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Subject:
Draft Revised Focused Feasibility Study, Former Spectra-Physics Lasers, Inc. and Former Teledyne Semiconductor Sites, Mountain View, California

ENVIRONMENT

Date:
February 8, 2016

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Dear Mr. Papler:

ARCADIS U.S., Inc. (Arcadis) is pleased to submit this Draft Revised Focused Feasibility Study (FFS) report on behalf of TDY Industries, LLC, and Thermo Fisher Scientific, Inc. ("the Companies"). This report addresses chemically affected soil and groundwater at and in the vicinity of the former Spectra-Physics Lasers, Inc. ("Spectra-Physics") and the former Teledyne Semiconductor ("Semiconductor") Sites, located respectively at 1250 West Middlefield Road and 1300 Terra Bella Avenue, Mountain View, California.

Background

Arcadis submitted a draft FFS report on April 4, 2013 which addressed both chemically affected soil and groundwater in the Study Area. The Regional Water Quality Control Board (RWQCB) provided comments to the April 2013 FFS on August 26, 2013 ("August 2013 comments"). Approximately half of these comments pertained to on-going vapor intrusion (VI) investigation activities occurring in the Study Area. Arcadis has since continued implementation of the VI investigation, on behalf of the Companies, under oversight of the United States Environmental Protection Agency (USEPA) and RWQCB. As documented in correspondence from the RWQCB on December 11, 2014, the RWQCB and USEPA concluded that the Revised FFS can address both groundwater and VI even though the VI evaluation is not yet complete. Arcadis and the Companies have extensively reviewed the August 2013 comments. All of the comments were considered during preparation of this Draft Revised FFS, along with lessons learned regarding VI investigation and mitigation, and changes in regulatory guidance since the April 2013 FFS.

Draft Revised FFS

The goal of this Draft Revised FFS is to present data gathered as part of the full-scale enhanced reductive dechlorination (ERD) treatability study, long-term monitored natural attenuation (MNA) study, and ongoing VI evaluation for use in evaluating whether a revised final remedy is appropriate. The existing remedy at the Semiconductor and Spectra-Physics Sites has consisted of SVE and treatment at Spectra-Physics, groundwater extraction and treatment at various portions of the Study Area, and institutional controls. Groundwater is being evaluated in this Draft Revised FFS as a result of a new available remedial technology for groundwater. Vapor is being evaluated as a result of an enhanced understanding of the risks associated with vapor intrusion and as a result of new and/or revised regulatory guidance on vapor intrusion investigations and mitigation. Soils were previously addressed in accordance with the *Joint Remedial Investigation/Feasibility Study (RI/FS) Report for Teledyne Semiconductor and Spectra-Physics, Mountain View, California*. As a result, matters related to chemically affected soil in the Study Area are not included in this Draft Revised FFS.

Several advances in remediation technology have occurred since the current remedy was selected, including in situ biological treatment (also referred to as enhanced reductive dechlorination [ERD]) of VOCs in groundwater. ERD technology has been shown to offer comparable or superior treatment performance and implementability with fewer or lesser adverse impacts than ex situ groundwater treatment technologies, and has been shown to be an extremely effective treatment technology at the Sites through implementation of the full-scale ERD treatability study. Additionally, geochemical conditions conducive to natural attenuation of VOCs are present within the Study Area and have been shown to be at least as effective as pump and treat for maintaining stable plume conditions.

As such, results of this Draft Revised FFS support the development of a revised remedial approach which includes source area ERD followed by MNA and distal plume MNA, as well as vapor intrusion mitigation tools and institutional controls to prevent vapor intrusion into commercial and residential buildings in excess of the respective screening levels. Similarly to ERD and MNA at the Sites, various vapor intrusion mitigation tools and institutional controls already implemented at the Sites have been shown to be highly effective.

Summary

A detailed analysis of the existing and revised remedial alternative is presented in Section 10 of the Draft Revised FFS. The results indicate that although the existing remedy meets the Feasibility Study evaluation criteria for long-term effectiveness, reduction of toxicity, mobility, or volume through treatment, implementability, and agency and community acceptance, it does not meet the criteria for short-term effectiveness, compliance with ARARs, and overall protection of human health, and is not cost effective when compared to the revised remedial alternative. Additionally, it is not a necessary measure to prevent further plume migration in the North Bayshore Area because natural attenuation provides the same benefit.

Based on the results of the alternatives analysis, we recommend that Alternative 3 (source area ERD to be followed by MNA, distal plume area MNA, vapor intrusion mitigation tools, and institutional controls) be selected as the final remedy.

Sincerely,

ARCADIS U.S., Inc.

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Environmental Scientist	Senior Geologist	Vice President

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ARCADIS Design & Consultancy for natural and built assets

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DRAFT

REVISED FOCUSED FEASIBILITY STUDY

Former Spectra-Physics Lasers, Inc. and
Former Teledyne Semiconductor Sites
Mountain View, California

February 8, 2016

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DRAFT REVISED FOCUSED FEASIBILITY STUDY

Former Spectra-Physics Lasers, Inc.
and Former Teledyne Semiconductor Sites
Mountain View, California

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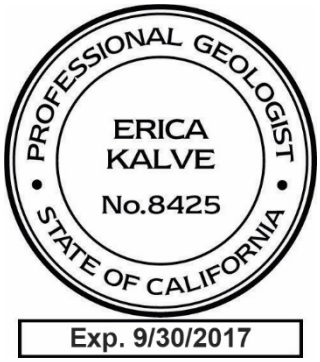

Prepared for:

TDY Industries, LLC, regarding the former
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ACRONYMS AND ABBREVIATIONS

2009 FFS	*Focused Feasibility Study, Spectra-Physics Lasers, Inc., and Former Teledyne Semiconductor, 1250 West Middlefield Road and 1300 Terra Bella Avenue.*
µg/L	micrograms per liter
ARAR	Applicable or Relevant and Appropriate Requirement
Arcadis	ARCADIS U.S., Inc.
BTEX	benzene, toluene, ethylbenzene, and total xylenes
CAO 91-025	Regional Water Quality Control Board Final Cleanup and Abatement Order No. 91-025
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
cis-1,2-DCE	cis-1,2-dichloroethene
COC	chemical of concern
Companies	TDY Industries, LLC, and Thermo Fisher Scientific, Inc.
CSM	conceptual site model
CSVS	crawl space venting system
Dhc	*Dehalococcoides*
DNAPL	dense non-aqueous phase liquid
DO	dissolved oxygen
DTSC	California Department of Toxic Substances Control
DWR	California Department of Water Resources
E_2C	E_2C, Inc.
ERD	enhanced reductive dechlorination
ERD treatment area	the groundwater target treatment area
Five-Year Status Report	*Five-Year Status Evaluation Report for the Former Teledyne Semiconductor/Spectra-Physics Lasers Site*
FFS	Focused Feasibility Study
FS	Feasibility Study
ft bgs	feet below ground surface
FTC&H	Fishbeck, Thompson, Carr & Huber
FTC&H Work Plan	*Work Plan to Implement Full-Scale ERD Treatability Study*
GAC	granular activated carbon
GRA	general response actions

GWETS	groundwater extraction and treatment system
HLA	Harding Lawson Associates
HHRA	human health risk assessment
HRC	Hydrogen Release Compound™
HVAC	heating, ventilation, and air conditioning
Interim MNA Report	*Interim Report, Monitored Natural Attenuation Study at the North Bayshore and Spring Street Extraction Systems*
IRZ	in situ reactive zone
Joint RI/FS Report	*Joint Remedial Investigation/Feasibility Study (RI/FS) Report for Teledyne Semiconductor and Spectra-Physics, Mountain View, California*
LFR	LFR Levine·Fricke; LFR Inc.; and LFR Inc. an ARCADIS company
MCL	Maximum Contaminant Level
mg/kg	milligrams per kilogram
mg/L	milligrams per liter
MNA	monitored natural attenuation
Montwood Site	property of former business located at 1555, 1615, and 1625 Plymouth Street
NBA	North Bayshore Area
NBAR	Nonbinding Preliminary Allocation of Responsibility
NBES	North Bayshore Extraction System
NCP	National Contingency Plan
NPDES	National Pollutant Discharge Elimination System
O&M	operation and maintenance
off-Property	the Spring Street Area and North Bayshore Area of the Study Area
on-Property	the area within the former Spectra-Physics Properties or former Teledyne Semiconductor property
OSWER Guidance	*OSWER Technical Guide for Assessing and Mitigation the Vapor Intrusion Pathway from Subsurface Vapor Sources to Indoor Air*
PCE	tetrachloroethene
Peery Arrillaga Site	property of former business located at 1098 Alta Avenue
PES	PES Environmental, Inc.
PID	photoionization detector
POTW	publicly owned treatment works
PRP	potentially responsible party

RAO	remedial action objective
Revised NBAR report	*Revised Proposed Nonbinding Preliminary Allocation of Responsibility*
RI/FS	Remedial Investigation/Feasibility Study
RSL	regional screening level
RWQCB	Regional Water Quality Control Board
SCVWD	Santa Clara Valley Water District
Semiconductor	Teledyne Semiconductor
Sites	the former Spectra-Physics Lasers, Inc. and former Teledyne Semiconductor sites in Mountain View, California
SMP	Soil Management Plan
Space Park Way Site	1625 and 1675 Space Park Way
Spectra-Physics	Spectra-Physics Lasers, Inc.
SSA	Spring Street Area
SSD	sub-slab depressurization
SSES	Spring Street Extraction System
SSPA	S.S. Papadopulos & Associates, Inc.
Study Area	the extent of chemically affected groundwater and vapor at the former Spectra-Physics Lasers, Inc. and former Teledyne Semiconductor Sites in Mountain View, California
SVE	soil vapor extraction
SVETS	Soil Vapor Extraction and Treatment System
TBCs	non-promulgated, non-binding standards, policies, guidance documents or local requirements that are considered in this FFS, but are not ARARs
TCE	trichloroethene
TEAP	terminal electron accepting process
TPHg	total petroleum hydrocarbons as gasoline
tVOC	total volatile organic compounds
USEPA	United States Environmental Protection Agency
VC	vinyl chloride
VOC	volatile organic compound

EXECUTIVE SUMMARY

Arcadis U.S., Inc. (Arcadis) has prepared this Revised Focused Feasibility Study (FFS) on behalf of TDY Industries, LLC and Thermo Fisher Scientific, Inc. (the Companies). This report addresses chemically affected groundwater and vapor at the former Spectra-Physics Lasers, Inc. (Spectra-Physics) and former Teledyne Semiconductor (Semiconductor) sites (the Sites) in Mountain View, California (the Study Area; Figure 1-1). Groundwater is being evaluated in this FFS as a result of a new available remedial technology for groundwater. Vapor is being evaluated as a result of an enhanced understanding of the risks associated with vapor intrusion and as a result of new and/or revised regulatory guidance on vapor intrusion investigations and mitigation. Soils were previously addressed in accordance with the *Joint Remedial Investigation/Feasibility Study (RI/FS) Report for Teledyne Semiconductor and Spectra-Physics, Mountain View, California* (LFR 1990a). As a result, matters related to chemically affected soil in the Study Area are not included in this FFS.

As shown on Figure 1-1, the Study Area includes a total of four general subareas:

- Former Spectra-Physics Properties, comprised of the following properties, as defined in the United States Environmental Protection Agency (USEPA) *Record of Decision* (USEPA 1991) and noted on Figure 1-2:
    - 1250 West Middlefield Road (Building 3)
    - 1330 West Middlefield Road (Building 4)
    - 1340 West Middlefield Road (Building 4A)
    - 1350 West Middlefield Road (Building 5)
    - 1245 Terra Bella Avenue (Building 2)
    - 1305 Terra Bella Avenue (Building 18)
    - 1327/1335 Terra Bella Avenue (Building 7)
    - 1330 Terra Bella Avenue (Building 15)
    - 1344 Terra Bella Avenue (Building 6)
- Former Semiconductor Property located at 1300 Terra Bella Avenue;
- Spring Street Area (SSA) located northwest of the on-Property areas; and
- North Bayshore Area (NBA) located north of Highway 101, extending to approximately Amphitheatre Parkway.

For the sake of this report, the investigations taking place within the former Spectra-Physics Properties or the former Teledyne Semiconductor property are referred to as “on-Property”, while investigations taking place within the SSA or the NBA are referred to as “off-Property”.

This FFS summarizes and evaluates results of site investigations and remedial actions completed to date, summarizes significant new information affecting the remedy, presents Applicable or Relevant and Appropriate Requirements (ARARs), as well as other non-promulgated, non-binding standards, policies,

guidance documents or local requirements to be considered (TBCs), for vapor intrusion and institutional controls, proposes new remedial action objectives (RAOs), and presents and evaluates remedial action alternatives to support a change of the existing remedial actions. This document follows the feasibility study (FS) evaluation process to identify and evaluate appropriate remedial alternatives so that an appropriate remedy is selected. The following provides a brief summary of the remedial history for the Sites, the conceptual site model (CSM), RAOs, and a summary of the remedial option screening process and comparison and analysis of the remedial alternatives.

Historical Remedial Overview. Semiconductor and Spectra-Physics had occupied their respective properties since the early 1960s and historically used a variety of synthetic chemicals in their manufacturing processes. Environmental investigation and remediation activities began in the 1980s and have been ongoing since that time. The Regional Water Quality Control Board (RWQCB) Final Cleanup and Abatement Order No. 91-025 (CAO 91-025), dated February 21, 1991, summarizes the history, investigation activities, interim remedial activities, remedy selection rationale, and final remedy selection, and establishes cleanup goals for soil and groundwater for the Study Area. Order Number 94-184, an amendment to CAO 91-025, was issued on December 14, 1994. The amendment set forth the preliminary, nonbinding allocation of responsibility (NBAR) for Teledyne Semiconductors, Inc., Spectra-Physics and other potentially responsible parties in the off-Property area. In accordance with CAO 91-025 and amendment, the remedy at the Semiconductor and Spectra-Physics on-Property areas has consisted of soil vapor extraction (SVE) and treatment for contaminated soil at Spectra-Physics Buildings 2 and 3, groundwater extraction and treatment for groundwater at various portions of the Study Area, and institutional controls. These remedial actions have proven to be effective at removing soil contamination and are not further evaluated in this FFS. Groundwater remedial actions at the Semiconductor and Spectra-Physics Sites have functioned as designed; however, contaminant concentrations in groundwater remain above cleanup standards throughout the affected area. Groundwater extraction has been largely curtailed during two pilot tests, including a monitored natural attenuation (MNA) pilot study in the NBA and an enhanced reductive dechlorination (ERD) treatability study implemented at the Semiconductor Property.

Additional Site Characterizations. Additional characterization investigations have taken place within the Study Area since the Joint RI/FS Report was submitted in 1990 with the goal of refining the CSM to meet RAOs. Several investigations have been conducted to delineate remnant source areas, defined as any on-Property area with significant residual mass of volatile organic compounds (VOCs) that could interfere with achieving groundwater standards within a reasonable time frame.

Conceptual Site Model. Information from historical site investigations, remedial activities, and ongoing studies was compiled to develop a site-wide CSM. The following summary integrates the key CSM components and presents information from upgradient to downgradient areas.

- VOCs were historically observed in shallow vadose zone soils at Spectra-Physics Buildings 2 and 3 and were treated over a 10-year period using excavation and Soil Vapor Extraction and Treatment System (SVETS) Number 1 and SVETS Number 2. Confirmation soil sampling indicated that SVE effectively reduced the concentrations of VOCs in soil to target clean-up levels. Residual concentrations of VOCs present in groundwater migrate to the Semiconductor Property.

- At the Semiconductor Property, VOCs are primarily present in saturated soils and groundwater, with no known vadose zone soil impacts. The Groundwater Extraction and Treatment System (GWETS) effectively contained and treated the plume and operated from 1986 through 2005. In 2005, an ERD pilot study was conducted and demonstrated the effectiveness of in situ bioremediation to treat concentrations of VOCs in saturated soils and shallow and intermediate zone groundwater. A full-scale ERD treatability study began at the Semiconductor Property in January 2011. The treatability study has induced strongly reducing conditions and has been very effective at reducing concentrations of VOCs in saturated soils and groundwater. Successful reduction of VOC mass in saturated soils and groundwater through ERD remediation has led to significant reductions of mass flux from the Semiconductor Property and has decreased the estimated time frame to meet groundwater cleanup goals.
- Historically, off-Property VOC-affected groundwater was captured by two groundwater extraction systems, the Spring Street Extraction System (SSES) and the North Bayshore Extraction System (NBES). The SSES operated from 1991 until 2015. The plume in the NBA is comingled with three separate releases associated with other NBA properties, including the Peery Arrillaga Site, the Montwood Site, and the Space Park Way Site. A portion of the NBES continues to operate although the majority of mass removal in the NBA occurs via natural attenuation processes.
- The Companies implemented an approved MNA pilot study (LFR 2003) in the NBA in 2003 that documented VOC mass reductions and plume shrinkage under non-pumping conditions. MNA has been shown to be effective at reducing mass in the NBA, as documented most recently in semiannual groundwater monitoring report (Appendix I).
- Suboxic to reducing conditions, while variable, are naturally present in groundwater throughout the Study Area. These conditions have contributed to stable plume dimensions in the NBA over time.
- VOCs appear to volatilize from shallow zone groundwater and are present at low concentrations in indoor air at certain residences and commercial buildings within the Study Area. VOC concentrations have been detected above residential and industrial screening levels, and in each case, mitigation and/or additional sampling has been offered to the property owner. As VOCs in groundwater continue to decrease over time, it is expected that detections of VOCs in indoor air will also continue to decrease.
- A HHRA screen was conducted and determined that inhalation of VOCs migrating from the subsurface is the only potentially complete exposure pathway identified for residential and commercial worker receptors. The additional exposure routes listed below were identified, but determined to be incomplete and would remain incomplete under potential future configurations:
    - Ingestion, dermal contact, and inhalation (from potable water) of groundwater;
    - Inhalation of dust particles; and,
    - Ingestion and dermal contact with surface and subsurface soil

Applicable or Relevant and Appropriate Requirements. ARARs for soil and groundwater were previously evaluated and included in the Joint RI/FS Report (LFR 1990a). The soil and groundwater

ARARs continue to be applicable to the Sites. The following guidance documents have been identified as ARARs/TBCs related to vapor intrusion and institutional controls:

- Interim Framework for Assessment of Vapor Intrusion at TCE-Contaminated Sites in the San Francisco Bay Region (RWQCB 2014)
- EPA Region 9 Guidelines and Supplemental Information Needed for Vapor Intrusion Evaluations at the South Bay National Priorities List (NPL) Sites (USEPA 2013)
- United States Environmental Protection Agency (USEPA) Region 9 Response Action Levels and Recommendations to Address Near-Term Inhalation Exposures to TCE in Air from Subsurface Vapor Intrusion (USEPA 2014)
- OSWER Technical Guide for Assessing and Mitigation the Vapor Intrusion Pathway from Subsurface Vapor Sources to Indoor Air (OSWER Guidance; USEPA 2015a)
- USEPA Regional Screening Levels (USEPA 2015b)
- ATSDR Acute and Intermediate Minimal Risk Levels (ATSDR 2015)
- Institutional Controls: A Guide to Planning, Implementing, Maintaining and Enforcing Institutional Controls at Contaminated Sites (USEPA 2012)

Remedial Action Objectives. RAOs provide a general description of what the remediation will accomplish. The following RAOs are proposed in this FFS:

- Remove sufficient VOC mass from the remnant source area to facilitate achievement of groundwater standards throughout the Study Area in a reasonable time frame.
- Demonstrate that VOC concentrations in groundwater are on a trajectory to achieve groundwater standards throughout the Study Area in a reasonable time frame.
- Reduce VOC concentrations in shallow zone groundwater to levels that minimize human health concerns from a vapor intrusion pathway.
- Mitigate vapor intrusion of VOCs from shallow groundwater to eliminate exceedances of potentially applicable indoor air screening levels in buildings within the Study Area.

Remedial Alternative Screening Process. Remedial alternatives were identified following the identification and screening of new technology and processes. A detailed comparison and analysis of three remedial alternatives was conducted. Alternative 1 is no action; Alternative 2 is the existing groundwater extraction and treatment remedy; and Alternative 3 is source area ERD followed by MNA (Alternative 3a), distal plume MNA (Alternative 3b), vapor intrusion mitigation tools (Alternative 3c) and institutional controls (Alternative 3d). A detailed comparison of these remedial alternatives was completed using the nine FS remedial selection criteria provided by the USEPA , including short-term effectiveness, long-term effectiveness and permanence, reduction of toxicity, mobility, or volume through treatment, implementability, cost, overall protection of human health and the environment, compliance with ARARs, support agency acceptance, and community acceptance.

Alternative 1 does not meet the USEPA remedial selection criteria. Alternative 2 includes the current remedial strategy for the Sites for ongoing groundwater extraction and treatment. Although this remedy

meets the FS evaluation criteria for long-term effectiveness, reduction of toxicity, mobility, or volume through treatment, implementability, and agency and community acceptance, it does not meet the criteria for short-term effectiveness, compliance with ARARs/TBCs and overall protection of human health, and is not cost effective when compared to Alternative 3. Additionally, it is not a necessary measure to prevent further plume migration in the NBA because natural attenuation provides the same benefit.

Several advances in remediation technology have occurred since the current remedy was selected, including in situ biological treatment (also referred to as ERD) of VOCs in groundwater. ERD technology has been shown to offer comparable or superior treatment performance and implementability with fewer or lesser adverse impacts than ex situ groundwater treatment technologies, and has been shown to be an extremely effective treatment technology at the Sites through implementation of the full-scale ERD treatability study. Additionally, geochemical conditions conducive to natural attenuation of VOCs are present within the Study Area and have been shown to be at least as effective as pump and treat for maintaining stable plume conditions. As such, Alternative 3 includes source area ERD followed by MNA and distal plume MNA, as well as vapor intrusion mitigation tools and institutional controls to prevent vapor intrusion into commercial and residential buildings in excess of the respective screening levels. Similarly to ERD and MNA at the Sites, various vapor intrusion mitigation tools and institutional controls already implemented at the Sites have been shown to be highly effective. This alternative meets eight of the nine FS evaluation criteria and provides the most efficient remedial approach for the Study Area. The ninth evaluation criteria (community acceptance) will be evaluated as part of the public comment period that is required as part of the remedial alternative selection process.

1 INTRODUCTION

Arcadis U.S., Inc. (Arcadis) has prepared this Revised Focused Feasibility Study (FFS) on behalf of TDY Industries, LLC and Thermo Fisher Scientific, Inc. (the Companies). This report addresses chemically affected groundwater and vapor at the former Spectra-Physics Lasers, Inc. (Spectra-Physics) and former Teledyne Semiconductor (Semiconductor) sites (the Sites) in Mountain View, California (the Study Area; Figure 1-1). Groundwater is being evaluated in this FFS as a result of a new available remedial technology for groundwater. Vapor is being evaluated as a result of an enhanced understanding of the risks associated with vapor intrusion and as a result of new and/or revised regulatory guidance on vapor intrusion investigations and mitigation. Soils were previously addressed in accordance with the *Joint Remedial Investigation/Feasibility Study (RI/FS) Report for Teledyne Semiconductor and Spectra-Physics, Mountain View, California* (the Joint RI/FS Report; LFR 1990a). As a result, matters related to chemically affected soil in the Study Area are not included in this FFS.

As shown on Figure 1-1, the Study Area includes a total of four general subareas:

- Former Spectra-Physics Properties, comprised of the following properties as defined in the United States Environmental Protection Agency (USEPA) *Record of Decision* (USEPA 1991) and noted on Figure 1-2:
    - 1250 West Middlefield Road (Building 3)
    - 1330 West Middlefield Road (Building 4)
    - 1340 West Middlefield Road (Building 4A)
    - 1350 West Middlefield Road (Building 5)
    - 1245 Terra Bella Avenue (Building 2)
    - 1305 Terra Bella Avenue (Building 18)
    - 1327/1335 Terra Bella Avenue (Building 7)
    - 1330 Terra Bella Avenue (Building 15)
    - 1344 Terra Bella Avenue (Building 6)
- Former Teledyne Semiconductor Property located at 1300 Terra Bella Avenue;
- Spring Street Area (SSA) located northwest of the on-Property areas; and,
- North Bayshore Area (NBA) located north of Highway 101 and extends to approximately Amphitheatre Parkway.

For the sake of this report, the investigations taking place within the former Spectra-Physics Properties or the former Teledyne Semiconductor property are referred to as “on-Property”, while investigations taking place within the SSA or the NBA are referred to as “off-Property”.

This FFS summarizes and evaluates results of site investigations and remedial actions completed to date, summarizes significant new information affecting the remedy, presents Applicable or Relevant and Appropriate Requirements (ARARs), as well as other non-promulgated, non-binding standards, policies, guidance documents or local requirements to be considered (TBCs), for vapor intrusion and institutional

controls, proposes new remedial action objectives (RAOs), and presents and evaluates remedial action alternatives to support a change of the existing remedial action.

This report was prepared by the Companies and is consistent with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980, 42 United States Code Section 9601 et seq., as amended by the Superfund Amendments and Reauthorization Act of 1986; the National Contingency Plan (NCP), 40 Code of Federal Regulations Part 300, Subpart F; and USEPA guidance document for conducting a Feasibility Study (FS); *Guidance for Conducting Feasibility Studies under CERCLA*, dated June 1985. The following draft and final guidance documents were also consulted: *Interim Final Guidance for Conducting Remedial Investigations and Feasibility Studies under CERCLA*, dated October 1988, as well as the final version of this guidance published in 1989 (USEPA 1989a); the Draft NCP, dated June 20, 1988; and *Draft CERCLA Compliance with Other Laws Manual*, dated August 8, 1988. New USEPA and Regional Water Quality Control Board (RWQCB) guidance documents regarding vapor intrusion investigations (RWQCB 2014; USEPA 2014; USEPA 2015a) were consulted in the development of the vapor intrusion evaluation presented in Section 2. USEPA guidance documents *Use of Monitored Natural Attenuation at Superfund, RCRA Corrective Action, and Underground Storage Tank Sites*, dated April 1999, and *An Approach for Evaluating the Progress of Natural Attenuation in Groundwater,* dated December 2011, were consulted in the development of the monitored natural attenuation (MNA) evaluation presented in Section 7.

1.1 Report Objectives and Organization

The general objectives for an FS are outlined in Section 300.430(e) of the NCP, as follows:

“To ensure that appropriate remedial alternatives are developed and evaluated such that relevant information concerning the remedial action options can be presented to a decision-maker and an appropriate remedy selected.”

In keeping with the NCP, the goal of the FFS is to present data gathered as part of the full-scale enhanced reductive dechlorination (ERD) treatability study, long-term MNA study and vapor intrusion study for use in evaluating whether a revised final remedial action is appropriate. The FFS is organized as follows:

- Section 1 presents the report objectives, site background, and a summary of remedial measures and new information affecting the existing site remedy.
- Section 2 presents a brief overview of additional site characterization activities.
- Section 3 describes the full-scale conceptual site model (CSM), including physical characteristics, volatile organic compound (VOC) distribution both on-Property and off-Property, fate and transport for chemicals of concern (COCs), and the human health risk assessment.
- Section 4 presents the ARARs/TBCs for vapor intrusion and institutional controls. Soil and groundwater ARARs were previously presented in the Joint RI/FS Report (LFR 1990a) and remain applicable.
- Section 5 summarizes the proposed RAOs for groundwater and vapor.
- Section 6 identifies and screens new technology and processes.

- Section 7 summarizes the MNA evaluations.
- Section 8 summarizes the implementation of the full-scale ERD treatability study. This includes all aspects of the ERD process as well as the related soil vapor monitoring.
- Section 9 summarizes identified remedial alternatives.
- Section 10 presents a detailed comparison and analysis of the remedial alternatives.
- Section 11 presents the list of sources cited in this report.

1.2 Site Background and Location

Semiconductor and Spectra-Physics occupied their respective properties since the early 1960s. Before that time, the properties were used as fruit orchards. Semiconductor manufactured semiconductor components, and Spectra-Physics manufactured lasers and laser components. Both former facilities historically used a variety of synthetic chemicals in their manufacturing processes.

As shown on Figure 1-1, the Study Area is approximately bounded by Permanente Creek on the west, Shoreline Boulevard on the east, West Middlefield Road on the south, and the southern edge of the City of Mountain View Landfill on the north. As shown on Figure 1-1, the Study Area has four general subareas: the Spectra-Physics on-Property area, the Teledyne on-Property area, the SSA, and the NBA.

1.3 Summary of November 26, 1990 Proposed Remedial Plan and Existing Site Cleanup and Abatement Order

The November 26, 1990 *Proposed Remedial Plan* (LFR 1990b) proposed groundwater extraction from the shallow- and intermediate-zone wells in the NBA and SSA and at the Semiconductor Property. Additionally, the remedial plan proposed expanded soil vapor extraction (SVE) at Spectra-Physics in the vicinity of Buildings 2 and 3. The RWQCB *Final Cleanup and Abatement Order No. 91-025* (CAO 91-025), dated February 21, 1991, summarizes the history, investigation activities, interim remedial activities, remedy selection rationale, and final remedy selection, and establishes cleanup goals for soil and groundwater for the Study Area. Order Number 94-184, an amendment to CAO 91-025, was issued on December 14, 1994. The amendment set forth preliminary, nonbinding allocation of responsibility (NBAR) for Teledyne Semiconductors, Inc., Spectra-Physics and other potentially responsible parties (PRPs) in the off-Property area.

The remedy at the Semiconductor and Spectra-Physics Sites has consisted of SVE and emissions treatment for affected soils, groundwater extraction and treatment at various portions of the Study Area (on- and off-Property), and institutional controls.

Remedial actions at the Semiconductor and Spectra-Physics Sites have functioned as designed. Chemically affected soils at the Sites were addressed using SVE in accordance with the Joint RI/FS Report (LFR 1990a); however, groundwater extraction and treatment has not been effective at reducing contaminant concentrations below groundwater cleanup standards throughout the Study Area.

1.4 Summary of Site History

VOCs were first detected in the Study Area in 1982. Investigations were initiated at the Semiconductor Property in 1982 and the Spectra-Physics Properties in 1984 when VOCs were identified in soil and

groundwater. Several soil and groundwater investigations were conducted at the Sites to characterize the distribution of VOCs in soil and groundwater and supported development of appropriate remedial actions. Remedial activities have included soil excavation, groundwater extraction, and SVE (LFR 1990a; Harding Lawson Associates [HLA] 1991).

In addition to operations that took place at former Semiconductor and Spectra-Physics Properties, many other existing or former businesses in the area have used VOCs and contributed to the distribution of VOCs in groundwater within the Study Area. Former Montwood Corp was located at 1555, 1615, and 1625 Plymouth Street (the Montwood Site), and Peery Arrillaga operated a business located at 1098 Alta Avenue (the Peery Arrillaga Site). These sites have been required, under separate RWQCB Orders, to address additional soil and groundwater affected by chlorinated solvents on their properties. An additional source is located at one of the properties at 1625 and 1675 Space Park Way, the intersection of Space Park Way and North Shoreline Boulevard (Space Park Way Site; Figure 1-2). The locations of each remedial measure and of other VOC source areas within the Study Area are illustrated on Figure 1-2.

1.5 Significant New Information Affecting the Existing Site Remedy

Investigations and studies have recently been performed within the Study Area on behalf of the Companies to assess the effectiveness of alternative remedial approaches that have been developed since the issuance of CAO 91-025 in 1991, and to further characterize the extent of VOCs at the Sites. These investigations and studies consisted of:

- ERD pilot study and data gap investigations
- Full-scale implementation of ERD injections at the Semiconductor Property
- Long-term MNA pilot study
- On-Property and off-Property soil vapor and vapor intrusion studies

Results from the investigations and studies have contributed significant new information that supports the decision to revise the current remedy to improve remedial effectiveness and cleanup time frames. The monitoring results from the ERD pilot study and full-scale ERD treatability study have successfully demonstrated enhanced degradation of VOCs in shallow- and intermediate- groundwater zones. Significant decreases in VOC mass have already occurred since implementation of the full-scale ERD treatability study began. The results of the long-term MNA pilot study have successfully demonstrated that natural attenuation is as effective as pump and treat at achieving VOC plume stability and plume reduction in the NBA.

The potential for vapor intrusion of VOCs from shallow groundwater exists within the Study Area given the depth to shallow groundwater and the concentrations of VOCs in shallow groundwater. New guidance for vapor intrusion investigations and evaluations, including OSWER's *Technical Guide for Assessing and Mitigation the Vapor Intrusion Pathway from Subsurface Vapor Sources to Indoor Air* (OSWER Guidance; USEPA 2015a), have further emphasized the potential for vapor intrusion concerns, thereby prompting the Companies to develop a set of vapor intrusion mitigation tools to mitigate indoor air quality in the interim while implementing expedited groundwater cleanup technologies. Potential building mitigation approaches have successfully improved indoor air quality when implemented at commercial or residential buildings in the Study Area. Individual tools from the set of vapor intrusion mitigation tools can be

implemented for additional commercial or residential buildings, as needed, based on the property, stakeholder, and/or building-specific characteristics. In accordance with the OSWER guidance, the responsible parties plan to submit a long-term stewardship plan upon completion of the vapor intrusion studies.

2 ADDITIONAL SITE CHARACTERIZATION

Additional soil, groundwater, soil vapor and vapor intrusion characterization investigations have taken place within the Study Area since the Joint RI/FS Report was submitted in 1990. Several investigations have been conducted to delineate remnant source areas, defined as any on-Property area with significant residual mass of VOCs that could interfere with achieving groundwater standards within a reasonable time frame. In addition, a groundwater investigation to refine the extent of the VOC plume in the NBA, a groundwater investigation to refine the extent of the VOC plume in the Spectra-Physics on-Property area and a soil gas investigation on the Spectra-Physics on-Property area are upcoming. Soil vapor monitoring and indoor air studies are being conducted both on-Property and off-Property.

A summary of site characterization investigations conducted since the submittal of the Joint RI/FS for the Semiconductor on-Property area and Spectra-Physics on-Property area is included in Sections 2.1 and 2.2 below. Summaries of the proposed groundwater investigation in the off-Property area, the groundwater investigation to refine the extent of the VOC plume in the Spectra-Physics on-Property area, and the soil gas investigation on the Spectra-Physics on-Property area are included in Section 2.3. Soil vapor, indoor air, and outdoor air samples have been collected throughout the Study Area; a summary of these investigations conducted to date is included in Section 2.4. Conclusions and anticipated conclusions from the additional site characterizations are presented in Section 2.5.

2.1 Summary of Semiconductor On-Property Soil and Groundwater Investigations

LFR completed a data gap investigation between July 2007 and December 2008 in an effort to further assess the distribution of VOCs in soil and groundwater at the Semiconductor Property. The findings of the investigation identified elevated concentrations of total VOCs (tVOCs) in groundwater in the areas north and west of the commercial building located on the Semiconductor Property. The results are discussed in detail in Appendix A. The findings were used to establish the proposed groundwater target treatment area ("the ERD treatment area") as defined in the 2009 Focused Feasibility Study (LFR 2009c). In general, the target ERD treatability study area was limited to the portion of the Semiconductor Property, as shown on Figure 2-1.

A work plan to implement a full-scale ERD treatability study at the former Teledyne Semiconductor property was prepared by Fishbeck, Thompson, Carr & Huber (FTC&H) and S.S. Papadopulos & Associates, Inc. (SSPA) in 2010 (FTC&H/SSPA 2010). This work plan and its associated addenda (FTC&H 2010a, 2010b) were approved by the RWQCB on January 31, 2011. Per the approved work plan, additional subsurface and chemical characterization was performed during installation of the ERD injection network in 2011. The additional site characterization verified that trichloroethene (TCE) is the primary COC within the ERD treatment area and also resulted in a larger ERD treatment area than what is shown on Figure 2-1. The site plan of the final injection well network is presented on Figure 2-2a and the soil vapor monitoring point locations for the associated vapor monitoring are presented on Figure 2-2b. A total of 15 new monitoring wells were installed to assess the ERD system performance, as presented in Figures 2-1 and 2-2a.

Additional site characterization associated with the full-scale ERD treatability study, the implementation of the full-scale ERD treatability study, and the soil vapor monitoring system installation are discussed in detail in Appendices B1, B2 and B3, respectively.

2.2 Summary of Spectra-Physics On-Property Soil and Groundwater Investigations

In 1996, groundwater samples were collected as part of a Phase I and Phase II environmental site assessment conducted by E_2C, Inc. (E_2C) for the former Spectra-Physics Building 2, located at 1245 Terra Bella Avenue. Three hydropunch-type groundwater samples were collected and analyzed for VOCs by USEPA Test Method 8010, and concentrations of VOCs above remedial goals were detected (E_2C 1996).

In 2013, soil, soil vapor and groundwater samples were collected as part of an environmental site assessment conducted by IRIS Environmental for the former Spectra-Physics Building 2. Soil samples were collected from nine locations at 2 feet below ground surface (ft bgs) and 5 ft bgs, and were analyzed for VOCs, metals and polychlorinated biphenyls. VOCs were not detected in soil at concentrations above the screening levels noted in the report. Soil vapor samples were collected from eight locations at 5 ft bgs and subslab samples were collected from two locations and analyzed for VOCs and methane. Benzene, 1,3-butadiene and TCE were detected in soil vapor at concentrations above the screening levels noted in the report. Groundwater samples were collected from nine locations and were analyzed for VOCs. Cis-1,2-dichloroethene (cis-1,2-DCE) and TCE were detected at concentrations above the groundwater screening levels noted in the report.

