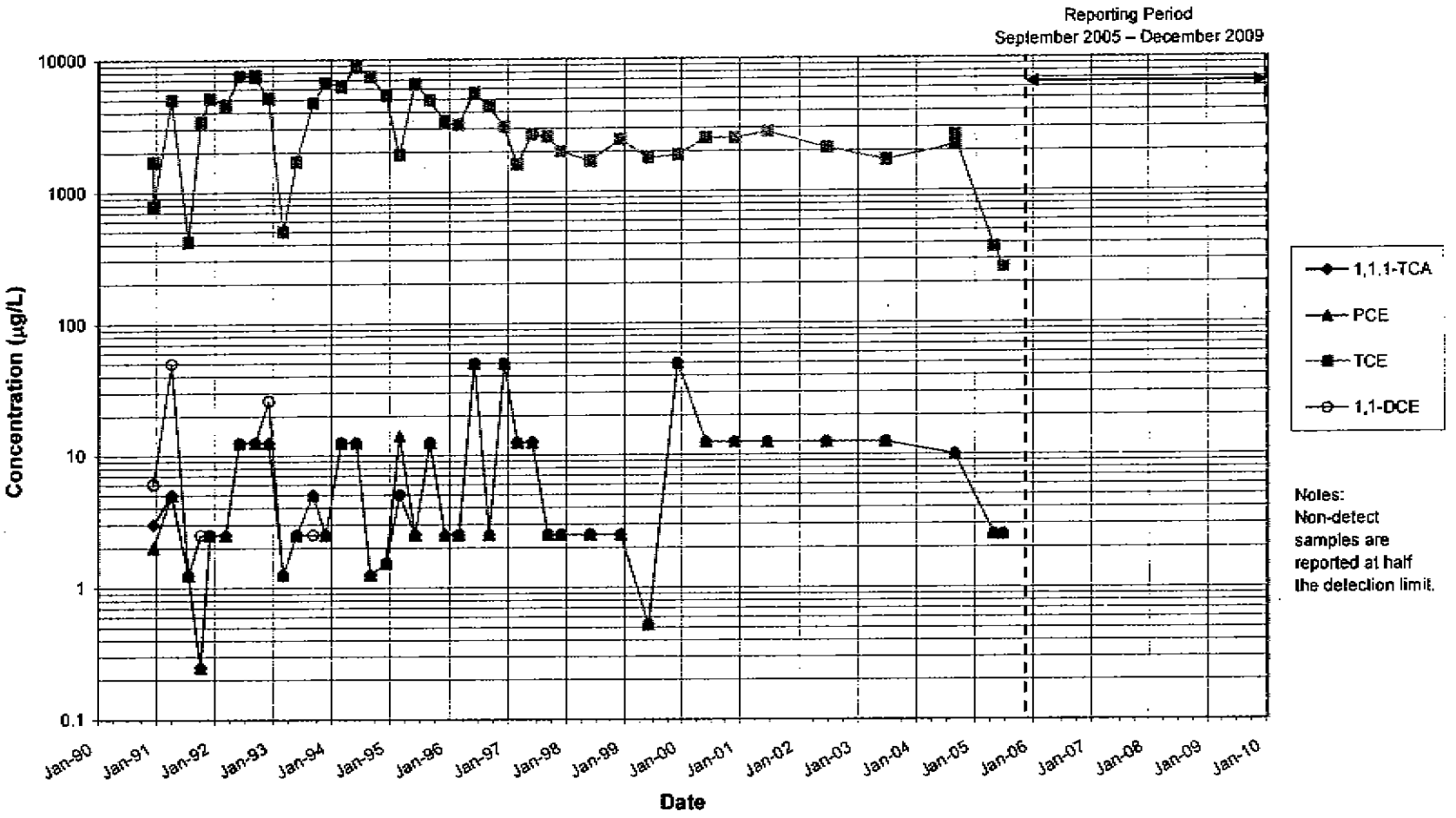
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
F43A1U



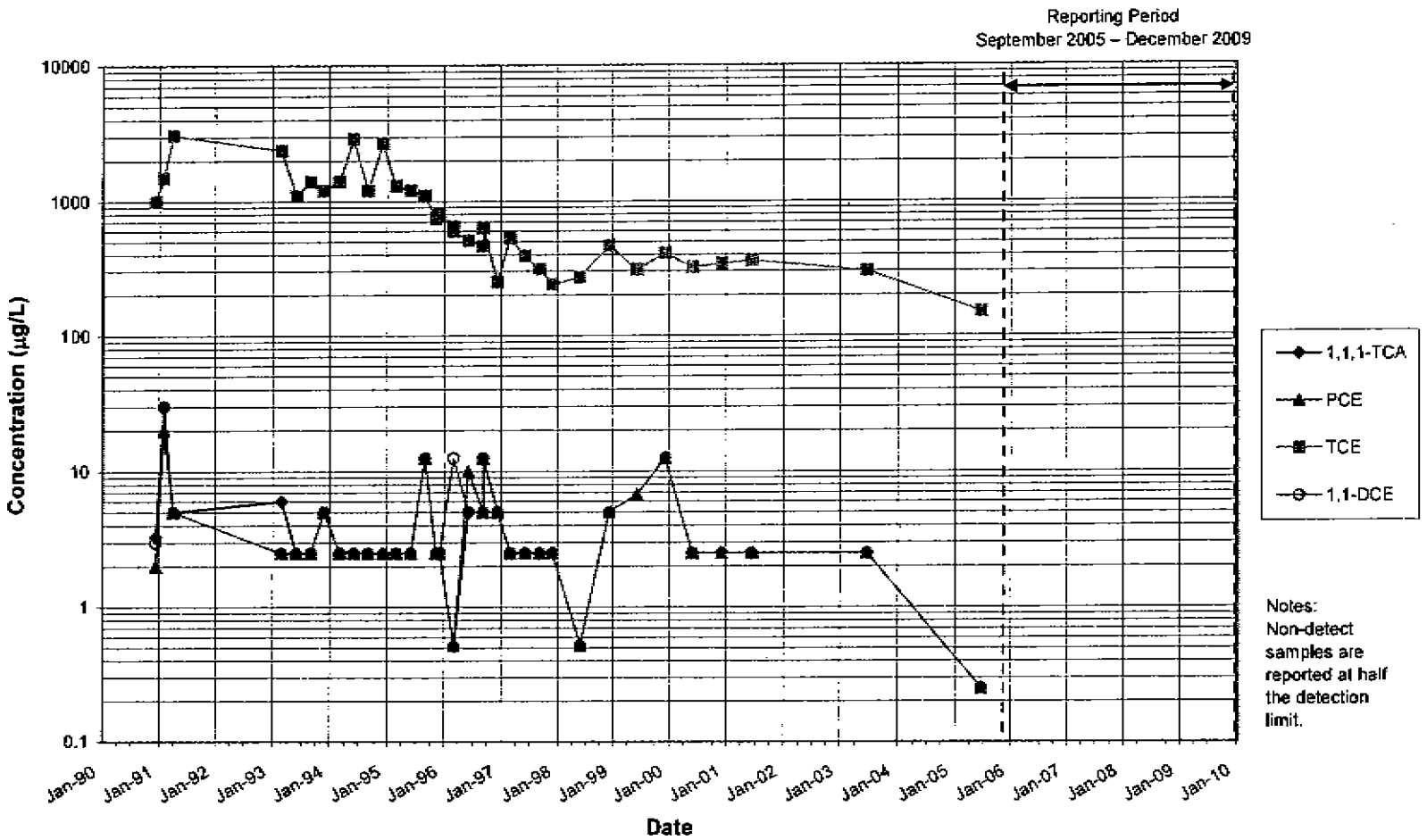
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
F44A



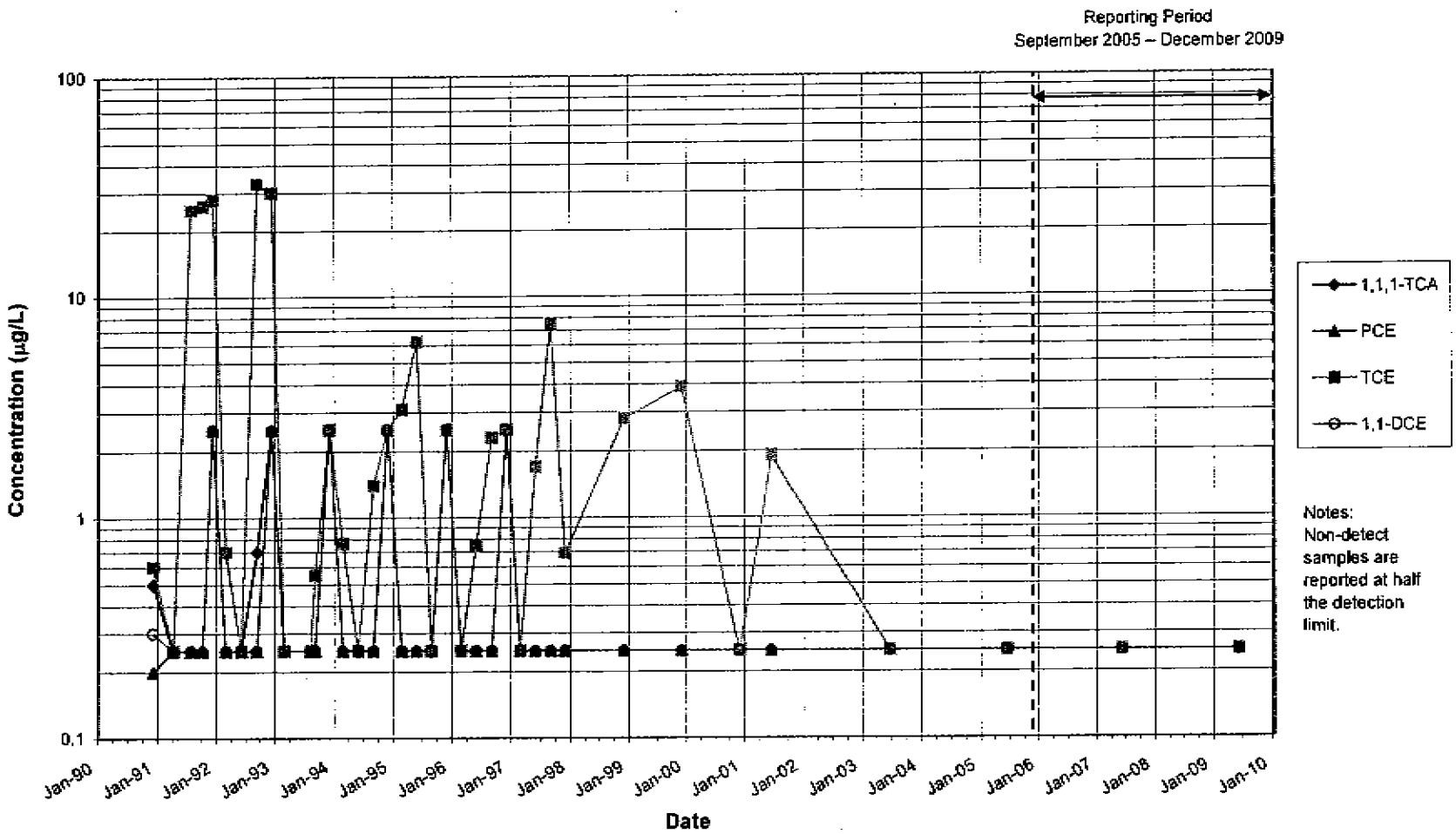
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
F45A1U



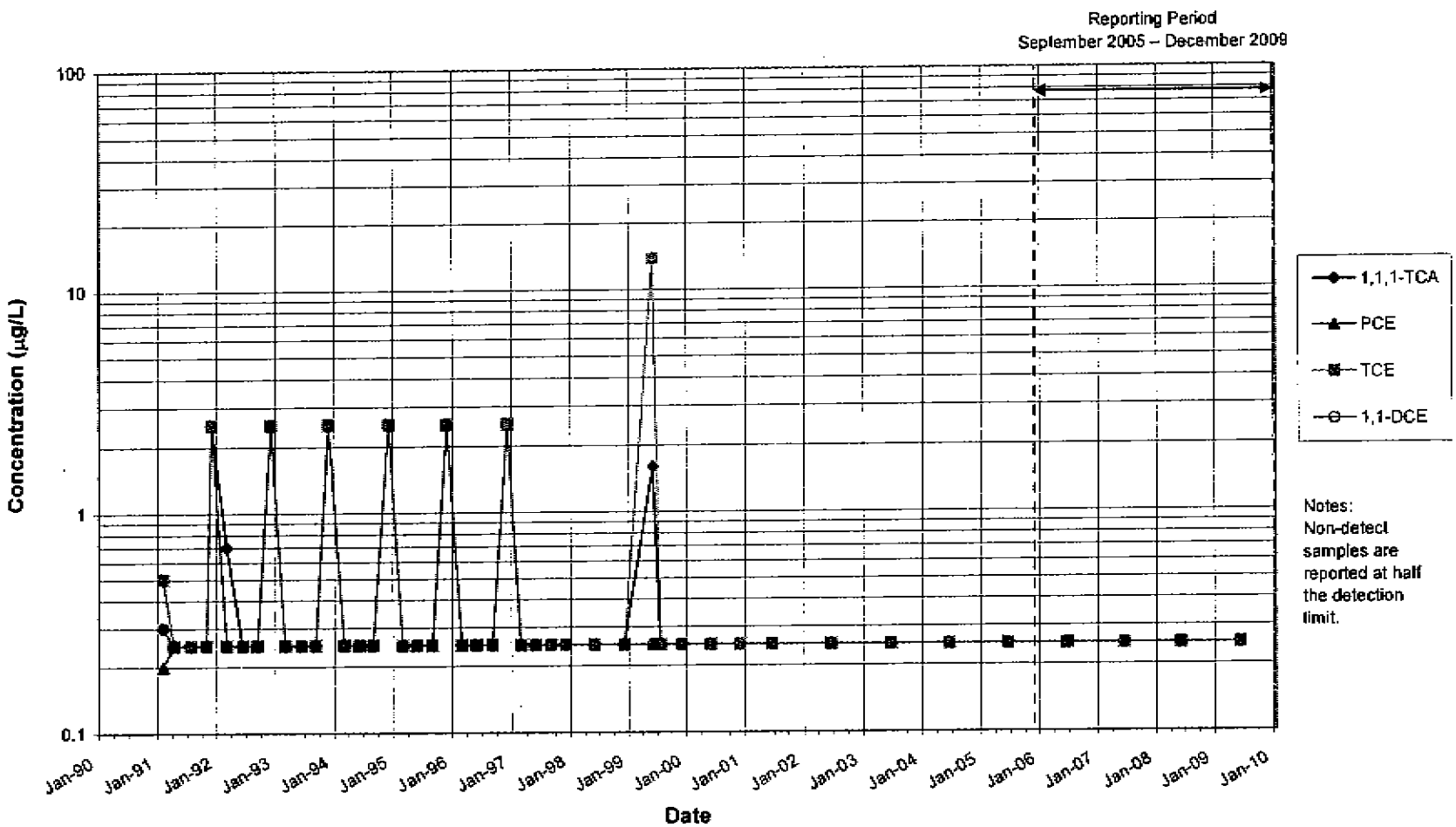
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
F46A1



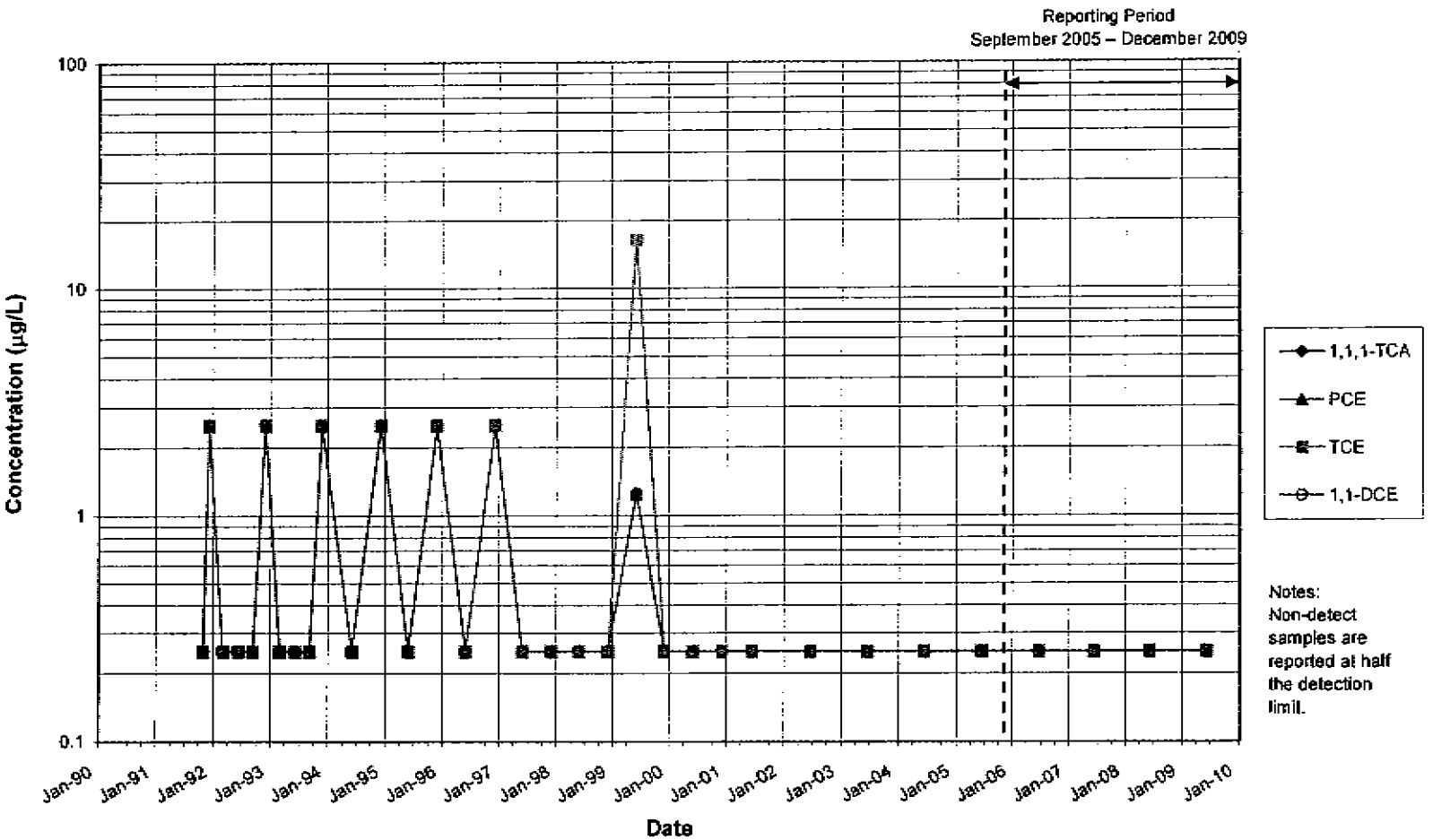
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
F49A1



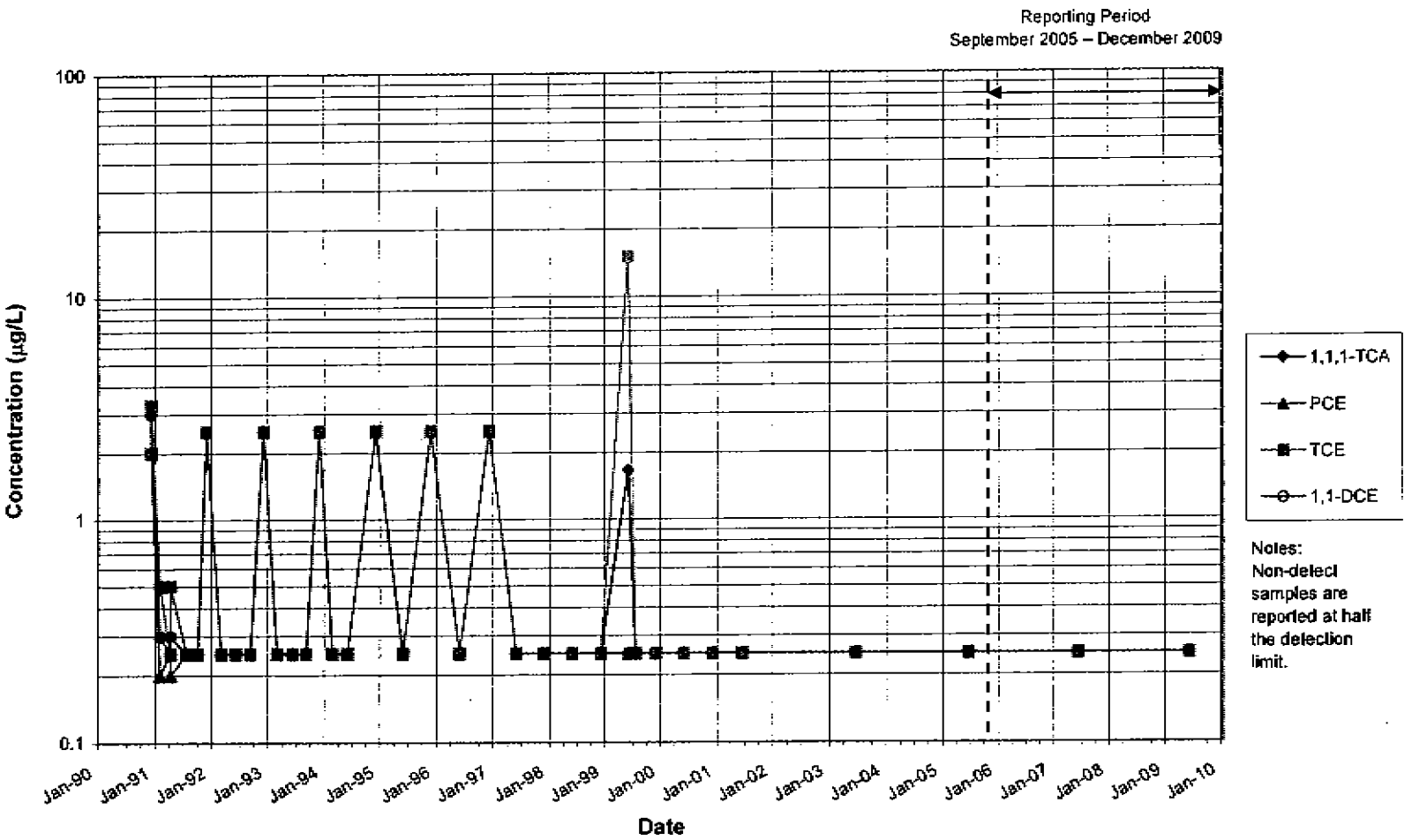
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
F53A1U



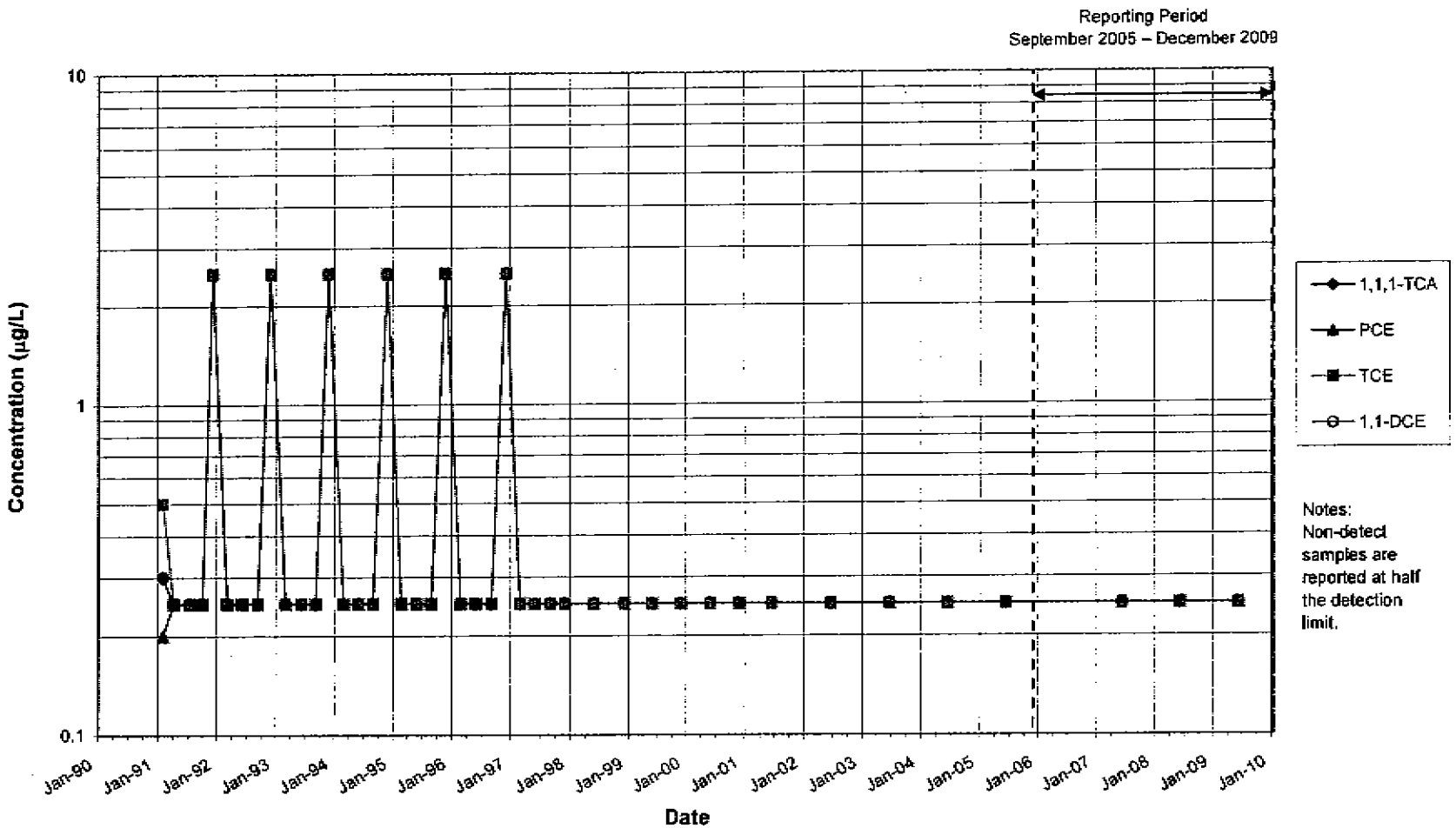
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
F54A1U