2.3 Summary of Upcoming On-Property and Off-Property Soil Gas and Groundwater Investigations

Although it will not impact the remedy selection, it is important to note that Arcadis, on behalf of the Companies, submitted a Spectra-Physics On-Property *Soil Gas Investigation Work Plan* (Arcadis 2015a; Appendix C) in October 2015. The objective of the work plan is to further characterize subsurface VOC concentrations at 1250 Middlefield Road (Building 3) and adjacent properties (near former SVE treatment areas) to aid in determining whether additional remedial action is appropriate. Additionally, a *Spectra-Physics On-Property Groundwater Investigation Work Plan* (Arcadis 2016; Appendix D) has also been prepared to further evaluate shallow groundwater VOC concentrations in and near the former Spectra-Physics Properties located between Terra Bella Avenue and Middlefield Road, and to assess TCE concentrations detected in a grab groundwater sample collected by IRIS Environmental from Spectra-Physics Building 2. If the findings from the investigations conclude that additional remediation is necessary, remediation will be conducted using an approved remedial technology.

In September 2015, Arcadis, on behalf of the Companies, submitted a work plan proposing the installation of additional groundwater monitoring wells in the NBA (Arcadis 2015b; Appendix E). The results of the samples collected from the new wells will be used to refine the existing Study Area associated with ongoing groundwater monitoring and site management strategies.

2.4 Summary of Recent Soil Vapor and Indoor Air Studies

Soil vapor, indoor air, and outdoor air samples have been collected throughout the Study Area, as summarized in Sections 2.4.1, 2.4.2 and 2.4.3 below.

2.4.1 2004 Soil Vapor and Indoor Air Studies

In 2004, soil vapor and indoor air studies were conducted and the results of the studies are summarized in the March 4, 2004 *Soil Gas and Indoor Air Sample Results* report (PES Environmental, Inc. [PES] 2004a) for the former Spectra-Physics Building 18 and, the May 27, 2004 *Soil Gas and Indoor Air Sample Results* report (PES 2004b) for the Semiconductor Property. The results of the 2004 studies indicated that concentrations of VOCs in soil vapor, indoor air, and outdoor air samples were below applicable regulatory limits. As a result, no further investigations or remedial actions were required at the buildings at that time. However, as discussed in Sections 2.4.2 and 2.4.3 below, subsequent changes in vapor intrusion evaluation methods and action levels have prompted a reconsideration of the vapor intrusion pathway and additional indoor air sampling at on-Property and downgradient properties.

2.4.2 On-Property and Off-Property Vapor Intrusion Study

An on-Property and off-Property vapor intrusion study began in 2010 to evaluate whether VOCs in shallow groundwater are potentially impacting indoor air, outdoor air, or crawl space air quality outside or within residential and commercial buildings overlying the shallow-zone TCE groundwater plume within the Study Area. The study is being conducted in accordance with the *Work Plan to Evaluate Potential Vapor Intrusion in the Off-Property Study Area and at 1250 West Middlefield Road* (Arcadis 2010) and the associated addenda (Arcadis 2013b, 2013c, 2014c, 2014d, 2015e and 2015f), included as Appendix F. The study is in progress and is summarized below.

Residential vapor intrusion sampling consists of collecting two rounds of air samples from indoor air and crawl space locations, during warm and cool weather conditions. Prior to 2014, the residential air samples were collected using SUMMA canisters over a 24-hour period; however, from 2014 to present, samples have been collected using long-term (approximately 14-day) passive sorbent samplers. Commercial vapor intrusion sampling consists of collecting two rounds of indoor air samples, one round with the heating, ventilation and air conditioning (HVAC) system operating and one round without the HVAC system operating, using SUMMA canisters deployed over an 8-hour or 10-hour period, depending on typical building occupancy.

Residential building sample results for samples collected to date are summarized in Table 2-1. Commercial building sample results for samples collected to date with HVAC systems on are summarized in Table 2-2 (breathing zone results) and Table 2-3 (pathway results). Commercial building sample results for samples collected to date with HVAC systems off are summarized in Table 2-4 (breathing zone results) and Table 2-5 (pathway results). The results are also included as Appendix G.

Results from the residential and commercial sampling are compared to long-term and short-term health risk-based screening levels, as presented in Tables 2-1, 2-2 and 2-4. The long-term criteria are defined as the USEPA RSLs (USEPA 2015b) for all COCs for the Sites, with the exception of tetrachloroethene (PCE) which is evaluated using a California-modified indoor air screening level, as noted in the USEPA memorandum addressed to Stephen Hill at the RWQCB titled *EPA Region 9 Guidelines and*

Supplemental Information Needed for Vapor Intrusion Evaluations at the South Bay National Priorities List (NPL) Sites (USEPA 2013). The short-term criteria are defined as the Agency for Toxic Substances and Disease Registry (ATSDR) Acute and Intermediate Minimal Risk Levels (MRLs; ATSDR 2015) for all COCs for the Sites, with the exception of TCE which is evaluated using the interim short-term response action level, as noted in the USEPA memorandum titled *EPA Region 9 Response Action Levels and Recommendations to Address Near-Term Inhalation Exposures to TCE in Air from Subsurface Vapor Intrusion* (USEPA 2014).

Although it will not impact the remedy selection, it is important to note that Arcadis, on behalf of the Companies, plans to conduct a vapor intrusion evaluation of the former Spectra-Physics buildings not yet evaluated, as will be discussed in a forthcoming Spectra-Physics on-Property vapor intrusion work plan.

2.4.3 ERD Soil Vapor and Indoor Air Monitoring

As shown on Figure 2-2b, soil vapor probes were installed across the ERD treatment area to monitor VOC and methane concentrations in soil vapor on the Semiconductor Property and in the SSA. A soil vapor monitoring program began in May 2011, concurrent with the beginning of the full-scale ERD treatability study. The ongoing monitoring program includes periodic field screening of all soil-gas monitoring wells for VOCs using a low-level PID meter and a methane gas meter and the collection of soil-gas samples from a subset of soil-gas monitoring points for laboratory analysis of VOCs using modified USEPA Method TO-15 (SIM), as detailed in Appendix B3. Field screening and laboratory analytical results from soil vapor samples are presented in Tables 2-6 and 2-7, respectively. The program has been modified in response to observed conditions and has included monthly to quarterly soil-gas monitoring and on-Property building surveys. In addition, several indoor air sampling events have been conducted to evaluate air quality in areas with elevated concentrations of VOCs and/or methane in soil vapor. The results of the ongoing evaluation and mitigation measures implemented to date are further discussed in Section 3.5.3.1 and 3.5.3.2.

2.5 Site Characterization Conclusions

The results of the Semiconductor on-Property soil and groundwater investigations were used to identify the proposed ERD treatment area and allowed for the discovery of a second area potentially impacted by dense non-aqueous phase liquid (DNAPL) within the saturated zone. The additional characterization work led to modifications to the original remedial design and expansion to the target ERD treatment area.

Vapor intrusion investigations are ongoing at commercial buildings on the Semiconductor Property, Spectra-Physics Properties and in the NBA, and at residential buildings within the SSA and NBA. The results of the associated mitigation measures implemented to date are further discussed in Section 3.5.3.1. The responsible parties will continue to implement, as needed, the set of mitigation tools introduced in Section 3.5.3.1.

Results from the upcoming Spectra-Physics on-Property soil gas and groundwater investigations will be used to determine if additional remediation is necessary to meet the RAOs for the Sites, and results from the upcoming off-Property investigations will be used to refine the existing Study Area in the NBA.

3 FULL-SCALE CONCEPTUAL SITE MODEL

3.1 Physical Characteristics

3.1.1 Land and Groundwater Use

The former Spectra-Physics Properties are generally used for commercial business with the exception of Building 3 (1250 Middlefield Road), which has been converted to a community church. The former Semiconductor Property is primarily used by commercial and laboratory businesses. The SSA neighbors the Semiconductor Property and is primarily comprised of residential buildings. The NBA is located north of U.S. Highway 101 and is primarily comprised of commercial buildings, although there are two residential buildings in the NBA. The land use north of and downgradient from the Study Area includes a former landfill for the City of Mountain View with an active golf course and an amphitheatre developed over the landfill. San Francisco Bay is approximately 0.5 mile north of the Study Area.

The Study Area is located within the Santa Clara Valley Water District (SCVWD) where groundwater is not a source of public water supply. Any domestic water supply wells previously present in the Study Area have been decommissioned. The entire Study Area has been developed and is supplied with City Water, and the installation of new domestic wells within the Study Area is restricted.

3.1.2 Regional Geology and Hydrogeology

The Study Area is situated in the northern portion of the Santa Clara Valley along the edge of San Francisco Bay. The Santa Clara Valley is a gently northward sloping alluvial plain, flanked by the Diablo Range to the east-southeast and the Santa Cruz Mountains to the west-southwest. The Study Area is located within the Santa Clara Valley Groundwater Basin and the northern portion of the Santa Clara subbasin. The water-bearing formations of the Santa Clara subbasin include the Santa Clara Formation and the overlying younger alluvium, which together are greater than 1,500 feet thick (California Department of Water Resources [DWR] 2004). The alluvium is considered the most important water-bearing unit in the Santa Clara subbasin and is comprised of unconsolidated gravel, sand, silt, and clay formed by a series of convergent alluvial fans. A confined zone is present within the alluvium in the northern portion of the subbasin (and in the vicinity of the Study Area) due to the presence of a low permeability clay layer (DWR 2004).

3.1.3 Site Geology and Hydrogeology

Interbedded alluvial sediments composed of sand, gravel, silt, and clay underlie the Study Area. The uppermost 5 to 10 feet of the subsurface consist of clay, gravelly clay, sand, and gravel. Sediments underlying this interval predominantly consist of clay, silty clay, and sandy clay, with variable amounts of sand and gravel. The clays encountered in on-Property and off-Property soil borings contain beds and lenses of sand ranging in thickness from several inches to approximately 5 feet. Geologic cross sections and maps showing the cross-section locations from the Joint RI/FS Report (LFR 1990a) and the *Interim Report, Monitored Natural Attenuation Study at the North Bayshore and Spring Street Extraction Systems, Teledyne Semiconductor/Spectra-Physics Lasers, Mountain View, California* (Interim MNA Report; LFR 2007) are included in Appendix H. The interbedded nature of the subsurface is a result of the fluvial and alluvial sedimentation processes that resulted in coarser-grained basal layers and fine-grained

upper layers (Hanson 2015). The coarser grained layers identified in the Study Area are considered the primary transport zones although groundwater is present in the lower permeability interbedded zones. As such, even though groundwater is first encountered at 2.5 to 11 ft bgs, the higher permeability subsurface groundwater intervals in the Study Area have been divided into the following four water-yielding intervals:

- Shallow zone extending from approximately 20 to 35 ft bgs
- Upper-intermediate zone extending from approximately 35 to 50 ft bgs
- Lower-intermediate zone extending from approximately 50 to 70 ft bgs
- Deeper zone extending from approximately 100 to 300 ft bgs.

The shallow and upper-intermediate zones are laterally continuous with sand intervals found in the on-Property areas and in the SSA and NBA. The lower-intermediate zone is laterally discontinuous and is present at the Semiconductor Property, in the SSA, and in the southern portion of the NBA. The deeper zone is a drinking water aquifer and is separated from the overlying zones by a stiff, impermeable clay layer. There is a strong upward hydraulic gradient between the deeper zone and the lower-intermediate zone.

3.1.4 Groundwater Movement

Groundwater monitoring includes the collection of groundwater elevation data and analytical data from groundwater monitoring wells located throughout the Study Area for the shallow, upper-intermediate, and lower-intermediate zones. The current monitoring well networks for shallow, upper-intermediate, and lower-intermediate zones are illustrated on Figure 3-1a, Figure 3-1b, and Figure 3-1c, respectively, and groundwater monitoring well construction details are presented in Table 3-1. It is important to note that the groundwater monitoring plan is dynamic and can change based on current project needs, provided agency approval is granted. The historical groundwater elevations are summarized in Table 3-2.

The depth to the shallowest groundwater beneath the Study Area is approximately 2.5 to 11 ft bgs. Historical groundwater elevation data collected in the Study Area indicate that the shallow- and intermediate-zone groundwater generally flows toward the north as shown by the groundwater elevation maps for shallow, upper-intermediate, and lower-intermediate zones (included as Figures 3-2 through 3-4, respectively, and also included in the groundwater monitoring report included as Appendix I). Hydraulic testing conducted during implementation of the full-scale ERD treatability study indicates that the average linear groundwater velocities range from 0.2 to 3.0 feet per day in the shallow zone with a geometric mean of 0.5 feet per day. The average linear groundwater velocities of the upper- and lower-intermediate zones were determined to range from 0.2 to 4.0 feet per day with a geometric mean of 0.6 foot per day (see Appendix B1 for additional detail). The direction of groundwater flow was previously affected by localized drawdown from pumping of groundwater extraction wells located on the Semiconductor Property via the Groundwater Extraction and Treatment System (GWETS), in the SSA by the Spring Street Extraction System (SSES), and in the NBA by the North Bayshore Extraction System (NBES); however, with concurrence from the RWQCB, the GWETS and SSES systems have been shut down and the NBES is extracting from only two wells in the NBA, thus groundwater flow is only minimally affected by the two remaining pumping wells located in the NBES. The GWETS, SSES and NBES are discussed further in the following sections.

A consistent upward vertical hydraulic gradient between intermediate- and shallow-zone wells is evident from groundwater elevation measurements. A strong upward gradient also exists between the deeper zone and the lower-intermediate zone, as evidenced by artesian conditions exhibited by the deeper-zone wells. This upward gradient has assisted in preventing the migration of contaminants from the shallow and intermediate zones into the deeper aquifer zones.

It is important to note that there is a potential future redevelopment within the Study Area, directly downgradient from the former Semiconductor Property. The redevelopment, known as the Shoreline Commons, plans to excavate approximately 24 acres – including the properties at 1400 and 1500 North Shoreline and 1451 Plymouth Street – to a depth of 30 ft bgs for the construction of a subsurface parking structure. The proposed excavation would encounter the groundwater table, thus groundwater will need to be removed during the excavation and construction process. Upon completion of construction, groundwater will be diverted around the subsurface structure and routed back to the existing flow path north of the redevelopment. This diversion has the potential to alter the hydrogeologic flow path. The responsible parties plan to review the proposed plans for the redevelopment project prior to construction.

3.2 VOC Distribution On-Property in Soil and Groundwater

Site investigations started at the Semiconductor Property in 1982 and at Spectra-Physics Properties in 1984. Soil samples collected from the Semiconductor Property indicated that releases of VOCs (mainly chlorinated solvent, TCE) had occurred and had affected soil and groundwater but that residual concentrations of VOCs in the soils were low and no soil remediation was required. Historical VOC concentrations detected in soil samples are even below the current regional screening levels (RSLs) for industrial sites (USEPA 2015b). Soil samples collected from Spectra-Physics Buildings 2 and 3 showed that releases of VOCs had occurred and were still present in the soil at concentrations that required remediation.

Groundwater at the Semiconductor Property and Spectra-Physics Properties was affected, with impacts limited to the shallow and intermediate zones. Groundwater monitoring wells were installed at and in the vicinity of the Semiconductor Property and Spectra-Physics Properties, and are sampled periodically. The current groundwater monitoring well network is presented in Table 3-3. Groundwater monitoring results are summarized for on-Property and off-Property wells in Tables 3-4 and 3-5, respectively. Groundwater samples collected from two deep zone wells (monitoring wells C-1 and C-2) between 1988 and 2002 indicate that the deep zone was not affected by the VOC releases from the Properties. These wells were abandoned with RWQCB approval in 2005.

VOC distribution in the on-Property area has changed substantially since implementation of the full-scale ERD treatability study. Groundwater concentration contours showing the pre-ERD and post-ERD distribution of TCE and VOCs for the shallow, upper-intermediate, and lower-intermediate groundwater zones are shown on Figure 3-5 (a through c) and Figure 3-6 (a through c), respectively. As shown on these figures, the mass removal (by destruction) resulting from the full-scale ERD treatability study implemented at the Semiconductor Property has been substantial.

3.3 VOC Distribution Off-Property in Soil and Groundwater

VOCs are present in groundwater beneath the Properties and in the SSA and NBA. Analytical results for groundwater monitoring at the SSA and NBA are summarized in Tables 3-4 and 3-5.

There are multiple additional source areas located in the NBA that have contributed to the distribution of VOCs in groundwater. Two of these additional sources, the Montwood Site and the Peery Arrillaga Site, are under separate RWQCB Orders (SCR 01-010 and SCR 00-002) and had localized groundwater extraction systems installed that were designed to address on-site VOCs. Annual groundwater monitoring data for the Montwood and Peery Arrillaga sites are provided in Appendix J. Three additional source areas were identified in the NBA in the *Revised Proposed Nonbinding Preliminary Allocation of Responsibility*, dated May 8, 1991 (Revised NBAR report; LFR 1991). The Revised NBAR report, provided as Appendix K, designated these sites as contributors of VOCs to groundwater based on a review of historical documents and laboratory data. These other source areas are as follows:

- The Santa Clara County Transportation area, known as the Santa Clara County Transportation Agency North Coach Division, located at 1235 L'Avenida Avenue
- The Joaquin Road site located at 1055 Joaquin Road
- The Space Park Way area located at the corner of Space Park Way and North Shoreline Boulevard

Resolution of these areas was achieved, with the exception of the Space Park Way area, which was identified as a PRP in Order 94-184. As reported in the Revised NBAR report (LFR 1991), multiple industrial buildings occupy the Space Park Way Site, with multiple uses over the site's history. Very little historical information has been provided by the property's owner; however, reviews of aerial photography have revealed tanks and drums present at a number of the buildings in the Space Park Way Site at various times in history. Additionally, the Revised NBAR report noted that historical groundwater concentrations in the vicinity of the Space Park Way Site have indicated the presence of "hot spots" in both the shallow and upper-intermediate groundwater zones. Based on groundwater VOC data collected from wells surrounding the Space Park Way Site, this site appears to be a continuing source of VOCs into both the shallow and upper-intermediate zones. The Companies continue to operate groundwater extraction well E-13, located at the corner of Space Park Way and Shoreline Road, solely as a result of higher concentrations of VOCs emanating from that area.

The extent of the VOC plumes that emanate from each site was presented on Figure 9 of the Revised NBAR report (LFR 1991), which is included as Appendix K of this report. Since the Revised NBAR report was submitted, and prior to the initiation of the MNA pilot study in 2003, the interpretation of VOCs in the NBA broadly incorporated all of the individual VOC plumes into one large comingled plume area. As concentrations of VOCs continue to decrease throughout the NBA, individual source areas have become more apparent.

By using additional data obtained from annual groundwater monitoring at the Montwood and Peery Arrillaga sites, and following basic principles of contaminant transport in groundwater, a distinct VOC plume distribution was identified for the other source areas in the NBA. Groundwater concentration contours, reflective of the most recent groundwater data, are presented on Figures 3-7a and 3-7b for TCE and Figures 3-8a and 3-8b for VOCs for the shallow and upper-intermediate groundwater zones, respectively. As noted in Section 2.3, Arcadis, on behalf of the Companies, submitted the *Plume Extent Update Work Plan for the North Bayshore Area* (Arcadis 2015b; Appendix E) with the objective of refining the Study Area associated with the Semiconductor and Spectra-Physics Properties.

3.4 Fate and Transport

TCE and daughter products have low to medium water solubilities and degrade in the presence of suboxic to reducing conditions. Degradation of TCE and daughter products in groundwater occurs via ERD on the Semiconductor Property (described in Section 8 and detailed in Appendix B2) and through natural attenuation processes in the downgradient area (described in detail in Section 7). As described in Section 7, even before implementation of the ERD treatability study, the plume extent has remained stable over time indicating that MNA processes alone provide for plume stability.

Historically, VOCs in groundwater were collected by the GWETS and the SSES until the systems were shut down in 2005 and 2015, respectively, with concurrence from the RWQCB. Some VOCs continue to be collected by the NBES (specifically at E-8 and E-13). Volatilization of VOCs from groundwater into the vadose zone also occurs.

Based on long-term monitoring results, VOC concentrations in groundwater are limited to the shallow and intermediate zones and are not present in the deeper zone. The deeper zone is designated as a potential public water supply, however, all potable water within the Study Area is provided by the Hetch Hetchy Reservoir in the Sierra Nevada Mountains. The deeper zone is separated from the shallower zones by an approximately 30- to 150-foot-thick clay aquitard with a strong upward hydraulic gradient, which precludes movement of groundwater between the zones. The VOC plume in the shallow zone and upper-intermediate zone extends approximately 1 mile downgradient by which point complete natural degradation of the VOCs has occurred.

3.5 Summary of Remedial Actions

A summary of site investigations and remedial actions is provided below as it relates to VOCs in soil, groundwater, soil vapor, indoor air, and outdoor air. The location of each remedial measure is illustrated on Figure 1-2.

3.5.1 Soil

A summary of soil investigations and remedial actions for the Spectra-Physics Properties and Semiconductor Property are discussed below.

3.5.1.1 Spectra-Physics Properties

Remedial investigations at the Spectra-Physics Properties were documented in the Joint RI/FS Report (LFR 1990a). Soil sampling analytical results documented in the RI/FS indicated that VOCs were present in soil samples collected at sumps and chemical use areas formerly located near Buildings 2 and 3 at concentrations of up to 18 milligrams per kilogram (mg/kg). Historical remedial activities at the Spectra-Physics Properties included soil removal, SVE, and development of institutional controls including the Covenant and Environmental Restriction on Property recorded on Spectra-Physics Building 3 in 1994 (RWQCB 1994) and recently updated in 2012 (RWQCB 2012).

To reduce concentrations of VOCs present in the soil and to comply with the requirements of CAO 91-025, Spectra-Physics removed multiple sumps, excavated soil, and installed Soil Vapor Extraction and Treatment System (SVETS) Number 1 and SVETS Number 2. SVETS Number 1 began operation in February 1989 in the vicinity of the former sump located near Building 3. The extraction system consisted

of three wells in the areas of soil affected by VOCs and treated from ground surface to the groundwater surface, approximately 15 ft bgs. In March 1994, the influent soil vapor concentrations at SVETS Number 1 decreased to below 1 milligram per liter (mg/L), and confirmation soil borings were drilled to document VOC removal and attainment of soil clean-up objectives. The system was taken out of service in January 1995. The extraction wells were abandoned, the conveyance piping was capped and left in place, and SVETS Number 1 was closed with concurrence from the RWQCB.

SVETS Number 2 began operation in January 1992 in the vicinity of former Spectra-Physics Buildings 2 and 3. The extraction system consisted of five horizontal SVE trenches that were installed in discrete areas of soil affected by VOCs and treated from ground surface to groundwater surface, approximately 15 ft bgs. This system operated until December 1999, when the RWQCB concurred with the closure of SVETS Number 2. The trenches were closed in place by grouting, and all aboveground equipment was removed.

SVETS Number 1 and Number 2 removed a total of 1,155 pounds of VOCs while in operation.

In October 2013, a Phase II environmental investigation was conducted at former Spectra-Physics Building 2 as part of a property transfer transaction. TCE was detected in soil, soil vapor, and groundwater (IRIS Environmental 2013). Due to the historical use of the building and the additional benefit of removing residual VOCs from the vadose zone primarily under Building 2 and near a former historical source area (located outside and in the parking lot of Building 2), an SVE system was installed (Arcadis 2014a). The SVE system was constructed between February 9 and March 5, 2015 (Arcadis 2015c) and commenced operation on April 3, 2015. It has operated continuously since start-up, with only short interruptions related to the ongoing (non-remediation related) construction at the property. The *Soil Vapor Extraction Construction Completion Report* for 1245 Terra Bella Avenue is provided as Appendix L.

3.5.1.2 Semiconductor Property

A discussion of the historical remedial investigations, including VOC concentration data in soil from the Semiconductor Property, is included in the Spectra-Physics and Semiconductor RI/FS documents (LFR 1990a; HLA 1991). Historical remedial activities at the Semiconductor Property focused on groundwater extraction from both the shallow and intermediate zones and implementation of institutional controls including the Covenant and Environmental Restriction on the Semiconductor Property originally recorded on the Property in 1992 (RWQCB 1992) and revised in 2010 (RWQCB 2010). The land use covenant recorded in August 2010 supersedes the 1992 land use covenant and incorporates the soil management plan (SMP) which governs intrusive soil activities at the Semiconductor Property (LFR 2010; Arcadis 2013a).

Soil samples and PID readings of soil borings were also collected and recorded as part of the full-scale ERD implementation; the results are described in Appendix B1. The results were used to provide additional characterization of VOC distribution in groundwater on the Semiconductor Property and to develop the final full-scale ERD treatability study design. The goal of the full-scale ERD treatability study was to develop strongly reducing conditions that persist for an extended period of time to facilitate dehalogenation of the primary COC, TCE, and the associated breakdown products cis-1,2-DCE and vinyl chloride (VC). The development of the ERD treatment zone ultimately results in the removal (by

destruction) of VOCs source mass in saturated soil and groundwater. The degradation process is carried out by anaerobic bacteria, and a byproduct of the process is the generation of methane.

The full-scale ERD treatability study implementation has successfully achieved strongly reducing conditions and has resulted in elevated methane concentrations detected in groundwater and soil vapor. In response to elevated methane in soil vapor, an SVE methane mitigation system was installed along the Semiconductor property boundary in December 2011. Operation of the SVE system has effectively reduced concentrations of VOCs and methane in soil vapor along the Semiconductor Property boundary. The system is summarized in Section 2.4, and the system details, including installation, start up, and prove out, and results of continued operation, maintenance, and monitoring of the SVE system are provided in Appendix B3. The SVE system was expanded in April 2013 to reduce concentrations of VOCs and methane in soil vapor under a portion of the on-Property building (Arcadis 2014b).

3.5.1.3 Estimated VOC Mass Removal in Soil/Soil Vapor

As of September 2015, the estimated mass of VOCs removed by means of SVETS Number 1, SVETS Number 2, the SVE system at 1245 Terra Bella Ave, and the SVE methane mitigation system at 1300 Terra Bella Ave is:

- SVETS Number 1 removed approximately 425 pounds.
- SVETS Number 2 removed approximately 730 pounds.
- SVE at 1245 Terra Bella Avenue removed approximately 11 pounds since installation.
- SVE at 1300 Terra Bella Ave removed approximately 14.5 pounds since installation.

In total, approximately 1,181 pounds of VOCs have been removed from soil/soil vapor.

3.5.2 Groundwater

A summary of groundwater remedies, including extraction and treatment, natural attenuation, and ERD, are discussed below.

3.5.2.1 Groundwater Extraction and Treatment

Groundwater extraction has occurred on the Semiconductor Property (beginning in 1986) and in the off-Property SSA and NBA. The Semiconductor on-Property GWETS consisted of shallow-zone well RA-1S and intermediate-zone well T-32I, installed in 1986 and 1988, respectively. The on-Property GWETS has been off line since December 14, 2005, when an ERD pilot study was commenced using the wells (*Pilot Study Work Plan for Groundwater Injection Remediation Technology,* dated September 16, 2005 [LFR 2005]), and in July 2015, the RWQCB granted approval to decommission the GWETS. Groundwater from the GWETS was treated on-Property and discharged to the storm sewer under a National Pollutant Discharge Elimination System (NPDES) permit.

The NBES is located in the NBA and was designed based on the results of off-Property investigations and began operation in 1990 in the NBA. Initially, the NBES consisted of 19 extraction wells: 10 shallow-zone wells (E-1 through E-9 and E-18), seven upper-intermediate-zone wells (E-10 through E-15 and E-19), and two composite extraction wells screened across both zones (E-16 and E-17). Wells E-9 and E-17 were shut down with RWQCB approval in April 1997 and September 1998, respectively, because VOC

concentrations detected in groundwater samples collected from these wells were less than 0.05 mg/L. NBES wells E-1 through E-7, E-10 through E-12, E-14 through E16, E-18, and E-19 were shut down with RWQCB approval on December 4, 2003 for the MNA Pilot Study (*Proposal for Monitored Natural Attenuation Study at the North Bayshore and Spring Street Extraction Systems*, dated September 12, 2003; LFR 2003). NBES wells E-8 and E-13 currently extract groundwater at a combined rate of approximately 13 gallons per minute.

In 1991, the groundwater extraction program was expanded to include the SSES to further contain the downgradient and lateral migration of the VOC plume. The SSES consisted of five extraction wells: three shallow-zone wells (ES-1S, ES-2S, and ES-5S), one upper-intermediate-zone extraction well (ES-4I), and one lower-intermediate-zone extraction well (ES-3I). SSES wells (except ES-4I) were shut down on December 4, 2003 with RWQCB approval as part of the proposed MNA Pilot Study (LFR 2003). Due to increased concentrations detected at ES-4I beginning in March 2006, the entire SSES was restarted in January 2007 and operated through July 15, 2015, when the system was shut down in accordance with RWQCB approval to shut down and decommission the system. Historically, groundwater from the SSES and currently from operating NBES wells has been discharged into the sanitary sewer system under a Discharge Permit from the City of Mountain View and was treated in the publicly owned treatment plant.

3.5.2.2 Natural Attenuation of VOCs in Groundwater

In 2003, the Companies implemented an approved MNA pilot study (LFR 2003) in the NBA that documented VOC mass reductions and plume shrinkage under non-pumping conditions.

The findings of the MNA pilot study have been presented in the following reports:

- Interim Report, Monitored Natural Attenuation Study at the North Bayshore and Spring Street Extraction Systems, Teledyne Semiconductor/Spectra-Physics Lasers, Mountain View, California (LFR 2006)
- Interim MNA Report (LFR 2007)
- Five-Year Status Evaluation Report for the Former Teledyne Semiconductor/Spectra-Physics Lasers Site, 1300 Terra Bella Avenue and 1240 Middlefield Road, Mountain View, California (Five-Year Status Report; LFR 2009b)
- Following the June 2015 semi-annual groundwater monitoring event, the MNA progress assessment in the NBA was updated. The details are presented in the following report and included as Appendix I: Groundwater Monitoring Report for the Semiannual Reporting Period January 1 through June 30, 2015, Former Spectra-Physics Lasers, Inc. and Former Teledyne Semiconductor Sites, Mountain View, California (Arcadis 2015d)

The updated MNA assessment is summarized in Section 7. The MNA well locations are presented on Figures 3-1a, 3-1b, and 3-1c.

3.5.2.3 Pilot and Full-Scale ERD Studies

Beginning in November 2005, an ERD pilot study was implemented at the former Semiconductor Property in the vicinity of groundwater extraction wells T-32I and RA-1 to determine the effectiveness of this process in treating and removing VOCs from in situ groundwater. The pilot study ended in 2008, and the

results were reported in the Five Year Status Report (LFR 2009b). The results of the pilot test showed that in situ ERD is effective at remediating VOCs in groundwater at a rate faster than pump and treat, and is feasible. Following completion and acceptance of the pilot study, the RWQCB approved the *Work Plan to Implement Full-Scale ERD Treatability Study* (FTC&H Work Plan; FTC&H/SSPA 2010), which includes the Addendum to the Work Plan (FTC&H 2010a) and the Second Addendum to the Work Plan (FTC&H 2010b), in a letter dated January 24, 2011 (RWQCB 2011).

The full-scale ERD study began at the Semiconductor Property in January 2011 and injections began in May 2011. The final target ERD treatment area for the full-scale ERD study is presented on Figure 3-9 and the final injection well network is presented on Figure 3-10. Performance monitoring well locations are presented on Figure 3-11. Performance monitoring was conducted quarterly in 2011 and 2012 and semi-annually from 2013 to present. The full-scale ERD study and the performance monitoring results are summarized in Section 8 and detailed in Appendix B2. The most recent groundwater monitoring results for samples collected throughout the Study Area are presented in the groundwater monitoring report, included as Appendix I.

3.5.2.4 Estimated VOC Mass Removal in Groundwater from Extraction and Treatment Systems

As of June 2015, the VOC mass removal by each system was as follows:

- The GWETS has removed approximately 2,210 pounds.
- The NBES has removed approximately 4,626 pounds.
- The SSES has removed approximately 1,528 pounds.

3.5.2.5 Estimated VOC Mass Removal in Groundwater from Natural or Enhanced Processes

Based on the results of the interim 2009 MNA evaluation, the estimated mass removal due to natural attenuation processes was approximately 739 pounds of TCE between 2003 and 2008 from the NBA where the NBES was previously operational (LFR 2009a, 2009b). The mass analysis was based on a conservative interpretation of the VOC distribution in the NBA that did not distinguish between individual source areas at the time. Because this interpretation has been revised and now distinguishes the other source areas within the NBA, the VOC mass estimates are not directly comparable to the estimates generated using a previous, somewhat simplified interpretation of VOC distribution. The updated mass removal estimate indicates that approximately 679 pounds of TCE have been removed over the past 15 years and mass removal is primarily attributable to natural attenuation processes (Arcadis 2015d; see Section 7).

The mass removal from the full-scale ERD treatability study implemented at the Semiconductor Property has been estimated using methods consistent with the previous mass analyses conducted as part of the MNA evaluation (discussed in more detail in Section 8). The full-scale ERD treatability study performance monitoring results indicate that the mass removal from the Semiconductor Property has been substantial. An estimated 1,229 pounds of dissolved phase TCE have been removed from the on-Property areas and SSA since implementation of the ERD treatability study in 2011. The substantial decreases in VOC

concentrations in groundwater within the ERD treatability study area indicate that the program has also resulted in the destruction of a large mass of residual DNAPL that appeared to be distributed as discontinuous ganglia in the aquifer matrix based on field and analytical data collected prior to implementation of the ERD treatability study (see Section 8 for a more detailed discussion). The majority of the mass removal is attributed to the effectiveness of ERD during the ERD treatability study.

3.5.3 Soil Vapor, Indoor Air and Outdoor Air

3.5.3.1 Vapor Intrusion Mitigation

Mitigation has been implemented, as needed, and the approach for each building has been based on the property, stakeholder, and/or building-specific characteristics. For residential buildings, mitigation to date has consisted of sub-membrane depressurization systems and pathway sealing of furnace closets. For commercial buildings, mitigation to date has consisted of interim HVAC operation with aggressive groundwater cleanup, pathway sealing, and SVE system operation. The mitigation techniques implemented to date are included in the set of vapor intrusion mitigation tools for the Sites.

3.5.3.2 Soil Vapor Mitigation

Elevated concentrations of methane in soil vapor on the former Semiconductor property have resulted in supplemental remedial actions, including installation of an on-Property SVE system (installed beneath a portion of the former Semiconductor building and at the Property boundary), and development and implementation of a vapor intrusion mitigation plan. Detailed soil vapor monitoring results are included in Appendix M.

3.6 Human Health Risk Assessment

A human health risk assessment (HHRA) screen was performed during the preparation of this FFS. This HHRA screen followed both California Department of Toxic Substances Control (DTSC) and USEPA guidelines, which emphasize health protection by incorporating conservative assumptions when estimating potential health risks associated with chemicals of potential concern at a site (USEPA 1989b; DTSC 1996, 2011).

3.6.1 Evaluating Potential Health Risk to Residential and Commercial Receptors

For the on-Property and off-Property evaluations for residential and commercial receptors, direct contact to soil (including ingestion, dermal contact and inhalation of dust particles) does not exist because the Study Area is completely covered with buildings, landscaping, infrastructure and parking lots; additional information is provided below regarding the potential construction, excavation, or trenching exposure pathway. Similarly, direct contact to groundwater does not exist because potable water is municipally supplied and there are restrictions to groundwater use within the Study Area. Therefore, based on the current and potential future configurations, inhalation of VOCs migrating from the subsurface is the only identified potentially complete exposure pathway for residential and commercial worker receptors. A HHRA exposure pathway summary is presented as Figure 3-12. Potential health risks were evaluated considering the inhalation of VOCs migrating from the subsurface and into buildings. The results of the HHRA screen are summarized below.

Potential human health risks were evaluated by comparing VOCs detected in indoor air to the RSL risk-based screening levels. These risk-based screening levels were developed by the USEPA using the cancer risk target of 1 x 10^{-6}, the health hazard target of 1, and conservative exposure assumptions. RSLs are not cleanup standards, but instead are used as a conservative screening tool to evaluate whether additional steps are necessary or appropriate. The risk-based screening levels and sample results are summarized in Tables 2-1, 2-2 and 2-4. A summary of the screening level assessment is provided below.

- To date, 28 residential buildings have been sampled as part of the residential vapor intrusion sampling program. Detected concentrations of indoor air VOCs (with the exception of chloroform) were below RSLs, with the exception of ten residential buildings which had at least one indoor air VOC detection greater than the residential RSL. Mitigation and/or additional sampling was offered to each property owner with detected levels of VOCs greater than the RSLs, as described below:
    - Mitigation has been offered and/or implemented at seven residential buildings and additional sampling has been offered and/or conducted at three residential buildings. Of the three residential buildings where additional sampling was offered, two residents declined the additional sampling, and one resident participated in the additional sampling and the re-sampling results were below the RSLs.
    - Note: Chloroform is a byproduct formed when chlorine is used to disinfect drinking water, thus drinking water (or tap water) is the likely source of the detected chloroform.
- To date, 16 commercial buildings have been sampled as part of the commercial vapor intrusion sampling program. Detected concentrations of VOCs collected from breathing zone samples representative of actual exposure conditions (i.e., HVAC operating) were below commercial RSLs, with the exception of three buildings which had at least one HVAC on, breathing zone detection greater than the commercial RSL. Mitigation was implemented at each building, as described below:
    - Mitigation has been implemented at each of the three commercial buildings with HVAC on breathing zone detections greater than the RSL. Mitigation has consisted of interim HVAC operation with aggressive groundwater cleanup, pathway sealing, and/or SVE system operation

Complete residential sampling results are provided in Table 2-1 and complete commercial sampling results are provided in Tables 2-2 through 2-5.

3.6.2 Construction/Excavation/Trenching

The Spectra-Physics Properties and the Semiconductor Property are fully developed with commercial buildings, parking lots, and landscaping. However, ongoing property maintenance or redevelopment may result in the need for construction, excavation, or trenching in an on-Property area. The HHRA does not include a numerical evaluation of the construction/excavation trenching scenario at either property for the reasons noted below.

At the Spectra-Physics Properties, VOCs were detected historically in shallow soils, and remedial activities were developed to target VOC removal from those shallow soils (including soil removal and SVETS operation). Confirmation soil sampling conducted at the Spectra-Physics Properties indicated that

these measures were successful at reducing and removing VOCs from soil, and exposure to VOCs above the industrial RSLs from soil is considered unlikely.

At the Semiconductor Property, investigations indicate that VOCs are primarily found in saturated soil and groundwater in the shallow and intermediate groundwater zones. Remedial activities were developed to target VOC removal in groundwater (via the GWETS) and saturated soil and groundwater (via in situ ERD treatment). Historical soil data indicate the detected concentrations of VOCs in shallow soil are below the industrial RSL. However, to address potential exposures to human receptors from VOCs potentially present in shallow soils, an SMP was developed. The SMP governs intrusive soil activities at the Semiconductor Property and sets forth notification, soil handling, spoils management, dust control, personal protective equipment, and air monitoring requirements for intrusive subsurface activities. The SMP was recently updated to incorporate management activities for elevated concentrations of methane in soil vapor (LFR 2010; ARCADIS 2013a).

3.7 Summary of Conceptual Site Model Components

The sections above provide an overview of each component of the site CSM, including the physical characteristics of the Study Area, the distribution of VOCs on-Property and off-Property, the fate and transport of VOCs, current remedial actions, and the results of a screening level HHRA. The information was compiled from over 30 years of historical site investigations, remedial activities and ongoing studies, and provides the framework for understanding site conditions and evaluating the proposed RAOs and remedial alternatives. The following summary integrates the key CSM components and presents the information from the upgradient to the downgradient areas. The CSM is presented on Figure 3-13.

- VOCs were historically observed in shallow vadose zone soils at Spectra-Physics Buildings 2 and 3 and were treated over a 10-year period using excavation and two SVETS. Confirmation soil sampling indicated that SVE effectively reduced the concentrations of VOCs in soil to target clean-up levels. Residual concentrations of VOCs present in groundwater migrate to the Semiconductor Property.
- At the Semiconductor Property, VOCs are primarily present in saturated soils and groundwater, with no known vadose zone soil impacts. The GWETS effectively contained and treated the plume and operated from 1986 through 2005. In 2005, an ERD pilot study was conducted and demonstrated the effectiveness of in situ bioremediation to treat concentrations of VOCs in saturated soils and shallow and intermediate zone groundwater. A full-scale ERD treatability study began at the Semiconductor Property in January 2011. The treatability study has induced strongly reducing conditions and has been very effective at reducing concentrations of VOCs in saturated soils and groundwater. Successful reduction of VOC mass in saturated soils and groundwater through ERD remediation has led to significant reductions of mass flux from the Semiconductor Property and has decreased the estimated time frame to meet groundwater cleanup goals.
- Historically, off-Property VOC-affected groundwater was captured by two groundwater extraction systems, the SSES and the NBES. The SSES operated from 1991 until 2015. The plume in the NBA is comingled with three separate releases associated with other NBA properties, including the Peery Arrillaga Site, the Montwood Site, and the Space Park Way Site. A portion of the NBES continues to operate although the majority of mass removal in the NBA occurs via natural attenuation processes.

- The Companies implemented an approved MNA pilot study (LFR 2003) in the NBA in 2003 that documented VOC mass reductions and plume shrinkage under non-pumping conditions. MNA has been shown to be effective at reducing mass in the NBA, as documented most recently in semiannual groundwater monitoring report (Appendix I).
- Suboxic to reducing conditions, while variable, are naturally present in groundwater throughout the Study Area. These conditions have contributed to stable plume dimensions in the NBA over time.
- VOCs appear to volatilize from shallow zone groundwater and are present at low concentrations in indoor air at certain residences and commercial buildings within the Study Area. VOC concentrations have been detected above residential and industrial screening levels, and in each case, mitigation and/or additional sampling has been offered to the property owner. As VOCs in groundwater continue to decrease over time, it is expected that detections of VOCs in indoor air will also continue to decrease.
- A HHRA screen was conducted and determined that inhalation of VOCs migrating from the subsurface is the only potentially complete exposure pathway identified for residential and commercial worker receptors. The additional exposure routes listed below were identified, but determined to be incomplete and would remain incomplete under potential future configurations:
    - Ingestion, dermal contact, and inhalation (from potable water) of groundwater;
    - Inhalation of dust particles; and,
    - Ingestion and dermal contact with surface and subsurface soil.

4 APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS AND TBCS

ARARs for soil and groundwater were previously evaluated and included in the Joint RI/FS Report (LFR 1990a). The soil and groundwater ARARs continue to be applicable to the Sites. The Sites are regulated by the USEPA and RWQCB. Given this, the following un-promulgated USEPA and RWQCB guidance documents have been identified as ARARs/TBCs related to vapor intrusion and institutional controls:

- Interim Framework for Assessment of Vapor Intrusion at TCE-Contaminated Sites in the San Francisco Bay Region (RWQCB 2014)
- Institutional Controls: A Guide to Planning, Implementing, Maintaining and Enforcing Institutional Controls at Contaminated Sites (USEPA 2012)
- EPA Region 9 Guidelines and Supplemental Information Needed for Vapor Intrusion Evaluations at the South Bay National Priorities List (NPL) Sites (USEPA 2013)
- EPA Region 9 Response Action Levels and Recommendations to Address Near-Term Inhalation Exposures to TCE in Air from Subsurface Vapor Intrusion (USEPA 2014)
- OSWER Technical Guide for Assessing and Mitigation the Vapor Intrusion Pathway from Subsurface Vapor Sources to Indoor Air (OSWER Guidance; USEPA 2015a)
- USEPA RSLs (USEPA 2015b)
- ATSDR Acute and Intermediate MRLs (ATSDR 2015)

5 REMEDIAL ACTION OBJECTIVES

RAOs consist of media-specific goals. This section presents proposed new RAOs for groundwater, as well as an RAO for vapor intrusion and an RAO for soil vapor.

5.1 Proposed Groundwater Remedial Action Objectives

Any domestic wells previously present in the Study Area have been decommissioned. The entire Study Area has been developed and is supplied with City Water, and the installation of new domestic wells within the Study Area is restricted. The groundwater cleanup standards described in CAO 91-025 are the federal Maximum Contaminant Level (MCLs) and will take many years to achieve across the Study Area. The following RAOs are proposed.

- **Proposed Groundwater RAO 1**: Remove of sufficient VOC mass from the remnant source area to facilitate achievement of groundwater standards throughout the Study Area in a reasonable time frame.
- Explanation: This RAO was selected because remnant source areas potentially containing DNAPL continue to release VOCs to groundwater. Removal of sufficient VOC mass will substantially reduce or eliminate those continuing releases. As a result, natural attenuation rates will be higher than contaminant flux rates from the remnant source areas and the plume area will diminish and ultimately disappear over time.
- **Proposed Groundwater RAO 2:** Demonstrate that VOC concentrations in groundwater are on a trajectory to achieve groundwater standards throughout the Study Area in a reasonable time frame.
    - Explanation: Due to the natural attenuation processes evident in the downgradient NBA and the active on-Property ERD treatment followed by natural attenuation processes, VOC concentrations in both on-Property and off-Property wells are decreasing over time. Decreasing concentration trends will be used to demonstrate that MCLs will be attained throughout the plume (both on-Property and off-Property) in a reasonable time frame. Once predictable historical concentration trends are established, a reduced groundwater monitoring program, consisting of reductions in both the number of monitoring wells and the frequency of monitoring will be proposed.
- **Proposed Groundwater RAO 3:** Reduce VOC concentrations in shallow zone groundwater to levels that minimize human health concerns from a vapor intrusion pathway.
    - Explanation: Decreasing concentrations of VOCs in shallow zone groundwater will inherently reduce or eliminate the potential for vapor intrusion in buildings overlying the plume.

5.2 Proposed Vapor Remedial Action Objective for VOCs

Preliminary results of the ongoing vapor intrusion study indicate that VOCs are present in indoor air within the Study Area. The relevant health-based screening levels include long-term RSLs and short-term action levels, which were exceeded in some commercial and residential buildings located in the Study Area.

- **Proposed Vapor RAO 1:** Mitigate vapor intrusion of VOCs from shallow groundwater to eliminate exceedances of applicable indoor air screening levels in buildings within the Study Area.
    - Explanation: The results of the ongoing vapor intrusion study provide data necessary to identify buildings where vapor intrusion mitigation may be appropriate. The responsible parties will work with the RWQCB and the USEPA to identify appropriate mitigation methods and to offer mitigation to the owner of such buildings. The mitigation would provide an interim response action until concentrations of VOCs in shallow groundwater decrease enough that exceedances of applicable indoor air RSLs are eliminated.

6 IDENTIFICATION AND SCREENING OF TECHNOLOGIES/PROCESS OPTIONS

This section identifies and screens potentially applicable remedial technologies and process options for achieving RAOs in groundwater and indoor air according to USEPA guidance (USEPA 1988c). Technologies and process options were identified based on a review of literature, vendor information, regulatory guidance, and experience in developing remedial actions at similar sites.

The major physical characteristics of the Study Area and the types and concentrations of chemicals present in groundwater and soil vapor are described in Section 3. These general factors are important in a screening-level evaluation of remedial technologies. In summary, TCE and degradation products cis-1,2-DCE and VC are the primary COCs within the Study Area. These compounds are mobile in groundwater, and their high volatility causes transfer to the vapor phase. In addition to the COCs, methane is present in soil vapor at the Semiconductor Property as a result of the ERD treatability study. The presence of this compound is considered during technology screening as well because this compound may need to be addressed along with the COCs to safely meet the proposed RAOs on the Semiconductor Property. Site conditions that influence the implementability of remedial technologies include the active commercial use of the Semiconductor Property, Spectra-Physics Properties and other commercial buildings in the Study Area, the active residential use of the SSA and limited areas of the NBA, and the depth of residual source impacts in the shallow, upper-intermediate, and lower-intermediate zones.

Section 6.1 provides a general overview of the general response actions (GRAs), which are responses or remedies that may be implemented at a specific site or group of sites and are intended to meet the RAOs. Following a discussion of the GRAs, potentially applicable remedial technologies for the media of concern and COCs are screened in two steps. Section 6.2 presents the preliminary screening process that evaluates technologies that could potentially match each GRA on the basis of applicability to the COCs and site characteristics. The goal of the preliminary screening process is to eliminate remedial technologies that are clearly not applicable to the chemicals found in the Study Area and/or to site conditions. The technologies remaining after this preliminary screening are screened further in Section 6.3 on the basis of effectiveness, implementability, and cost, using available data in the literature. Section 6.4 lists the technologies retained for further evaluation as they apply to the media of concern.

6.1 General Response Actions

GRAs, as previously defined, are responses or remedies that may be implemented at a specific site or group of sites and are intended to meet the RAOs. GRAs may be combined to attain the RAOs as necessary, depending on the site conditions and chemical characteristics. GRAs may also be composed of one or more remedial technology types and typically include periodic monitoring or confirmation sampling of each affected medium at a site to document performance. The following GRAs were identified for affected groundwater and soil vapor at the Study Area:

- No action
- Institutional controls
- Hydraulic control

- Ex situ groundwater treatment
- Groundwater discharge
- In situ groundwater treatment
- Natural attenuation
- Building mitigation and modifications for new and existing buildings
- Vapor emissions treatment

6.1.1 No Action

Evaluation of a no-action alternative is a requirement under the NCP. The no-action alternative provides a basis for comparison of costs and benefits of various site remediation options.

6.1.2 Institutional Controls

Institutional controls are legal and/or physical means of limiting or eliminating potential human exposure at a site; this alternative does not reduce the mobility, toxicity, or volume of COCs. Specific examples for the Study Area include land- and groundwater-use restrictions to restrict future excavation, construction, and drilling activities, and deed restrictions to restrict future land developments and land use.

6.1.3 Hydraulic Control

Hydraulic control involves the application of physical or hydraulic measures to reduce the potential for groundwater migration and to remove mass. At the Spectra-Physics and Semiconductor Sites this consists of hydraulic containment through groundwater pumping.

6.1.4 Ex Situ Groundwater Treatment

Ex situ groundwater treatment refers to technologies that are applied following removal of the affected groundwater. Types of ex situ technologies for extracted groundwater include chemical, physical, and biological treatment.

6.1.5 Groundwater Discharge

Discharge refers to technologies that provide for use or disposal of extracted groundwater, often after treatment. Example technologies for groundwater at the Study Area include discharge to a publicly owned treatment works (POTWs), discharge to a storm drain, and reuse for landscape irrigation.

6.1.6 In Situ Groundwater Treatment

In situ groundwater treatment includes technologies that can be applied in place without first removing the affected groundwater. Types of in situ technologies for groundwater include chemical, physical, and biological treatment.

6.1.7 Natural Attenuation

As defined by the USEPA, natural attenuation includes a variety of physical, chemical and biological processes that, under favourable conditions, act without human intervention to reduce the mass, toxicity,

mobility, volume or concentration of contaminants in soil or groundwater. These in situ processes include biodegradation, dispersion, dilution, sorption, and volatilization (USEPA 1999). Natural attenuation processes may effectively achieve site-specific remediation objectives within a time frame that is reasonable compared to that offered by other, more active methods. Performance monitoring is a critical component of this remediation approach because monitoring is needed to confirm that natural processes are reducing contamination levels as expected (USEPA 1997).

6.1.8 Building Mitigation and Modifications for New and Existing Buildings

Building mitigation and modifications refers to technologies that prevent or reduce the impacts of vapor intrusion into new or existing residential and/or commercial buildings. The technologies used can be active or passive. Example vapor intrusion mitigation technologies include sub-building depressurization systems, the use of HVAC systems, sealing of preferential vapor pathways into buildings and soil vapor extraction from under buildings.

6.1.9 Vapor Emissions Treatment

Some of the aforementioned actions may generate an affected air stream. Options for vapor emission treatment include physical, chemical, and thermal treatment, or direct discharge of untreated vapor.

6.2 Identification and Preliminary Screening of Process Options

The objective of this section is to identify and evaluate specific technologies and process options that correspond to the GRAs discussed above. Potentially applicable technologies for remediating chlorinated VOCs in groundwater and vapor are described and subjected to a preliminary screening in Tables 6-1 and 6-2, respectively. During the preliminary screening, process options may be eliminated from further consideration on the basis of technical implementability. In these tables, “technology type” refers to general categories of technologies, such as physical treatment or chemical treatment. “Process option” refers to specific processes within each technology type, such as air stripping or diffused aeration. The tables provide a brief description of the process option and a comment on whether the process option was retained for secondary screening or why it was eliminated.

6.2.1 Process Options for Groundwater

Based on the results of the preliminary screening, the following process options, applicable to groundwater, have been retained for secondary screening from those presented in Table 6-1.

- No action
- Institutional controls
    - Administrative
        - Proprietary controls
        - Governmental controls
- Hydraulic control
    - Hydraulic containment

        - Extraction wells
- Ex situ groundwater treatment
    - Physical and chemical treatment
        - Air stripping
        - Liquid-phase carbon adsorption
- Groundwater discharge
    - Groundwater disposal
        - Direct discharge to POTW
        - Discharge to a storm drain after treatment
- In situ groundwater treatment
    - Biological treatment
        - Enhanced bioremediation
- Natural attenuation
    - Monitored natural attenuation
        - Performance monitoring

6.2.2 Process Options for Soil Vapor and Vapor Emissions to Indoor Air

Based on the results of the preliminary screening, the following process options, applicable to soil vapor, have been retained for secondary screening from those presented in Table 6-2.

- No action
- Institutional controls
    - Administrative
        - Proprietary controls
        - Governmental controls
        - Enforcement tools with institutional control components
        - Informational devices
- Building mitigations and modifications for new or existing buildings
    - Vapor barrier
        - Pathway sealing
    - Ventilation
        - Active crawl space ventilation

        - HVAC system operation
        - Sub-building depressurization
        - Soil vapor extraction
- Vapor emissions treatment
    - Physical and chemical
        - Vapor-phase carbon adsorption

6.3 Secondary Screening of Process Options

This section documents the secondary screening of the process options that were retained after the preliminary screening discussed in Section 6.2. The process options retained after the secondary screening will be assembled into remedial alternatives in Section 9. In this section, the remedial technologies are evaluated on the basis of effectiveness, implementability, and cost.

Effectiveness. This criterion focuses on the following:

- The potential effectiveness in handling the estimated areas or volumes of chemically affected media
- The ability of the technology or process option to meet the objectives of the RAOs and comply with ARARs
- The reliability and proven history of the technology or process option to perform its intended function with respect to the detected COCs and conditions within the Study Area.

Implementability. Implementability encompasses both the technical and institutional feasibility of implementing a technology or process option. It considers the potential effects on human health and the environment during the construction and implementation phase. Implementability includes the ability to acquire the required materials; the availability of treatment, storage, and disposal services (including capacity); and the availability of necessary equipment and skilled workers to construct and implement the technology or process option. Implementability is used to eliminate those technologies and process options that are clearly ineffective or unworkable at the Study Area.

Cost. This criterion compares the relative capital and operation and maintenance (O&M) costs of each technology or process option, including labor, materials, and monitoring costs. Relative costs are used rather than detailed estimates. The cost analysis is based on engineering judgment and is evaluated as to whether costs are high, low, or moderate relative to other technologies or process options. In most cases, cost plays a limited role during the screening of technologies and process options and is generally used in conjunction with implementability and effectiveness to screen out technologies or process options that have a comparable effectiveness and implementability, but at a higher cost.

As a part of the screening process, each technology or process option was given a relative score of high, moderate, or low for each of the three criteria, based on its site-specific application to the detected COCs in soil and groundwater. The results of the secondary screening process are presented in detail in the following sections and are summarized in Tables 6-3 and 6-4 for groundwater and vapor.

6.3.1 General Response Actions for Groundwater and Vapor

The no action alternative and institutional control GRAs are applicable to groundwater and vapor and are retained for the remedial alternatives evaluation presented in Section 9.

6.3.1.1 No Action

Taking no action would mean that the affected groundwater and soil vapor would be left “as is” without implementing any institutional controls, containment, removal, treatment, or other mitigating actions. The existing systems, including the GWETS, NBES, SSES, SVE methane mitigation system, the SVE system in place at 1245 Terra Bella Avenue and the active residential sub-membrane depressurization systems, would be shut down, if not already shut down, and would be fully decommissioned. The chemicals would gradually degrade, volatilize, transform to other compounds, or migrate from the Study Area. Concentrations in groundwater and soil vapor would decrease by these natural processes.

Effectiveness. The short-term and long-term effectiveness for this option is medium because the benefits of the ERD treatability study have already impacted both the on-Property and off-Property areas and will continue to do so, and the natural attenuation process would also continue to contribute to VOC degradation; however, volatilization of VOCs and methane to soil vapor would continue to occur. Risks from future exposure to affected groundwater and soil vapor would remain, although no direct exposure pathways to groundwater exist due to institutional controls. The COCs would eventually break down to their byproducts and/or migrate outside of the Study Area.

Implementability. This option has a high implementability. Because no action would be taken, it would be easy to implement.

Cost. The cost of this option is moderate, as all groundwater wells and soil vapor probes would need to be abandoned and remedial systems (including the existing soil vapor extraction system, GWETS, NBES and SSES) would need to be decommissioned. It is assumed that residential mitigation systems installed to date would be left in place.

This option is retained as a remedial alternative. Despite having a medium effectiveness, the no-action option is not screened out at this point because the NCP requires that it be carried forward to the development of remedial alternatives.

6.3.1.2 Institutional Controls

Institutional controls are non-engineered instruments that help minimize the potential for exposure to contamination and/or protect the integrity of a response action (USEPA 2012). Institutional controls include proprietary controls, governmental controls, enforcement and permit tools with institutional control components, and informational devices. Institutional controls from each of the categories can be combined and applied in parallel with other remedial technologies in order to support achievement of RAOs.

6.3.1.2.1 Proprietary Controls

Proprietary controls are controls on land use that are established by an agreement between a property owner and a secondary party who, in turn, can enforce the controls. Deed restrictions that restrict land use are proprietary controls that can be implemented to prevent exposure to both groundwater and vapor

at the Sites. Deed restrictions were recorded for both the Semiconductor Property and Spectra-Physics Building 3 in February 1992 and September 1994, respectively. Both have subsequently been updated as of August 2010 and September 2012, respectively. The deed restrictions both contain language that restricts the use of “A zone” (meaning the shallow- and intermediate-zone groundwater) as a source of drinking water. The August 2010 update to the Semiconductor Property deed restriction incorporates the requirement to implement the SMP when intrusive activities are conducted at the Property. The September 2012 update to the Spectra-Physics Building 3 deed restriction limits land use in order to avoid potential harm to persons or property that may result from hazardous materials that may have been deposited on portions of the former Property.

Effectiveness. This option has a medium effectiveness because, although it does not reduce the toxicity, mobility, or volume of the COCs in the Study Area, it does facilitate the achievement of the RAOs. Such restrictions have been effective in limiting exposure by managing potential exposure to contaminated soil and vapor (if present) and preventing land use changes.

Implementability. These restrictions have a high implementability based on the fact that these controls already exist.

Cost. Proprietary controls have low costs, as the costs to establish these controls have already been incurred.

Although proprietary controls do not achieve the RAOs for the Sites, they facilitate achievement of the RAOs and they are already in effect for the Sites. Therefore, this option will be retained for further consideration.

6.3.1.2.2 Governmental Controls

Governmental controls are controls that restrict the use of a land or resource under the authority of a government entity. Permit restrictions through the City of Mountain View and the SCVWD are governmental controls that can be implemented to prevent exposure to both groundwater and vapor at the Sites. A permitting process that involves the RWQCB, USEPA and/or the responsible parties prior to issuing permits for new building construction within the Study Area would provide the responsible parties with the opportunity to implement vapor intrusion mitigation as part of the building construction process, when necessary. Well permit restrictions are currently in place through the deed restrictions recorded for the Semiconductor Property and Spectra-Physics Building 3; these well permit restrictions prevent the use of affected groundwater at the Properties.

Effectiveness. This option has a medium effectiveness because, although it does not reduce the toxicity, mobility, or volume of the COCs in the Study Area, it does facilitate the achievement of the RAOs. Some governmental controls are already in place and have been effective in limiting exposure to affected groundwater by restricting the installation of drinking water wells within the Study Area.

Implementability. These restrictions have a high implementability based on the fact that some governmental controls are already established.

Cost. These restrictions have moderate capital cost, mostly associated with negotiating these controls with the governmental entities, and low O&M costs.

Although government controls do not achieve the RAOs for the Sites, they facilitate achievement of the RAOs and they are already in effect for the Sites. Therefore, this option will be retained for further consideration.

6.3.1.2.3 Enforcement and Permit Tools with Institutional Control Components

Enforcement and permit tools with institutional control components are legal tools that limit site activities or require the performance monitoring of specific activities. Consent decrees and property agreements to install, operate and maintain remedial systems are examples of these tools. A property agreement is already established for the SVE system in place at Spectra-Physics Building 2; the agreement notes that the SVE system will be maintained and monitored throughout the lifespan of the system, as documented in the O&M plan described in the Soil Vapor Extraction Construction Completion Report for 1245 Terra Bella Avenue.

Effectiveness. This option has a medium effectiveness because, although it does not reduce the toxicity, mobility, or volume of the COCs in the Study Area, it does facilitate the achievement of the RAOs. Some enforcement and permit tools are already in place and have been effective facilitating achievement of the RAOs.

Implementability. These restrictions have a high implementability based on the fact that some enforcement and permit tools are already established.

Cost. These tools have moderate capital and low O&M costs mostly associated with establishing these tools.

Although enforcement and permit tools do not achieve the RAOs for the Sites, they facilitate achievement of the RAOs and they are already in effect for the Sites. Therefore, this option will be retained for further consideration.

6.3.1.2.4 Informational Devices

Informational devices provide information to the public regarding residual contamination. Examples of these types of devices include the RWQCB GeoTracker website, USEPA website, public notices, recorded notices within property records, signage accompanying active and passive mitigation, and O&M plans for commercial and residential buildings with active systems. A property transfer monitoring service may be useful to support the informational efforts. Some informational devices, including the GeoTracker website, the USEPA website and O&M plans for commercial and residential buildings with active systems, are already established.

Effectiveness. This option has a medium effectiveness because, although it does not reduce the toxicity, mobility, or volume of the COCs in the Study Area, it does facilitate the achievement of the RAOs. Some informational devices are already in place and have been effective facilitating achievement of the RAOs.

Implementability. These restrictions have a high implementability based on the fact that some informational devices are already established.

Cost. These tools have moderate capital and low O&M costs mostly associated with establishing these devices.

Although informational devices do not achieve the RAOs for the Sites, they facilitate achievement of the RAOs and they are already in effect for the Sites. Therefore, this option will be retained for further consideration.

6.3.2 General Response Actions for Groundwater

The following sections describe the GRAs specific to groundwater that were retained following completion of the secondary screening process.

6.3.2.1 Hydraulic Control

Hydraulic control involves the application of physical or hydraulic measures to reduce the potential for the migration of COCs. Hydraulic containment is the only hydraulic-control technology applicable to the Study Area.

6.3.2.1.1 Hydraulic Containment

Hydraulic containment can be implemented either with physical barriers and extraction wells to prevent groundwater from mounding and overflowing the barrier, or without physical barriers (relying only on groundwater extraction) to prevent groundwater migration and to remove affected groundwater from the subsurface for treatment or disposal. Extraction wells constitute the hydraulic-containment process option that is potentially applicable for the Study Area. The following section describes this process option and evaluates its effectiveness, implementability, and cost. Extraction wells are evaluated for both hydraulic containment and long-term extraction for this process option.

6.3.2.1.1.1 Extraction Wells

Vertical groundwater extraction wells can establish hydraulic containment by pumping groundwater from the wells to depress the local piezometric surface. This depression directs groundwater flow into the wells where it can be treated ex situ.

The use of vertical extraction well systems generally requires installing several wells at a site and pumping these wells at specified rates to contain groundwater and control migration of the associated COCs plume. Extraction wells generate a waste stream (extracted groundwater) that generally requires treatment and disposal.

Effectiveness. The effectiveness of the groundwater extraction well system requires an in-depth knowledge of the local aquifer and can only be demonstrated after the aquifer reaches equilibrium with the extraction system. The effectiveness of a properly designed groundwater extraction system is high for both removing affected groundwater and effecting hydraulic containment. In terms of the ability of extraction wells to effectively meet the RAOs for the Study Area, groundwater extraction relies primarily on advection to remove COCs from the groundwater. COCs trapped in the finer-grained sediments present at the Semiconductor Property are more difficult to remove via advection. Therefore, groundwater extraction would rely on the relatively slower process of diffusion to access the adsorbed-phase mass. The length of time that would be required to achieve the RAOs for the Study Area makes the overall effectiveness of this technology low.

Implementability. The overall implementability of this technology is considered moderate.

Cost. Capital costs are low to moderate depending on the number of additional wells required. Long-term O&M costs for the wells would also be low because each well requires only a relatively small pump; however, O&M costs for the pumping would be moderate to high due to costs associated with water extraction fees and sewage charges.

Extraction wells are used either for hydraulic containment or mass removal. The use of extraction wells has been effective both at hydraulic containment and at mass removal by collecting large volumes of the shallow and upper- and lower-intermediate zone groundwater containing detected COCs; however, because of the length of time that is required for this process option to meet the groundwater RAOs, implementation of this option alone is not ideal. Therefore, this option has been retained only as a component of a remedial alternative for the Study Area as it applies to operation of the existing groundwater extraction systems for mass removal and hydraulic containment.

6.3.2.2 Ex Situ Groundwater Treatment

Ex situ treatment refers to technologies that are applied following removal of the groundwater affected with COCs. The treatment technologies identified as being potentially applicable are biological, physical, chemical, and thermal treatment.

6.3.2.2.1 Physical and Chemical Treatment

Ex situ physical and chemical treatment process options identified as applicable for treating affected groundwater following the secondary screening process include air stripping and liquid-phase carbon adsorption.

6.3.2.2.1.1 Air Stripping

Air stripping is a process by which VOCs are partitioned from the liquid to the vapor phase by bubbling air up through a reactor that is designed to strip (remove) VOCs from the groundwater. The stripping is generally accomplished using packed towers, tray aerators, or spray aeration to induce volatilization. The effectiveness of air stripping generally depends on the partitioning (Henry's) constant of the substance that must be removed from the groundwater. Compounds with a higher Henry's constant will partition more readily to the vapor phase, making air stripping more effective. With air stripping, the stripped compounds would be contained in an effluent air stream that may require secondary treatment. Emission control technologies are evaluated in Section 6.3.3.2.

An air stripper was installed in conjunction with the GWETS at the Semiconductor Property and effectively removed TCE from groundwater to non-detectable levels prior to its discharge under the NPDES permit.

Effectiveness. The COCs found in groundwater at the Sites have relatively high Henry's constants. The air stripper installed as part of the GWETS was highly successful at reducing influent groundwater concentrations and meeting discharge requirements.

Implementability. The implementability of this technology is high because an air-stripping system has already been installed as part of the GWETS.

Cost. The initial capital costs of air stripping have already been incurred; however, given the age of the system, the air stripper would need to be replaced before the GWETS could be returned to service. Therefore, the capital costs are considered moderate. The operating costs are generally lower than

comparable groundwater treatment technologies because stripping VOCs and treating them in the vapor phase is generally less expensive than treating them in the liquid phase. The associated cost savings related to treating VOCs in the vapor phase usually pays for the added cost of purchasing and operating an air stripper (as opposed to liquid-phase granular activated carbon [GAC] alone) within a reasonable period of time.

This technology has already been implemented and has been shown to be effective at the Semiconductor Property. Additionally, the technology is cost effective for removing VOCs from extracted groundwater. Therefore, the technology has been retained.

6.3.2.2.1.2 Liquid-Phase Carbon Adsorption

In liquid-phase GAC treatment, organic compounds (such as VOCs) are removed from the water stream by passing the groundwater through a bed of activated carbon. The carbon removes the compounds from the groundwater using chemical and physical adsorption processes. Carbon adsorption can be predicted using saturation curves (isotherms) that indicate an upper limit of how much of a compound the GAC will adsorb at equilibrium. However, other organic matter present in the groundwater may reduce this theoretical removal efficiency. When all of the available adsorption sites have been filled, the carbon is considered “spent” and must be replaced with either virgin or regenerated carbon. Carbon regeneration is performed off site under high temperatures and results in the destruction of the organic compounds adsorbed onto the carbon.

Effectiveness. This technology has proven to be reliable at other remedial sites and has been shown to be somewhat effective at removing the COCs. It is important to note that liquid-phase GAC does not effectively remove vinyl chloride. This technology is also flexible and remains effective during variations in system flow rate or chemical concentration. Therefore, liquid-phase GAC has a medium effectiveness.

Implementability. Liquid-phase GAC has a high implementability because it is a technology that is commonly used and the engineering requirements are well defined.

Cost. The cost of liquid-phase GAC varies depending on the concentration of total organic compounds in the extracted groundwater. In general, it is assumed that the costs to implement liquid-phase GAC would be higher relative to other groundwater treatment technologies.

Liquid-phase GAC is somewhat effective and is relatively cost effective. Therefore, this technology is appropriate for the removal of COCs from extracted groundwater at the Sites and has been retained.

6.3.2.3 Groundwater Discharge

Discharge refers to technologies that provide for use or disposal of extracted groundwater, often after treatment. Example technologies for groundwater are listed below.

6.3.2.3.1 Disposal

Groundwater disposal provides for ultimate placement of groundwater. The two technologies for groundwater disposal are discharge to a POTW and discharge to a storm drain.

6.3.2.3.1.1 Direct Discharge to a POTW

For this option, the effluent from the groundwater extraction system would be directly discharged into the existing sanitary sewer line in the Study Area. The water would flow through the City of Mountain View sanitary sewer system for treatment at the City of Mountain View POTW.

Effectiveness. The effectiveness of this option would be relatively high because the water would receive proper permitted disposal.

Implementability. The implementability of this option is moderate.

Cost. The costs of discharging to the POTW are moderate.

This process option has already been implemented for water extracted from the SSES and NBES, and has shown to be effective. Therefore, the technology has been retained.

6.3.2.3.1.2 Discharge to a Storm Drain After Treatment

For this option, the effluent from the groundwater treatment system would be discharged into the existing storm drain line in the Study Area. The treated water would flow through the storm drain for discharge to Permanente Creek located west of the Study Area.

Effectiveness. The effectiveness of this option would be relatively high because the water would receive proper permitted disposal.

Implementability. The implementability of this option is moderate.

Cost. The costs of discharging to the existing storm drain are moderate.

This process option has already been implemented for water extracted from and subsequently treated on the Semiconductor Property, and has proven to be effective. Therefore, the technology has been retained.

6.3.2.4 In Situ Groundwater Treatment

In situ groundwater treatment includes technologies that can be applied to groundwater without first removing the affected medium. It involves the use of chemical, biological, and/or physical treatment processes to reduce the toxicity, mobility, and/or concentrations of groundwater COCs in place.

6.3.2.4.1 Biological Treatment

The in situ biological treatment process option identified as applicable for treating affected groundwater is enhanced bioremediation.

6.3.2.4.1.1 Enhanced Reductive Dechlorination

ERD, a form of enhanced bioremediation, is an engineered bioremediation technique in which chlorinated compounds are degraded under anaerobic conditions through a series of chemical transformations. ERD involves the injection of an easily degradable carbohydrate solution into the groundwater, which is metabolized by the naturally occurring or injected bacteria in the subsurface. Consequently, the bacteria consume dissolved oxygen (DO) at a rate greater than it is recharged, creating an anaerobic environment. Products that have specifically been designed for this purpose include Hydrogen Release Compound™ (HRC) from Regenesis, Emulsified Vegetable Oil from EOS Remediation, Inc., CAP18TM from DBI Remediation Products, and Peroxychem's EHC product. Additionally, industrial and food-grade

products, including ethanol, sodium and potassium lactate, cheese whey, molasses, corn syrup, and others, have been used at other sites to promote biologically favorable anaerobic reducing environments to support ERD. All of these substrates have been shown to be effective in creating anaerobic environments within groundwater and stimulating the growth of microorganisms capable of the dechlorination of TCE to innocuous end products.

Following depletion of DO, the bacteria begin the successive utilization of alternative electron acceptors to support respiration. The general sequence of alternate electron acceptor utilization and respiration byproduct formation is as follows (from most thermodynamically favorable to least):

Nitrate (NO_3^-)	→	Nitrite (NO_2^-)
Ferric Iron (Fe^{3+})	→	Ferrous Iron (Fe^{2+})
Mangenic Manganese (Mn^{4+})	→	Mangenous Manganese (Mn^{2+})
Sulfate (SO_4^{2-})	→	Sulfide/Hydrogen Sulfide (H_2S)
Carbon Dioxide (CO_2)	→	Methane (CH_4)

Microbial utilization of such alternate electron acceptors creates electrochemically reducing conditions. Consequently, by maintaining organic carbon in the saturated environment, ERD technology drives the groundwater environment to anaerobic and strongly reducing conditions. The zone in which this environment is established becomes an in situ reactive zone (IRZ).

ERD technology relies on an active delivery method, whereby the organic carbon source is injected under either high or low pressure through injection wells. This process ensures delivery of organic carbon to the formation. This allows microbial populations to flourish, resulting in a highly reducing groundwater environment and supporting contaminant degradation at rates sufficient to meet remedial goals. Groundwater recirculation, natural dispersion, and advective groundwater transport, and, if needed, additional injections, also help maintain and propagate the ERD. Thus, ERD is most effective on saturated soils where the groundwater flow assists in the delivery and maintenance of the organic carbon solution. Effective treatment of unsaturated soils in situ is more difficult, requiring development and maintenance of saturated conditions

During application of ERD, the increase in microbial populations also typically results in a natural surfactant effect caused by the generation of biosurfactants and bioemulsifiers that can promote desorption of residual and adsorbed-phase contaminant mass, making it available for degradation (Suthersan 2002). This effect is an important advantage of the ERD technology as it can aggressively address both DNAPL and the adsorbed-phase mass that may be trapped in the less permeable zones at a site. This will provide an advantage in shortening expected treatment duration as compared to other physical and chemical treatment techniques, which rely on the extremely slow process of diffusion to access the adsorbed-phase mass (Nyer and Vance 2001).

Assuming a sufficient population of naturally occurring bacteria and availability of sufficient nutrients and alternate electron acceptors, the primary technical challenges associated with the use of ERD for groundwater remediation include: (1) delivering the carbohydrate solution to the subsurface, and (2) controlling the groundwater biogeochemical environment.

Effectiveness. Results of the ERD pilot study and the full-scale ERD treatability study performed to date at the Semiconductor Property have shown that this process option is highly effective in enhancing biodegradation of VOCs.

Implementability. ERD is applicable to the dissolved-phase plumes in the shallow, upper-intermediate, and lower-intermediate zones at the Semiconductor Property. The implementability of this technology is considered moderate to high, depending on the radius of influence of the injection or placement locations and the number of locations necessary to achieve remedial goals.

Cost. The capital cost of this process option is moderate to high, depending on the number of injection locations necessary to achieve remedial goals. The O&M cost is low.