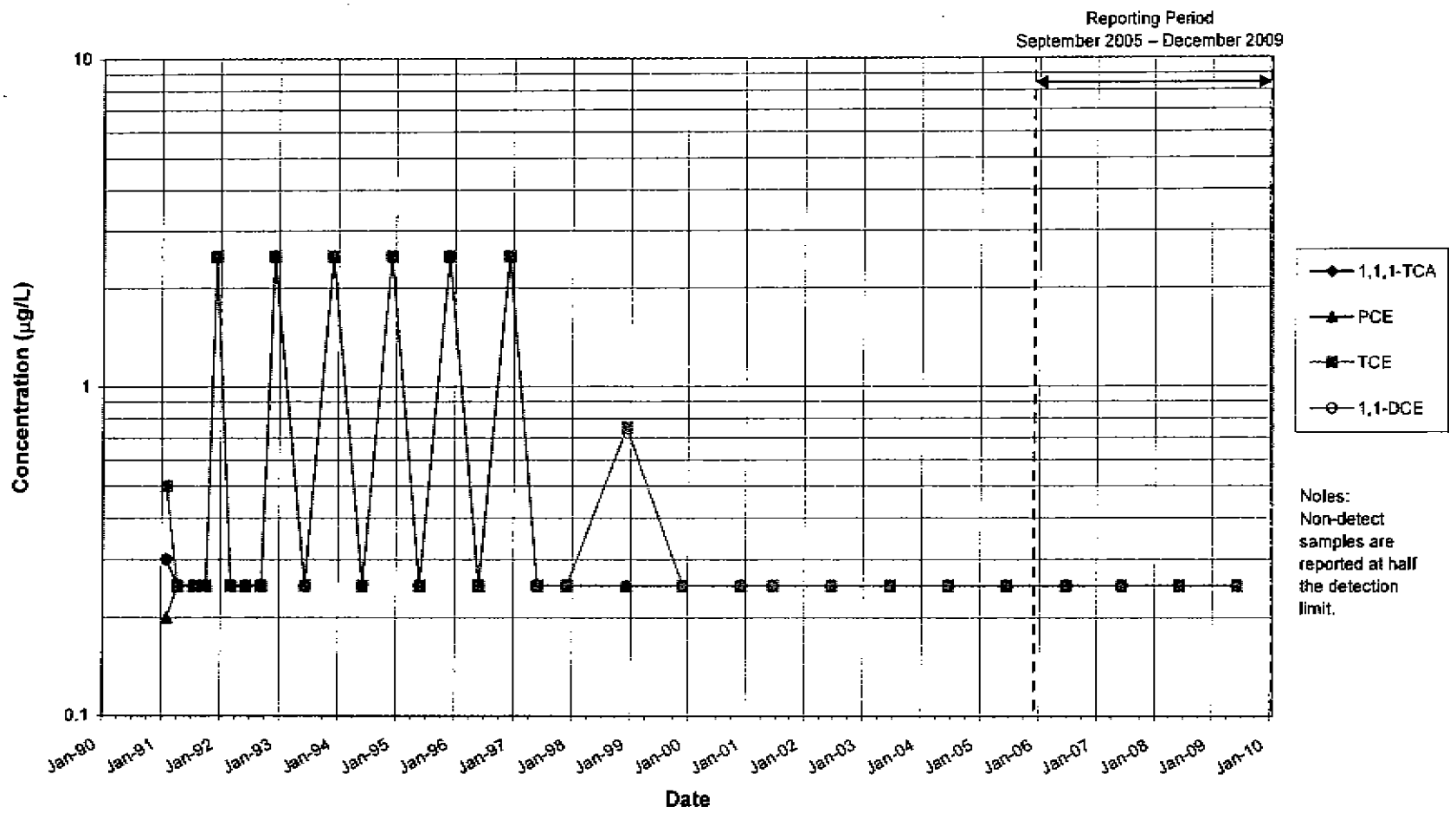
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
F57A1U



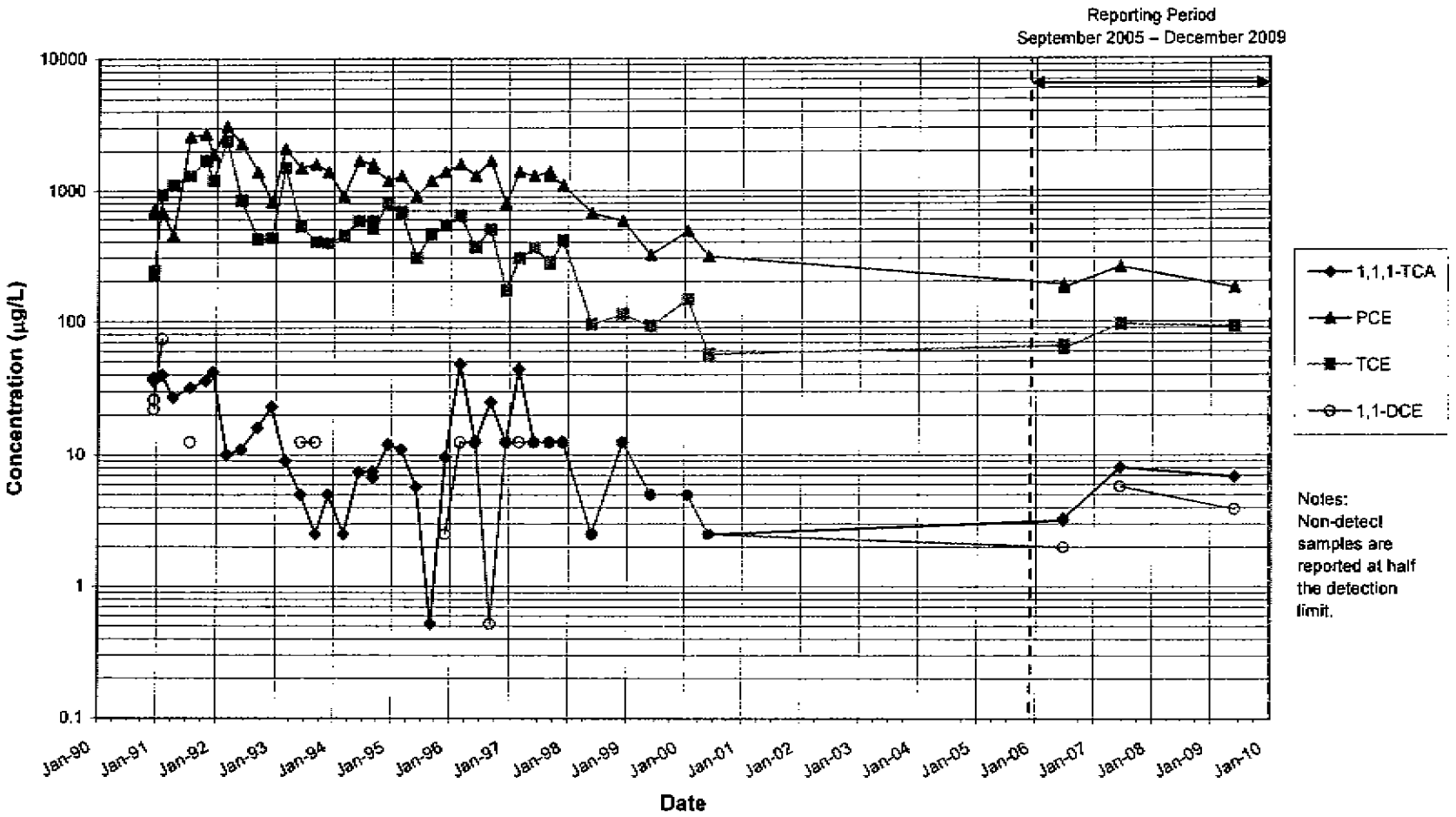
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
F58A

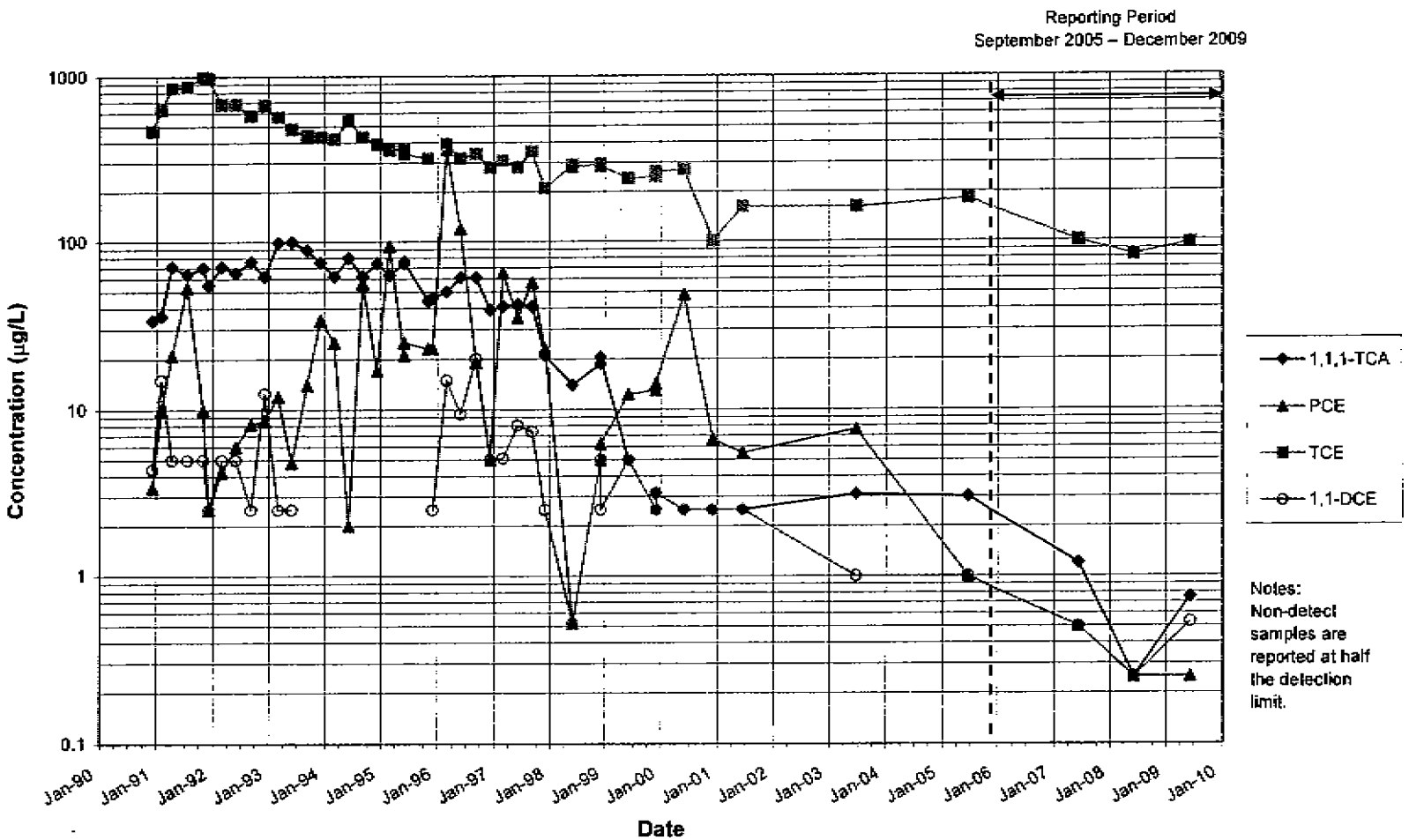


Notes:
Non-detect samples are reported at half the detection limit.

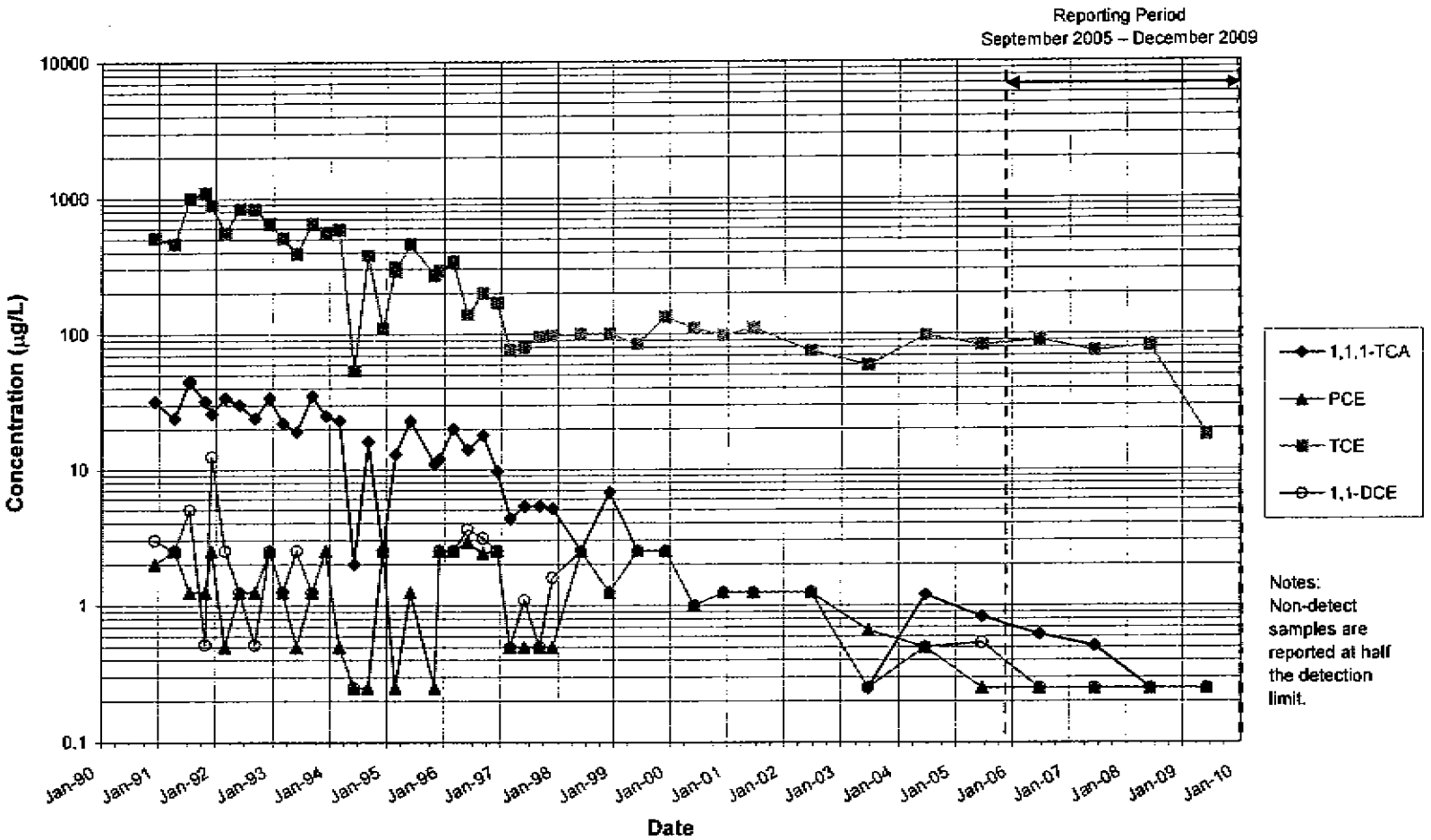
Selected VOC Concentrations vs. Time
F59A1U



Selected VOC Concentrations vs. Time
F61A1U

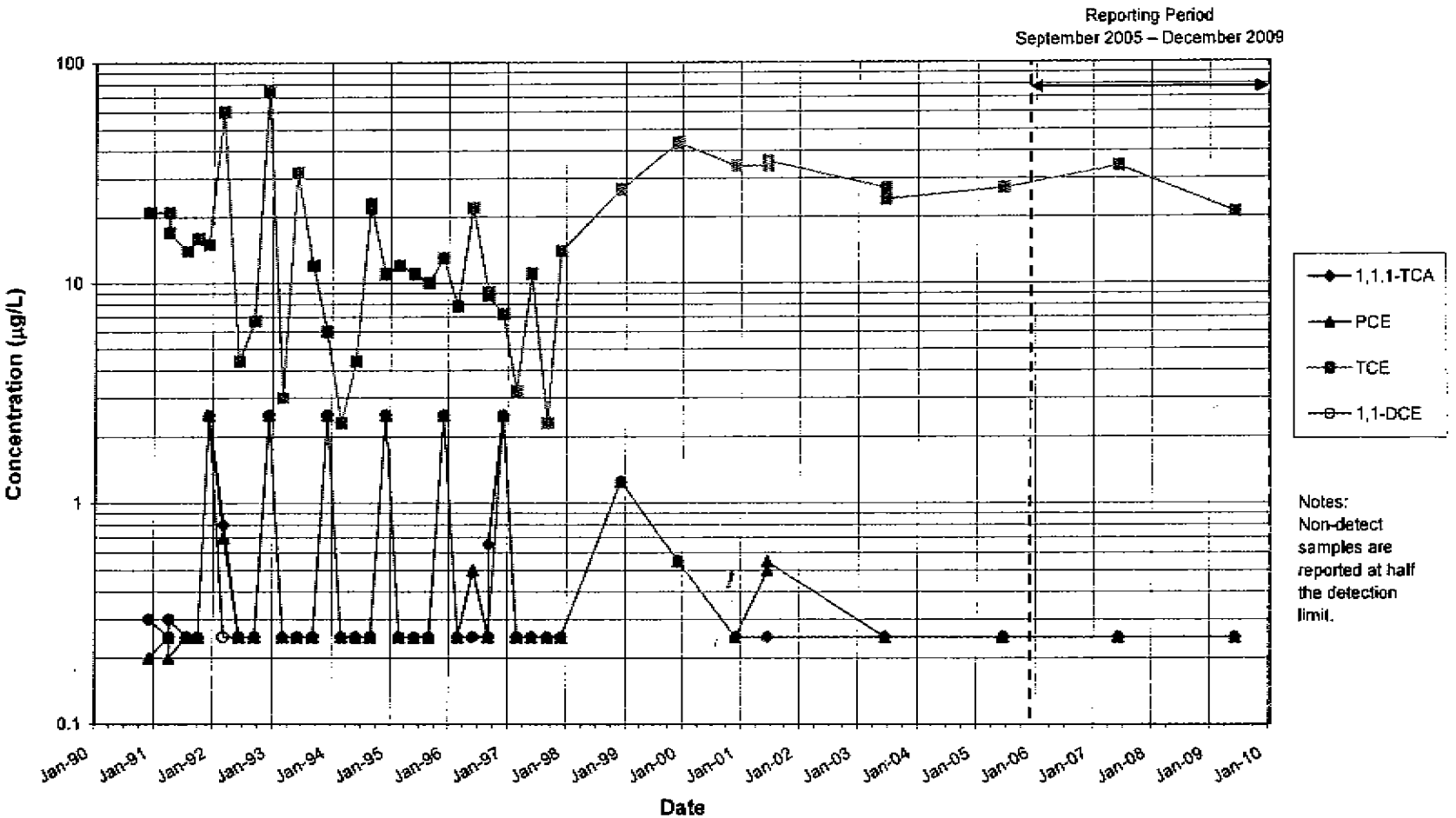


Selected VOC Concentrations vs. Time
F62A1



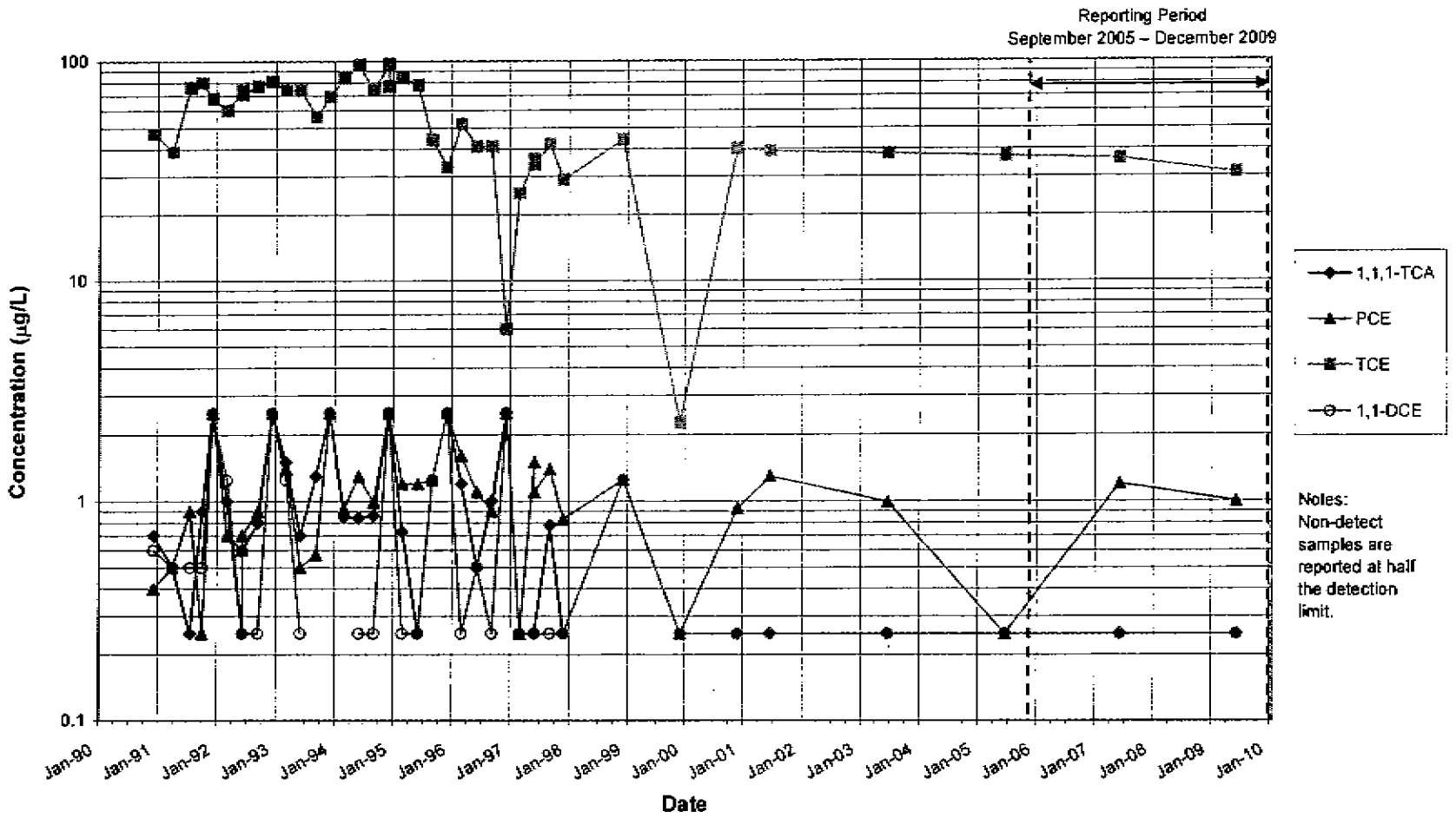
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
F63A1U/A1