The full-scale ERD implementation at the Semiconductor Property was highly successful. Therefore, this process option will be retained for remedial-alternative development.

6.3.2.5 Natural Attenuation

The natural attenuation GRA relies on “natural attenuation processes” as a remediation approach. It includes a variety of physical, chemical, or biological processes that act to reduce the mass, toxicity, mobility, volume, or concentrations of VOCs in groundwater. These natural attenuation processes include: biodegradation, volatilization, dilution, sorption, and dispersion. These mechanisms can be classified as either destructive or non-destructive.

6.3.2.5.1 Monitored Natural Attenuation

Natural attenuation processes include biodegradation, dispersion, sorption, and volatilization (USEPA 1999). The biodegradation mechanism is typically responsible for the majority of the mass destruction, although abiotic destruction of some compounds does occur. When strongly reducing conditions are present, biodegradation of chlorinated ethenes (such as TCE) predominantly occurs via reductive dechlorination. Under less reducing conditions, TCE, cis-1,2-DCE, and VC may be metabolically and/or co-metabolically biodegraded by methane consuming bacteria (methanotrophs), ethene consuming bacteria (ethenotrophs), and others expressing monooxygenase enzymes with relaxed substrate specificity. Natural attenuation processes are typically occurring at all sites, but to varying degrees of effectiveness depending on the types and concentrations of VOCs present and the physical, chemical, and biological characteristics of the soil and groundwater. For this remedial technology type to be considered effective, the rate of natural attenuation must be sufficient to meet RAOs.

6.3.2.5.1.1 Performance Monitoring

During biodegradation, dissolved-phase organic contaminants are ultimately transformed into carbon dioxide, methane, and water. The ultimate result of biodegradation is a reduction in contaminant concentrations (and mass) and results in diminished contaminant transport over time. Biodegradation processes typically cause measurable changes in groundwater chemistry that are monitored as part of the performance monitoring process option. For example, during anaerobic biodegradation, geochemical indicators such as nitrate, iron or manganese, sulfate, and other potential electron acceptors are reduced and concentrations of these constituents decrease. These parameters provide an indication of the active terminal electron accepting processes (TEAPs) at the Sites, as follows:

- Denitrifying bacteria utilize nitrate as an electron acceptor, leading to depleted nitrate concentrations in groundwater (denitrification).
- Metals present in the solid aquifer matrix such as iron and manganese can also act as electron acceptors during anaerobic biodegradation, resulting in an increase in iron (II) and manganese (II) concentrations in groundwater.
- Where sulfate is used as the electron acceptor, sulfate is reduced to hydrogen sulfide and sulfate concentrations decrease (sulfate reduction).
- In anaerobic systems where carbon dioxide is used as an electron acceptor, carbon dioxide is reduced by methanogenic bacteria and methane is produced.

Performance monitoring includes collecting samples from existing shallow and intermediate zone groundwater monitoring wells to detect changes in location and concentration of VOCs and geochemical parameters that demonstrate that natural attenuation is occurring. The data are analyzed in accordance with guidance documents such as the USEPA document titled *An Approach for Evaluating the Progress of Natural Attenuation in Groundwater* (USEPA 2011).

Effectiveness. This option has been tested as part of a long-term pilot study and has been shown to cause stable to declining plume concentrations and extent in the downgradient portion of the Study Area.

Implementability. Groundwater monitoring and MNA has a high implementability. There are many monitoring wells installed on-Property and off-Property, within the shallow, upper-intermediate, and lower-intermediate zone aquifers.

Cost. This option has a low capital and a moderate O&M cost. Costs would include labor for collecting the samples, reporting the results, and associated laboratory costs.

Coupled with on-Property remediation activities, this option will help achieve the RAOs for the Study Area. Therefore, it will be retained for use in combination with other process options for the development of remedial alternatives.

6.3.3 General Response Actions for Vapor (Soil Vapor and Emissions)

GRAs have been developed for both soil vapor and emissions-related vapor. The soil vapor-related process options have been selected for management of COCs and remediation byproducts (methane) in soil vapor. The emission-related vapor treatment includes process options to manage emissions associated with groundwater and soil vapor-related process options.

6.3.3.1 Building Mitigation for New or Existing Buildings

The Study Area includes both commercial and residential buildings which overlie the contaminated groundwater plume. As such, there is potential for VOCs from groundwater to volatilize and enter the buildings, a process called vapor intrusion. Due to the variety of property, stakeholder and building-specific characteristics, a variety of building mitigation remedies have been retained and are further evaluated below.

It is important to note that vapor intrusion concerns throughout the Study Area are considered temporary, as the full-scale ERD treatability study has been very effective at reducing VOC concentrations in

groundwater at the Semiconductor Property and in the Spring Street Area. As treated groundwater migrates to downgradient areas of the Study Area, VOC concentrations in shallow groundwater will decrease, thus resulting in reduced vapor intrusion potential over time.

6.3.3.1.1 Vapor Barrier (Passive Mitigation)

Vapor barriers are a type of passive vapor intrusion mitigation, which physically prevent vapor from entering the building. The pathway sealing process option has been retained as a vapor barrier remedial technology type and is further evaluated below.

6.3.3.1.1.1 Pathway Sealing

As noted above, pathway sealing is a process option which physically prevents contaminated vapor from entering a building. If vapor intrusion is known or suspected to be causing elevated levels of contamination indoors, preferential vapor intrusion pathways can be sealed. Preferential vapor intrusion pathways identified to date within the Study Area include floor drains, various pathways through the building slab and other building features in commercial buildings, and crawl space vents located in furnace closets in residential buildings. Floor drains can be sealed by installing one-way floor drains that prevent vapor, including sewer gas, from entering the building. Slab penetrations and other identified pathways can be sealed using industrial caulking, vapor seal paint and vapor seal foam, all of which physically block vapor from rising through the slab. Crawl space vents can be sealed by covering the vent with wood or sheet metal, thereby preventing vapor present in the crawl space from rising through the vent and entering the residence. (Note: When necessary, an additional ventilation source from the attic is provided to ensure the combustion appliances have an adequate fresh air supply.)

Effectiveness. This option has been tested in both commercial and residential buildings, and has proven to be highly effective at reducing concentrations of COCs indoors.

Implementability. The implementability of this option is moderate because the specific pathway sealing technique must be tailored to each individual building and requires building owner agreement.

Cost. The cost of this option is low, as the techniques do not require extensive design and the materials are relatively inexpensive.

This process option will be retained for remedial-alternative development as an interim measure to prevent vapor intrusion into buildings within the Study Area until shallow groundwater RAOs are met.

6.3.3.1.2 Active Vapor Intrusion Mitigation

Active vapor intrusion mitigation options include active crawl space venting, HVAC system operation, sub-slab depressurization and SVE. These four process options have been retained as vapor remedial technologies and are further evaluated below.

6.3.3.1.2.1 Active Crawl Space Venting

Residential buildings located in the Spring Street Area are constructed with crawl spaces. Therefore, active crawl space venting is a process option maintained for mitigating vapor intrusion into residential buildings.

An active crawl space venting system (CSVS) is typically designed to function by venting the crawl space of a residential building to force soil vapor to migrate to the exterior of the building. An active CSVS

functions by drawing in outside air to the crawl space area, which dramatically reduces volatile chemical concentrations in the crawl space. Active CSVS includes installation and start-up of specialty fan(s) mounted in crawl space vents.

Effectiveness. The effectiveness of this option would be relatively high as an interim response action until concentrations of VOCs and/or methane in shallow groundwater decrease to the point at which mitigation is no longer deemed necessary.

Implementability. The implementability of this option is moderate because the specific design of the system must be tailored to each individual building and implementation of the system requires building owner agreement.

Cost. The costs of designing and operating an active CSVS are moderate.

This process option will be retained for remedial-alternative development as an interim measure to prevent vapor intrusion into buildings within the Study Area until shallow groundwater RAOs are met.

6.3.3.1.2.2 HVAC System Operation

Commercial buildings within the Study Area are equipped with HVAC systems. Adjustments to the HVAC systems can be made which would reduce the vapor intrusion rate from VOCs in the subsurface to indoors. Examples of such adjustments include increasing the operating time of the HVAC system (e.g., operating the system 24 hours per day and 7 days per week) and increasing the amount of fresh air brought into the system. HVAC adjustments have been successfully implemented within the Study Area and post-adjustment samples have confirmed the effectiveness of the process option at reducing concentrations of COCs indoors. The HVAC system operation would only be required as an interim measure, as vapor intrusion concerns subside as a result of the full-scale ERD treatability study on-Property, which have proven to be very effective at reducing VOC concentrations in groundwater at the Semiconductor Property, and the active natural attenuation processes in the off-Property area. When groundwater concentrations decrease sufficiently, the need for optimized HVAC system operation will be eliminated.

Effectiveness. This option has been tested in commercial buildings, and has proven to be highly effective at reducing concentrations of COCs indoors.

Implementability. The implementability of this option is high because the commercial buildings located in the Study Area are already equipped with HVAC systems. However, specific HVAC system operation must be tailored to each individual building and negotiated with the property owner.

Cost. The costs of evaluating HVAC systems and helping improve system operations are moderate.

This process option will be retained for remedial-alternative development as an interim measure to mitigate vapor intrusion into commercial buildings within the Study Area.

6.3.3.1.2.3 Sub-Building Depressurization

Sub-building depressurization applies to both commercial and residential buildings within the study. Sub-building depressurization techniques include sub-slab depressurization (SSD) and sub-membrane depressurization. SSD systems can be installed below commercial or residential buildings. SSD systems can be installed to either passively or actively create a negative pressure field directly below the slab of a

building, providing a sink for soil vapor, and thereby preventing soil vapor from entering the building. Sub-membrane depressurization systems can be installed below residential buildings with crawl spaces. Sub-membrane depressurization systems consist of a vapor tight membrane installed within the crawl space and a perforated hose beneath the membrane connected to a fan outside of the residence. The fan induces a negative pressure below the membrane, pulling vapor from beneath the membrane and exhausting it above the residence. Residential sub-membrane depressurization systems have been installed within the Study Area and post-installation testing have confirmed the effectiveness of the process option at reducing concentrations of COCs indoors. Sub-slab depressurization systems have been successfully installed on other similar sites.

Effectiveness. Sub-building depressurization systems installed within the Study Area have proven to be highly effective at reducing concentrations of COCs indoors.

Implementability. The implementability of this option is moderate because although it is applicable to both commercial and residential buildings within the Study Area, system designs must be tailored to each individual building and installations and O&M must be negotiated with the property owner. Additionally, building conditions (e.g., features that limit the radius of influence) have the potential to impact the implementability of this option.

Cost. The cost of this option is low to moderate for residential buildings in the Study Area because they are equipped with crawl spaces, which allow ready access for mitigation. The cost of this option is moderate to high for commercial buildings in the Study area because it can require extensive design and building excavation work, as well as extensive negotiations with property owners.

This process option will be retained for remedial-alternative development as an interim measure to mitigate vapor intrusion into commercial buildings within the Study Area.

6.3.3.1.2.4 Soil Vapor Extraction

SVE can be used as a vapor intrusion mitigation technology to prevent both COCs and remediation byproducts (methane) present in soil vapor from entering commercial buildings. SVE is a technology in which a vacuum is applied to soil to induce the movement of volatile chemicals and extract the volatile chemicals from the soil. The vapor leaving the soil may be treated to recover or destroy the constituents, depending on local and state air discharge regulations.

The SVE system in place at the Semiconductor Property has successfully prevented methane, a byproduct of the ERD implementation at the Property, from entering the building.

Effectiveness. The SVE system installed on the Semiconductor Property has proven to be highly effective at reducing migration of remediation byproducts indoors.

Implementability. The implementability of this option is moderate because although the SVE system at the Semiconductor Property has already been implemented, future systems would need to be tailored to the individual building and negotiations with property owners would be required.

Cost. The SVE process option has moderate to high capital and O&M costs. The capital costs have already been realized for the systems in place on the Semiconductor Property and Spectra-Physics Building 2 Property Capital costs include the cost for well, pipeline and vapor-extraction blower installation. Administrative costs include negotiations with property owners and other relevant

stakeholders. The operating costs include electrical power for the blower, system monitoring and vapor sampling, and the costs for treating the vapor emissions.

This process option will be retained for remedial-alternative development as an interim measure to mitigate vapor intrusion of COCs and remediation byproducts into commercial buildings within the Study Area.

6.3.3.2 Vapor Emissions Treatment

Some of the process options retained above, including air stripping and SVE, would generate off-gases that could require secondary treatment.

6.3.3.3.1 Physical and Chemical

Ex situ physical and chemical treatment process options identified as applicable for treating vapor emissions following the secondary screening process include vapor-phase carbon adsorption. Vapor generated from air stripping and SVE would need to be captured and treated prior to discharge.

6.3.3.3.1.1 Vapor-Phase Carbon Adsorption

As previously described, GAC treats the waste stream by passing it through a bed of activated carbon that would adsorb VOCs (except vinyl chloride). The adsorbed constituents are ultimately destroyed by thermal oxidation when the carbon is regenerated by the carbon manufacturer. The methane mitigation SVE system at the Semiconductor Property currently has two vapor abatement vessels, each of which contains 1,000 pounds of GAC.

Effectiveness. This technology has a high effectiveness for removing VOCs (except vinyl chloride) to nondetectable concentrations. This technology is reliable and is flexible to surges in vapor-flow rate or chemical concentration in the influent vapor stream.

Implementability. Vapor-phase GAC has a high implementability because it has already been installed at the Semiconductor Property as part of the methane mitigation system design and is relatively easy to maintain.

Cost. The capital cost of vapor-phase GAC treatment is low because the GAC canisters were already installed at the Property. Additional capital costs are primarily for vapor handling equipment and, if necessary, additional devices such as in-line heaters or chillers to modify the relative humidity of the process stream. The operating costs are proportional to the concentration of total organic compounds in the air stream.

Because vapor-phase GAC is highly effective, highly implementable, and has been shown to be cost effective at the Semiconductor Property, this technology has been retained for further evaluation.

6.4 Remedial Technologies

As a result of the secondary screening discussed in Section 6.3, the technologies listed below are considered further in Section 9 for each medium of concern and for developing site-wide remedial alternatives.

Groundwater

- No action
- Institutional controls
    - Administrative
        - Proprietary controls
        - Governmental controls
- Hydraulic control
    - Hydraulic containment
        - Extraction wells
- Groundwater discharge
    - Groundwater disposal
        - Direct discharge to POTW
        - Discharge to a storm drain after treatment
- In situ groundwater treatment
    - Biological treatment
        - Enhanced bioremediation
- Natural attenuation
    - Monitored natural attenuation
        - Performance monitoring

Vapor (emissions and soil vapor)

- No action
- Institutional controls
    - Administrative
        - Proprietary controls
        - Governmental controls
        - Enforcement and permit tools with institutional control components
        - Informational devices
- Building mitigations and modifications for new or existing buildings
    - Vapor barrier
        - Pathway sealing
    - Ventilation

        - Active crawl space ventilation
        - HVAC system operation
        - Sub-building depressurization
        - Soil vapor extraction
- Vapor emissions treatment
    - Physical and chemical
        - Vapor-phase carbon adsorption

7 MONITORED NATURAL ATTENUATION EVALUATION

A ‘‘lines of evidence’’ approach has been adopted by the USEPA as a method of documenting natural attenuation (USEPA 1998). This approach involves providing three tiers of site-specific information, or ‘‘lines of evidence,’’ to demonstrate that natural attenuation is occurring. As defined by the USEPA, these tiers are:

1. Historical groundwater chemistry data that document a clear loss of contaminants (i.e., decreasing concentrations trends with time) at the field scale;

2. Hydrogeologic and geochemical data that can be used to demonstrate indirectly the type(s) of natural attenuation processes (destructive or non-destructive) active at the site, and to estimate the rate at which such processes will reduce contaminant concentrations to required levels; and,

3. Data that directly demonstrate the occurrence of a particular natural attenuation process (most notably biological degradation) at the site and its ability to degrade the COCs.

While the first line of evidence is required for demonstration of MNA, the need for the second and third lines of evidence is conditional upon the strength of the previous line(s) of evidence.

Figure 3-13 depicts the conceptual model for the Sites, including a model of the complete anaerobic reductive dechlorination of TCE across the extent of the plume. The figure also shows the processes that can be expected during complete anaerobic dechlorination and the potential aerobic degradation pathways for the less chlorinated ethenes (e.g., VC).

The MNA data assessment was reported in February 2007 (LFR 2007) and in the Five-Year Status Report (LFR 2009b) and included an assessment of the first and second lines of evidence. The MNA program has continued since completion of the Five-Year Status Report, and was updated MNA evaluation was reported in the semiannual groundwater monitoring report submitted in October 2015 (Arcadis 2015d; Appendix I). The data strongly support that MNA is permanently removing VOCs from groundwater through biodegradation, is shrinking the plume, and is as effective as pump and treat in containing and remediating VOC-affected groundwater in the distal areas of the Study Area.

As detailed in the “Linear Regression Analysis to Estimate Cleanup Time Frames in the North Bayshore Area” memorandum (Arcadis 2015g; Appendix N), it is anticipated that groundwater concentrations in the NBA will meet achieve groundwater standards between 2015 and 2096 in the NBA. This cleanup timeframe is considered reasonable but also conservative, as the ERD treatability study on the Semiconductor Property has resulted in significant mass reduction, thus reducing mass flux from the Property.

7.1 Summary of 2015 MNA Evaluation

The 2015 MNA evaluation provides an update to previous evaluations, along with presentation of an additional line of evidence for MNA. The detailed results of the evaluation are presented in the most recent groundwater monitoring report included as Appendix I.

Though the SSES area was originally included in the MNA pilot study, this update of the MNA evaluation focuses on inactive extraction wells in the NBA as well as downgradient plume delineation wells. As

additional data become available following the recent SSES shutdown, MNA progress will be re-evaluated in this area.

The following subsections present evaluation results for each of the lines of evidence and demonstrate that natural attenuation is an effective remedial approach in the NBA.

7.1.1 Demonstration of the First Line of Evidence

A stable plume with decreasing VOC concentration trends over time provides the first and primary line of evidence supporting MNA. This line of evidence is documented in the following subsections with demonstration of:

- Decreasing total VOC (tVOC) and TCE concentration trends between 2003 and 2015;
- A stable downgradient plume extent with respect to TCE and its biodegradation reaction products cis-1,2-DCE and VC; and
- A reduction in the total mass of TCE in the NBA between 2000 and 2015.

7.1.1.1 Total VOCs and TCE Concentration Trend Analysis

A statistical evaluation of VOC concentration trends in the NBA was conducted. Trend analyses were conducted using the Mann-Kendall statistical test, as recommended by the USEPA (USEPA 1998, 2004). Trend analyses were conducted over the period between the first sampling event following the initiation of the MNA Pilot Study (December 2003) and the most recent sampling event (June/July 2015). As presented in Table 7-1, the findings from the trend analyses demonstrate that the majority of the shallow zone and upper-intermediate zone wells have decreasing trends for both TCE and tVOCs. The statistical trend analysis results provide robust evidence that the Sites-related TCE and tVOC plumes are stable to decreasing throughout the majority of the NBA.

7.1.1.2 Stable Downgradient Plume Extent

The stability of the downgradient plume boundary is another portion of the first line of evidence that demonstrates natural attenuation is occurring within the plume and indicates that decreasing concentrations are not solely the result of plume migration. Decreasing to stable tVOC and TCE concentration trends at NC1S and NC2I (the farthest downgradient monitoring wells), along with the presence of TCE degradation byproducts indicate that the plume is not migrating beyond the characterized extent. It is expected that tVOC and TCE concentrations will continue to decrease over time due to natural degradation in the downgradient area and decreased flux of TCE from the Semiconductor Property due to ERD treatment.

7.1.1.3 Plume Reduction and TCE Mass Analysis

Available historical data for each semiannual monitoring period (including data collected from the neighboring Montwood and Peery Arrillaga sites) were evaluated for the shallow and upper-intermediate zones for 2000, 2005, 2010, and 2015, and updated isoconcentration maps were developed based on the current working understanding of the distribution of TCE related to source areas within the Study Area (included in Appendix I). Based on the areas calculated within the isoconcentration contours north of Highway 101 (i.e., the extent of the Sites-related plume in the NBA), the estimated total mass removal over the last 15 years is 679 pounds, of which an estimated 129 pounds were removed from the shallow zone

and 550 pounds were removed from the upper-intermediate zone. This calculated mass reduction is primarily attributed to natural attenuation processes. Table 7-2 provides a summary of TCE mass reductions in the NBA from 2000 to 2015.

7.1.2 Demonstration of the Second Line of Evidence

Geochemical data provide a second and supporting line of evidence that conditions conducive to biodegradation are present and that biodegradation is occurring in the downgradient NBA. As discussed below, specific geochemical lines of evidence for biodegradation include:

- Presence of TCE breakdown products cis-1,2-DCE and VC and reductive dechlorination end-products ethene and ethane;
- Changes in VOC molar concentration profiles with time; and
- Reduction conditions conducive to ongoing biodegradation.

7.1.2.1 Presence and Distribution of Degradation Byproducts

TCE degradation byproducts (namely cis-1,2- DCE, VC, ethene and ethane) are consistently detected throughout the NBA and their presence provides an unequivocal line of evidence that reductive dechlorination is occurring in this area. The historical and current presence of cis-1,2-DCE and VC provides a robust line of evidence for biodegradation of TCE degradation in the downgradient plume. Furthermore, the presence of ethene concentrations provides a line of evidence that there is full reductive dechlorination to innocuous end products, supporting the conclusion that there is no cis-1,2-DCE stall occurring in the NBA.

7.1.2.2 Evaluation of VOC Molar Concentrations

An examination of molar concentrations of TCE, cis-1,2-DCE, and VC at monitoring locations in the shallow and upper-intermediate zones provides evidence that, in addition to the occurrence of on-Property ERD, reductive dechlorination contributes to the natural attenuation of VOCs throughout the plume. Molar concentrations of VC and ethene are currently similar in magnitude to the molar concentration of cis-1,2-DCE, indicating that cis-1,2-DCE and VC are degrading at a relatively rapid rate in the NBA.

7.1.2.3 Geochemical Data

Select groundwater monitoring wells in the NBA have been sampled as part of the ongoing MNA program including shallow-zone wells S-12, RA-1, PZ-2S, E-2, E-9, and NC-1S, and upper–intermediate-zone wells S-16I, T-32I, T-11, E-11, E-15, and NC2I. The MNA field parameters include DO, ORP, sulfide, nitrite, and ferrous iron, and laboratory parameters include sulfate, nitrate, total iron, dissolved gases (ethane, ethene, and methane), and during the most recent event, TOC. Tables 7-3 and 7-4 provide a summary of field and laboratory MNA parameters collected since the beginning of the MNA study in September 2003. The data indicate that background conditions are generally oxidizing to mildly reducing and that conditions within the plume transition to more reducing conditions, which support the presence of natural attenuation mechanisms.

7.1.3 Demonstration of the Third Line of Evidence

The third line of evidence pertains to the documentation of the mechanism of mass destruction, which directly demonstrates biodegradation. This line of evidence is documented in the following subsections with demonstration of:

- The presence of slightly enriched (more positive) stable isotopes relative to the heaviest manufactured TCE composition reported in the literature; and
- The presence of *Dehalococcoides* (Dhc) on the Semiconductor Property and within the NBA.

7.1.3.1 Compound Specific Isotope Analysis (CSIA) Results

Groundwater samples were collected along the length of the VOC plume, from five shallow-zone monitoring wells and five upper-intermediate-zone monitoring wells, and analyzed for CSIA of stable carbon isotopes in TCE, cis-1,2-DCE and VC.

As shown in Appendix I, the stable carbon isotope compositions of TCE for all samples are generally enriched (more positive) relative to the heaviest manufactured TCE composition reported in the literature, and both cis-1,2-DCE and VC also show heavier (more positive) compositions than TCE. The isotope composition of the on-Property wells shows a substantial isotope enrichment, which is indicative of extensive biodegradation that has occurred as a result of the very successful ERD treatability study. Conversely, a lighter isotopic composition observed at well E-15I is likely indicative of a separate source of TCE being comingled with the Sites-related plume (i.e., potentially the Space Parkway Site).

Additionally, both cis-1,2-DCE and VC typically show similar or heavier (more positive) compositions than TCE. The observation that cis-1,2-DCE isotopic compositions are at least as heavy as TCE compositions, when non-degraded cis-1,2-DCE is expected to be lighter (more negative) than its parent material, provides a strong line of evidence that biodegradation of cis-1,2-DCE does occur in the downgradient plume. The absence of VC at a concentration allowing for the quantification of the isotopic composition at monitoring wells NC-1S and NC-2I suggests that VC is very effectively degraded within the extent of the NBA.

7.1.3.2 Microbial Analysis

Dhc populations were quantified in samples collected using Bio-Trap® samplers and qPCR analyses at five shallow-zone wells and five upper-intermediate-zone wells. Results are presented Appendix I. The results indicate that Dhc is present across the plume and that Dhc contributes to biodegradation in varying degrees across the Sites. The data demonstrate that on-Property ERD is effective at strongly stimulating the microbial community at downgradient monitoring well PZ-2S. The presence of these microorganisms at lower counts at upper-intermediate-zone monitoring wells T-11 and E-15 and at well NC-1S provides evidence that the microbial community at non-ERD areas in the central and downgradient plume areas also has the capacity to degrade TCE to ethene and ethane.

7.2 MNA Conclusion

Statistical trend analyses, evaluation of plume size, and evaluation of mass reduction over time provide the first and primary line of evidence for the efficacy of MNA. Statistically significant decreasing trends in TCE and tVOC concentrations at a majority of monitoring wells in the NBA illustrate that concentrations of the parent VOC and degradation byproducts are decreasing over time.

Additionally, a graphical evaluation of the plume extent over time provides additional evidence that illustrates a decrease in the plume core area and plume stability of the lateral areas. An evaluation of mass over time demonstrates an ongoing decrease in the magnitude of the plume source, and subsequent loss in plume mass in the downgradient plume area. These data collectively contribute to the first line of evidence for MNA, showing the evidence for biodegradation.

The second supporting line of evidence for MNA, geochemical evidence elucidating natural attenuation mechanisms, is provided by the presence of cis-1,2-DCE, VC, and ethene, indicating that TCE is being biodegraded across the extent of the plume. Additionally, an examination of molar VOC concentration trends and an assessment of redox conditions both provide evidence for the destruction of TCE and the production and destruction of intermediate and end products of cis-1,2-DCE and VC by reductive dechlorination. The molar concentrations also indicate that no cis-1,2-DCE stall is occurring in the NBA.

The third and supporting line of evidence for MNA is the direct demonstration of biodegradation processes. This line of evidence is provided by the stable carbon isotope compositions data and the detection of Dhc microorganisms across the plume extent, which are known to have the capacity to mediate the full reductive dechlorination of TCE to ethene and ethane. Stable carbon isotopic compositions of TCE generally show enrichment relative to the range of compositions documented in manufactured TCE products, indicating biodegradation. Isotopic compositions of cis-1,2-DCE and VC are enriched relative to TCE, also indicating biodegradation. The Dhc populations are present across the plume and at shallow plume fringe monitoring well NC-1S. These data provide evidence that the microbial community across the plume and at the plume fringe has the capacity to remediate the full reductive dechlorination of TCE to ethene and ethane.

These three lines of evidence strongly support that MNA is permanently removing VOCs from groundwater through biodegradation, is shrinking the VOC plume, and is as effective as pump-and-treat in containing and remediating VOC-affected groundwater in the NBA.

8 IMPLEMENTATION OF FULL-SCALE ENHANCED REDUCTIVE DECHLORINATION TREATABILITY STUDY

Appendix B2 details the implementation of the full-scale ERD treatability study. A summary of the implementation is provided below.

8.1 Summary of ERD Implementation

A Work Plan to implement a full-scale ERD treatability study at the Semiconductor Property was prepared by FTC&H and SSPA in 2010 (FTC&H/SSPA 2010). This Work Plan and its associated addenda (FTCH 2010a, 2010b) were approved by the RWQCB on January 31, 2011. Figure 3-9 presents the final target ERD treatment area, which was expanded from the area originally presented in the *Focused Feasibility Study* ("2009 FFS"; LFR 2009c) to include an area toward the southern section of the Property containing significant TCE mass. In general, the ERD system design was based on construction of multiple rows of permanent wells, oriented perpendicularly to groundwater flow, with subsequent carbon amendment and bioaugmentation, to create an anaerobic biological environment conducive to ERD processes. The system design was modified as necessary to account for Property-specific conditions. The final injection well network is presented on Figure 3-10.

Two ERD injection events have been conducted to date to effectively deliver the selected electron donor throughout the ERD treatment area. Organic compounds are metabolized by bacteria for energy and carbon (for cell building). Metabolic products released by one bacteria species or group can be used by others for energy and carbon (e.g., organic acids, alcohols, ketones, etc.), or as raw materials (e.g., hydrogen or carbon dioxide). Emulsified soybean oil was considered the optimal electron donor for the full-scale treatability study primarily because of its documented longevity in ERD systems. The delivery procedure generally employed simultaneous injection of groundwater and emulsified soybean oil into one well while extracting groundwater from an adjacent well (both located in the same hydrostratigraphic unit), creating a subsurface recirculation loop. Tables 8-1a and 8-1b provide a summary of the organic mass and recirculation volumes for the first and second injection events, respectively.

Figures 8-1a and 8-1b present the volume of injected organic mass in the shallow zone, and Figures 8-2a and 8-2b present the combined groundwater injection and recirculation volumes in the shallow zone, during the first and second injection events, respectively.

Figures 8-3a and 8-3b present the volume of injected organic mass in the upper-intermediate zone, and Figures 8-4a and 8-4b present the combined groundwater injection and recirculation volumes in the upper-intermediate zone, during the first and second injection events, respectively.

Figures 8-5a and 8-5b present the volume of injected organic mass in the lower-intermediate zone, during the first and second injection events, respectively. Figure 8-6a presents the combined groundwater injection and recirculation volumes in the lower-intermediate zone during the first injection event, and Figure 8-6b presents the groundwater recirculation volume in the lower-intermediate zone during the second injection event.

8.2 ERD Implementation Results

8.2.1 Performance Monitoring Results

Performance monitoring was conducted on a quarterly schedule during 2011-2012 and semiannually from 2013 to present. The locations of the monitoring wells are shown on Figure 3-11. The results from the performance monitoring document the creation of a favorable anaerobic environment and the successful implementation of an ERD system. The system has been highly successful in the destruction of VOC mass beneath the Semiconductor Property. A detailed evaluation of the performance monitoring data is presented in ERD implementation report, included as Appendix B2, and in the semiannual groundwater monitoring report, included as Appendix I. Cumulative VOC and indicator parameters analytical results from the baseline event through the most recent event are summarized in Tables 8-2 and 8-3, respectively.

8.2.2 Source Area Reduction and TCE Mass Analysis

Available historical data for semiannual and performance monitoring results were evaluated for the shallow, upper, and lower-intermediate groundwater zones for 2010 (pre-ERD) and 2015 (post-ERD), and isoconcentration maps were developed to evaluate changes in TCE mass. It is estimated that the pre-ERD TCE mass dissolved in groundwater and sorbed on to aquifer solids south of Highway 101 was 1,302 pounds in 2010, not including residual DNAPL mass that was likely present as discontinuous ganglia in the aquifer matrix based on data collected prior to ERD treatment. Specifically, as described in further detail in Appendix B1, the highest concentrations of TCE in saturated soil (i.e., concentrations greater than 10 mg/kg) were present in the finer-grained, clay-rich sediments. Concentrations were generally highest in the upper-intermediate zone in the southern portion of the treatability area and the lower-intermediate zone in the northern portion of the treatability area. Although some elevated concentrations of TCE were detected in the shallow zone, these concentrations were less than those detected in the upper- and lower-intermediate zones.

As described in Section 6, ERD technology is known to aggressively address both DNAPL and adsorbed-phase mass that may be trapped in the less permeable zones in the treatment area, treatment that could not be achieved with the GWETS. Based on the marked reductions documented by the performance monitoring results, the majority of the residual DNAPL was treated and the current total dissolved and adsorbed TCE mass beneath the on-property area and SSA (the area south of Highway 101) is calculated as 73 pounds. This represents a minimum of 94% reduction during full-scale ERD and substantiates the success of ERD technology in destroying the VOC mass. The total percentage of mass removed is likely higher due to the fact that DNAPL (which has not been quantified) was also destroyed during ERD treatment.

This calculated mass reduction is primarily attributed to ERD treatability, as summarized in Table 8-4. The methodology for this on-Property TCE mass analysis is presented in Appendix O.

8.3 ERD Conclusions

Analysis of VOC concentrations document that reductive dechlorination has and is occurring beneath the Semiconductor Property. Marked reductions of the TCE concentrations have been observed throughout the target treatment area, as highlighted in Table 8-2. Destruction of VOCs in groundwater by ERD has been shown to be rapid, permanent, and irreversible, and has been shown to occur quickly and is more effective than natural processes alone or pump and treat.

9 IDENTIFICATION OF REMEDIAL ALTERNATIVES

The RI/FS previously identified the extent of COCs in soil and groundwater, identified RAOs, identified potential remedial technologies, and screened these technologies based on the nine criteria set by the USEPA (LFR 1990a). The Remedial Action Plan recommended the final remedial alternatives, which were implemented under CAO 91-025.

Since CAO 91-025 was issued, new technologies have been shown to be effective for the in situ treatment of VOCs in groundwater, and a new exposure route (vapor intrusion) has been identified within the Study Area. Section 6 provides identification and screening of remedial technologies and process options for treating COCs in groundwater and vapor at the Sites. The screening process resulted in the identification of a subset of remedial alternatives for further consideration, including:

- For groundwater, remedial alternatives include no action, institutional controls, MNA, hydraulic containment (groundwater extraction) with discharge of treated groundwater, and in situ biological treatment (ERD).
- For vapor, remedial alternatives include no action, institutional controls, building mitigations and modifications, and vapor-phase carbon adsorption.

As documented earlier in Section 7, one of these technologies (MNA) was pilot tested between 2003 and 2015, and another technology (ERD) went through a pilot study and was followed by full-scale pilot study implementation commencing in 2011. Both of these technologies have been shown to be effective groundwater remedial alternatives in the Study Area.

MNA has been shown to be just as effective as pump and treat in mass reduction and plume shrinkage in the distal plume areas under non-pumping conditions. Additionally, ERD has been shown to be a rapid and more effective remedial alternative to groundwater extraction for the Semiconductor on-Property remnant source area.

A set of interim vapor intrusion remedies applicable to Study Area, including building mitigations and modifications which can be implemented based on specific property, stakeholder and building characteristics, has been developed. Many of the mitigations and modifications, including pathway sealing, HVAC system operation, SVE and sub-membrane depressurization, have been successfully implemented within the Study Area. The technologies included in the set of vapor intrusion remedies are considered interim because VOC concentrations will continue to decrease, resulting in reduced vapor intrusion potential over time.

The set of institutional controls include tools related to both groundwater and vapor. Although the controls themselves do not achieve the RAOs for the Sites, they are critical in facilitating achievement of the RAOs. Many of the institutional controls have already been successfully implemented for the Sites.

MNA, ERD, vapor intrusion mitigation and institutional controls have been shown to be effective remedial alternatives within the Study Area. As such, they are included as elements of the alternate remedy:

- ERD followed by MNA in the remnant source area (referred to as Alternative 3a);
- MNA in the distal areas of affected groundwater in the Study Area (referred to as Alternative 3b);
- Vapor intrusion mitigation tools for vapor in the Study Area (referred to as Alternative 3c); and

- Institutional controls for groundwater and vapor (referred to as Alternative 3d).

These alternatives have been chosen for evaluation in this FFS and are compared to the existing pump-and-treat remedy (Alternative 2). The following sections provide an overview and compare the existing remedy with the alternate remedy. The first remedial alternative to be evaluated in this FFS is No Action (Alternative 1).

9.1 Alternative 1 – No Action

In Alternative 1, the affected groundwater and soil vapor would be left “as is” without implementing any institutional controls, containment, removal, treatment, or other mitigating actions. The existing groundwater and vapor-related systems, including the GWETS, NBES, SSES, SVE methane mitigation system, and the active residential sub-membrane depressurization systems, would be shut down, if not already shut down, and would be fully decommissioned. The full-scale ERD program that is underway would be abandoned, and the groundwater and vapor would be left to naturally attenuate without monitoring to ensure proper requirements are met.

9.2 Alternative 2 – Existing Remedy: Groundwater Extraction and Treatment with No Formal Vapor Intrusion Mitigation Remedy On Record

The existing groundwater extraction system, as proposed in the November 26, 1990 *Proposed Remedial Plan* (LFR 1990b) and modified by subsequent RWQCB directives, consists of operating groundwater extraction wells on the Semiconductor Property and in the SSA and NBA (Figure 1-2). Groundwater treatment on the Semiconductor Property would be performed using an air stripper with discharge by NPDES permit, and the NBES and SSES would be discharged to the sanitary sewer under a City of Mountain View POTW discharge permit.

9.3 Alternative Remedy – (3a) Source Area Enhanced Reductive Dechlorination to be Followed by MNA, (3b) Distal Plume Area MNA, (3c) Vapor Intrusion Mitigation Tools, and (3d) Institutional Controls

The full-scale ERD treatability study would be adopted as the design for the on-Property remedial alternative, and enhanced reducing conditions would be maintained until tVOC concentrations in groundwater in the remnant source area are reduced enough to facilitate achievement of groundwater standards throughout the Study Area in a reasonable time frame. Under Alternative 3a, it is assumed that additional injection will be required over limited areas to achieve the RAOs. Groundwater monitoring would be conducted to demonstrate that natural attenuation processes in groundwater are resulting in the prevention of plume migration, shrinkage of plume dimensions, and decreasing plume concentrations in both the source and distal plume areas. Additionally, technologies from the set vapor intrusion mitigation tools would be implemented when needed, based on specific property, stakeholder and building characteristics. Tools from the set of institutional controls would be implemented, as appropriate.

10 DETAILED COMPARISON AND ANALYSIS OF REMEDIAL ALTERNATIVES

This section presents a detailed analysis of the existing and alternate remedies against the USEPA-provided criteria (USEPA 1998) and then compares Alternative 1 and Alternative 3 to the existing groundwater pump-and-treat remedy (Alternative 2) using the nine criteria discussed in Section 10.1.

10.1 Remedial Alternative Comparison

The following sections present a detailed analysis of the three remedial alternatives described above using the USEPA-provided criteria:

- Short-term effectiveness
- Long-term effectiveness and permanence
- Reduction of toxicity, mobility, or volume through treatment
- Implementability
- Cost
- Overall protection of human health and the environment
- Compliance with ARARs
- Support agency acceptance
- Community acceptance

10.1.1 Remedial Alternative 1 – No Action

The general objective of this remedial alternative is to take no remedial action steps to prevent migration of groundwater containing VOC concentrations in excess of MCLs or to remove groundwater containing VOCs in excess of MCLs. The existing groundwater and vapor-related systems, including the GWETS, NBES, SSES, and the active residential sub-membrane depressurization systems, would be shut down, if not already shut down, and would be fully decommissioned. The implementation of ERD would cease, along with any other related activities such as the SVE system to monitor and mitigate migration of methane gas. Additionally, no mitigation would be implemented when vapor intrusion is found to be a concern in specific commercial or residential buildings.

Short-term effectiveness – This alternative has low effectiveness as there would be no remedial steps in place to prevent migration of or to remove VOCs in groundwater or to mitigate vapor intrusion. The removal and prevention of migration of VOC-affected groundwater would rely solely on natural attenuation.

Long-term effectiveness and permanence – This alternative has the longest length of time to completion. The estimated remediation timeline for the current alternative (Alternative 2) is up to 160 years. This would only be longer with no remedial action steps in place.

Reduction of toxicity, mobility, or volume through treatment – No action is taken in this alternative; VOCs in groundwater and vapor would rely on natural attenuation and mobility reduction.

Implementability – This alternative is highly implementable as no actions are taken. Future requirements regarding the abandonment of wells could decrease this to moderate depending on requirements for specific wells.

Cost –The immediate cost for this alternative is moderate as all groundwater wells and soil vapor probes would need to be abandoned and existing remedial systems would need to be decommissioned. It is assumed that residential mitigation systems installed to date would be left in place. The total cost of this alternative is approximately $1 million. The estimated costs are shown in Table 10-1.

Overall protection of human health and the environment – This remedial alternative takes no action to remove groundwater containing VOCs above MCLs or to prevent further migration of affected groundwater. Additionally, this alternative takes no action to prevent vapor containing VOCs from entering buildings within the Study Area. Because there is no prevention of the use of and exposure to the groundwater or vapor, this remedy is not protective of human health and the environment.

Compliance with ARARs – This alternative does not comply with all groundwater-related ARARs identified in the RI/FS or all vapor intrusion- and institutional controls-related ARARs/TBCs presented in Section 4.

Support agency acceptance and community acceptance – Public comments and RWQCB comments have not been received and addressed in previous submittals regarding this alternative; however, as it would not be in compliance with ARARs/TBCs, this alternative would not be expected to be approved by the RWQCB or community.

10.1.2 Remedial Alternative 2 – Existing Remedy: Groundwater Extraction and Treatment with No Formal Vapor Intrusion Mitigation Remedy On Record

The general objective of this remedial alternative is to prevent migration of groundwater containing VOC concentrations in excess of MCLs and remove mass from groundwater containing VOCs in excess of MCLs. The GWETS, NBES, and SSES would be operated as currently designed.

For this alternative, the GWETS, NBES, and SSES would extract groundwater from existing wells. Groundwater from the GWETS would be treated on the Semiconductor Property by air stripping and subsequently discharged to the storm sewer under an NPDES permit. Given its age and current condition, the on-Property groundwater treatment system will likely require replacement. Alternatively, extracted groundwater could be discharged into the sanitary sewer system under a Discharge Permit from the City of Mountain View and treated in the POTW presuming that the permit could be obtained. Groundwater from the SSES and NBES wells would be discharged into the sanitary sewer system under the existing Discharge Permit from the City of Mountain View and treated in the POTW.

Short-term effectiveness – Previous data indicated the estimated time to achieve remedial goals was between 30 and 160 years (LFR 1990a). The existing systems have not achieved the remedial goal over nearly 20 years of operation. These data demonstrate that operation of the extraction system may not be effective at achieving final remedial goals in the short term. Based on the total length of time to reach final remedial goals, short-term effectiveness for the existing remedy is very low.

Long-term effectiveness and permanence – Extraction and treatment technologies have been successful in capturing VOC-affected groundwater and slowly reducing overall concentrations within groundwater. As long as the extraction and treatment systems are properly operated and maintained, long-term effectiveness and permanence are expected to be high to moderate, although multiple treatment system replacements will likely be needed at approximately 20-year intervals, in addition to periodic pump replacements and line maintenance. While pump and treat may effectively remove mass, it is not needed to contain the plume in the distal areas, nor will it measurably accelerate remediation beyond MNA (which will not have the extended equipment maintenance issues) in those areas.

Reduction of toxicity, mobility, or volume through treatment – The groundwater extraction system, if operated as designed, has the potential to reduce VOC concentrations in groundwater; however, a portion of the chemicals are being transferred from groundwater into the air so the overall toxicity and volume of the contaminants is not significantly reduced. The GWETS is thus not effective in achieving a reduction in toxicity, mobility, or volume of the chemicals through treatment.

Implementability – This alternative is highly implementable as it is was previously successfully operated within the Study Area, although the on-Property groundwater treatment system would likely require replacement, as the air stripper tower is approximately 20 years old, and may require additional replacements depending on the operational period. Alternatively, discharge to the POTW (similar to the NBES and SSES) may be used if the permit can be obtained. This alternative also requires compliance with multiple discharge permits and involves weekly operation and maintenance of equipment. The installation of a new air stripper is implementable. Discharge to the POTW is also implementable.

Cost – The cost of running the groundwater extraction systems (SSES, NBES and GWETS) as currently designed is approximately $376,000 annually, plus $59,000 to repair the GWETS treatment system. The cost of groundwater monitoring is approximately $68,000 per year over the next 20 semiannual monitoring events (over the next 10 years), and an estimated $34,000 per year for annual monitoring for the monitoring conducted the following 20 years for an estimated 30-year monitoring program. The cost of well abandonment and system decommissioning is estimated to be $1 million. The total cost of this alternative is approximately $14.2 million over 30 years. The estimated costs are shown in Table 10-2. These costs are high.

Overall protection of human health and the environment – This remedial alternative removes groundwater containing VOCS above MCLs, but is not needed to prevent further migration of affected groundwater as MNA is achieving that goal. Without a formal set of vapor intrusion mitigation tools and institutional controls, Alternative 2 may not be fully protective of human health and the environment.

Compliance with ARARs – This alternative currently complies with all groundwater-related ARARs identified in the RI/FS, but, as this alternative does not include a formal vapor intrusion mitigation remedy, it does not comply with the vapor intrusion-related ARARs/TBCs presented in Section 4.

Support agency acceptance and community acceptance – Public comments and RWQCB comments were received and addressed in previous submittals. This alternative has been approved by the RWQCB.

10.1.3 Remedial Alternative 3a – Source Area ERD Followed by MNA

The general objective of this remedial alternative is to reduce tVOC concentrations in groundwater in the remnant source area enough to facilitate achievement of groundwater standards throughout the Study Area in a reasonable time frame. This would be accomplished by using ERD until it can be demonstrated that tVOC concentrations have been reduced to low enough concentrations that natural attenuation processes in groundwater will result in the prevention of plume migration, shrinkage of plume dimensions, and decreasing plume concentrations. Groundwater monitoring would then be conducted to demonstrate that natural attenuation processes in groundwater are indeed resulting in the prevention of plume migration, shrinkage of plume dimensions, and decreasing plume concentrations.

Short-term effectiveness – Destruction of VOCs in groundwater by ERD has been shown to occur quickly and is more effective than natural processes alone or pump and treat. TCE has been reduced by up to 100% while tVOC reductions as high as 99% have occurred within the treatability study area. ERD source area remediation will rapidly decrease VOC concentrations and decrease the time needed for natural attenuation to achieve remedial goals. However, a potential secondary effect of the ERD process is the generation of methane and VC as a byproduct and an intermediate daughter product, respectively. Methane has been detected in soil vapor above the action level of 10% of the lower explosive limit in some areas and methane mitigation has been implemented to control the potential hazards associated with elevated methane in soil vapor. Soil vapor monitoring results indicate that VC is not persistent and is not a vapor intrusion risk at the Sites. Based on the rapid decrease in VOC concentrations demonstrated during the ERD treatability test, short-term effectiveness is high.

Long-term effectiveness and permanence – Destruction of VOCs in groundwater by ERD has been shown to be rapid, permanent, and irreversible. Additionally, natural attenuation, which will follow ERD, also effectively and permanently destroys VOCs in groundwater through biodegradation. ERD followed by natural attenuation has been shown to be highly effective at eliminating VOC mass from groundwater, shrinking the plume dimensions, and preventing plume migration. Given the permanent VOC destruction, long-term effectiveness and permanence are very high.

Reduction of toxicity, mobility, or volume through treatment – Both ERD and natural attenuation decrease the toxicity, mobility, and volume of the VOCs through biodegradation, and are highly effective.

Implementability – The full-scale ERD treatability study and the MNA pilot study indicate that ERD technology and MNA, respectively, are implementable at the Study Area. There were practical challenges to implementing the ERD technology at the Semiconductor Property (e.g., access under an operating commercial building and installation of numerous wells on an operating facility). These challenges have been overcome through extensive coordination with the property owner and tenant. Successful coordination activities have resulted in the effective injection of carbon substrate into the identified remaining source area. Additionally, MNA monitoring has been successfully performed at the Study Area. Thus, the remedy is highly implementable.

Cost – The cost of ERD in the source area is approximately $3.8 million, which accounts for the costs to implement one additional injection event in limited areas of the Semiconductor Property. A summary of the estimated costs is included in Table 10-3.

Overall protection of human health and the environment – This remedial alternative would permanently remediate on-Property source areas and dramatically decrease groundwater concentrations. The use of and exposure to the groundwater is prohibited through institutional controls; thus, the remedy is protective of human health and the environment.

Compliance with ARARs – No additional ARARs were identified for the use of ERD and MNA in the Study Area; however, proposed RAOs are discussed in Section 5. Injection of the carbon substrate has been approved by the RWQCB.

Support agency acceptance and community acceptance – This alternative has been approved by the RWQCB, based on the approval of the full-scale ERD treatability study and MNA pilot study. Additionally, an open public comment period is required. Therefore, analysis of community acceptance will be fully assessed after comments have been received

10.1.4 Remedial Alternative 3b – Distal Plume Area MNA

The general objective of this remedial alternative is to demonstrate that natural attenuation processes in groundwater are resulting in the prevention of plume migration, shrinkage of plume dimensions, and decreasing plume concentrations. Groundwater monitoring would be conducted to demonstrate that natural attenuation processes in groundwater are continuing to result in the prevention of plume migration, shrinkage of plume dimensions, and decreasing plume concentrations.

Short-term effectiveness – Natural attenuation in the Study Area has been shown to be effective at decreasing VOC concentrations in groundwater, preventing plume migration, and shrinking the plume dimensions. Natural attenuation is as effective as groundwater extraction in halting plume migration and shrinking the plume. The total time to achieve MCLs is not expected to be significantly different under either MNA or active pump and treat; thus, similarly to the effectiveness of Alternative 2, the short-term effectiveness of Alternative 3b is low.

Long-term effectiveness and permanence – Natural attenuation effectively and permanently removes VOCs from groundwater through biodegradation, decreases VOC concentrations in groundwater, prevents plume migration, and shrinks the plume dimensions. In the long term, this alternative is expected to be highly effective. Additionally, MNA does not require the long-term O&M of any equipment (other than maintaining groundwater monitoring wells), thus making long-term effectiveness and permanence very high.

Reduction of toxicity, mobility, or volume through treatment – Natural attenuation decreases the mobility, toxicity, and volume of the VOCs through biodegradation. These processes have been highly effective in the Study Area in permanently destroying the VOCs in situ, thus reducing toxicity, mobility, and volume.

Implementability – The MNA studies indicate the current groundwater monitoring well configuration is adequate to monitor natural attenuation across the Study Area. Thus, MNA is highly implementable in the Study Area.

Cost – The cost of groundwater monitoring is approximately $74,000 per year to conduct semiannual monitoring over the next 10 years, and an estimated $36,000 per year for annual monitoring for the monitoring conducted the following 5 years for an estimated 15-year monitoring program. The total cost of

this alternative over 15 years is approximately $928,000. A summary of the estimated costs is included in Table 10-3.

Overall protection of human health and the environment – VOCs will be permanently destroyed in situ over time. The use of and exposure to the groundwater is prohibited through institutional controls; thus, the remedy is protective of human health and the environment.

Compliance with ARARs – No additional ARARs were identified for the use of MNA in the Study Area; however, the MNA is compliant with the groundwater RAOs provided in Section 5.

Support agency acceptance and community acceptance – This alternative has the ability to be approved by the RWQCB, based on the approval of the MNA pilot studies. Additionally, an open public comment period is required. Therefore, analysis of community acceptance will be fully assessed after comments have been received.

10.1.5 Remedial Alternative 3c – Vapor Intrusion Mitigation Tools

The general objective of this remedial alternative is to prevent vapor intrusion into commercial and residential buildings within the Study Area that result in indoor air VOC concentrations in excess of the respective screening levels for residential and commercial buildings. Commercial and residential building mitigation to date has been implemented, as needed, based on the property, stakeholder, and/or building-specific characteristics. The set of vapor intrusion mitigation tools implemented to date and the mitigation tools reasonably anticipated within the Study Area together comprise the proposed set of vapor intrusion mitigation tools.

For this alternative, the mitigation tools implemented to date, including SVE methane mitigation system and the residential sub-membrane depressurization systems, would continue to operate, and technologies from the set vapor intrusion mitigation tools would be implemented as needed.

Soil vapor and indoor air monitoring would be conducted to demonstrate that the implemented vapor intrusion technologies are successful in preventing vapor intrusion into buildings in excess of the respective screening levels.

Short-term effectiveness – The implementation of the various vapor intrusion mitigation tools in the Study Area has been shown to be effective in preventing vapor intrusion into buildings in excess of the respective screening levels. The existing systems have been effective at mitigating vapor intrusion, and thereby reducing concentrations of VOCs indoors, in a short time following implementation. Therefore, the short-term effectiveness is high.

Long-term effectiveness and permanence – In the long term, active vapor intrusion mitigation systems will require regular maintenance and passive vapor intrusion mitigation systems may require periodic inspection. However, when implemented in combination with institutional controls for the Sites, both types of mitigation tools are expected to be highly effective and permanent in the long-term.

Reduction of toxicity, mobility, or volume through treatment – By preventing vapor intrusion of VOCs into commercial and residential buildings, the vapor intrusion mitigation tools are highly effective at reducing the mobility of the VOCs. However, the tools are not effective at reducing the overall toxicity and volume of the contaminants through treatment.

Implementability – This alternative is highly implementable, as various types of vapor intrusion mitigation tools have already been implemented in the Study Area. Implementation of the tools may require property owner/tenant access agreements and/or minor infrastructure modifications to install the components of the mitigation system. However, with proper design and management, both active and passive vapor intrusion mitigation tools are highly implementable and can also be readily modified.

Cost – The costs to install and maintain each of the proposed vapor mitigation tools for 10 years range from approximately $5,200 to $329,000 depending on the type of system installed. The overall costs over a 10 year period has been estimated to be $4.4 million, assuming a variety of vapor intrusion mitigation tools are implemented for commercial and residential buildings. A summary of the estimated costs is included in Table 10-3.

Overall protection of human health and the environment – This remedial alternative prevents migration of soil vapor containing VOCS above screening levels into commercial and residential buildings, thereby preventing exposure to soil vapor in excess of the respective screening levels. Thus, this alternative is protective of human health and the environment.

Compliance with ARARs –The proposed vapor intrusion mitigation tools are compliant with the vapor-related ARARs/TBCs presented in Section 4, as well as with the RAOs presented in Section 5.

Support agency acceptance and community acceptance – This alternative has the ability to be approved by the RWQCB, based on the effectiveness shown by the existing systems in preventing vapor intrusion into buildings. Additionally, an open public comment period is required. Therefore, analysis of community acceptance will be fully assessed after comments have been received.

10.1.6 Remedial Alternative 3d – Institutional Controls

The general objective of this remedial alternative is to limit or eliminate potential human exposure at the Sites and protect the integrity of implemented remedies. Various proprietary controls, governmental controls, enforcement and permit tools, and informational devices are all included in the proposed set of institutional controls for the Sites. Institutional controls already in place for the Sites include deed restrictions, groundwater well permit restrictions, and O&M plans to operate active systems. The proposed set of institutional controls can be combined and applied in parallel with other remedial technologies in order to support achievement of RAOs.

Short-term effectiveness – Once implemented, the various institutional controls are immediately effective at limiting or eliminating potential exposure to groundwater and vapor at the Sites. Thus, the short-term effectiveness of institutional controls is high.

Long-term effectiveness and permanence – Many of the proposed institutional controls, such as deed restrictions, governmental permitting restrictions, consent decrees and recorded notices, focus on limiting or eliminating exposure over the long-term lifecycle of the project. As such, the long-term effectiveness and permanence of institutional controls is high.

Reduction of toxicity, mobility, or volume through treatment – Institutional controls can be implemented in parallel with other remedial technologies, but on their own, they do not reduce the toxicity, mobility or volume of the COCs through treatment. As such, the reduction of toxicity, mobility and volume is low.

Implementability – Many of the proposed institutional controls have already been implemented at the Sites; however, others may require negotiations with the agencies, stakeholders, and/or the public. As such, thus the implementability of the proposed set of institutional controls is moderate to high.

Cost – The cost to establish and maintain each of the proposed institutional controls (not including those already established) ranges from $1,600 to $58,000. The overall costs over a 10 year period has been estimated to be $108,000, assuming a variety of institutional controls are implemented throughout the Study Area. A summary of the estimated costs is included in Table 10-3.

Overall protection of human health and the environment – As noted above, the general objective of institutional controls is to limit or eliminate potential human exposure and protect the integrity of the implemented remedies. Thus, on their own, institutional controls are highly protective of human health, and when implemented in parallel with other remedial technologies, can be highly protective of the environment as well.

Compliance with ARARs – The proposed institutional controls are compliant with the ARARs/TBCs presented in Section 4, as well as with the groundwater and vapor-related RAOs provided in Section 5.

Support agency acceptance and community acceptance – This alternative has the ability to be approved by the RWQCB, based on the effectiveness shown by the institutional controls previously implemented. Additionally, an open public comment period is required. Therefore, analysis of community acceptance will be fully assessed after comments have been received.

10.1.7 Comparison of Remedial Alternatives

To compare the three proposed remedial alternatives ([1] No Action, [2] Groundwater Extraction and Treatment, and [3] Source Area Enhanced Reductive Dechlorination to be Followed by MNA, Distal Plume Area MNA, Vapor Intrusion Mitigation Tools, and Institutional Controls), each alternative will be evaluated against the existing groundwater extraction using the nine USEPA evaluation criteria.

Short-term effectiveness – Groundwater extraction in the Study Area has historically been shown to be effective in preventing plume migration and decreasing VOC concentrations.

ERD has been shown to be much more effective than groundwater extraction and treatment in rapidly remediating groundwater within the remnant source area. The ERD pilot study and full-scale ERD treatability study have demonstrated the ability to reduce TCE concentrations to non-detect (100% reductions in TCE) within 1 to 4 years, with tVOC concentration reductions as high as 99% over the same time period. Conversely, the pump-and-treat system did not eliminate or dramatically reduce VOC concentrations in the remnant source area during a nearly 20-year operating period.

If compared to a time frame similar for ERD to achieve remedial goals (estimated at 6 years of operation), the pump-and-treat system is shown to be substantially less effective than ERD, as follows:

- 28% tVOC reduction was observed in shallow-zone extraction well RA-1 between September 2003 and November 2005 (from 180.3 micrograms per liter [µg/L] to 129.5 µg/L)
- 11% tVOC reduction was observed in intermediate-zone extraction well T-32I between September 2003 and November 2005 (from 1,210 µg/L to 1,079 µg/L).

This simple comparison documents the ineffective nature of pump-and-treat systems when compared to ERD processes, and the long time periods (up to 160 years) that are needed for pump and treat to achieve remedial goals. It is widely documented that ERD processes can fully remediate VOC-affected groundwater (ITRC 2007, 2008; Bradley 2003), and the pilot study has mirrored published and peer-reviewed results showing classic ERD chemical, physical, and geochemical reactions.

In addition, MNA is currently just as effective as groundwater extraction at plume control and decreasing the plume size in the distal areas of the Sites. Section 7 of this report documents that, for the distal areas of affected groundwater, extraction and treatment has been shown to be no more effective than MNA in either plume control or mass removal. Based on the areas calculated within the isoconcentration contours north of Highway 101 (i.e., the extent of the Sites-related plume in the NBA in 2000, 2005, 2010, and 2015), an average of 3% of the plume mass is removed annually through MNA processes. The updated MNA analysis also indicated similar remaining extended time periods needed for either pump and treat or MNA to achieve remedial goals over the long term. MNA is expected to be equally effective on the Semiconductor Property once the remnant source area has been remediated.

Furthermore, taking no action would not be more effective at plume removal than MNA.

Vapor intrusion mitigation tools and institutional controls have proven to be highly effective in the short-term in preventing vapor intrusion into commercial and residential buildings in excess of the respective screening levels and limiting or eliminating exposure to COCs.

Overall, both Alternative 1 (No Action) and Alternative 2 (Groundwater Extraction and Treatment) are ineffective in achieving the remedial goals in the short term. In addition, extraction and treatment is not necessary to prevent further plume migration because MNA provides the same benefit.

Alternative 3a (ERD followed by MNA) will rapidly reduce VOC concentrations in the remnant source area by as much as 100%, and will be more effective than groundwater extraction and treatment in achieving final remedial goals in the short term.

Alternative 3b (MNA) is effective in preventing further plume migration, permanently destroying COCs, and shrinking the plume. MNA will likely achieve the remedial goals for the Sites within a similar time frame as groundwater extraction and treatment.

Alternative 3c (Vapor intrusion mitigation) has proven to be highly effective in the short-term in preventing vapor from migrating into commercial and residential buildings in excess of the respective screening levels, as demonstrated by post-mitigation indoor air sampling conducted in both commercial and residential buildings.

Alternative 3d (Institutional Controls) has proven to be highly effective in the short-term in limiting or eliminating exposure to COCs and protecting the integrity of implemented remedies, as demonstrated by the implementation of deed restrictions, well-permit restrictions and O&M of existing systems.

Long-term effectiveness and permanence – Two of the three alternatives (Alternative 2 and Alternative 3) demonstrate long-term effectiveness and permanence. However, Alternative 2 relies on the continued effective operation, maintenance, and periodic replacement of the GWETS components for effectiveness, whereas Alternative 3 will require no physical operation of extraction or treatment systems, other than periodic maintenance of vapor intrusion mitigation systems that are in place as interim measures until

vapor intrusion is no longer a concern (anticipated within the next 10 years). Biodegradation permanently coverts the COCs into less toxic chemicals, and the vapor intrusion and institutional controls will prevent exposure to COCs in the long-term, thus Alternative 3 provides a higher degree of long-term effectiveness and permanence. Alternative 1 relies solely on natural attenuation both for the distal plume as well as the source area, and does not guarantee that groundwater in the source area containing VOCs above MCLs would not migrate out to the distal plume.

Reduction of toxicity, mobility, or volume through treatment – Alternative 1 removes VOC-affected groundwater solely through natural attenuation both in the distal plume and the source area. Alternative 2 hydraulically removes VOC-affected groundwater, effectively reducing the mobility and volume of chemicals within groundwater, but does not reduce the toxicity of the VOCs as they are transferred to other media.

MNA and ERD reduce the mass of VOCs within the plume through biodegradation, thus effectively reducing toxicity, mobility, and volume of the chemicals within groundwater. Vapor intrusion mitigation tools prevent migration of vapor into commercial and residential buildings in excess of the respective screening levels, thereby reducing mobility, but do not reduce the toxicity or volume of the VOCs. Similarly, institutional controls aid in the reduction of mobility, but do not reduce toxicity or volume of VOCs.

As a whole, Alternatives 1 and 2 provide less benefit than Alternative 3, which is more effective than extraction and treatment in reducing toxicity, mobility, and volume through in situ processes.

Implementability – The three remedies have been demonstrated to be implementable. Alternative 1 is based on terminating all operations on-Property and off-Property, Alternative 2 is based on existing remedies, and Alternative 3 is based on the full-scale ERD treatability study and the MNA pilot study, as well as vapor intrusion mitigation tools and institutional controls, already implemented in the Study Area.

Cost – There is very little immediate cost associated with Alternative 1; however, future costs for well abandonment and system deconstruction could be moderate.

Assuming the existing groundwater pump-and-treat system is run for an additional 30 years, the cost of Alternative 2 is estimated to be approximately $14.2 million.

Estimated cost Alternative 3 is approximately $10.2 million, which is expected over 10-year life cycle. The total estimated cost of Alternatives 3a and 3b, including groundwater monitoring, is estimated to be $4.7 million. The estimated cost of Alternative 3c (Vapor Intrusion Mitigation Tools) would be approximately $4.4 million, and the estimated cost of Alternative 3d (Institutional Controls) is approximately $108,000. The cost of well abandonment and system decommissioning is estimated to be $1 million.

Overall protection of human health and the environment – Only Alternative 3, with a formal set of vapor intrusion mitigation tools and institutional controls preventing human health exposure, would fully protect human health. Alternative 2 (Groundwater Extraction and Treatment) would only transfer chemicals from groundwater to either carbon or the air, while Alternative 3 (ERD and MNA) would permanently destroy the chemicals without transfer, providing better long-term overall protection of human health and the environment. Alternative 1 cannot be assumed to protect human health and the environment.

Compliance with ARARs – Alternative 1 would not comply with all ARARs/TBCs identified in the RI/FS and presented in Section 4 above. Alternative 2 currently complies with all ARARs identified in the RI/FS, but does not comply with the vapor intrusion-related ARARs/TBCs presented in Section 4. Alternative 3 complies with all identified ARARs/TBCs.

Support agency acceptance and community acceptance – Alternative 2 currently has regulatory agency and community acceptance. Alternative 3 also has acceptance from the regulatory agency, based on approval of MNA and ERD pilot studies, approval of the full-scale ERD implementation, and approval of vapor intrusion mitigation tools and institutional controls implemented to date. Community acceptance would be fully assessed after comments to this document are received. Alternative 1 has not been approved by either the RWQCB or the community, and the status of both will be fully assessed after comments to this document are received.

10.2 Summary of Feasibility Study Results

Alternative 1 does not meet the USEPA remedial selection criteria. Alternative 2 includes the current groundwater remedial strategy for the Sites, groundwater extraction and treatment. Although this remedy meets the FS evaluation criteria for long-term effectiveness, reduction of toxicity, mobility, or volume through treatment, implementability, and agency and community acceptance, it does not meet the criteria for short-term effectiveness, compliance with ARARs, and overall protection of human health, and is not cost effective when compared to Alternative 3. Additionally, it is not a necessary measure to prevent further plume migration in the NBA because natural attenuation provides the same benefit.

Several advances in remediation technology have occurred since the current remedy was selected, including advances in in situ biological treatment, including ERD, of VOCs in groundwater. ERD technology has been shown to offer comparable or superior treatment performance and implementability with fewer or lesser adverse impacts than ex situ groundwater treatment technologies, and has been shown to be an extremely effective treatment technology at the Sites through implementation of the full-scale ERD treatability study. Additionally, geochemical conditions conducive to natural attenuation of VOCs are present within the Study Area and have been shown to be at least as effective as pump and treat for maintaining stable plume conditions. As such, Alternative 3 includes source area ERD followed by MNA and distal plume MNA, as well as vapor intrusion mitigation tools and institutional controls to prevent vapor intrusion into commercial and residential buildings in excess of the respective screening levels, limit or eliminate human health exposure to COCs and protect the integrity of the implemented remedies. Similarly to ERD and MNA at the Sites, various vapor intrusion mitigation tools and institutional controls already implemented at the Sites have been shown to be highly effective. Alternative 3 meets eight of the nine FS evaluation criteria and provides the most efficient remedial approach for the Study Area. The ninth evaluation criteria (community acceptance) will be evaluated as part of the public comment period that is required as part of the remedial alternative selection process.

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TABLES

Table 2-1
Data Summary for Residential Indoor Air Sample Results
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

(concentrations reported in micrograms per cubic meter)

Sample ID	Sample Date	Sample Type	Sample Type[1]	TCE	cis-1,2-DCE	VC	PCE	trans-1,2-DCE	1,1-DCA	1,2-DCB	1,1,1-TCA	Chloroform	Freon 113
Tier 1 - Comparison to Background/Outdoor Ambient Air													
SSRB3-OA-5**	10/27/2010	OA	Summa (1)	<0.38	<0.28	<0.089	<0.47	<1.4	<0.28	<0.42	<0.38	<0.34	0.62
SSRB11-OA-22	12/14/2010	OA	Summa (1)	<0.19	<0.14	<0.045	<0.24	<0.69	<0.14	<0.21	<0.19	0.22	0.77
SSRB11-OA-22-EPA	12/14/2010	OA	Summa (1)	<0.4 J,Q2	<0.3 J,Q2	<0.19 J,Q2	<0.51 J,Q2	<0.3 C1	<0.3 J,Q2	<0.45 J,Q2	<0.41 J,Q2	<0.37 J,Q2	0.3 C1,J,Q2
SSRB11-OA-23	12/14/2010	OA	Summa (1)	<0.2	<0.14	<0.047	<0.25	<0.72	<0.15	<0.22	<0.2	<0.18	0.54
SSRB8-OA-30	12/15/2010	OA	Summa (1)	<0.19	<0.14	<0.045	<0.24	<0.69	<0.14	<0.21	<0.19	<0.17	0.53
SSRB9-OA-36	12/15/2010	OA	Summa (1)	0.92	<0.14	<0.047	<0.25	3	<0.15	<0.22	<0.2	<0.18	0.59
SSRB9-OA-42	12/16/2010	OA	Summa (1)	1.2	<0.14	<0.044	<0.23	<0.68	<0.14	<0.2	<0.19	0.26	0.63
SSRB-13-50	9/1/2011	OA	Summa (1)	<0.18	<0.14	<0.044	<0.23	<0.68	<0.14	<0.21	<0.19	0.18	0.5
NBRB-15-OA-56	7/18/2013	OA	Summa (1)	<0.18	<0.13	<0.043	<0.23	<0.67	<0.14	<0.20	<0.18	0.26	0.58
SSRB3-OA-57	2/18/2014	OA	Passive (14)	<0.078	<0.086	<0.24	<0.091	<0.18	<0.085	<0.092	<0.086	0.09	NA
SSRB16-OA-77	2/18/2014	OA	Passive (14)	<0.079	<0.087	<0.24	<0.092	<0.18	<0.086	<0.094	<0.088	0.083	NA
SSRB17-OA-80	2/24/2014	OA	Passive (14)	<0.079	<0.087	<0.24	<0.092	<0.18	<0.086	<0.094	<0.087	0.093	NA
SSRB5-OA-94	3/7/2014	OA	Passive (17)	<0.064	<0.071	<0.20	<0.075	<0.15	<0.070	<0.077	<0.072	0.071	NA
SSRB20-OA-97	3/11/2014	OA	Passive (13)	<0.081	<0.090	<0.25	<0.095	<0.19	<0.089	<0.097	<0.090	<0.075	NA
SSRB6-OA-100	5/20/2014	OA	Passive (14)	<0.074	<0.082 C	<0.23 C	<0.086	<0.17 C	<0.081 C	<0.088 C	<0.082	<0.068	NA
SSRB18-OA-105	6/3/2014	OA	Passive (14)	<0.074	<0.082 C	<0.23 C	<0.087	<0.17 C	<0.081 C	<0.088 C	<0.083	0.080	NA
SSRB16-OA-108	6/19/2014	OA	Passive (16)	<0.065	<0.071 C	<0.20 C	<0.076	<0.15 C	<0.071 C	<0.077 C	<0.072	<0.060	NA
SSRB3-OA-115	10/23/2014	OA	Passive (14)	<0.074	<0.082 UJ	<0.23 UJ	<0.087	<0.17 UJ	<0.081 UJ	<0.088 UJ	<0.082	0.10	NA
SSRB11-OA-119	11/4/2014	OA	Passive (14)	<0.075	<0.083 UJ	<0.23 UJ	<0.088	<0.17 UJ	<0.082 UJ	<0.089 UJ	<0.083	0.14	NA
SSRB8-OA-124	1/26/2015	OA	Passive (13)	<0.083	<0.092 C	<0.26 C	0.11	<0.19 C	<0.091 C	<0.099 C	<0.093	0.14	NA
SSRB16-OA-127	2/9/2015	OA	Passive (14)	0.080	<0.084 C	<0.23 C	<0.089	<0.17 C	<0.083 C	<0.090 C	<0.084	0.14	NA
SSRB23-OA-132	2/12/2015	OA	Passive (14)	<0.076	<0.084 C	<0.23 C	<0.089	<0.17 C	<0.083 C	<0.090 C	<0.084	0.13	NA
SSRB26-OA-137	2/25/2015	OA	Passive (13)	<0.082	<0.091 C	<0.25 C	<0.096	<0.19 C	<0.090 C	<0.098 C	<0.091	0.17	NA
SSRB11-OA-142	3/19/2015	OA	Passive (16)	<0.066	<0.073 C	<0.20 C	<0.077	<0.15 C	<0.072 C	<0.079 C	<0.074	0.10	NA
SSRB27-OA-145	3/31/2015	OA	Passive (14)	<0.075	<0.083 C	<0.23 C	<0.088	<0.17 C	<0.082 C	<0.089 C	<0.084	0.11	NA
SSRB-21-OA-150	7/13/2015	OA	Passive (13)	<0.079	<0.088 C	<0.24 C	<0.093	<0.18 C	<0.087 C	<0.094 C	<0.088	<0.073	NA
SSRB-27-OA-152	7/27/2015	OA	Passive (14)	<0.073	<0.081 C	<0.22 C	<0.086	<0.17 C	<0.080 C	<0.087 C	<0.081	0.085	NA
SSRB-29-OA-159	8/10/2015	OA	Passive (14)	<0.073	<0.081 C	<0.22 C	<0.086	<0.17 C	<0.080 C	<0.087 C	<0.082	0.095	NA
SSRB-23-OA-162	12/15/2015	OA	Passive (14)	<0.078	<0.086 C	<0.24 C	<0.091	<0.18 C	<0.085 C	<0.092 C	<0.086	0.11	NA
Tier 2 - Comparison to Long-Term Health Risk-Based Screening Criteria													
Residential Screening Level (November 2015)[2,7]				0.48	NA	0.17	0.4	NA	1.8	210	5,200	0.12	31,000
Tier 3 - Comparison to Short-Term Health Risk-Based Screening Criteria													
Acute Screening Level (September 2015)[3]				NA	793*	1,278	41	793	NA	NA	10,914	488	NA
Short-Term Screening Levels (September 2015)[3]				2	793*	77	41	793	NA	NA	3,820	244	NA
Interim Indoor Short-Term Response Action Levels[4]				2	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2-1
Data Summary for Residential Indoor Air Sample Results
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

(concentrations reported in micrograms per cubic meter)