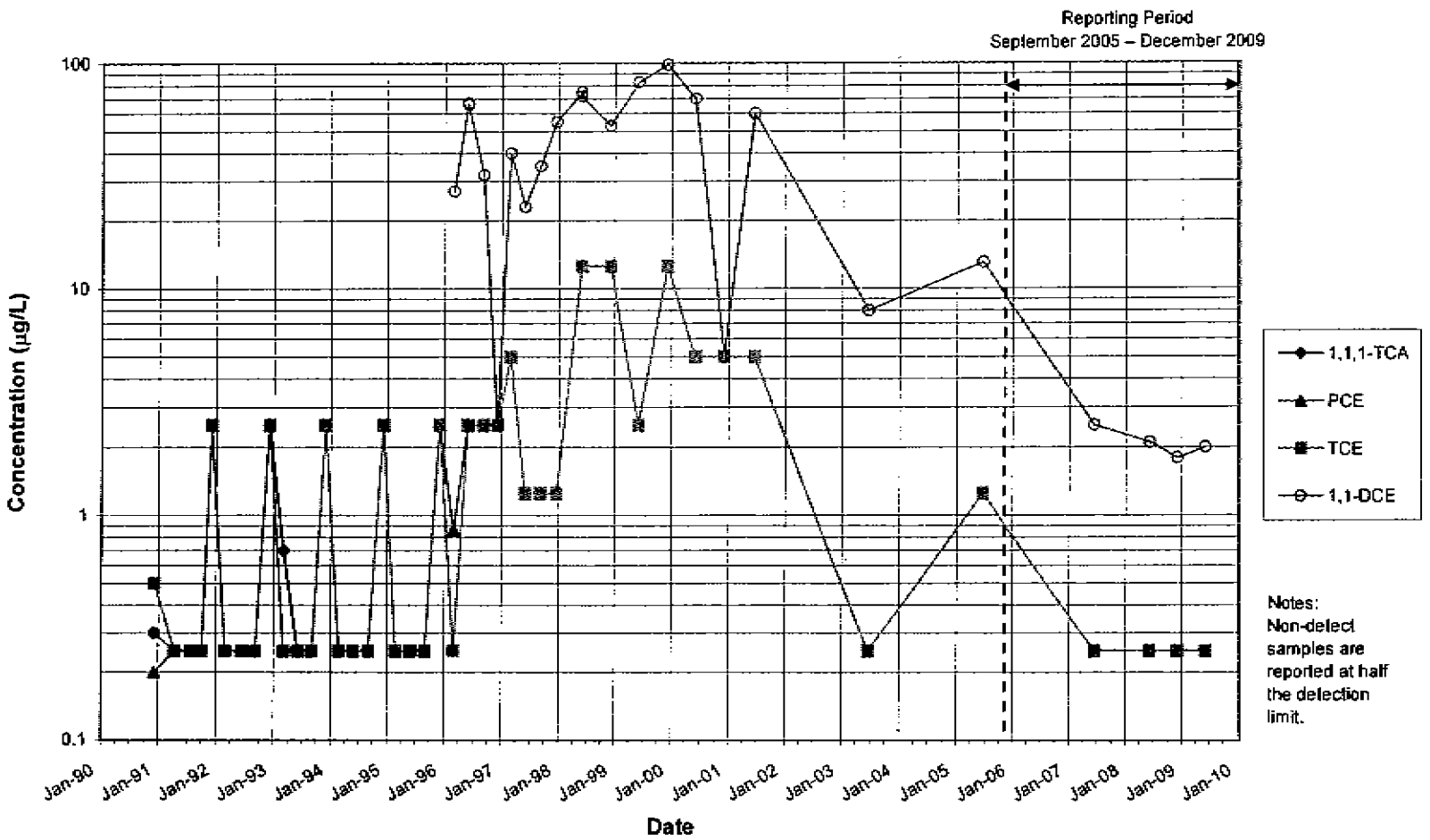


Notes:
Non-detect samples are reported at half the detection limit.

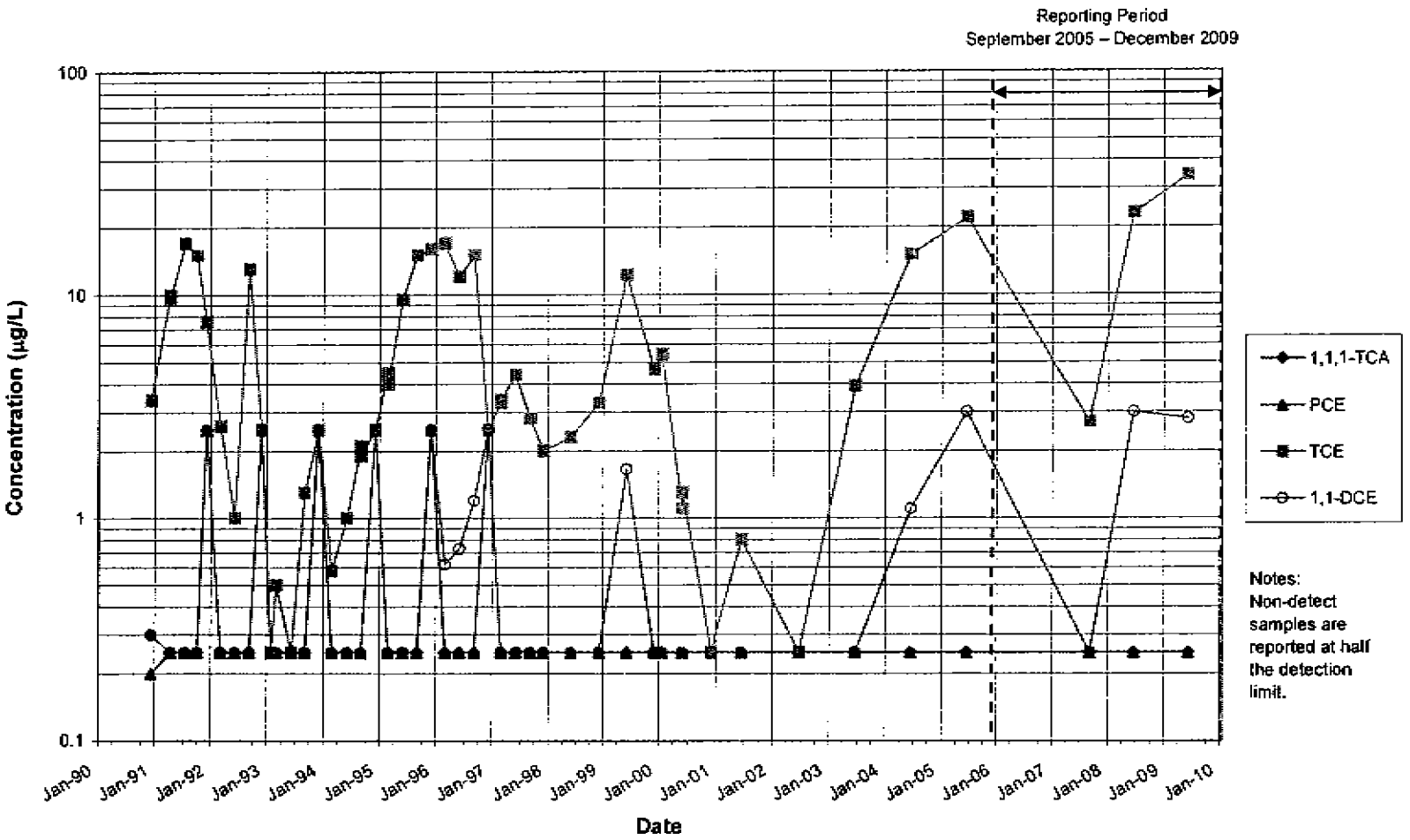
Selected VOC Concentrations vs. Time
F64A1