Sample ID	Sample Date	Sample Type	Sample Type[1]	TCE	cis-1,2-DCE	VC	PCE	trans-1,2-DCE	1,1-DCA	1,2-DCB	1,1,1-TCA	Chloroform	Freon 113
Indoor Air Sample Results													
SSRB1-IA-1	10/27/2010	LR	Summa (1)	<0.22	<0.16	<0.053	0.63	<0.82	<0.17	<0.25	<0.22	0.58	0.58
SSRB1-IA-71	2/18/2014	LR	Passive (14)	0.29	<0.087	<0.24	0.19	<0.18	<0.086	<0.093	<0.087	0.32	NA
SSRB1-IA-2	10/27/2010	CS	Summa (1)	<0.17	<0.12	<0.04	<0.21	<0.63	<0.13	<0.19	<0.17	0.3	0.62
SSRB1-IA-72	2/18/2014	CS	Passive (14)	0.088	<0.087	<0.24	0.12	<0.18	<0.086	<0.093	<0.087	0.087	NA
SSRB2-IA-3	10/27/2010	LR***	Summa (1)	0.23	<0.1	<0.033	<0.18	<0.52	<0.1	<0.16	<0.14	1.5	0.99
SSRB2-IA-4	10/27/2010	CS	Summa (1)	0.22	<0.13	<0.041	<0.22	<0.64	<0.13	<0.19	<0.18	0.28	0.57
SSRB3-IA-6**	10/27/2010	LR	Summa (1)	<0.41	<0.3	<0.098	<0.52	<1.5	<0.31	2	<0.42	2.5	0.7
SSRB3-IA-6-EPA	10/27/2010	LR***	Summa (1)	0.22 C1,J	<0.2	<0.13	0.23 C1,J	<0.2	<0.2	3.5	<0.27	3.1	0.61
SSRB3-IA-58	2/18/2014	LR	Passive (14)	0.22	<0.086	<0.24	0.31	<0.18	<0.085	<0.093	<0.087	2.7	NA
SSRB3-IA-112	10/23/2014	LR	Passive (14)	0.28	<0.082 UJ	<0.23 UJ	0.21	<0.17 UJ	<0.081 UJ	<0.088 UJ	<0.082	1.1	NA
SSRB3-IA-113 (duplicate to IA-112)	10/23/2014	LR	Passive (14)	0.33	<0.082 UJ	<0.23 UJ	0.25	<0.17 UJ	<0.081 UJ	<0.088 UJ	<0.082	1.2	NA
SSRB3-IA-7	10/27/2010	CS***	Summa (1)	0.36	<0.11	<0.034	<0.18	<0.53	<0.11	<0.16	<0.15	0.32	1.2
SSRB3-IA-7-EPACS	10/27/2010	CS***	Summa (1)	0.4	<0.2	<0.13	0.25 C1,J	<0.2	<0.2	<0.3	<0.27	0.37	0.69
SSRB3-IA-59	2/18/2014	CS	Passive (14)	0.28	<0.086	<0.24	0.11	<0.18	<0.085	<0.093	<0.087	0.11	NA
SSRB3-CS-114	10/23/2014	CS	Passive (14)	0.45	<0.082 UJ	<0.23 UJ	0.15	<0.17 UJ	<0.081 UJ	<0.088 UJ	<0.082	0.14	NA
SSRB4-IA-8	10/27/2010	LR	Summa (1)	<0.16	<0.12	<0.039	<0.21	<0.6	<0.12	<0.18	<0.16	1.4	0.55
SSRB4-IA-8-EPA	10/27/2010	LR***	Summa (1)	<0.27	<0.2	<0.13	<0.34	<0.2	<0.2	<0.3	<0.27	2.4	0.56
SSRB4-IA-9	10/27/2010	CS	Summa (1)	<0.2	<0.14	<0.047	<0.25	<0.72	<0.15	<0.22	<0.2	0.51	1
SSRB4-IA-9-EPACS	10/27/2010	CS***	Summa (1)	<0.27	<0.2	<0.13	<0.34	<0.2	<0.2	<0.3	<0.27	0.3	0.57
SSRB5-IA-10	10/27/2010	LR	Summa (1)	0.16	<0.12	<0.037	<0.2	<0.58	<0.12	<0.18	<0.16	1.1	0.99
SSRB5-IA-92	3/7/2014	LR	Passive (17)	0.13	<0.071	<0.20	<0.075	<0.15	<0.070	<0.076	<0.072	0.72	NA
SSRB5-IA-11	10/27/2010	CS	Summa (1)	0.2	<0.12	<0.04	<0.21	<0.61	<0.12	<0.19	<0.17	0.33	0.65
SSRB5-IA-93	3/7/2014	CS	Passive (17)	0.14	<0.071	<0.20	<0.075	<0.15	<0.070	<0.076	<0.072	0.080	NA
SSRB6-IA-12	10/27/2010	LR	Summa (1)	1.2	<0.14	<0.045	0.24	<0.69	<0.14	<0.21	0.19	0.54	0.71
SSRB6-IA-34	12/15/2010	LR	Summa (1)	1.8	<0.15	<0.048	0.28	<0.74	<0.15	<0.22	0.2	0.5	0.54
SSRB6-IA-60	2/18/2014	LR	Passive (14)	0.69	<0.086	<0.24	0.22	<0.18	<0.085	<0.092	0.2	0.7	NA
SSRB6-IA-98	5/20/2014	LR[6]	Passive (14)	0.17	<0.082 C	<0.23 C	0.11	<0.17 C	<0.081 C	<0.088 C	0.15	1.3	NA
SSRB6-IA-13	10/27/2010	CS***	Summa (1)	0.81	<0.1	<0.034	<0.18	<0.52	<0.11	<0.16	<0.14	0.34	0.65
SSRB6-IA-35	12/15/2010	CS	Summa (1)	0.75	<0.14	<0.044	<0.23	<0.68	<0.14	<0.2	<0.19	0.18	0.55
SSRB6-IA-61	2/18/2014	CS	Passive (14)	0.47	<0.086	<0.24	<0.091	<0.18	<0.085	<0.092	<0.086	0.099	NA
SSRB6-CS-99	5/20/2014	CS[6]	Passive (14)	0.075	<0.082 C	<0.23 C	<0.086	<0.17 C	<0.081 C	<0.088 C	<0.082	0.11	NA
SSRB7-IA-14	10/27/2010	LR	Summa (1)	0.98	<0.11	<0.037	0.46	<0.57	<0.12	<0.17	0.74	1.2	0.7
SSRB7-IA-46	12/16/2010	LR	Summa (1)	1.2	<0.14	<0.045	0.52	<0.69	<0.14	<0.21	4.3	0.9	0.56
SSRB7-IA-15	10/27/2010	CS	Summa (1)	1.2	<0.11	<0.036	<0.19	<0.55	<0.11	<0.17	<0.15	0.32	0.73
SSRB7-IA-47	12/16/2010	CS	Summa (1)	0.88	<0.12	<0.04	<0.21	<0.63	<0.13	<0.19	<0.17	0.27	0.54

Table 2-1
Data Summary for Residential Indoor Air Sample Results
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

(concentrations reported in micrograms per cubic meter)

Sample ID	Sample Date	Sample Type	Sample Type[1]	TCE	cis-1,2-DCE	VC	PCE	trans-1,2-DCE	1,1-DCA	1,2-DCB	1,1,1-TCA	Chloroform	Freon 113
SSRB8-IA-16	10/27/2010	LR	Summa (1)	1.8	<0.13	<0.043	<0.23	<0.67	<0.14	<0.2	1.9	3.7	0.79
SSRB8-IA-16-EPA	10/27/2010	LR***	Summa (1)	1.8	<0.2	<0.13	0.32 C1,J	<0.2	<0.2	<0.3	1.9	3.2 RE2	0.7
SSRB8-IA-31	12/15/2010	LR	Summa (1)	1.3	<0.14	<0.047	3.9	<0.72	<0.15	<0.22	2.8	2.8	0.64
SSRB8-IA-31-EPA	12/15/2010	LR***	Summa (1)	0.78 J,Q2	<0.25 J,Q2	<0.16 J,Q2	4.2 J,Q2	0.13 J,C1	<0.25 J,Q2	<0.38 J,Q2	2.8 J,Q2	2.3 J,Q2	0.33 Q2,C1,J
SSRB8-IA-73	2/18/2014	LR	Passive (14)	2.9	<0.087	<0.24	0.17	<0.18	<0.086	<0.094	1.5	1.3	NA
SSRB8-IA-101	5/20/2014	LR[6]	Passive (14)	0.66	<0.082 C	<0.23 C	<0.087	<0.17 C	<0.081 C	<0.088 C	2.9	1.2	NA
SSRB8-IA-122	1/26/2015	LR[8]	Passive (13)	0.17	<0.092 C	<0.26 C	0.13	<0.19 C	<0.091 C	<0.099 C	<0.093	1.4	NA
SSRB-8-IA-167	12/15/2015	LR[8]	Passive (14)	0.14	<0.086 C	<0.24 C	0.75	0.20 C	<0.085 C	<0.093 C	<0.087	1.5	NA
SSRB8-IA-17	10/27/2010	CS***	Summa (1)	0.8	<0.1	<0.033	0.19	<0.52	<0.1	<0.16	<0.14	0.42	0.68
SSRB8-IA-17-EPACS	10/27/2010	CS***	Summa (1)	0.95	0.14 C1 J	<0.13	0.34	<0.2	<0.2	<0.3	<0.27	0.44	0.59
SSRB8-IA-32	12/15/2010	CS	Summa (1)	0.59	<0.13	<0.041	<0.22	<0.64	<0.13	<0.19	<0.18	0.17	0.74
SSRB8-IA-32-CSEPA	12/15/2010	CS***	Summa (1)	<0.27 J,Q2	<0.2 J,Q2	<0.13 J,Q2	<0.34 J,Q2	<0.2 U	<0.2 J,Q2	<0.3 J,Q2	<0.27 J,Q2	<0.24 J,Q2	0.29 C1,J,Q2
SSRB8-IA-74	2/18/2014	CS	Passive (14)	0.48	<0.087	<0.24	0.098	<0.18	<0.086	<0.094	<0.088	0.098	NA
SSRB8-CS-102	5/20/2014	CS[6]	Passive (14)	<0.074	<0.082 C	<0.23 C	<0.087	<0.17 C	<0.081 C	<0.088 C	<0.082	0.12	NA
SSRB8-IA-123	1/26/2015	CS[8]	Passive (13)	<0.083	<0.092 C	<0.26 C	0.098	<0.19 C	<0.091 C	<0.099 C	<0.093	0.15	NA
SSRB-8-IA-168	12/15/2015	CS[8]	Passive (14)	<0.078	<0.086 C	<0.24 C	<0.091	0.21 C	<0.085 C	<0.093 C	<0.087	0.13	NA
SSRB8-IA-33	12/15/2010	BR	Summa (1)	1.2	<0.14	<0.046	4.8	<0.71	<0.14	<0.22	2.2	8.4	0.6
SSRB9-IA-18	10/27/2010	LR	Summa (1)	0.56	<0.11	<0.035	0.19	<0.54	<0.11	<0.16	<0.15	1.7	0.71
SSRB9-IA-37	12/16/2010	LR	Summa (1)	0.84	<0.16	<0.053	0.32	<0.82	<0.17	<0.25	<0.22	1.3	0.58
SSRB9-IA-43	12/16/2010	LR	Summa (1)	0.82	<0.14	<0.047	0.26	<0.72	<0.15	<0.22	<0.2	1.2	0.6
SSRB9-IA-69	2/18/2014	LR	Passive (14)	<0.078	<0.086	<0.24	0.18	<0.18	<0.086	<0.093	<0.087	0.59	NA
SSRB9-IA-19	10/27/2010	CS***	Summa (1)	0.95	<0.1	<0.033	<0.18	<0.52	<0.1	<0.16	<0.14	0.28	0.97
SSRB9-IA-38	12/15/2010	CS	Summa (1)	0.89	<0.14	<0.046	<0.24	<0.71	<0.14	<0.22	<0.2	<0.17	0.6
SSRB9-IA-44	12/16/2010	CS	Summa (1)	1.3	<0.13	<0.042	<0.22	<0.65	<0.13	<0.2	<0.18	0.26	0.65
SSRB9-IA-70	2/18/2014	CS	Passive (14)	<0.078	<0.086	<0.24	<0.092	<0.18	<0.086	<0.093	<0.087	0.11	NA
SSRB9-IA-39	12/15/2010	GR	Summa (1)	0.43	<0.14	<0.047	<0.25	<0.72	<0.15	<0.22	0.91	<0.18	<0.28
SSRB9-IA-45	12/16/2010	GR	Summa (1)	0.84	<0.14	<0.047	1.4	<0.72	<0.15	<0.22	0.48	0.3	0.56
SSRB10-IA-20	12/14/2010	LR	Summa (1)	0.53	<0.15	<0.049	0.33	<0.76	<0.15	<0.23	<0.21	3.2	0.59
SSRB10-IA-20-EPA	12/14/2010	LR***	Summa (1)	0.27 J,Q2	<0.2 J,Q2	<0.13 J,Q2	0.29 C1,J,Q2	<0.2 U	<0.2 J,Q2,U	<0.3 J,Q2	<0.27 J,Q2,U	2.1 J,Q2	0.29 C1,J,Q2
SSRB10-IA-21	12/14/2010	CS	Summa (1)	0.84	<0.15	<0.049	<0.26	<0.76	<0.15	<0.23	<0.21	<0.19	0.56
SSRB10-IA-21-CSEPA	12/14/2010	CS	Summa (1)	0.57 J,Q2	<0.33 J,Q2	<0.21 J,Q2	<0.56 J,Q2	<0.33 U	<0.34 J,Q2	<0.5 J,Q2	<0.45 J,Q2	<0.41 J,Q2	0.32 C1,J,Q2

Table 2-1
Data Summary for Residential Indoor Air Sample Results
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

(concentrations reported in micrograms per cubic meter)

Sample ID	Sample Date	Sample Type	Sample Type[1]	TCE	cis-1,2-DCE	VC	PCE	trans-1,2-DCE	1,1-DCA	1,2-DCB	1,1,1-TCA	Chloroform	Freon 113
SSRB11-IA-24	12/14/2010	LR***	Summa (1)	0.31	<0.1	<0.034	0.19	<0.52	<0.11	<0.16	<0.14	0.83	0.71
SSRB11-IA-24-EPA	12/14/2010	LR	Summa (1)	0.21 C1,J,Q2	<0.3 J,Q2	<0.19 J,Q2	<0.51 J,Q2	<0.3 U	<0.3 J,Q2	<0.45 J,Q2	<0.41 J,Q2	0.53 J,Q2	0.3 Q2,C1,J
SSRB11-IA-66	2/18/2014	LR	Passive (14)	0.33	<0.086	<0.24	0.12	<0.18	<0.086	<0.093	<0.087	0.44	NA
SSRB11-IA-116	11/4/2014	LR	Passive (14)	0.66	<0.083 UJ	<0.23 UJ	0.25	<0.17 UJ	<0.082 UJ	<0.089 UJ	<0.083	0.36	NA
SSRB11-IA-118	11/4/2014	LR	Passive (14)	0.68	<0.083 UJ	<0.23 UJ	0.26	<0.17 UJ	<0.082 UJ	<0.089 UJ	<0.083	0.44	NA
SSRB11-IA-139	3/19/2015	LR[8]	Passive (16)	0.079	<0.073 C	<0.20 C	<0.077	<0.15 C	<0.072 C	<0.079 C	<0.074	0.57	NA
SSRB11-IA-140 (duplicate to IA-139)	3/19/2015	LR[8]	Passive (16)	0.075	<0.073 C	<0.20 C	<0.077	<0.15 C	<0.072 C	<0.079 C	<0.074	0.62	NA
SSRB-11-IA-169	12/15/2015	LR[8]	Passive (14)	0.23	<0.086 C	<0.24 C	0.14	0.26 C	<0.086 C	<0.093 C	<0.087	0.91	NA
SSRB11-IA-25	12/14/2010	CS	Summa (1)	<0.2	<0.15	<0.048	<0.25	<0.74	<0.15	<0.22	<0.2	0.19	0.58
SSRB11-IA-25-CSEPA	12/14/2010	CS	Summa (1)	<0.4 J,Q2	<0.3 J,Q2	<0.19 J,Q2	<0.51 J,Q2	<0.3 C1	<0.3 J,Q2	<0.45 J,Q2	<0.41 J,Q2	<0.37 J,Q2	0.3 Q2,C1,J
SSRB11-IA-67	2/18/2014	CS	Passive (14)	0.18	<0.086	<0.24	0.12	<0.18	<0.086	<0.093	<0.087	0.092	NA
SSRB11-IA-68 (duplicate to IA-67)	2/18/2014	CS	Passive (14)	0.2	<0.086	<0.24	0.13	<0.18	<0.086	<0.093	<0.087	0.09	NA
SSRB11-CS-117	11/4/2014	CS	Passive (14)	0.41	<0.083 UJ	<0.23 UJ	0.29	<0.17 UJ	<0.082 UJ	<0.089 UJ	<0.083	0.16	NA
SSRB11-IA-141	3/19/2015	CS[8]	Passive (16)	<0.066	<0.073 C	<0.20 C	<0.077	<0.15 C	<0.072 C	<0.079 C	<0.074	0.12	NA
SSRB-11-IA-170	12/15/2015	CS[8]	Passive (14)	<0.078	<0.086 C	<0.24 C	<0.092	0.23 C	<0.086 C	<0.093 C	<0.087	0.16	NA
SSRB12-IA-26	12/14/2010	LR	Summa (1)	0.27	<0.16	<0.05	<0.26	<0.78	<0.16	<0.24	<0.21	5.2	0.51
SSRB12-IA-62	2/18/2014	LR-K	Passive (14)	0.2	<0.086	<0.24	0.11	<0.18	<0.085	<0.093	<0.087	1.1	NA
SSRB12-IA-63	2/18/2014	LR-NR	Passive (14)	0.23	<0.086	<0.24	0.12	<0.18	<0.085	<0.093	<0.087	1.3	NA
SSRB12-IA-64 (duplicate to IA-63)	2/18/2014	LR-NR	Passive (14)	0.24	<0.086	<0.24	0.12	<0.18	<0.085	<0.093	<0.087	1.3	NA
SSRB12-IA-27	12/14/2010	CS	Summa (1)	0.28	<0.15	<0.049	<0.26	<0.76	<0.15	<0.23	<0.21	<0.19	0.51
SSRB12-IA-65	2/18/2014	CS	Passive (14)	0.23	<0.086	<0.24	<0.091	<0.18	<0.085	<0.093	<0.087	<0.072	NA
SSRB13-IA-28	12/14/2010	LR	Summa (1)	0.85	<0.16	<0.05	<0.26	<0.78	<0.16	<0.24	<0.21	2.4	0.57
SSRB-13-48	09/01/2011	LR	Summa (1)	1.5	1.4	0.068	<0.23	<0.68	<0.14	<0.21	<0.19	3.1	0.68
SSRB-13-51	09/01/2011	LR	Summa (1)	1.6	1.4	0.07	<0.33	<0.97	<0.20	<0.29	<0.27	3.4	0.66
SSRB13-IA-29	12/14/2010	CS	Summa (1)	0.56	<0.14	<0.045	<0.24	<0.69	<0.14	<0.21	<0.19	0.26	0.6
SSRB-13-49	09/01/2011	CS	Summa (1)	0.26	<0.14	<0.046	<0.24	<0.71	<0.14	<0.22	<0.20	0.18	0.49
SSRB14-IA-40-EPA-1	12/14/2010	LR***	Summa (1)	0.28 J,Q2	<0.2 J,Q2	<0.13 J,Q2	1.4 J,Q2	<0.2 U	<0.2 J,Q2	<0.3 J,Q2	<0.27 J,Q2	1.3 J,Q2	0.3 C1,J,Q2
SSRB14-IA-40-EPA-2	12/14/2010	LR	Summa (1)	<10	<8	<5	<10	<8	<8	<10	<10	<10	<20
SSRB14-IA-85	2/24/2014	LR	Passive (14)	0.13	<0.087	<0.24	0.22	<0.18	<0.086	<0.094	<0.088	0.91	NA
SSRB14-IA-87 (duplicate to IA-85)	2/24/2014	LR	Passive (14)	0.13	<0.087	<0.24	0.2	<0.18	<0.086	<0.094	<0.088	0.86	NA
SSRB14-IA-86	2/24/2014	LR-K	Passive (14)	0.13	<0.087	<0.24	0.21	<0.18	<0.086	<0.094	<0.088	0.95	NA
SSRB14-IA-41-EPACS	12/14/2010	CS***	Summa (1)	<8	<6	<4	<10	<6	<6	<9	<8	<7	<10
SSRB14-IA-88	2/24/2014	CS	Passive (14)	0.12	<0.087	<0.24	<0.092	<0.18	<0.087	<0.094	<0.088	0.094	NA
SSRB14-IA-89 (duplicate to IA-88)	2/24/2014	CS	Passive (14)	0.13	<0.087	<0.24	<0.092	<0.18	<0.087	<0.094	<0.088	0.093	NA

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Mountain View, California

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Sample ID	Sample Date	Sample Type	Sample Type[1]	TCE	cis-1,2-DCE	VC	PCE	trans-1,2-DCE	1,1-DCA	1,2-DCB	1,1,1-TCA	Chloroform	Freon 113
NBRB-15-IA-54	7/18/2013	LR	Summa (1)	0.22	<0.14	<0.046	<0.25	<0.72	<0.15	<0.22	<0.20	0.77	0.55
NBRB-15-IA-55	7/18/2013	LR	Summa (1)	0.25	<0.14	<0.044	<0.23	<0.68	<0.14	<0.21	<0.19	1.1	0.56
NBRB-15-DUP (duplicate to IA-55)	7/18/2013	LR	Summa (1)	0.25	<0.14	<0.046	<0.24	<0.72	<0.15	<0.22	<0.20	1.2	0.56
NBRB15-IA-90	2/26/2014	LR	Passive (16)	0.42	<0.076	<0.21	0.087	0.55 C	0.28 C	<0.082	<0.077	0.20	NA
NBRB-15-CS-52	7/18/2013	CS	Summa (1)	<0.18	<0.13	<0.042	<0.22	<0.66	<0.13	<0.20	<0.18	0.21	0.57
NBRB-15-CS-53	7/18/2013	CS	Summa (1)	0.22	<0.13	<0.042	<0.22	<0.65	<0.13	<0.20	<0.18	0.23	0.55
NBRB15-IA-91	2/26/2014	CS	Passive (16)	0.076	<0.076	<0.21	<0.081	<0.16	<0.076	<0.082	<0.077	0.090	NA
SSRB16-IA-75	2/18/2014	LR-K	Passive (14)	0.28	<0.087	<0.24	<0.092	<0.18	<0.086	<0.094	0.16	0.4	NA
SSRB16-IA-106	6/19/2014	LR-K	Passive (16)	0.13	<0.070 C	<0.19 C	<0.074	<0.14 C	<0.069 C	<0.075 C	<0.070	0.25	NA
SSRB16-IA-125	2/9/2015	LR-K	Passive (14)	0.20	<0.084 C	<0.23 C	0.097	<0.17 C	<0.083 C	<0.090 C	0.12	0.30	NA
SSRB16-IA-76	2/18/2014	CS	Passive (14)	0.25	<0.087	<0.24	<0.092	<0.18	<0.086	<0.094	<0.088	0.093	NA
SSRB16-IA-107	6/19/2014	CS	Passive (16)	0.49	<0.071 C	<0.20 C	<0.075	<0.15 C	<0.070 C	<0.076 C	<0.072	0.11	NA
SSRB16-IA-126	2/9/2015	CS	Passive (14)	0.22	<0.084 C	<0.23 C	0.098	<0.17 C	<0.083 C	<0.090 C	<0.084	0.13	NA
SSRB17-IA-79	2/24/2014	LR	Passive (14)	0.34	<0.087	<0.24	0.12	<0.18	<0.086	<0.094	<0.087	0.44	NA
SSRB17-IA-78	2/24/2014	CS	Passive (14)	0.27	<0.087	<0.24	<0.092	<0.18	<0.086	<0.093	<0.087	0.12	NA
SSRB18-IA-81	2/24/2014	LR	Passive (14)	<0.078	<0.087	<0.24	0.92	<0.18	<0.086	<0.093	0.096	0.28	NA
SSRB18-IA-103	6/3/2014	LR	Passive (14)	<0.072	<0.080 C	<0.22 C	0.97	<0.16 C	<0.079 C	0.10 C	0.12	0.38	NA
SSRB18-IA-82	2/24/2014	CS	Passive (14)	<0.079	<0.087	<0.24	<0.092	<0.18	<0.086	<0.094	<0.087	0.091	NA
SSRB18-CS-104	6/3/2014	CS	Passive (14)	<0.074	<0.082 C	<0.23 C	<0.086	<0.17 C	<0.081 C	<0.088 C	<0.082	0.091	NA
SSRB19-IA-83	2/24/2014	LR	Passive (14)	0.32	<0.087	<0.24	0.12	<0.18	<0.086	<0.094	<0.088	1.1	NA
SSRB19-IA-84	2/24/2014	CS	Passive (14)	0.2	<0.087	<0.24	<0.092	<0.18	<0.086	<0.094	<0.088	0.11	NA
SSRB20-IA-95	3/11/2014	LR	Passive (13)	0.13	<0.090	<0.25	<0.095	<0.19	<0.089	<0.097	<0.090	0.22	NA
SSRB20-IA-109	6/19/2014	LR	Passive (16)	0.13	<0.070 C	<0.19 C	<0.074	<0.14 C	<0.069 C	<0.075 C	<0.070	0.18	NA
SSRB20-IA-110 (duplicate to IA-109)	6/19/2014	LR	Passive (16)	0.12	<0.070 C	<0.19 C	<0.074	<0.14 C	<0.069 C	<0.075 C	<0.070	0.16	NA
SSRB20-IA-96	3/11/2014	CS[5]	Passive (13)	0.17	<0.090	<0.25	<0.095	<0.19	<0.089	<0.097	<0.091	0.34	NA
SSRB20-IA-111	6/19/2014	CS[5]	Passive (16)	0.18	<0.070 C	<0.20 C	<0.074	<0.15 C	<0.070 C	<0.076 C	<0.071	0.24	NA
SSRB21-IA-120	1/26/2015	LR	Passive (13)	0.70	<0.092 C	<0.25 C	0.32	<0.19 C	<0.091 C	<0.099 C	<0.092	0.71	NA
SSRB-21-IA-148	7/13/2015	LR[8]	Passive (13)	0.18	<0.088 C	<0.24 C	<0.093	<0.18 C	<0.087 C	<0.094 C	<0.088	0.26	NA
SSRB-21-IA-163	12/15/2015	LR[8]	Passive (14)	0.63	<0.086 C	<0.24 C	0.20	<0.18 C	<0.085 C	<0.092 C	<0.086	0.58	NA
SSRB21-IA-121	1/26/2015	CS	Passive (13)	0.27	<0.092 C	<0.25 C	0.14	<0.19 C	<0.091 C	<0.098 C	<0.092	0.19	NA
SSRB-21-IA-149	7/13/2015	CS[8]	Passive (13)	0.54	<0.088 C	<0.24 C	<0.093	<0.18 C	<0.087 C	<0.094 C	<0.088	0.082	NA
SSRB-21-IA-164	12/15/2015	CS[8]	Passive (14)	0.39	<0.086 C	0.24 C	0.092	<0.18 C	<0.085 C	<0.092 C	<0.086	0.099	NA
SSRB22-IA-128	2/9/2015	LR	Passive (14)	0.18	<0.084 C	<0.23 C	0.24	<0.17 C	<0.083 C	<0.090 C	<0.084	0.31	NA
SSRB22-IA-129	2/9/2015	CS	Passive (14)	0.37	<0.084 C	<0.23 C	0.15	<0.17 C	<0.083 C	<0.090 C	<0.084	0.17	NA

Table 2-1
Data Summary for Residential Indoor Air Sample Results
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

(concentrations reported in micrograms per cubic meter)

Sample ID	Sample Date	Sample Type	Sample Type[1]	TCE	cis-1,2-DCE	VC	PCE	trans-1,2-DCE	1,1-DCA	1,2-DCB	1,1,1-TCA	Chloroform	Freon 113
SSRB23-IA-130	2/12/2015	LR	Passive (14)	0.65	<0.084 C	<0.23 C	1.5	<0.17 C	<0.083 C	<0.090 C	<0.084	0.70	NA
SSRB-23-IA-157	8/10/2015	LR[8]	Passive (14)	0.20	<0.081 C	<0.22 C	0.31	<0.17 C	<0.080 C	<0.087 C	<0.082	0.26	NA
SSRB-23-IA-160	12/15/2015	LR[8]	Passive (14)	0.59	<0.086 C	<0.24 C	9.8	<0.18 C	<0.085 C	<0.092 C	<0.086	0.94	NA
SSRB23-IA-131	2/12/2015	CS	Passive (14)	1.8	<0.084 C	<0.23 C	0.21	<0.17 C	<0.083 C	<0.090 C	<0.084	0.17	NA
SSRB-23-IA-158	8/10/2015	CS[8]	Passive (14)	3.1	<0.081 C	<0.22 C	0.30	<0.17 C	<0.080 C	<0.087 C	<0.082	0.11	NA
SSRB-23-IA-161	12/15/2015	CS[8]	Passive (14)	1.2	<0.086 C	<0.24 C	0.21	<0.18 C	<0.085 C	<0.092 C	<0.086	0.14	NA
SSRB24-IA-133	2/12/2015	LR	Passive (14)	0.57	<0.084 C	<0.23 C	0.21	<0.18 C	<0.083 C	<0.090 C	<0.085	0.76	NA
SSRB24-IA-134 (duplicate to IA-133)	2/12/2015	LR	Passive (14)	0.64	<0.084 C	<0.23 C	0.24	<0.18 C	<0.083 C	<0.090 C	<0.085	1.0	NA
SSRB24-IA-135	2/12/2015	CS	Passive (14)	0.38	<0.084 C	<0.23 C	0.18	<0.18 C	<0.083 C	<0.090 C	<0.085	0.13	NA
SSRB25-IA-146	4/14/2015	LR	Passive (14)	<0.077	<0.085 C	<0.24 C	0.37	<0.18 C	<0.084 C	<0.091 C	<0.085	0.60	NA
SSRB25-IA-147	4/14/2015	CS	Passive (14)	<0.077	<0.085 C	<0.24 C	<0.090	<0.18 C	<0.084 C	<0.091 C	<0.085	0.16	NA
SSRB26-IA-136	2/25/2015	LR	Passive (13)	0.10	<0.091 C	<0.25 C	0.13	<0.19 C	<0.090 C	<0.098 C	<0.091	0.66	NA
SSRB26-IA-138	2/25/2015	CS	Passive (13)	<0.082	<0.091 C	<0.25 C	<0.096	<0.19 C	<0.090 C	<0.098 C	<0.091	0.16	NA
SSRB27-IA-143	3/31/2015	LR	Passive (14)	0.44	<0.083 C	<0.23 C	0.55	<0.17 C	<0.082 C	<0.089 C	<0.084	0.32	NA
SSRB-27-IA-153	8/10/2015	LR	Passive (14)	0.28	<0.081 C	<0.22 C	0.51	<0.17 C	<0.080 C	<0.087 C	<0.082	0.23	NA
SSRB27-IA-144	3/31/2015	CS	Passive (14)	1.5	<0.083 C	<0.23 C	0.096	<0.17 C	<0.082 C	<0.089 C	<0.084	0.11	NA
SSRB-27-IA-151	7/27/2015	CS	Passive (14)	1.6	<0.081 C	<0.22 C	0.11	<0.17 C	<0.080 C	<0.087 C	<0.081	0.081	NA
SSRB-28-IA-154	8/10/2015	LR	Passive (14)	0.13	<0.081 C	<0.22 C	<0.086	<0.17 C	<0.080 C	<0.087 C	0.24	0.20	NA
SSRB-28-IA-155 (duplicate to IA-154)	8/10/2015	LR	Passive (14)	0.14	<0.081 C	<0.22 C	<0.086	<0.17 C	<0.080 C	<0.087 C	0.32	0.25	NA
SSRB-28-IA-165	12/15/2015	LR	Passive (14)	0.22	<0.086 C	<0.24 C	<0.091	<0.18 C	<0.086 C	<0.093 C	<0.087	0.54	NA
SSRB-28-IA-156	8/10/2015	CS	Passive (14)	1.2	<0.081 C	<0.22 C	0.14	<0.17 C	<0.080 C	<0.088 C	<0.082	0.098	NA
SSRB-28-IA-166	12/15/2015	CS	Passive (14)	0.63	<0.086 C	<0.24 C	0.10	<0.18 C	<0.086 C	<0.093 C	<0.087	0.10	NA

Table 2-1
Data Summary for Residential Indoor Air Sample Results
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Notes:

1. Sample type (exposure duration in days). Samples collected prior to February 2014 were collected using Summa canisters with a 1-day exposure duration. Samples collected in 2014 were collected using Radiello passive samplers for approximately 14 days.

2. USEPA RSLs, revised November 2015. Available at: http://www.epa.gov/region9/superfund/prg/. PCE screening level as described in the Memo from USEPA to Stephen Hill (RWQCB 2013). "EPA Region 9 Guidelines and Supplemental Information Needed for Vapor Intrusion Evaluations at the South Bay National Priorities List (NPL) Sites." December 3.

3. ATSDR MRLs, revised September 2015. Available at: http://www.atsdr.cdc.gov/mrls/mrllist.asp
Acute MRLs are derived for exposure durations of 1 to 14 days. Short-term (intermediate) MRLs are derived for exposure durations of >14 to 364 days.

4. USEPA Interim Indoor Air Short-Term Response Action Levels for TCE (2 $\mu g/m^3$) from memo from USEPA to Region 9 Superfund Division Staff and Management (USEPA 2014). "EPA Region 9 Response Action Levels and Recommendations to Address Near-Term Inhalation Exposures to TCE in Air from Subsurface Vapor Intrusion". July 9.

5. Crawl space of the home was not accessible, thus the sample was placed at the bottom of the closet that likely leads to the crawl space.

6. Sample deployed 30+ days after the installation of an active mitigation system in the crawl space of the residence.

7. California-modified indoor air screening level for PCE (0.4 $\mu g/m^3$) from memo from USEPA to Stephen Hill (RWQCB 2013). "EPA Region 9 Guidelines and Supplemental Information Needed for Vapor Intrusion Evaluations at the South Bay National Priorities List (NPL) Sites". December 3.

8. Sample deployed at least 30 days after sealing CS vent in closet holding gas combustion appliance(s).

Units in micrograms per cubic meter ($\mu g/m^3$) at 25° Celsius and 1 atmosphere.

* = trans-1,2-DCE MRLs and RSLs are used for cis-1,2-DCE

** = Sample canister had a high vacuum at the time of sample collection that resulted in a large dilution factor

*** = Sample considered a grab sample due to low vacuum measured at the time of sample collection

1,2-DCB = 1,2-dichlorobenzene
1,1-DCA = 1,1-dichloroethane
cis-1,2-DCE = cis-1,2-dichloroethene
trans-1,2-DCE = trans-1,2-dichloroethene
PCE = tetrachloroethene
1,1,1-TCA = 1,1,1-trichloroethane
TCE = trichloroethene
VC = vinyl chloride

BR = bathroom
CS = crawl space sample location
GR = garage
LR = living area sample location
LR-K = kitchen area sample location
LR-NR = nap room sample location
OA = outdoor air sample location
NA = not available

C = Estimated concentration due to calculated sampling rate
C1 = The reported concentration for this analyte is below the quantitation limit
J = The reported result for this analyte should be considered an estimated value
Q2 = The laboratory control standard associated with this sample did not meet recovery criteria for this analyte
RE2 = Result is from a sample re-analysis
U = Compound analyzed for but not detected above reporting limit
UJ = The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.