Selected VOC Concentrations vs. Time
F73A1

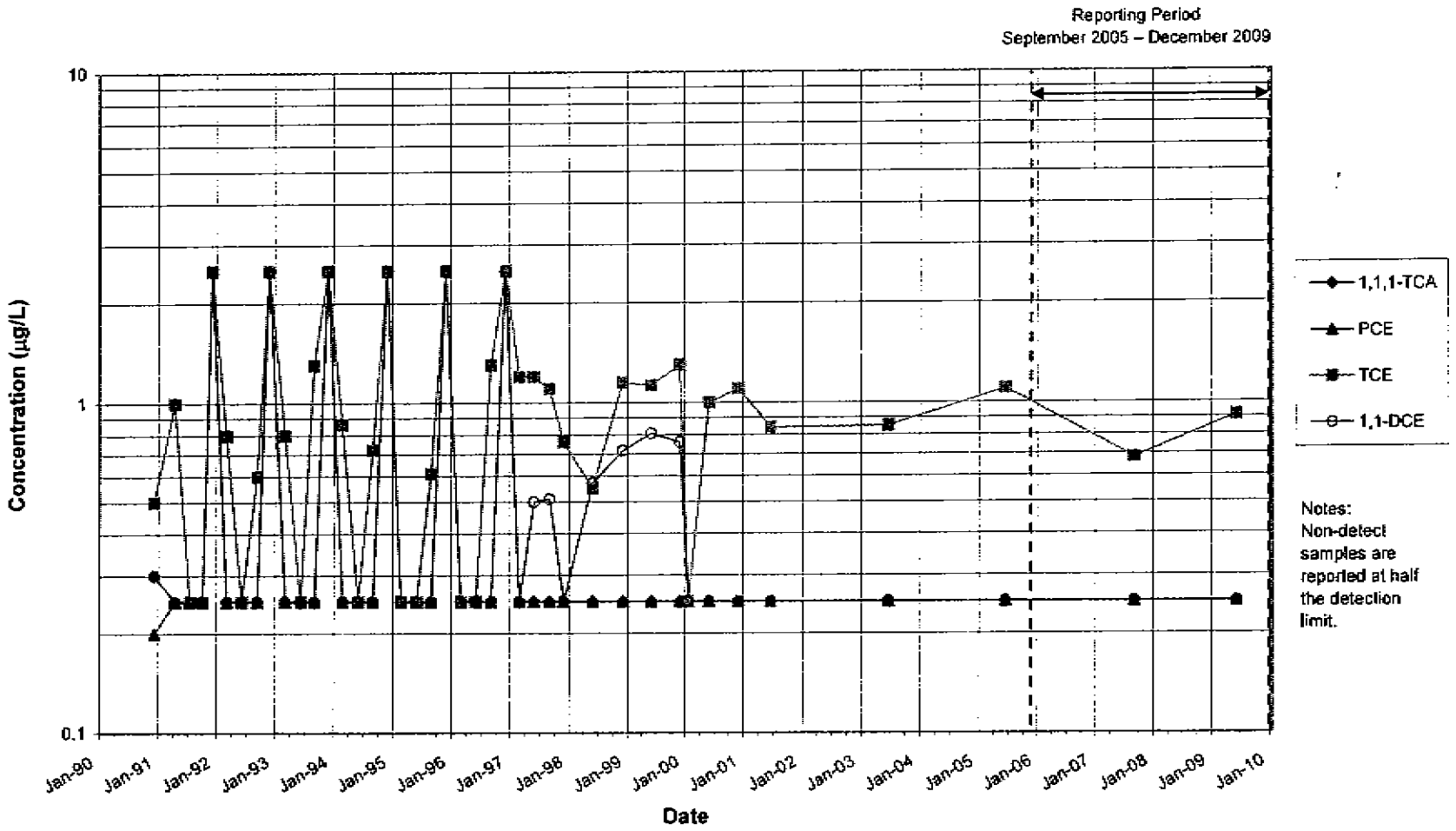


Selected VOC Concentrations vs. Time
F74A



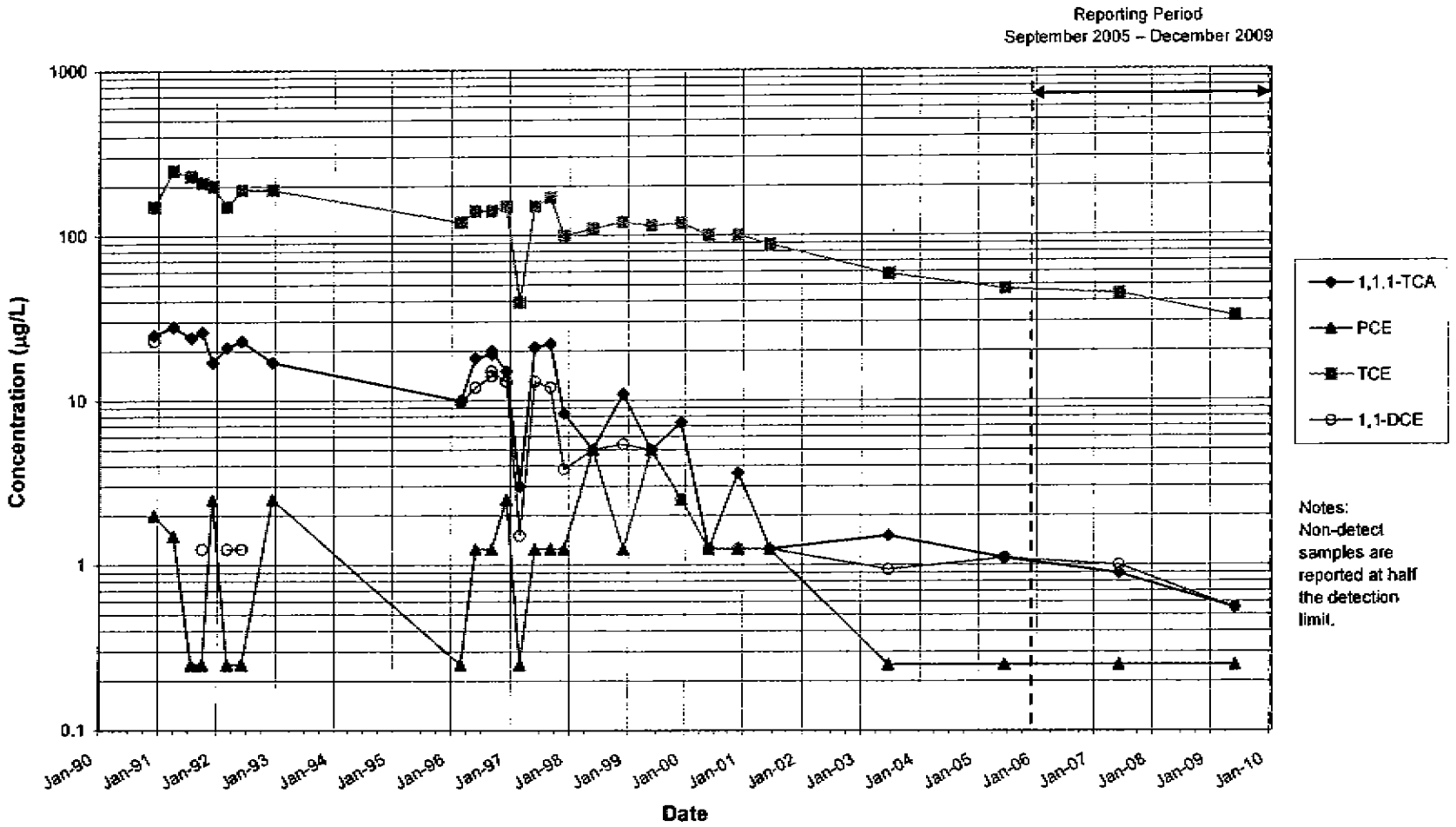
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
F75A1U



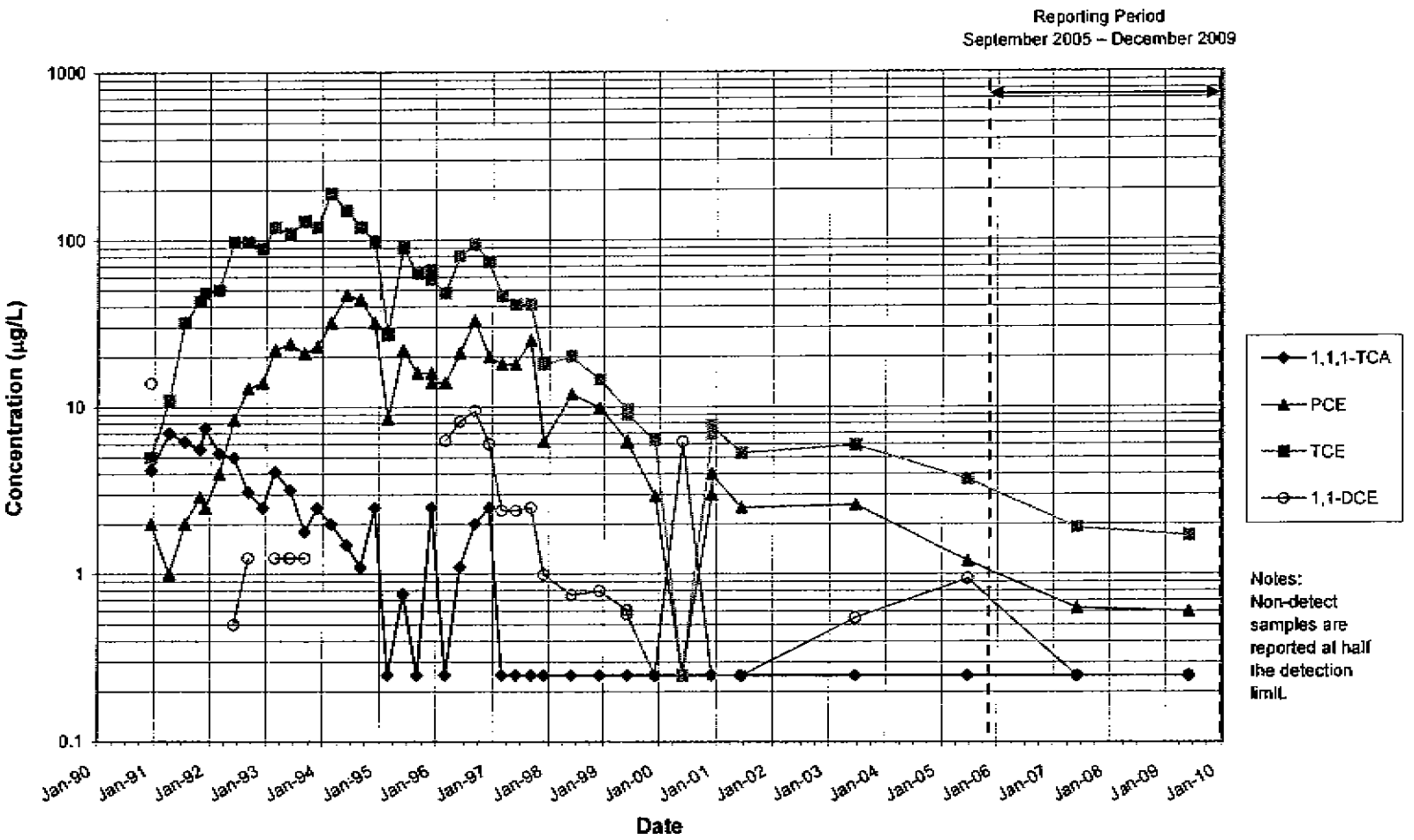
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
F77A1U



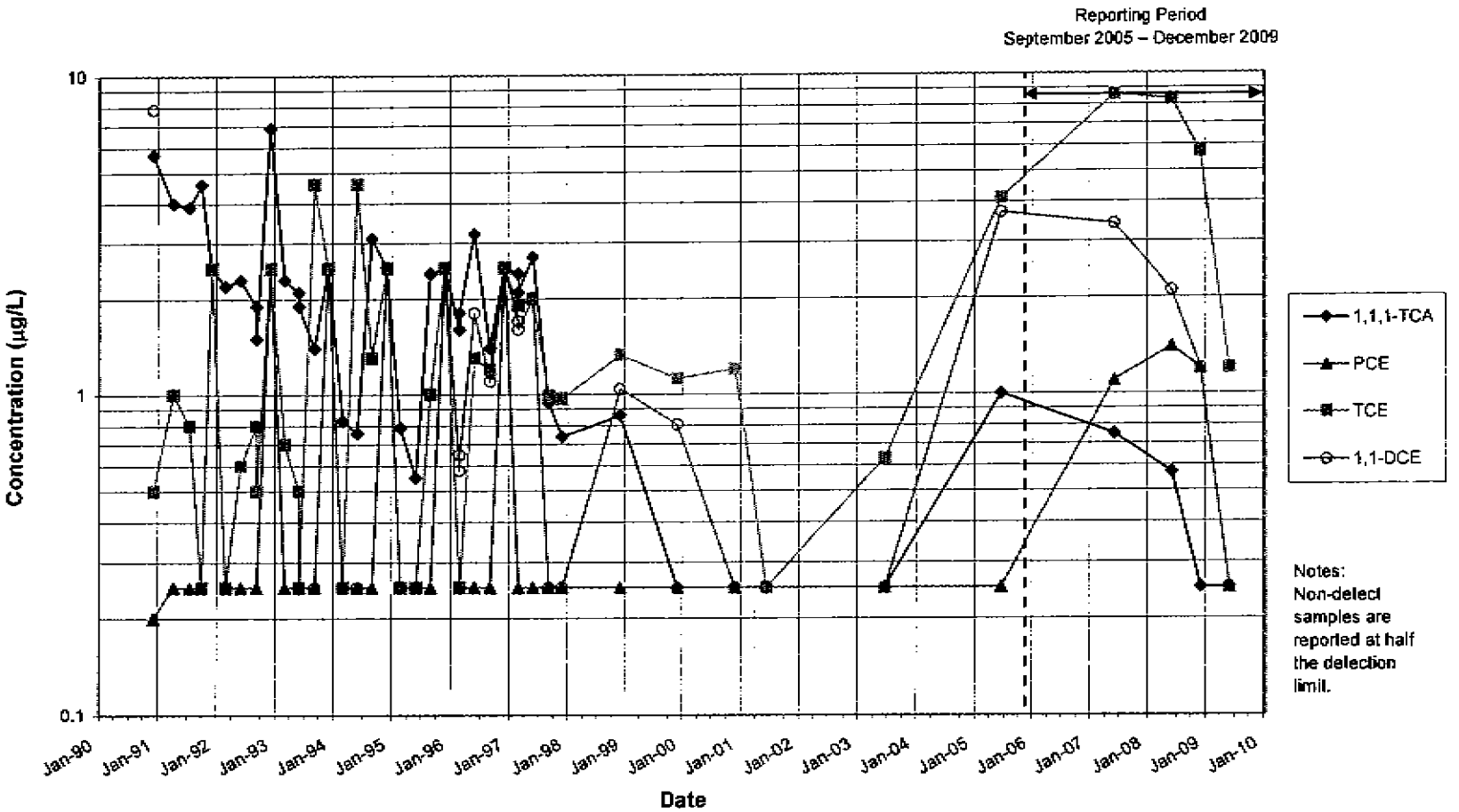
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
F78A1



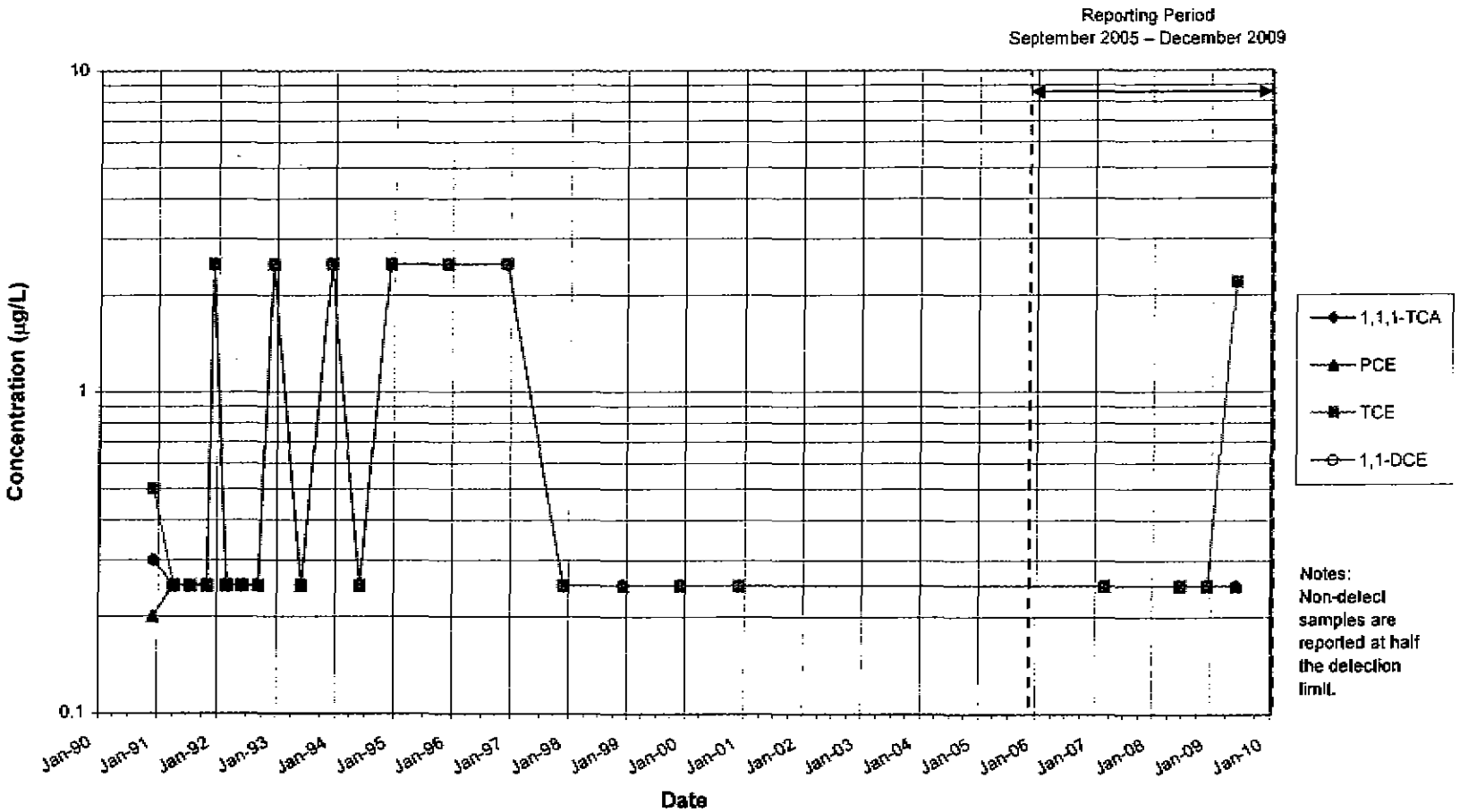
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
F85A1