ATSDR = Agency for Toxic Substances and Disease Registry
USEPA = United States Environmental Protection Agency
RSLs = Regional Screening Levels
RWQCB = Regional Water Quality Control Board
MRLs = Minimal Risk Levels

Result received since the previous vapor intrusion data submittal

Table 2-2
HVAC On Commercial Air Sampling Results for Breathing Zones
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

(concentrations reported in micrograms per cubic meter)

Sample ID	Sample Date	Sample Type	TCE	cis-1,2-DCE	VC	PCE	trans-1,2-DCE	1,1-DCA	1,2-DCB	1,1,1-TCA	Chloroform	Freon 113
Tier 1 - Comparison to Background/Outdoor Ambient Air												
IA-5-20110707 (SPCB-16)	7/7/2011	OA	<0.18	<0.13	<0.043	<0.23	<0.67	<0.14	<0.20	<0.18	<0.16	0.47
IA-5-20110818 (SPCB-16)	8/18/2011	OA	<0.18	<0.13	<0.042	<0.22	<0.65	<0.13	<0.20	<0.18	<0.16	0.48
NBCB1-OA-5	8/31/2011	OA	<0.19	<0.14	<0.045	<0.24	<0.69	<0.14	<0.21	<0.19	0.18	0.52
NBCB2-OA-13	8/31/2011	OA	<0.20	<0.15	<0.048	<0.25	<0.74	<0.15	0.77	<0.20	<0.18	0.56
SPCB3-OA-19	9/1/2011	OA	<0.19	<0.14	<0.045	<0.24	<0.69	<0.14	<0.21	<0.19	<0.17	0.57
NBCB4-OA-25	9/1/2011	OA	<0.19	<0.14	<0.046	<0.24	<0.70	<0.14	<0.21	<0.19	<0.17	0.53
OA-1-20121025 (SPCB-16)	10/25/2012	OA	<0.18	<0.13	<0.042	<0.22	<0.65	<0.13	<0.20	<0.18	<0.16	0.54
OA-2-20121108 (SPCB-16)	11/8/2012	OA	<0.17	<0.13	<0.041	<0.22	<0.64	<0.13	<0.19	<0.18	<0.16	0.50
NBCB-5-OA-45	12/20/2012	OA	<0.17	<0.12	<0.040	0.38	<0.61	<0.12	<0.19	<0.17	<0.15	0.53
NBCB-6-OA-35	12/20/2012	OA	<0.16	<0.12	<0.037	0.29	<0.58	<0.12	<0.18	<0.16	<0.14	0.51
NBCB-7-OA-36	12/20/2012	OA	<0.16	<0.12	<0.037	0.26	<0.58	<0.12	<0.18	<0.16	<0.14	0.56
NBCB-8-OA-55	2/6/2013	OA	<0.17	<0.12	<0.040	<0.21	<0.62	<0.13	<0.19	<0.17	0.24	0.62
NBCB-9-OA-63	2/6/2013	OA	<0.17	<0.13	<0.041	<0.22	<0.64	<0.13	<0.19	<0.18	0.22	0.62
NBCB-10-OA-68	2/6/2013	OA	<0.17	<0.13	<0.041	<0.22	<0.64	<0.13	<0.19	<0.18	0.28	0.67
NBCB-11-OA-74	2/6/2013	OA	<0.18	<0.13	<0.043	<0.23	<0.67	<0.14	<0.20	<0.18	0.21	0.64
NBCB-11-OA-82	4/11/2013	OA	<0.17	<0.12	<0.040	<0.21	<0.62	<0.13	<0.19	<0.17	<0.15	0.59
NBCB-12-Ambient	7/18/2013	OA	<0.19	<0.14	<0.046	<0.24	<0.72	<0.15	<0.22	<0.20	0.21	0.54
NBCB-8-OA-92	9/12/2013	OA	<0.16	<0.12	<0.038	0.47	<0.59	<0.12	<0.18	<0.16	0.15	0.54
NBCB-1-OA-117	6/27/2014	OA	<0.19	<0.14	<0.046	<0.24	<0.71	<0.14	<0.22	<0.20	<0.17	0.51
NBCB-2-OA-125	6/27/2014	OA	<0.18	<0.13	<0.043	<0.23	<0.67	<0.14	<0.51	<0.18	<0.17	<0.65
NBCB-14-OA-133	6/27/2014	OA	<0.18	<0.14	<0.044	<0.23	<0.68	<0.14	<0.21	<0.19	<0.17	0.57
SPCB-13-OA-24	7/9/2014	OA	<0.18	<0.13	<0.043	<0.23	<0.67	<0.14	<0.20	<0.18	<0.16	0.55
NBCB-6-OA-140	7/25/2014	OA	<0.20	<0.14	<0.047	<0.25	<0.72	<0.15	<0.22	<0.20	0.42	0.62
SPCB-16-OA-192	11/5/2014	OA	<0.17	<0.13	<0.041	<0.22	<0.64	<0.13	<0.19	<0.18	0.47	0.49
NBCB-7-OA-203	2/13/2015	OA	<0.17	<0.13	<0.041	<0.22	<0.64	<0.13	<0.19	<0.18	<0.16	0.45
NBCB-4-OA-221	3/12/2015	OA	<0.16	<0.12	<0.039	<0.21	<0.60	<0.12	<0.18	<0.16	<0.15	0.46
Tier 2 - Comparison to Long-Term Health Risk-Based Screening Criteria												
Industrial/Commercial Screening Level (November 2015)[1,4]			3	NA	2.8	2	NA	7.7	880	22,000	0.53	130,000
Tier 3 - Comparison to Short-Term Health Risk-Based Screening Criteria												
Acute Screening Level (September 2015)[2]			NA	793*	1,278	41	793	NA	NA	10,914	488	NA
Short-Term Screening Levels (September 2015)[2]			2	793*	77	41	793	NA	NA	3,820	244	NA
Interim Indoor Short-Term Response Action Levels[3]			7**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indoor Air Sample Results												
NBCB1-BZ-6	8/31/2011	BZ	<0.18	<0.13	<0.042	<0.22	<0.65	<0.13	<0.20	<0.18	0.77	0.53
NBCB1-BZ-7	8/31/2011	BZ	<0.18	<0.13	<0.042	<0.22	<0.66	<0.13	<0.20	<0.18	0.95	0.57
NBCB-1-BZ-113	6/27/2014	BZ	<0.17	<0.13	<0.041	<0.22	<0.64	<0.13	<0.19	<0.18	<0.16	0.62
NBCB-1-BZ-114	6/27/2014	BZ	<0.18	<0.14	<0.044	<0.23	<0.68	<0.14	<0.21	<0.19	<0.17	0.61
NBCB-1-BZ-142	8/13/2014	BZ[5]	<0.18	<0.13	<0.042	<0.22	<0.65	<0.13	<0.20	<0.18	0.22	0.59
NBCB-1-BZ-143	8/13/2014	BZ[5]	<0.18	<0.13	<0.042	<0.22	<0.65	<0.13	<0.20	<0.18	0.44	0.56

Table 2-2
HVAC On Commercial Air Sampling Results for Breathing Zones
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

(concentrations reported in micrograms per cubic meter)

Sample ID	Sample Date	Sample Type	TCE	cis-1,2-DCE	VC	PCE	trans-1,2-DCE	1,1-DCA	1,2-DCB	1,1,1-TCA	Chloroform	Freon 113
NBCB2-BZ-9	8/31/2011	BZ	<0.17	<0.13	<0.041	<0.22	<0.64	<0.13	<0.19	<0.18	0.31	0.54
NBCB-2-BZ-119	6/27/2014	BZ	<0.18	<0.13	<0.042	<0.22	<0.65	<0.13	<0.20	<0.18	<0.16	0.52
NBCB-2-BZ-126	6/27/2014	BZ	<0.18	<0.13	<0.042	<0.22	<0.65	<0.13	<0.49	<0.18	<0.16	<0.63
SPCB3-BZ-14	9/1/2011	BZ	<0.18	<0.14	<0.044	<0.23	<0.68	<0.14	<0.21	<0.19	0.20	0.62
SPCB3-BZ-15	9/1/2011	BZ	0.50	<0.14	<0.045	0.55	<0.69	<0.14	<0.21	0.31	0.31	0.56
SPCB3-BZ-16	9/1/2011	BZ	0.80	<0.13	<0.043	0.38	<0.67	<0.14	<0.20	2.1	0.30	0.76
SPCB-3-BZ-216	3/12/2015	BZ	3.6	<0.12	<0.038	<0.20	<0.59	<0.12	<0.18	0.16	0.38	0.46
SPCB-3-BZ-218	3/12/2015	BZ	<0.17	<0.12	<0.040	<0.21	<0.62	<0.13	<0.19	<0.17	<0.15	0.47
NBCB4-BZ-20	9/1/2011	BZ	0.36	<0.13	<0.042	<0.22	1.2	<0.13	<0.20	<0.18	0.34	0.51
NBCB4-BZ-21 (duplicate to BZ-20)	9/1/2011	BZ	0.37	<0.13	<0.041	<0.22	1.2	<0.13	<0.19	<0.18	0.35	0.52
NBCB4-BZ-24	9/1/2011	BZ	0.50	<0.13	<0.043	<0.23	1.4	<0.14	<0.20	<0.18	0.38	0.58
NBCB4-BZ-26	9/1/2011	BZ	0.41	<0.14	<0.044	<0.23	1.3	<0.14	<0.21	<0.19	0.38	0.54
NBCB-4-BZ-212	3/12/2015	BZ	0.27	<0.12	<0.039	<0.21	<0.60	<0.12	<0.18	<0.16	0.53	0.49
NBCB-5-BZ-28	12/20/2012	BZ	<0.19	<0.14	<0.045	<0.24	<0.69	<0.14	<0.21	<0.19	<0.17	0.53
NBCB-5-BZ-30 (duplicate to BZ-28)	12/20/2012	BZ	<0.18	<0.14	<0.044	<0.23	<0.68	<0.14	<0.20	<0.19	<0.17	0.52
NBCB-5-BZ-135	7/25/2014	BZ	<0.18	0.19	<0.043	0.34	<0.67	<0.14	<0.20	<0.18	0.31	0.63
NBCB-5-BZ-137	7/25/2014	BZ	<0.18	<0.13	<0.042	<0.22	<0.66	<0.13	<0.20	<0.18	0.30	0.60
NBCB-6-BZ-31	12/20/2012	BZ	<0.19	<0.14	<0.045	<0.24	<0.69	<0.14	<0.21	<0.19	<0.17	0.51
NBCB-6-BZ-32 (duplicate to BZ-31)	12/20/2012	BZ	<0.19	<0.14	<0.045	<0.24	<0.69	<0.14	<0.21	<0.19	<0.17	0.54
NBCB-6-BZ-33	12/20/2012	BZ	<0.17	<0.12	<0.040	0.29	<0.63	<0.13	<0.19	<0.17	<0.15	0.51
NBCB-6-BZ-139	7/25/2014	BZ	<0.19	<0.14	<0.045	<0.24	<0.69	<0.14	<0.21	<0.19	0.34	0.61
NBCB-7-BZ-37	12/20/2012	BZ	<0.17	<0.13	<0.041	<0.22	<0.64	<0.13	<0.19	<0.18	<0.16	0.44
NBCB-7-BZ-38	12/20/2012	BZ	<0.18	<0.13	<0.043	<0.23	<0.67	<0.14	<0.20	<0.18	<0.16	0.44
NBCB-7-BZ-40	12/20/2012	BZ	<0.18	<0.13	<0.043	<0.23	<0.67	<0.14	<0.20	<0.18	<0.16	0.42
NBCB-7-BZ-41	12/20/2012	BZ	<0.18	<0.13	<0.043	<0.23	<0.67	<0.14	<0.20	<0.18	<0.16	0.44
NBCB-7-BZ-199	2/13/2015	BZ	<0.17	<0.13	<0.041	<0.22	<0.63	<0.13	<0.19	<0.17	0.38	0.44
NBCB-7-BZ-202	2/13/2015	BZ	<0.18	<0.13	<0.042	<0.22	<0.65	<0.13	<0.20	<0.18	0.18	0.45
NBCB-8-BZ-50	2/6/2013	BZ	3.4	<0.12	<0.040	0.50	<0.62	<0.13	<0.19	<0.17	0.63	0.65
NBCB-8-BZ-51	2/6/2013	BZ	<0.17	<0.12	<0.040	<0.21	<0.62	<0.13	<0.19	<0.17	0.46	0.63
NBCB-8-BZ-52	2/6/2013	BZ	0.6	<0.13	<0.042	<0.22	<0.66	<0.13	<0.20	<0.18	0.46	0.63
NBCB-8-BZ-53	2/6/2013	BZ	6.4	0.38	<0.044	0.26	<0.68	<0.14	<0.21	<0.19	0.39	0.69
NBCB-8-BZ-54 (duplicate to BZ-53)	2/6/2013	BZ	6.3	0.40	<0.043	0.26	<0.67	<0.14	<0.20	<0.18	0.39	0.67
NBCB-8-BZ-91	9/12/2013	BZ	0.66	<0.13	<0.042	1.4	<0.65	<0.13	<0.20	<0.18	0.37	0.52
NBCB-8-BZ-95	9/12/2013	BZ	0.37	<0.13	<0.042	0.46	<0.65	<0.13	<0.20	<0.18	0.26	0.64
NBCB-8-BZ-96	9/12/2013	BZ	0.59	<0.12	<0.040	0.26	<0.63	<0.13	<0.19	<0.17	1.9	0.61
NBCB-9-BZ-57	2/6/2013	BZ	<0.18	<0.13	<0.042	<0.22	<0.65	<0.13	<0.20	<0.18	0.25	0.61
NBCB-9-BZ-58	2/6/2013	BZ	<0.17	<0.13	<0.041	<0.22	<0.64	<0.13	<0.19	<0.18	0.29	0.62
NBCB-9-BZ-61	2/6/2013	BZ	<0.17	<0.12	<0.040	<0.21	<0.63	<0.13	<0.19	<0.17	0.29	0.59
NBCB-9-BZ-206	2/13/2015	BZ	<0.18	<0.13	<0.042	<0.22	<0.65	<0.13	<0.20	<0.18	0.23	0.43

Table 2-2
HVAC On Commercial Air Sampling Results for Breathing Zones
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

(concentrations reported in micrograms per cubic meter)

Sample ID	Sample Date	Sample Type	TCE	cis-1,2-DCE	VC	PCE	trans-1,2-DCE	1,1-DCA	1,2-DCB	1,1,1-TCA	Chloroform	Freon 113
NBCB-10-BZ-64	2/6/2013	BZ	<0.18	<0.13	<0.042	<0.22	<0.65	<0.13	<0.20	<0.18	0.40	0.64
NBCB-10-BZ-65	2/6/2013	BZ	<0.18	<0.13	<0.042	0.29	<0.66	<0.13	<0.20	<0.18	0.31	0.60
NBCB-10-BZ-66	2/6/2013	BZ	<0.17	<0.13	<0.041	<0.22	<0.64	<0.13	<0.19	<0.18	0.27	0.60
NBCB-10-BZ-67 (duplicate to BZ-66)	2/6/2013	BZ	<0.17	<0.13	<0.041	<0.22	<0.64	<0.13	<0.19	<0.18	0.30	0.60
NBCB-11-BZ-70	2/6/2013	BZ	0.57	<0.13	<0.043	<0.23	<0.67	<0.14	<0.20	<0.18	0.26	0.64
NBCB-11-BZ-71	2/6/2013	BZ	5.2	<0.14	<0.044	<0.23	<0.68	<0.14	<0.21	<0.19	0.28	0.62
NBCB-11-BZ-72 (duplicate to BZ-71)	2/6/2013	BZ	5.4	<0.14	<0.045	<0.24	<0.70	<0.14	<0.21	<0.19	0.28	0.64
NBCB-11-BZ-73	2/6/2013	BZ	<0.18	<0.13	<0.043	<0.23	1.6	<0.14	<0.20	<0.18	0.26	0.64
NBCB-11-BZ-77	4/11/2013	BZ	<0.17	<0.13	<0.041	<0.22	<0.63	<0.13	<0.19	<0.17	<0.16	0.60
NBCB-11-BZ-78	4/11/2013	BZ	<0.17	<0.12	<0.040	<0.21	<0.61	<0.12	<0.19	<0.17	0.16	0.59
NBCB-11-BZ-79	4/11/2013	BZ	<0.18	<0.13	<0.043	<0.23	<0.67	<0.14	<0.20	<0.18	<0.16	0.62
NBCB-11-BZ-81	4/11/2013	BZ	<0.17	<0.13	<0.041	<0.22	<0.63	<0.13	<0.19	<0.17	<0.16	0.60
NBCB-12-BZ-83	7/18/2013	BZ	<0.18	<0.14	<0.044	<0.23	<0.68	<0.14	<0.21	<0.19	0.30	0.57
NBCB-12-BZ-84	7/18/2013	BZ	<0.19	<0.14	<0.045	<0.24	<0.70	<0.14	<0.21	<0.19	0.25	0.57
NBCB-12-BZ-85	7/18/2013	BZ	<0.18	<0.14	<0.044	<0.23	<0.68	<0.14	<0.21	<0.19	0.40	0.54
NBCB-12-BZ-86	7/18/2013	BZ	<0.19	<0.14	<0.045	<0.24	<0.70	<0.14	<0.21	<0.19	0.48	0.55
NBCB-12-BZ-88	7/18/2013	BZ	0.22	<0.14	<0.044	<0.23	<0.68	<0.14	<0.21	<0.19	0.37	0.58
NBCB-12-DUP (duplicate to BZ-88)	7/18/2013	BZ	<0.19	<0.14	<0.045	<0.24	<0.69	<0.14	<0.21	<0.19	<0.17	0.55
NBCB-12-BZ-90	7/18/2013	BZ	<0.18	<0.13	<0.043	<0.23	<0.67	<0.14	<0.20	<0.18	0.36	0.56
SPCB-13-BZ-14	7/9/2014	BZ	<0.18	<0.13	<0.042	<0.22	<0.65	<0.13	<0.20	<0.18	<0.16	0.59
SPCB-13-BZ-18	7/9/2014	BZ	<0.17	<0.12	<0.040	<0.21	<0.63	<0.13	<0.19	<0.17	0.16	0.60
SPCB-13-BZ-20	7/9/2014	BZ	<0.18	<0.13	<0.043	<0.23	<0.67	<0.14	<0.20	<0.18	<0.16	0.60
SPCB-13-BZ-21	7/9/2014	BZ	<0.18	<0.13	<0.043	<0.23	<0.67	<0.14	0.41	<0.18	<0.17	0.55
SPCB-13-BZ-22	7/9/2014	BZ	<0.17	<0.13	<0.041	<0.22	<0.64	<0.13	<0.19	<0.18	<0.16	0.54
SPCB-13-BZ-23 (duplicate to BZ-20)	7/9/2014	BZ	<0.18	<0.13	<0.043	<0.23	<0.67	<0.14	<0.20	<0.18	<0.16	0.54
NBCB-14-BZ-129	6/27/2014	BZ	<0.17	<0.13	<0.041	<0.22	<0.64	<0.13	<0.19	<0.18	<0.16	0.60
NBCB-14-BZ-130	6/27/2014	BZ	<0.17	<0.13	0.13	<0.22	<0.64	<0.13	<0.19	<0.18	<0.16	0.57
NBCB-15-BZ-220	3/12/2015	BZ	<0.17	<0.12	<0.040	<0.21	<0.61	<0.12	<0.19	<0.17	1.8	0.44
NBCB-15-BZ-222	3/12/2015	BZ	2.0	0.51	<0.038	<0.20	<0.59	<0.12	<0.18	<0.16	0.25	0.48
NBCB-15-BZ-223	3/12/2015	BZ	0.50	<0.13	<0.042	<0.22	<0.66	<0.13	<0.20	<0.18	0.46	0.48
NBCB-15-BZ-226	3/12/2015	BZ	<0.17	<0.12	<0.040	<0.21	<0.63	<0.13	<0.19	<0.17	<0.15	0.46
NBCB-15-BZ-227	3/12/2015	BZ	<0.16	<0.12	<0.038	<0.20	<0.59	<0.12	<0.18	<0.16	0.16	0.46
NBCB-15-BZ-230	3/12/2015	BZ	<0.17	<0.12	<0.040	<0.21	<0.62	<0.13	<0.19	<0.17	2.7	0.50
NBCB-15-BZ-234	3/12/2015	BZ	<0.17	<0.12	<0.040	<0.21	<0.62	<0.13	<0.19	<0.17	2.4	0.50

Table 2-2
HVAC On Commercial Air Sampling Results for Breathing Zones
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

(concentrations reported in micrograms per cubic meter)

Sample ID	Sample Date	Sample Type	TCE	cis-1,2-DCE	VC	PCE	trans-1,2-DCE	1,1-DCA	1,2-DCB	1,1,1-TCA	Chloroform	Freon 113
IA-1-20110707 (SPCB-16)	7/7/2011	BZ	2.4	<0.13	<0.041	0.28	<0.64	<0.13	<0.19	<0.18	0.34	1.5
IA-2-20110707 (SPCB-16)	7/7/2011	BZ	0.39	<0.13	<0.041	<0.22	<0.64	<0.13	<0.19	<0.18	0.19	0.65
IA-3-20110707 (SPCB-16)	7/7/2011	BZ	0.41	<0.13	<0.042	<0.22	<0.65	<0.13	<0.20	<0.18	0.4	0.62
IA-4-20110711 (SPCB-16)	7/11/2011	BZ[6]	<1.1	<0.79	<0.26	<1.4	<4.0	<0.81	<1.2	<1.1	<0.98	<1.5
IA-1-20110818 (SPCB-16)	8/18/2011	BZ	0.26	<0.12	<0.039	<0.21	<0.60	<0.12	<0.18	<0.16	0.24	0.57
IA-2-20110818 (SPCB-16)	8/18/2011	BZ	0.19	<0.13	<0.041	<0.22	<0.64	<0.13	<0.19	<0.18	0.20	0.51
IA-10-20110818 (SPCB-16)	8/18/2011	BZ	0.47	<0.11	<0.034	<0.18	<0.53	<0.11	<0.16	<0.15	<0.13	0.53
Indoor Air Sample-1-20111201 (SPCB-16)	12/1/2011	BZ	<0.17	<0.12	<0.040	<0.21	<0.62	<0.13	<0.19	<0.17	<0.15	0.52
IA-1-20121025 (SPCB-16)	10/25/2012	BZ	<0.18	<0.13	<0.042	<0.22	<0.65	<0.13	<0.20	<0.18	<0.16	0.55
IA-2-20121025 (SPCB-16)	10/25/2012	BZ	<0.18	<0.13	<0.042	<0.22	<0.65	<0.13	<0.20	<0.18	<0.16	0.53
IA-3-20121025 (SPCB-16)	10/25/2012	BZ	0.19	<0.13	<0.042	<0.22	<0.65	<0.13	<0.20	<0.18	0.24	0.56
IA-4-20121025 (SPCB-16)	10/25/2012	BZ	<0.56	<0.42	<0.13	<0.71	<2.1	<0.42	<0.63	<0.57	1.2	<0.80
IA-10-20121026 (SPCB-16)	10/26/2012	BZ	<0.17	<0.13	<0.041	<0.22	<0.63	<0.13	<0.19	<0.17	<0.16	0.56
IA-103-20121108 (SPCB-16)	11/8/2012	BZ	0.49	<0.14	<0.044	<0.23	<0.68	<0.14	<0.20	<0.19	<0.17	1.7
SPCB-16-BZ-184	11/5/2014	BZ	<0.18	<0.13	<0.042	<0.22	<0.65	<0.13	<0.20	<0.18	0.43	0.46
SPCB-16-BZ-DUP1 (duplicate to PW-181)	11/5/2014	BZ	<0.18	<0.13	<0.042	<0.22	<0.65	<0.13	<0.20	<0.18	0.43	0.49
SPCB-16-BZ-186	11/5/2014	BZ	<0.18	<0.13	<0.042	<0.22	<0.65	<0.13	<0.20	<0.18	0.47	0.46
SPCB-16-BZ-187	11/5/2014	BZ	<0.18	<0.13	<0.043	<0.23	<0.67	<0.14	<0.20	<0.18	0.46	0.47
SPCB-16-BZ-190	11/5/2014	BZ	<0.18	<0.14	<0.044	0.35	<0.68	<0.14	<0.21	<0.19	0.44	0.46
SPCB-16-BZ-191	11/5/2014	BZ	<0.18	<0.13	<0.043	<0.23	<0.67	<0.14	<0.20	<0.18	0.40	0.48
SPCB-16-BZ-194	11/5/2014	BZ	<0.18	<0.13	<0.042	<0.22	<0.66	<0.13	<0.20	<0.18	0.45	0.47
SPCB-16-BZ-195	11/5/2014	BZ[7]	<0.15 UJ	<0.11 UJ	<0.035 UJ	4.1 J	<0.54 UJ	<0.11 UJ	<0.16 UJ	<0.15 UJ	0.43 J	0.47 J
SPCB-16-BZ-196	11/5/2014	BZ	<0.19	<0.14	<0.044	<0.24	<0.69	<0.14	<0.21	<0.19	0.47	0.47
SPCB-16-BZ-198	11/5/2014	BZ	<0.18	<0.13	<0.042	<0.22	<0.65	<0.13	<0.20	<0.18	0.48	0.46

Table 2-2
HVAC On Commercial Air Sampling Results for Breathing Zones
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Notes:

1. USEPA RSLs, revised November 2015. Available at: http://www.epa.gov/region9/superfund/prg/
Industrial Air RSLs are derived for exposure durations of 8 hours per day, 250 days per year for 25 years.

2. ATSDR MRLs, revised September 2015. Available at: http://www.atsdr.cdc.gov/mrls/mrllist.asp
Acute MRLs are derived for exposure durations of 1 to 14 days. Short-term (intermediate) MRLs are derived for exposure durations of >14 to 364 days.

3. USEPA Interim Indoor Air Short-Term Response Action Levels for TCE (7 $\mu g/m^3$) from memo from USEPA to Region 9 Superfund Division Staff and Management (USEPA 2014). "EPA Region 9 Response Action Levels and Recommendations to Address Near-Term Inhalation Exposures to TCE in Air from Subsurface Vapor Intrusion". July 9.

4. California-modified indoor air screening level for PCE (2 $\mu g/m^3$) from memo from USEPA to Stephen Hill (RWQCB 2013). "EPA Region 9 Guidelines and Supplemental Information Needed for Vapor Intrusion Evaluations at the South Bay National Priorities List (NPL) Sites." December 3.

5. Sample collected after pathway sealing was implemented.

6. Sample is an integrated 24-hour sample collected over the course of three days using a Nutech 2701 programmable timer/solenoid canister air sampling timer programmed to sample indoor air on a schedule consistent with typical normal and overtime work hours.

7. Sample considered a grab sample due to low vacuum measured at the time of sample collection.

8. Sample collected after HVAC optimization implemented.

Units in micrograms per cubic meter ($\mu g/m^3$) at 25° Celsius and 1 atmosphere.

* = trans-1,2-DCE MRLs and RSLs are used for cis-1,2-DCE

** = based on a 10-hour workday, as recommended by USEPA for South Bay Sites; 8-hour workday scenario screening level is 8 $\mu g/m^3$.

1,2-DCB = 1,2-dichlorobenzene
1,1-DCA = 1,1-dichloroethane
cis-1,2-DCE = cis-1,2-dichloroethene
trans-1,2-DCE = trans-1,2-dichloroethene
PCE = tetrachloroethene
1,1,1-TCA = 1,1,1-trichloroethane
TCE = trichloroethene
VC = vinyl chloride

BZ = breathing zone sample location
NA = not available
OA = outdoor air sample location

ATSDR = Agency for Toxic Substances and Disease Registry
USEPA = United States Environmental Protection Agency
RSLs = Regional Screening Levels
RWQCB = Regional Water Quality Control Board
MRLs = Minimal Risk Levels

J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.

UJ = The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.

Result received since the previous vapor intrusion data submittal

Table 2-3
HVAC On Commercial Air Sampling Results for Pathways
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

(concentrations reported in micrograms per cubic meter)

Sample ID	Sample Date	Sample Type	TCE	cis-1,2-DCE	VC	PCE	trans-1,2-DCE	1,1-DCA	1,2-DCB	1,1,1-TCA	Chloroform	Freon 113
Indoor Air Sample Results												
NBCB1-PW-1	8/31/2011	PW	<0.18	<0.13	<0.042	<0.22	<0.65	<0.13	<0.20	<0.18	1.2	0.52
NBCB1-PW-2 (duplicate to PW-1)	8/31/2011	PW	<0.18	<0.13	<0.042	<0.22	<0.65	<0.13	<0.20	<0.18	1.2	0.53
NBCB1-PW-3	8/31/2011	PW	<0.18	<0.13	<0.042	0.24	<0.65	<0.13	<0.20	<0.18	1	0.59
NBCB1-PW-4	8/31/2011	PW	<0.17	<0.13	<0.041	<0.22	<0.64	<0.13	<0.19	<0.18	2.5	0.54
NBCB-1-GR-107	6/27/2014	GR	<0.18	<0.14	<0.044	<0.23	<0.68	<0.14	<0.21	<0.19	<0.17	0.54
NBCB-1-PW-108	6/27/2014	PW	<0.18	<0.13	<0.042	<0.22	<0.65	<0.13	<0.20	<0.18	0.97	0.55
NBCB-1-PW-109	6/27/2014	PW	7.1	8.3	0.10	<0.22	<0.63	<0.13	<0.19	<0.17	6.1	0.64
NBCB-1-PW-110	6/27/2014	PW	<0.16	<0.12	<0.039	<0.21	<0.60	<0.12	<0.18	<0.16	0.18	0.54
NBCB-1-PW-111	6/27/2014	PW	<0.17	<0.13	<0.041	<0.22	<0.63	<0.13	<0.19	<0.17	<0.16	0.52
NBCB-1-PW-112 (duplicate to PW-111)	6/27/2014	PW	<0.18	<0.13	<0.043	<0.23	<0.67	<0.14	<0.20	<0.18	<0.16	0.56
NBCB-1-PW-115	6/27/2014	PW	<0.19	<0.14	<0.045	<0.24	<0.69	<0.14	<0.53	<0.19	<0.17	<0.67
NBCB-1-PW-116	6/27/2014	PW	<0.18	<0.14	<0.044	<0.23	<0.68	<0.14	<0.52	<0.19	<0.17	0.42 J
NBCB-1-PW-141	8/13/2014	PW[1]	<0.18	<0.13	<0.042	<0.22	<0.66	<0.13	<0.20	<0.18	0.24	0.61
NBCB2-PW-8	8/31/2011	PW	<0.18	<0.13	<0.042	<0.22	<0.66	<0.13	<0.20	<0.18	1.1	0.57
NBCB2-PW-10	8/31/2011	PW	<0.18	<0.13	<0.043	<0.23	<0.67	<0.14	<0.20	<0.18	0.32	0.57
NBCB2-PW-11	8/31/2011	PW	<0.19	<0.14	<0.045	<0.24	<0.69	<0.14	<0.21	<0.19	0.24	0.55
NBCB2-PW-12	8/31/2011	PW	<0.18	<0.14	<0.044	<0.23	<0.68	<0.14	<0.21	<0.19	1.8	0.57
NBCB-2-PW-118	6/27/2014	PW	<0.18	<0.13	<0.042	<0.22	<0.66	<0.13	<0.20	<0.18	0.21	0.53
NBCB-2-PW-120	6/27/2014	PW	<0.17	<0.13	<0.041	<0.22	<0.64	<0.13	<0.19	<0.18	<0.16	0.53
NBCB-2-PW-121	6/27/2014	PW	<0.18	<0.13	<0.043	<0.23	<0.67	<0.14	<0.20	<0.18	<0.16	0.52
NBCB-2-PW-122	6/27/2014	PW	<0.17	<0.13	<0.041	<0.22	<0.64	<0.13	<0.19	<0.18	0.23	0.63
NBCB-2-PW-123	6/27/2014	PW	<0.18	<0.13	<0.042	<0.22	<0.65	<0.13	<0.20	<0.18	<0.16	0.61
NBCB-2-PW-124 (duplicate to PW-123)	6/27/2014	PW	<0.18	<0.13	<0.043	<0.23	<0.67	<0.14	<0.20	<0.18	<0.16	0.63
NBCB-2-GR-127	6/27/2014	GR	<0.16	<0.12	<0.038	<0.20	<0.59	<0.12	<0.18	<0.16	<0.14	0.62
SPCB3-PW-17	9/1/2011	PW	<0.19	<0.14	<0.046	<0.24	<0.70	<0.14	<0.21	<0.19	0.42	0.53
SPCB3-PW-18	9/1/2011	PW	<0.19	<0.14	<0.045	<0.24	<0.69	<0.14	<0.21	<0.19	0.66	0.55
SPCB-3-PW-214	3/12/2015	PW	<0.16	<0.12	<0.038	<0.20	<0.58	<0.12	<0.18	<0.16	0.59	0.46
SPCB-3-PW-215	3/12/2015	PW	0.40	<0.12	<0.038	<0.20	<0.58	<0.12	<0.18	<0.16	0.38	0.51
SPCB-3-PW-217	3/12/2015	PW	0.49	<0.12	<0.038	0.32	<0.60	<0.12	<0.18	<0.16	0.22	0.46
SPCB-3-PW-219	3/12/2015	PW	0.53	<0.12	<0.039	<0.21	<0.61	<0.12	<0.18	<0.17	0.24	0.48
NBCB4-PW-22	9/1/2011	PW	1.7	<0.14	<0.044	<0.23	1.3	<0.14	<0.21	<0.19	3.8	0.55
NBCB4-PW-23	9/1/2011	PW	0.36	<0.14	<0.047	<0.25	1.6	<0.15	<0.22	<0.20	0.41	0.55
NBCB-4-PW-213	3/12/2015	PW	0.29	<0.12	<0.039	<0.21	<0.61	<0.12	<0.18	<0.17	0.27	0.47
NBCB-5-PW-27	12/20/2012	PW	<0.19	<0.14	<0.045	<0.24	<0.69	<0.14	<0.21	<0.19	<0.17	0.5
NBCB-5-PW-29	12/20/2012	PW	<0.19	<0.14	<0.045	<0.24	<0.69	<0.14	<0.21	<0.19	0.28	0.54
NBCB-5-PW-46	12/20/2012	PW	<0.16	<0.12	<0.038	<0.20	<0.59	<0.12	<0.18	<0.16	<0.14	0.53
NBCB-5-PW-136	7/25/2014	PW	0.22	<0.14	<0.044	<0.23	<0.68	<0.14	<0.21	<0.19	0.58	0.60
NBCB-6-PW-34	12/20/2012	PW	<0.18	<0.14	<0.044	<0.23	<0.68	<0.14	<0.20	<0.19	0.3	0.55
NBCB-6-PW-47	12/20/2012	PW	0.15	<0.11	<0.035	<0.18	<0.54	<0.11	<0.16	<0.15	<0.13	0.52
NBCB-6-PW-138	7/25/2014	PW	<0.17	<0.13	<0.041	<0.22	<0.64	<0.13	<0.19	<0.18	0.37	0.60

Table 2-3
HVAC On Commercial Air Sampling Results for Pathways
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

(concentrations reported in micrograms per cubic meter)

Sample ID	Sample Date	Sample Type	TCE	cis-1,2-DCE	VC	PCE	trans-1,2-DCE	1,1-DCA	1,2-DCB	1,1,1-TCA	Chloroform	Freon 113
NBCB-7-PW-39	12/20/2012	PW	<0.18	<0.13	<0.042	<0.22	<0.65	<0.13	<0.20	<0.18	<0.16	0.52
NBCB-7-PW-42	12/20/2012	PW	0.22	0.18	<0.041	<0.22	<0.64	<0.13	<0.19	<0.18	0.41	0.45
NBCB-7-PW-43 (duplicate to PW-42)	12/20/2012	PW	0.33	0.21	<0.042	<0.22	<0.65	<0.13	<0.20	<0.18	0.45	0.46
NBCB-7-PW-44	12/20/2012	PW	0.18	<0.14	<0.044	<0.23	<0.68	<0.14	<0.20	<0.19	0.27	0.43
NBCB-7-PW-48	12/20/2012	PW	<0.16	<0.12	<0.038	<0.20	<0.59	<0.12	<0.18	<0.16	<0.14	0.28
NBCB-7-PW-200	2/13/2015	PW	0.42	<0.13	<0.041	<0.22	<0.64	<0.13	<0.19	<0.18	0.19	0.46
NBCB-7-PW-201	2/13/2015	PW	<0.17	<0.13	<0.041	<0.22	<0.64	<0.13	<0.19	<0.18	0.20	0.44
NBCB-8-PW-49	2/6/2013	PW	0.76	<0.14	<0.045	<0.24	<0.69	<0.14	<0.21	<0.19	1.8	0.63
NBCB-8-PW-56	2/6/2013	PW	6.0	4.1	0.44	<1.9	<5.6	<1.1	<1.7	<1.5	2.6	<2.2
NBCB-8-PW-93	9/12/2013	PW	0.35	<0.13	<0.041	0.27	<0.64	<0.13	<0.19	<0.18	0.20	0.56
NBCB-8-PW-94 (duplicate to PW-93)	9/12/2013	PW	0.40	<0.12	<0.038	0.30	<0.59	<0.12	<0.18	<0.16	0.20	0.61
NBCB-9-PW-59	2/6/2013	PW	2.8	1.8	<0.042	<0.22	<0.65	<0.13	<0.20	<0.18	0.64	0.62
NBCB-9-PW-60 (duplicate to PW-59)	2/6/2013	PW	2.8	1.7	<0.041	<0.22	<0.64	<0.13	<0.19	<0.18	0.61	0.62
NBCB-9-PW-62	2/6/2013	PW	0.16	<0.11	<0.035	<0.19	<0.55	<0.11	<0.16	<0.15	0.60	0.49
NBCB-9-PW-80	4/11/2013	PW	1.6	0.85	0.12	<0.22	<0.65	<0.13	<0.20	<0.18	0.45	0.62
NBCB-9-PW-204	2/13/2015	PW	<0.17	<0.12	<0.040	<0.21	<0.63	<0.13	<0.19	<0.17	0.32	0.45
NBCB-9-PW-205	2/13/2015	PW	0.57	0.23	<0.042	<0.22	<0.65	<0.13	<0.20	<0.18	0.24	0.44
NBCB-9-PW-207	2/13/2015	PW	<0.17	<0.13	<0.041	<0.22	<0.63	<0.13	<0.19	<0.17	0.36	0.44
NBCB-9-PW-208	2/13/2015	PW	<0.18	<0.13	<0.042	<0.22	<0.65	<0.13	<0.20	<0.18	0.17	0.45
NBCB-10-PW-75	2/6/2013	PW	0.69	<0.11	<0.036	<0.19	<0.56	<0.11	<0.17	<0.15	0.39	0.62
NBCB-11-PW-76	4/11/2013	PW	<0.17	<0.13	<0.041	<0.22	<0.63	<0.13	<0.19	<0.17	0.17	0.59
NBCB-11-PW-209	2/13/2015	PW	0.15 J	<0.11	<0.036	<0.19	<0.57	<0.12	<0.17	<0.16	0.16	0.45
NBCB-11-PW-210	2/13/2015	PW	<0.16	<0.12	<0.038	<0.20	<0.59	<0.12	<0.18	<0.16	<0.14	0.44
NBCB-11-PW-211 (duplicate to PW-209)	2/13/2015	PW	<0.16	<0.12	<0.039	<0.21	<0.61	<0.12	<0.18	<0.17	0.15 J	0.45
NBCB-12-PW-87	7/18/2013	PW	<0.17	<0.13	<0.041	<0.22	<0.63	<0.13	<0.19	<0.17	0.37	0.57
NBCB-12-PW-89	7/18/2013	PW	0.23	<0.14	<0.047	<0.25	<0.72	<0.15	<0.22	<0.20	0.38	0.56
SPCB-13-PW-13	7/9/2014	PW	<0.17	<0.13	<0.041	<0.22	<0.63	<0.13	<0.19	<0.17	0.17	0.62
SPCB-13-PW-15	7/9/2014	PW	0.19	<0.13	<0.042	<0.22	<0.65	<0.13	<0.20	<0.18	0.32	0.62
SPCB-13-PW-16	7/9/2014	PW	0.39	<0.13	<0.041	<0.22	<0.64	<0.13	<0.19	<0.18	0.23	0.63
SPCB-13-PW-17	7/9/2014	PW	<0.17	<0.13	<0.041	<0.22	<0.63	<0.13	<0.19	<0.17	0.19	0.58
SPCB-13-PW-19	7/9/2014	PW	<0.18	<0.13	<0.042	<0.22	<0.66	<0.13	<0.20	<0.18	0.23	0.61
NBCB-14-PW-128	6/27/2014	PW	<0.14	<0.11	<0.034	<0.18	<0.53	<0.11	<0.16	<0.15	0.16	0.62
NBCB-14-PW-131	6/27/2014	PW	<0.18	<0.13	<0.042	<0.22	<0.65	<0.13	<0.20	<0.18	<0.16	0.57
NBCB-14-PW-132 (duplicate to PW-131)	6/27/2014	PW	<0.18	<0.13	<0.043	<0.23	<0.67	<0.14	<0.20	<0.18	<0.16	0.59
NBCB-14-PW-134	6/27/2014	PW	<0.17	<0.13	<0.041	<0.22	<0.64	<0.13	<0.19	<0.18	<0.16	0.59

Table 2-3
HVAC On Commercial Air Sampling Results for Pathways
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

(concentrations reported in micrograms per cubic meter)

Sample ID	Sample Date	Sample Type	TCE	cis-1,2-DCE	VC	PCE	trans-1,2-DCE	1,1-DCA	1,2-DCB	1,1,1-TCA	Chloroform	Freon 113
NBCB-15-PW-224	3/12/2015	PW	0.64	<0.12	<0.040	<0.21	<0.62	<0.13	<0.19	<0.17	0.42	0.52
NBCB-15-PW-225	3/12/2015	PW	0.22	<0.12	<0.040	<0.21	<0.62	<0.13	<0.19	<0.17	0.19	0.48
NBCB-15-PW-232	3/12/2015	PW	0.50	<0.12	<0.038	<0.20	<0.59	<0.12	<0.18	<0.16	3.1	0.51
NBCB-15-PW-235	3/12/2015	PW	<0.17	<0.12	<0.040	<0.21	<0.61	<0.12	<0.19	<0.17	0.46	0.46
SPCB-16-PW-185	11/5/2014	PW	<0.17	<0.13	<0.041	<0.22	<0.64	<0.13	<0.19	<0.18	0.52	0.47
SPCB-16-PW-188	11/5/2014	PW	0.52	0.17	<0.026	<0.14	<0.41	<0.083	<0.12	<0.11	0.43	0.29
SPCB-16-PW-189	11/5/2014	PW	0.96	0.31	<0.043	0.28	<0.67	<0.14	<0.20	<0.18	0.52	0.49
SPCB-16-PW-193	11/5/2014	PW	<0.15	<0.11	<0.036	<0.19	<0.55	<0.11	<0.17	<0.15	0.42	0.48
SPCB-16-PW-197	11/5/2014	PW	1.3	<0.13	<0.042	<0.22	<0.66	<0.13	<0.20	<0.18	0.90	0.52
SPCB-16-PW-DUP2 (duplicate to PW-197)	11/5/2014	PW	1.2	<0.13	<0.043	<0.23	<0.66	<0.14	<0.20	<0.18	0.86	0.51

Notes:
1. Sample collected after pathway sealing was implemented.