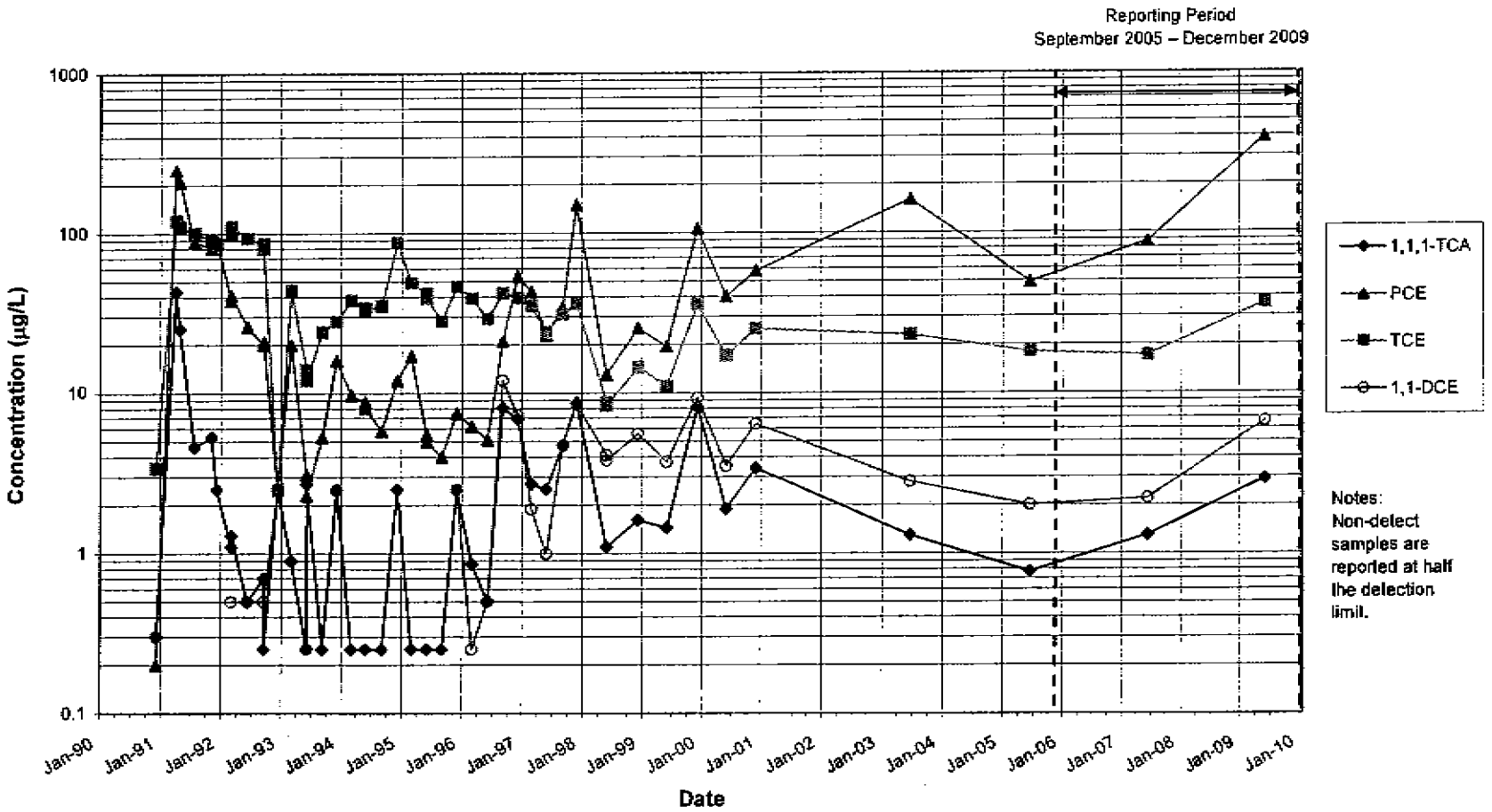
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
F86A2



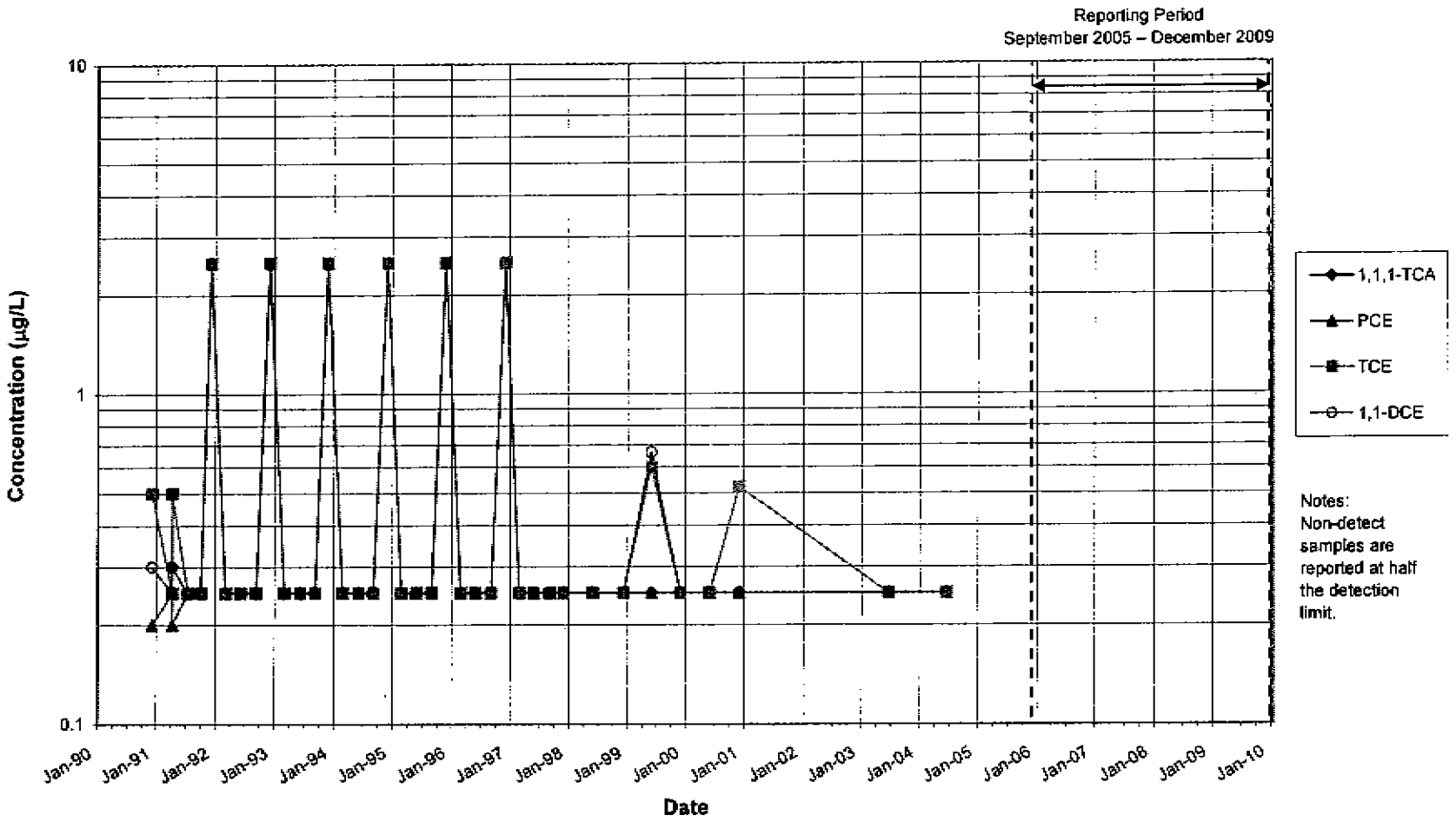
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
F88A1U



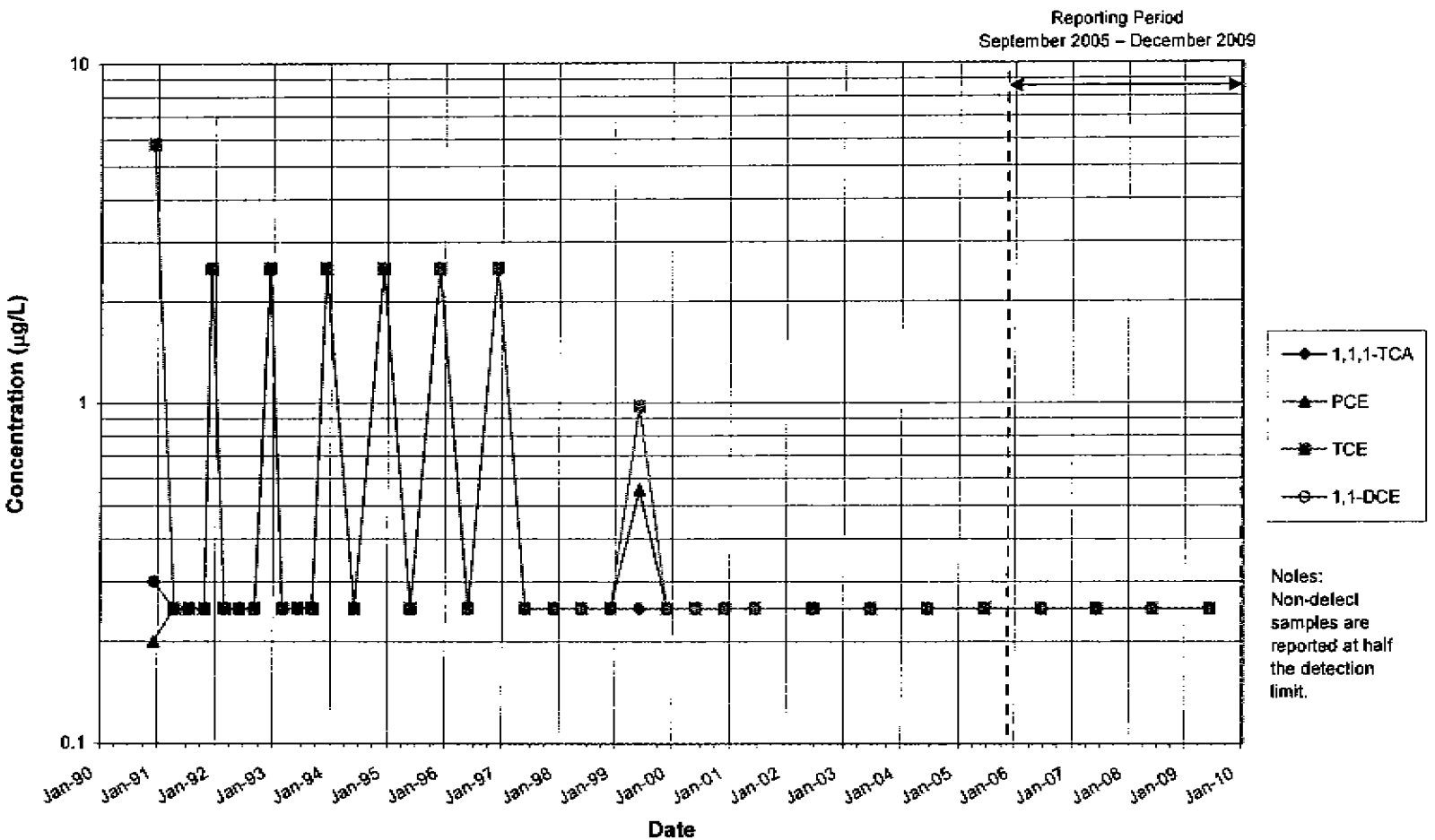
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
F90A1U

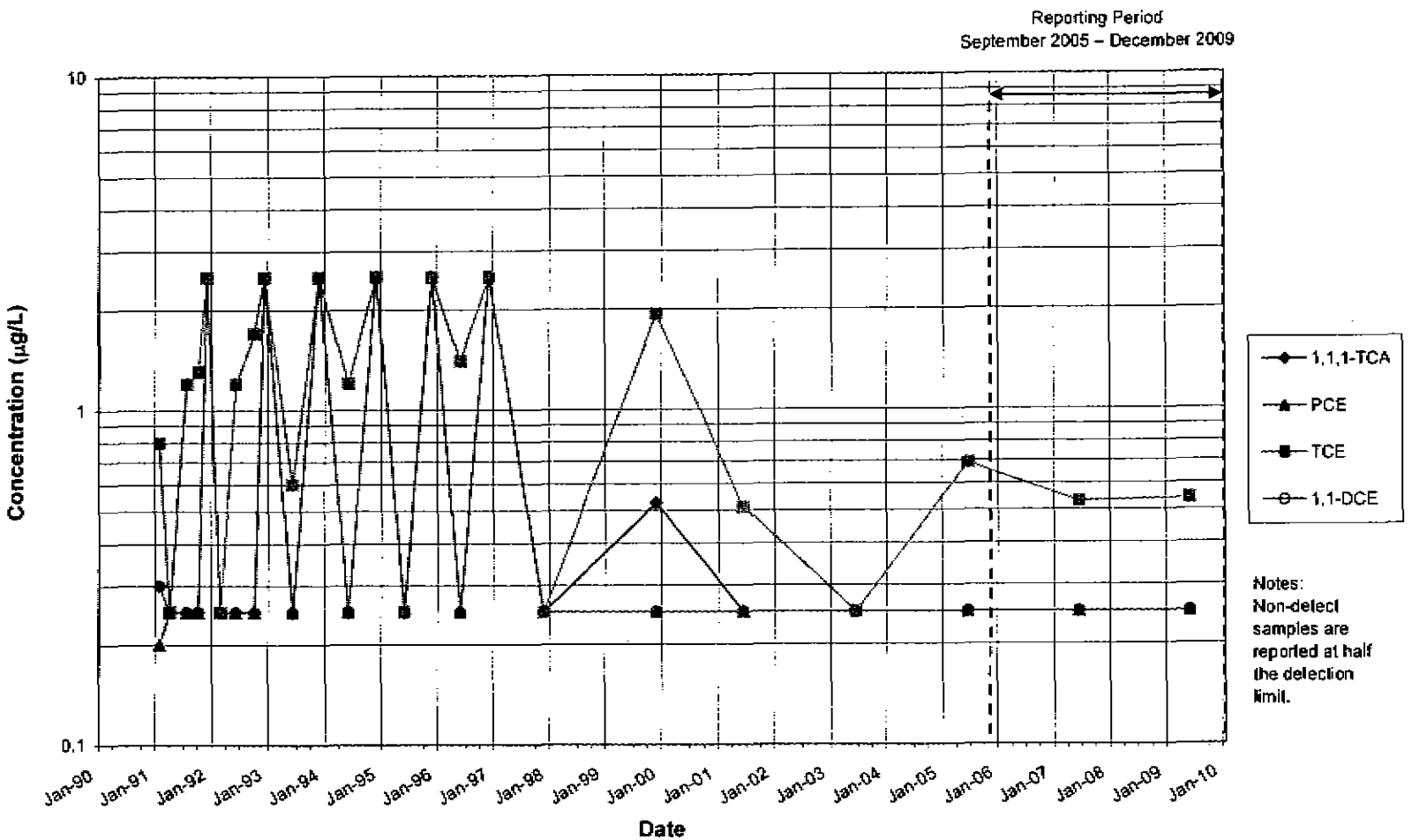


Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
F92A2

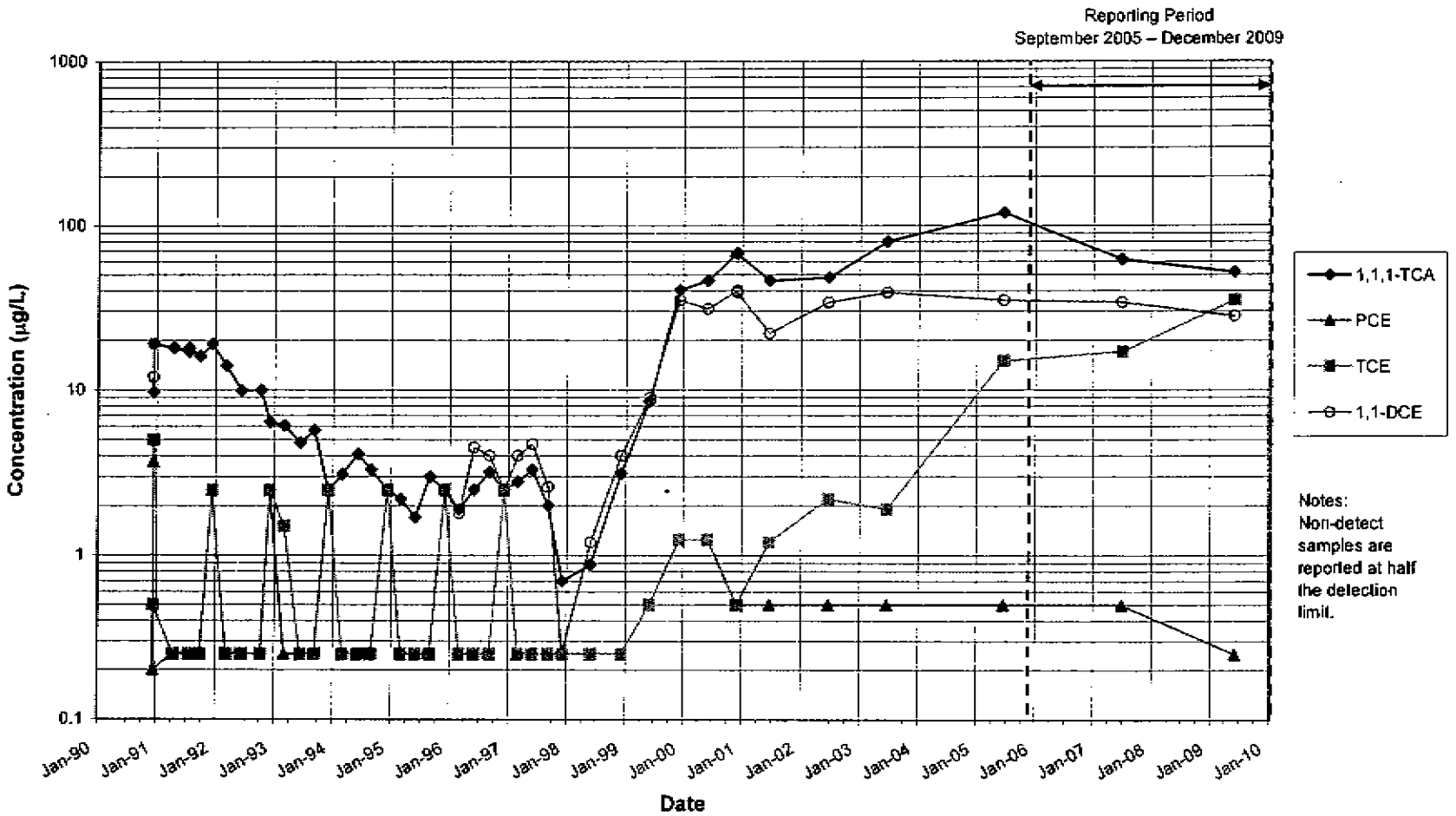


Selected VOC Concentrations vs. Time
F95A



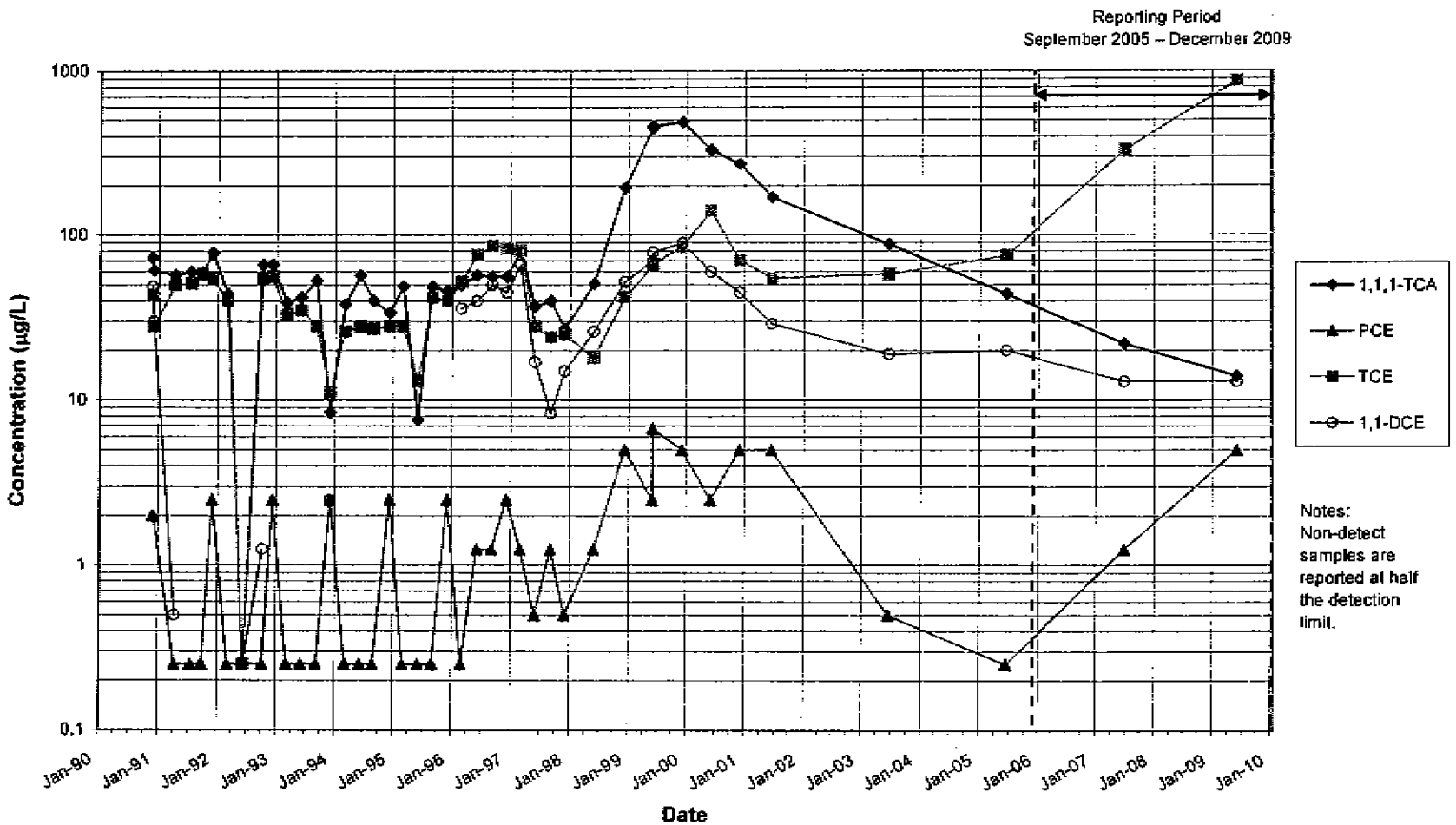
Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
F97A



Notes:
Non-detect samples are reported at half the detection limit.

Selected VOC Concentrations vs. Time
F98A



Notes:
Non-detect samples are reported at half the detection limit.