Units in micrograms per cubic meter (µg/m³) at 25° Celsius and 1 atmosphere

1,1-DCA = 1,1-dichloroethane
1,2-DCB = 1,2-dichlorobenzene
cis-1,2-DCE = cis-1,2-dichloroethene
trans-1,2-DCE = trans-1,2-dichloroethene

PCE = tetrachloroethene
1,1,1-TCA = 1,1,1-trichloroethane
TCE = trichloroethene
VC = vinyl chloride

PW = pathway sample location
GR = grab sample location

J = estimated value

Result received since the previous vapor intrusion data submittal

Table 2-4
HVAC Off Commercial Air Sampling Results for Breathing Zones
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

(concentrations reported in micrograms per cubic meter)

Sample ID	Sample Date	Sample Type	TCE	cis-1,2-DCE	VC	PCE	trans-1,2-DCE	1,1-DCA	1,2-DCB	1,1,1-TCA	Chloroform	Freon 113
Tier 1 - Comparison to Background/Outdoor Ambient Air												
NBCB-8-OA-106	11/7/2013	OA	<0.16	<0.12	<0.038	<0.20	<0.60	<0.12	<0.18	<0.16	0.51	0.73
SPCB-13-OA-12	5/22/2014	OA	<0.19	<0.14	<0.045	<0.24	<0.70	<0.14	<0.21	<0.19	<0.17	0.59
NBCB-1-OA-153	9/14/2014	OA	<0.19	<0.14	<0.045	<0.24	<0.69	<0.14	<0.21	<0.19	<0.17	0.59
NBCB-2-OA-165	9/14/2014	OA	<0.19	<0.14	<0.045	<0.24	<0.69	<0.14	<0.21	<0.19	<0.17	0.65
NBCB-5-OA-174	9/14/2014	OA	<0.18	<0.14	<0.044	<0.23	<0.68	<0.14	<0.20	<0.19	<0.17	0.59
SPCB-13-OA-29	4/8/2015	OA	<0.18	<0.13	<0.042	<0.22	<0.65	<0.13	<0.20	<0.18	<0.16	0.48
SPCB-16-OA-241	4/12/2015	OA	<0.19	<0.14	<0.046	<0.24	<0.70	<0.14	<0.21	<0.19	<0.17	0.48
SPCB-13-OA-33	7/13/2015	OA	<0.17	<0.12	<0.040	<0.21	<0.63	<0.13	<0.19	<0.17	<0.15	0.50
Tier 2 - Comparison to Long-Term Health Risk-Based Screening Criteria												
Industrial/Commercial Screening Level (November 2015)[1,4]			3.0	NA	2.8	2	NA	7.7	880	22,000	0.53	130,000
Tier 3 - Comparison to Short-Term Health Risk-Based Screening Criteria												
Acute Screening Level (September 2015)[2]			NA	793*	1,278	41	793	NA	NA	10,914	488	NA
Short-Term Screening Levels (September 2015)[2]			2	793*	77	41	793	NA	NA	3,820	244	NA
Interim Indoor Short-Term Response Action Levels[3]			7**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indoor Air Sample Results												
NBCB-1-BZ-145	9/14/2014	BZ	<0.18	<0.14	<0.044	<0.23	<0.68	<0.14	<0.20	<0.19	1.5	0.60
NBCB-1-BZ-146	9/14/2014	BZ	<0.18	<0.14	<0.044	<0.23	<0.68	<0.14	<0.20	<0.19	1.3	0.59
NBCB-1-BZ-151	9/14/2014	BZ	<0.19	<0.14	<0.045	<0.24	<0.69	<0.14	<0.21	<0.19	0.42	0.59
NBCB-1-BZ-155	9/14/2014	BZ	<0.19	<0.14	<0.045	<0.24	<0.69	<0.14	<0.21	<0.19	0.29	0.58
NBCB-2-BZ-161	9/14/2014	BZ	<0.18	<0.13	<0.043	<0.23	<0.67	<0.14	<0.20	<0.18	0.20	0.60
NBCB-2-BZ-162	9/14/2014	BZ	<0.18	<0.13	<0.042	<0.22	<0.65	<0.13	<0.20	<0.18	0.37	0.60
NBCB-5-BZ-169	9/14/2014	BZ	1.6	<0.14	<0.044	1.3	<0.68	<0.14	<0.20	<0.19	0.98	0.62
NBCB-5-BZ-172	9/14/2014	BZ	0.23	<0.14	<0.045	<0.24	<0.69	<0.14	<0.21	<0.19	1.5	0.61
NBCB-5-BZ-173	9/14/2014	BZ	<0.19	<0.14	<0.045	<0.24	<0.69	<0.14	<0.21	<0.19	0.83	0.60
NBCB-6-BZ-176	9/14/2014	BZ	0.39	<0.14	<0.045	<0.24	<0.69	<0.14	<0.21	<0.19	0.29	0.62
NBCB-6-BZ-177 (duplicate to BZ-176)	9/14/2014	BZ	0.39	<0.14	<0.044	<0.23	<0.68	<0.14	<0.20	<0.19	0.29	0.63
NBCB-6-BZ-180	9/14/2014	BZ	<0.19	<0.14	<0.045	<0.24	<0.69	<0.14	<0.21	<0.19	0.36	0.62
NBCB-6-BZ-181	9/14/2014	BZ	<0.18	<0.14	<0.044	<0.23	<0.68	<0.14	<0.20	<0.19	0.25	0.63
NBCB-8-BZ-97	11/7/2013	BZ	6.5	4.8	0.47	0.28	<0.65	<0.13	<0.20	<0.18	2.1	0.77
NBCB-8-BZ-98	11/7/2013	BZ	0.48	<0.12	<0.040	0.34	<0.62	<0.13	<0.19	<0.17	0.46	0.72
NBCB-8-BZ-99	11/7/2013	BZ	1.3	<0.12	<0.040	<0.21	<0.62	<0.13	<0.19	<0.17	0.49	0.82
NBCB-8-BZ-100	11/7/2013	BZ	0.77	<0.12	<0.039	1.8	<0.60	<0.12	<0.18	<0.16	0.73	0.72
NBCB-8-BZ-101	11/7/2013	BZ	0.29	<0.12	<0.040	0.23	<0.62	<0.13	<0.19	<0.17	0.50	0.84
NBCB-8-BZ-102	11/7/2013	BZ	0.34	<0.13	<0.041	<0.22	<0.64	<0.13	<0.19	<0.18	0.49	0.74
NBCB-8-BZ-103	11/7/2013	BZ	0.27	<0.12	0.16	<0.21	<0.61	<0.12	<0.18	<0.17	3.4	0.74
NBCB-8-BZ-103-D (duplicate to BZ-103)	11/7/2013	BZ	0.27	<0.12	<0.040	<0.21	<0.62	<0.13	<0.19	<0.17	0.51	0.73
NBCB-8-BZ-104	11/7/2013	BZ	0.80	<0.13	<0.041	<0.22	<0.63	<0.13	<0.19	<0.17	0.46	0.76
NBCB-8-BZ-105	11/7/2013	BZ	14	<0.12	<0.040	2.2	<0.63	<0.13	<0.19	<0.17	0.53	1.2

Table 2-4
HVAC Off Commercial Air Sampling Results for Breathing Zones
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

(concentrations reported in micrograms per cubic meter)

Sample ID	Sample Date	Sample Type	TCE	cis-1,2-DCE	VC	PCE	trans-1,2-DCE	1,1-DCA	1,2-DCB	1,1,1-TCA	Chloroform	Freon 113
SPCB-13-BZ-2	5/22/2014	BZ	1.3	<0.13	<0.042	<0.22	<0.65	<0.13	<0.20	<0.18	0.17	0.62
SPCB-13-BZ-6	5/22/2014	BZ	0.29	<0.14	<0.044	<0.23	<0.68	<0.14	<0.20	<0.19	0.17	0.60
SPCB-13-BZ-8	5/22/2014	BZ	0.36	<0.13	<0.041	<0.22	<0.64	<0.13	<0.19	<0.18	0.17	0.60
SPCB-13-BZ-9	5/22/2014	BZ	1.8	<0.13	<0.042	<0.22	<0.66	<0.13	<0.20	<0.18	0.17	0.73
SPCB-13-BZ-10	5/22/2014	BZ	0.34	<0.13	<0.042	<0.22	<0.65	<0.13	<0.20	<0.18	0.16	0.61
SPCB-13-BZ-11 (duplicate to BZ-8)	5/22/2014	BZ	0.39	<0.14	<0.044	<0.23	<0.68	<0.14	<0.21	<0.19	<0.17	0.58
SPCB-13-BZ-25	4/8/2015	BZ[5]	<0.16	<0.12	<0.039	<0.21	<0.60	<0.12	<0.18	<0.16	<0.15	0.47
SPCB-13-BZ-26	4/8/2015	BZ[5]	<0.16	<0.12	<0.038	<0.20	<0.59	<0.12	<0.18	<0.16	<0.14	0.47
SPCB-13-BZ-29	7/13/2015	BZ[6]	<0.17	<0.12	<0.040	<0.21	<0.62	<0.13	<0.19	<0.17	0.17	0.51
SPCB-13-BZ-30	7/13/2015	BZ[6]	<0.17	<0.13	<0.041	<0.22	<0.64	<0.13	<0.19	<0.18	0.17	0.50
SPCB-13-BZ-31	7/13/2015	BZ[6]	<0.17	<0.13	<0.041	<0.22	<0.64	<0.13	<0.19	<0.18	0.17	0.49
SPCB-13-BZ-32	7/13/2015	BZ[6]	0.18	<0.13	<0.042	<0.22	<0.65	<0.13	<0.20	<0.18	0.16	0.50
SPCB-13-BZ-34 (duplicate to BZ-30)	7/13/2015	BZ[6]	<0.16	<0.12	<0.039	<0.21	<0.61	<0.12	<0.18	<0.17	0.17	0.51
SPCB-16-BZ-228	4/12/2015	BZ	<0.18	<0.13	<0.042	<0.22	<0.65	<0.13	<0.20	<0.18	0.31 M	0.49
SPCB-16-BZ-231	4/12/2015	BZ	1.2	0.24	<0.042	<0.22	<0.66	<0.13	<0.20	<0.18	0.21 M	0.49
SPCB-16-BZ-233	4/12/2015	BZ	6.3	<0.13	<0.041	1.1	<0.64	<0.13	<0.19	<0.18	0.26 M	0.84
SPCB-16-BZ-236	4/12/2015	BZ	<0.18	<0.13	<0.043	<0.23	<0.67	<0.14	<0.20	<0.18	<0.17	0.48
SPCB-16-BZ-238	4/12/2015	BZ	<0.18	<0.13	<0.043	<0.23	<0.67	<0.14	<0.20	<0.18	<0.17	0.49
SPCB-16-BZ-239 (duplicate to BZ-238)	4/12/2015	BZ	<0.18	<0.13	<0.042	<0.22	<0.66	<0.13	<0.20	<0.18	0.16 M	0.48
SPCB-16-BZ-240	4/12/2015	BZ	0.42	<0.13	<0.043	<0.23	<0.67	<0.14	<0.20	<0.18	0.17 M	0.50
SPCB-16-BZ-242	4/12/2015	BZ	<0.18	<0.14	<0.044	0.8	<0.68	<0.14	<0.20	<0.19	0.35 M	0.49
SPCB-16-BZ-245	4/12/2015	BZ	<0.17	<0.13	<0.041	1.2	<0.63	<0.13	<0.19	<0.17	0.25	0.47
SPCB-16-BZ-246 (duplicate to BZ-245)	4/12/2015	BZ	<0.18	<0.13	<0.043	1.1	<0.67	<0.14	<0.20	<0.18	0.25	0.46
SPCB-16-BZ-248	4/12/2015	BZ	<0.18	<0.13	<0.043	<0.23	<0.67	<0.14	<0.20	<0.18	<0.16	0.48
SPCB-16-BZ-249	4/12/2015	BZ	<0.18	<0.14	<0.044	<0.23	<0.68	<0.14	<0.21	<0.19	1.2 M	0.48

Table 2-4
HVAC Off Commercial Air Sampling Results for Breathing Zones
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Notes:

1. USEPA RSLs, revised November 2015. Available at: http://www.epa.gov/region9/superfund/prg/
Industrial Air RSLs are derived for exposure durations of 8 hours per day, 250 days per year for 25 years.

2. Agency for Toxic Substances and Disease Registry (ATSDR) Minimal Risk Levels (MRLs), revised September 2015. Available at: http://www.atsdr.cdc.gov/mrls/mrllist.asp
Acute MRLs are derived for exposure durations of 1 to 14 days. Short-term (intermediate) MRLs are derived for exposure durations of >14 to 364 days.

3. USEPA Interim Indoor Air Short-Term Response Action Levels for TCE (7 $\mu g/m^3$) from memo from USEPA to Region 9 Superfund Division Staff and Management (USEPA 2014). "EPA Region 9 Response Action Levels and Recommendations to Address Near-Term Inhalation Exposures to TCE in Air from Subsurface Vapor Intrusion". July 9.

4. California-modified indoor air screening level for PCE (2 $\mu g/m^3$) from memo from USEPA to Stephen Hill (RWQCB 2013). "EPA Region 9 Guidelines and Supplemental Information Needed for Vapor Intrusion Evaluations at the South Bay National Priorities List (NPL) Sites." December 3.

5. Sample collected with the building's soil vapor extraction system operating.

6. Sample collected without the building's soil vapor extraction system operating.

Units in micrograms per cubic meter ($\mu g/m^3$) at 25° Celsius and 1 atmosphere.

* = trans-1,2-DCE MRLs and RSLs are used for cis-1,2-DCE

** = 10-hour workday as recommended by USEPA for South Bay Sites; 8-hour workday scenario screening level is 8 $\mu g/m^3$.

1,1-DCA = 1,1-dichloroethane
1,2-DCB = 1,2-dichlorobenzene
cis-1,2-DCE = cis-1,2-dichloroethene
trans-1,2-DCE = trans-1,2-dichloroethene
PCE = tetrachloroethene
1,1,1-TCA = 1,1,1-trichloroethane
TCE = trichloroethene
VC = vinyl chloride

BZ = breathing zone sample location
NA = not available
OA = outdoor air sample location

ATSDR = Agency for Toxic Substances and Disease Registry
USEPA = United States Environmental Protection Agency
RSLs = Regional Screening Levels
RWQCB = Regional Water Quality Control Board
MRLs = Minimal Risk Levels

M = Reported value may be biased due to apparent matrix interferences.

Result received since the previous vapor intrusion data submittal

Table 2-5
HVAC Off Commercial Air Sampling Results for Pathways
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

(concentrations reported in micrograms per cubic meter)

Sample ID	Sample Date	Sample Type	TCE	cis-1,2-DCE	VC	PCE	trans-1,2-DCE	1,1-DCA	1,2-DCB	1,1,1-TCA	Chloroform	Freon 113
NBCB-1-PW-144	9/14/2014	PW	<0.19	<0.14	<0.045	<0.24	<0.69	<0.14	<0.21	<0.19	2.7	0.62
NBCB-1-PW-147	9/14/2014	PW	<0.18	<0.13	<0.043	<0.23	<0.67	<0.14	<0.20	<0.18	1.2	0.61
NBCB-1-PW-148	9/14/2014	PW	<0.18	<0.13	<0.043	<0.23	<0.67	<0.14	<0.20	<0.18	0.44	0.58
NBCB-1-PW-149	9/14/2014	PW	<0.18	<0.14	<0.044	<0..23	<0.68	<0.14	<0.21	<0.19	<0.17	0.62
NBCB-1-PW-150 (duplicate to PW-149)	9/14/2014	PW	<0.18	<0.13	<0.043	<0.23	<0.67	<0.14	<0.20	<0.18	<0.16	0.57
NBCB-1-PW-152	9/14/2014	PW	<0.19	<0.14	<0.046	<0.24	<0.71	<0.14	<0.22	<0.20	0.36	0.62
NBCB-1-PW-154	9/14/2014	PW	<0.18	<0.14	<0.044	<0.23	<0.68	<0.14	<0.20	<0.19	0.20	0.60
NBCB-1-PW-156	9/14/2014	PW	<0.18	<0.13	<0.043	<0.23	<0.67	<0.14	<0.20	<0.18	0.39	0.60
NBCB-2-PW-157	9/14/2014	PW	<0.18	<0.13	<0.043	<0.23	<0.67	<0.14	<0.20	<0.18	0.35	0.57
NBCB-2-PW-158	9/14/2014	PW	<0.18	<0.13	<0.043	<0.23	<0.67	<0.14	<0.20	<0.18	0.49	0.59
NBCB-2-PW-159	9/14/2014	PW	<0.18	<0.13	<0.043	<0.23	<0.67	<0.14	<0.20	<0.18	0.18	0.59
NBCB-2-PW-160	9/14/2014	PW	<0.18	<0.13	<0.042	<0.22	<0.65	<0.13	<0.20	<0.18	0.18	0.64
NBCB-2-PW-163	9/14/2014	PW	<0.18	<0.14	<0.044	<0.23	<0.68	<0.14	<0.21	<0.19	0.24	0.57
NBCB-2-PW-164 (duplicate to PW-163)	9/14/2014	PW	<0.18	<0.13	<0.043	<0.23	<0.67	<0.14	<0.20	<0.18	0.26	0.57
NBCB-2-PW-166	9/14/2014	PW	1.5	0.28	<0.044	<0.23	<0.68	<0.14	<0.20	<0.19	0.20	0.62
NBCB-5-PW-167 (duplicate to PW-168)	9/14/2014	PW	0.37	<0.13	<0.043	0.27	<0.67	<0.14	<0.20	<0.18	7.2	0.63
NBCB-5-PW-168	9/14/2014	PW	0.37	<0.14	<0.044	0.28	<0.68	<0.14	<0.20	<0.19	7.3	0.64
NBCB-5-PW-170	9/14/2014	PW	<0.19	<0.14	<0.045	<0.24	<0.69	<0.14	<0.21	<0.19	1.3	0.66
NBCB-5-PW-171	9/14/2014	PW	0.17	<0.12	<0.040	<0.21	<0.61	<0.12	<0.19	<0.17	1.3	0.63
NBCB-5-PW-175	9/14/2014	PW	1.4	<0.14	<0.044	<0.23	<0.68	<0.14	<0.20	<0.19	1.1	0.75
NBCB-6-PW-178	9/14/2014	PW	0.67	0.39	<0.045	<0.24	<0.69	<0.14	<0.21	<0.19	0.48	0.70
NBCB-6-PW-179	9/14/2014	PW	0.20	<0.14	<0.044	<0.23	<0.68	<0.14	<0.20	<0.19	1.2	0.59
NBCB-6-PW-183	9/14/2014	PW	<0.18	<0.14	<0.044	<0.23	<0.68	<0.14	<0.20	<0.19	0.23	0.61
SPCB-13-PW-1	5/22/2014	PW	<0.17	<0.13	<0.041	<0.22	<0.64	<0.13	<0.19	<0.18	0.30	0.60
SPCB-13-PW-3	5/22/2014	PW	8.4	2.0	0.14	1.2	<0.63	<0.13	<0.19	<0.17	7.5	0.91
SPCB-13-PW-4	5/22/2014	PW	0.86	<0.13	<0.042	<0.22	<0.65	<0.13	<0.20	<0.18	0.37	0.60
SPCB-13-PW-5	5/22/2014	PW	0.58	<0.13	<0.042	<0.22	<0.65	<0.13	<0.20	<0.18	0.17	0.66
SPCB-13-PW-7	5/22/2014	PW	6.0	<0.13	<0.041	<0.22	<0.64	<0.13	<0.19	<0.18	0.18	1.2
SPCB-13-PW-27	4/8/2015	PW[1]	<0.16	<0.12	<0.038	<0.20	<0.59	<0.12	<0.18	<0.16	0.22 M	0.47
SPCB-13-PW-28	4/8/2015	PW[1]	<0.17	<0.12	<0.040	<0.21	<0.61	<0.12	<0.19	<0.17	<0.15	0.46
SPCB-16-PW-229	4/12/2015	PW	<0.17	<0.13	<0.041	<0.22	<0.63	<0.13	<0.19	<0.17	0.18 M	0.49
SPCB-16-PW-237	4/12/2015	PW	3.4	0.72	<0.042	<0.22	<0.65	<0.13	<0.20	<0.18	0.75	0.53
SPCB-16-PW-243	4/12/2015	PW	<0.18	<0.13	<0.043	0.56	<0.67	<0.14	<0.20	<0.18	0.71 M	0.48
SPCB-16-PW-244	4/12/2015	PW	1.6	0.40	<0.036	0.94	<0.56	<0.11	<0.17	<0.15	0.57 M	0.51
SPCB-16-PW-247	4/12/2015	PW	<0.18	<0.13	<0.043	<0.23	<0.67	<0.14	<0.20	<0.18	0.24 M	0.49

Table 2-5
HVAC Off Commercial Air Sampling Results for Pathways
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Notes:

1. Sample collected with the building's soil vapor extraction system operating.

Units in micrograms per cubic meter (µg/m³) at 25° Celsius and 1 atmosphere.

1,1-DCA = 1,1-dichloroethane
1,2-DCB = 1,2-dichlorobenzene
cis-1,2-DCE = cis-1,2-dichloroethene
trans-1,2-DCE = trans-1,2-dichloroethene
PCE = tetrachloroethene
1,1,1-TCA = 1,1,1-trichloroethane
TCE = trichloroethene
VC = vinyl chloride

PW = pathway sample location

M = Reported value may be biased due to apparent matrix interferences.

Result received since the previous vapor intrusion data submittal

Table 2-6
Field Screening for VOCs and Methane and Analytical Results for Methane in Soil Vapor
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Vapor Well	notes	Date	Purge Volume[1] (liter)	PID Reading		Helium (ppm)[4]	Helium Under Shroud (%)	Methane (% LEL)	Analytical Results	
				PID-1[2] (ppm)	PID-2[3] (ppm)				Methane (% LEL)	Methane (ppm)
SVP-1	9	5/14/2011	1.2	1.1	3.5	275	35 - 36%	0%	0.0092%	4.6
SVP-1	9	6/20/2011	1.2	1.2	3.6	0	21-23%	0%	0.0090%	4.5
SVP-1		7/7/2011	1.2	na	0.1	<820[5]	26.4%	0%	na	na
SVP-1		7/20/2011	1.2	6.7	13.1	225	28.6%	0%	0.0066%	3.3
SVP-1		8/18/2011	1.2	4.1	4.5	4,000	29.8%	0%	0.0056%	2.8
SVP-1		9/21/2011	1.2	9.4	6.0	125	28.6%	0%	0.034%	17
SVP-1	10	10/26/2011	1.2	14.4	14.9	0	29.5%	0%	0.0132%	6.6
SVP-1	10	11/29/2011	1.2	12.5	13.1	100	27.8%	0%	0.0066%	3.3
SVP-1		12/21/2011	1.2	3.4	3.5	65	28.4%	0%	0.0072%	3.6
SVP-1	11	1/18/2012	1.2	3.1	3.3	15	29.2%	0%	0.0168%	8.4
SVP-1		2/15/2012	1.2	4.2	3.1	0	26.4%	0%	0.108%	54
SVP-1		3/14/2012	1.2	5.6	5.6	30	28.1%	0%	0.240%	120
SVP-1		4/25/2012	1.2	1.6	1.6	15	33.9%	0%	0.056%	28
SVP-1		5/15/2012	1.2	5.8	5.8	15	27.5%	0%	0.028%	14
SVP-1		6/14/2012	1.2	14.6	14.6	0	25.7%	0%	0.22%	110
SVP-1		6/21/2012	1.2	na	na	na	na	0%	na	na
SVP-1		6/28/2012	1.2	na	na	na	na	0%	na	na
SVP-1		7/6/2012	1.2	na	na	na	na	1%	na	na
SVP-1		7/12/2012	1.2	na	na	na	na	0%	na	na
SVP-1		7/18/2012	1.2	4.6	4.6	700	27.1%	0%	<0.0030%	<1.5
SVP-1		7/26/2012	1.2	na	na	na	na	0%	na	na
SVP-1		8/2/2012	1.2	na	na	na	na	0%	na	na
SVP-1		8/9/2012	1.2	na	na	na	na	1%	na	na
SVP-1		8/22/2012	1.2	4.5	4.5	50	25.3%	0%	1.1%	540
SVP-1		8/30/2012	1.2	na	na	na	na	0%	na	na
SVP-1		9/6/2012	1.2	na	na	na	na	0%	na	na
SVP-1		9/13/2012	1.2	na	na	na	na	0%	na	na

Table 2-6
Field Screening for VOCs and Methane and Analytical Results for Methane in Soil Vapor
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Vapor Well	notes	Date	Purge Volume[1] (liter)	PID Reading		Helium (ppm)[4]	Helium Under Shroud (%)	Methane (% LEL)	Analytical Results	
				PID-1[2] (ppm)	PID-2[3] (ppm)				Methane (% LEL)	Methane (ppm)
SVP-1		9/20/2012	1.2	0.5	0.5	200	26.0%	0%	0.0%	5.6
SVP-1		9/28/2012	1.2	na	na	na	na	0%	na	na
SVP-1		10/4/2012	1.2	na	na	na	na	0%	na	na
SVP-1		10/12/2012	1.2	na	na	na	na	0%	na	na
SVP-1		10/17/2012	1.2	na	na	na	na	0%	na	na
SVP-1		10/25/2012	1.2	4.8	4.8	25	29.5%	0%	<0.0030%	<1.5
SVP-1		11/1/2012	1.2	na	na	na	na	0%	na	na
SVP-1		11/8/2012	1.2	na	na	na	na	0%	na	na
SVP-1		11/15/2012	1.2	na	na	na	na	0%	na	na
SVP-1		11/21/2012	1.2	na	na	na	na	0%	na	na
SVP-1		11/28/2012	1.2	4.1	4.1	0	26.2%	0%	<0.0032%	<1.6
SVP-1		12/7/2012	1.2	na	na	na	na	0%	na	na
SVP-1		12/13/2012	1.2	na	na	na	na	0%	na	na
SVP-1		12/20/2012	1.2	2.2	2.2	225	26.1%	0%	<0.0032%	<1.6
SVP-1		1/17/2013	1.2	1.7	1.7	25	24.1%	0%	<0.0032%	<1.6
SVP-1		2/20/2013	1.2	1.3	1.3	0	22.5%	0%	0.0048%	2.4
SVP-1		3/20/2013	1.2	6.3	6.3	50	23.7%	0%	<0.0030%	<1.5
SVP-1		4/25/2013	1.2	3.5	3.5	0	24.4%	0%	<0.0030%	<1.5
SVP-1		5/24/2013	1.2	2.2	2.2	0	22.6%	0%	0.0034%	1.7
SVP-1		6/28/2013	1.2	na	2.9	0	27.3%	0%	<0.0032%	<1.6
SVP-1		7/30/2013	1.2	na	5.2	50	23.7%	0%	<0.0032%	2.1
SVP-1		11/15/2013	1.2	12.7	na	0	24.0%	0%	<0.0032%	<1.6
SVP-1		12/9/2013	1.2	na	8.1	25	23.8%	0%	na	na
SVP-1	13	1/28/2014	1.2	na	7.8	na	15.0%	0%	na	na
SVP-1	13	2/13/2014	1.2	na	8.9	0	14.9%	0%	na	na
SVP-1	13	3/18/2014	1.2	na	3.7	0	na	na	na	na
SVP-1		4/3/2014	1.2	na	6.5	50	20.0%	0%	na	na

Table 2-6
Field Screening for VOCs and Methane and Analytical Results for Methane in Soil Vapor
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Vapor Well	notes	Date	Purge Volume[1] (liter)	PID Reading		Helium (ppm)[4]	Helium Under Shroud (%)	Methane (% LEL)	Analytical Results	
				PID-1[2] (ppm)	PID-2[3] (ppm)				Methane (% LEL)	Methane (ppm)
SVP-1		5/7/2014	1.2	na	9.2	0	15.7%	0%	na	na
SVP-1		8/14/2014	1.2	na	10.5	0	14.5%	0%	na	na
SVP-1		11/24/2014	1.2	na	1.1	na	na	na	na	na
SVP-1		2/24/2015	1.2	na	4.6	na	na	0%	na	na
SVP-1		9/22/2015	1.2	na	2.7	na	15.4%	0%	na	na
SVP-2	9	5/14/2011	1.2	0.6	2.0	0	24 - 25%	0%	0.0042%	2.1
SVP-2	9	6/20/2011	1.2	0.5	3.8	0	29-35%	0%	0.0074%	3.7
SVP-2		7/7/2011	1.2	na	0.2	<800[5]	19.4%	0%	na	na
SVP-2		7/20/2011	1.2	2.2	1.8	50	27.4%	1%	0.0076%	3.8
SVP-2		8/18/2011	1.2	1.0	0.9	0	24.4%	0%	0.066%	33
SVP-2		9/21/2011	1.2	2.3	1.6	0	25.3%	0%	0.30%	150
SVP-2	10	10/26/2011	1.2	50.7	50.7	75	28.8%	0%	2.6%	1,300
SVP-2	10	11/29/2011	1.2	9.6	8.9	0	25.9%	2%	3.8%	1,900
SVP-2		12/21/2011	1.2	2.4	2.5	0	29.9%	0%	1.0%	510
SVP-2	11	1/18/2012	1.2	1.8	1.9	0	27.3%	0%	0.24%	120
SVP-2		2/15/2012	1.2	3.4	3.4	0	27.6%	0%	0.96%	480
SVP-2		3/14/2012	1.2	4.2	4.1	0	26.8%	4%	8.0%	4,000
SVP-2		4/25/2012	1.2	1.0	1.0	750	29.3%	4%	9.4%	4,700
SVP-2		5/15/2012	1.2	2.8	2.8	0	26.9%	8%	14.8%	7,400
SVP-2		6/14/2012	1.2	8.8	8.8	50	28.6%	11%	12.8%	6,400
SVP-2		6/21/2012	1.2	na	na	na	na	4%	na	na
SVP-2		6/28/2012	1.2	na	na	na	na	10%	na	na
SVP-2		7/6/2012	1.2	na	na	na	na	8%	na	na
SVP-2		7/12/2012	1.2	na	na	na	na	2%	na	na
SVP-2		7/18/2012	1.2	2.1	2.1	100	26.3%	1%	7.0%	3500
SVP-2		7/26/2012	1.2	na	na	na	na	3%	na	na
SVP-2		8/2/2012	1.2	na	na	na	na	0%	na	na

Table 2-6
Field Screening for VOCs and Methane and Analytical Results for Methane in Soil Vapor
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Vapor Well	notes	Date	Purge Volume[1] (liter)	PID Reading		Helium (ppm)[4]	Helium Under Shroud (%)	Methane (% LEL)	Analytical Results	
				PID-1[2] (ppm)	PID-2[3] (ppm)				Methane (% LEL)	Methane (ppm)
SVP-2		8/9/2012	1.2	na	na	na	na	1%	na	na
SVP-2		8/22/2012	1.2	0.6	0.6	0	27.8%	0%	0.9%	470
SVP-2		8/30/2012	1.2	na	na	na	na	0%	na	na
SVP-2		9/6/2012	1.2	na	na	na	na	0%	na	na
SVP-2		9/13/2012	1.2	na	na	na	na	0%	na	na
SVP-2		9/20/2012	1.2	0.4	0.4	0	24.4%	0%	1.3%	630
SVP-2		9/28/2012	1.2	na	na	na	na	0%	na	na
SVP-2		10/4/2012	1.2	na	na	na	na	0%	na	na
SVP-2		10/12/2012	1.2	na	na	na	na	0%	na	na
SVP-2		10/17/2012	1.2	na	na	na	na	0%	na	na
SVP-2		10/25/2012	1.2	1.1	1.1	0	27.0%	0%	0.0074%	3.7
SVP-2		11/1/2012	1.2	na	na	na	na	0%	na	na
SVP-2		11/8/2012	1.2	na	na	na	na	0%	na	na
SVP-2		11/15/2012	1.2	na	na	na	na	0%	na	na
SVP-2		11/21/2012	1.2	na	na	na	na	0%	na	na
SVP-2		11/28/2012	1.2	0.8	0.8	0	25.8%	0%	0.0042%	2.1
SVP-2		12/7/2012	1.2	na	na	na	na	0%	na	na
SVP-2		12/13/2012	1.2	na	na	na	na	0%	na	na
SVP-2		12/20/2012	1.2	1.1	1.1	0	27.6%	0%	0.0036%	1.8
SVP-2		1/17/2013	1.2	0.6	0.6	50	30.1%	0%	0.0034%	1.7
SVP-2		2/20/2013	1.2	0.6	0.6	0	26.8%	0%	0.0042%	2.1
SVP-2		3/20/2013	1.2	28.1	28.1	0	22.2%	0%	<0.0030%	<1.5
SVP-2		4/25/2013	1.2	1.3	1.3	0	25.9%	0%	<0.0030%	<1.5
SVP-2		5/24/2013	1.2	0.9	0.9	50	24.2%	0%	0.0038%	1.9
SVP-2		6/28/2013	1.2	na	1.0	350	27.6%	0%	<0.0034%	<0.17
SVP-2		7/30/2013	1.2	na	2.7	50	23.7%	0%	0.0080%	4.0
SVP-2		11/15/2013	1.2	na	8.8	0	35.4%	0%	0.00640%	3.2

Table 2-6
Field Screening for VOCs and Methane and Analytical Results for Methane in Soil Vapor
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Vapor Well	notes	Date	Purge Volume[1] (liter)	PID Reading		Helium (ppm)[4]	Helium Under Shroud (%)	Methane (% LEL)	Analytical Results	
				PID-1[2] (ppm)	PID-2[3] (ppm)				Methane (% LEL)	Methane (ppm)
SVP-2		12/9/2013	1.2	45.4	na	50	23.5%	0%	na	na
SVP-2	13	1/28/2014	1.2	na	0.9	na	na	0%	na	na
SVP-2	13	2/13/2014	1.2	na	1.1	na	na	0%	na	na
SVP-2	13	3/18/2014	1.2	na	2.6	na	na	0%	na	na
SVP-2		4/3/2014	1.2	na	5.6	100	17.5%	0%	na	na
SVP-2		5/7/2014	1.2	na	7.4	25	20.5%	0%	na	na
SVP-2		8/14/2014	1.2	na	6.6	0	16.4%	0%	na	na
SVP-2		11/24/2014	1.2	na	0.9	na	na	na	na	na
SVP-2		2/24/2015	1.2	na	2.9	na	na	2%	na	na
SVP-2		9/22/2015	1.2	na	0.2	na	15.0%	0%	na	na
SVP-3	9	5/13/2011	1.0	6.0	na	na	na	19%	na	na
SVP-3	9	5/25/2011	1.2	na	na	na	na	22%	62%	31,000
SVP-3	9	6/20/2011	1.2	0.6	4.9	0	25-30%	3%	58%	29,000
SVP-3		7/21/2011	1.2	6.6	5.0	0	31.9%	1%	2.4%	1,200
SVP-3		8/18/2011	1.2	30.7	442	na	na	46%	420%	210,000
SVP-3		9/21/2011	1.2	1.5	1.9	na	na	>100%	880%	440,000
SVP-3	10	10/27/2011	1.2	136.8	132.9	na	na	>100%	1160%	580,000
SVP-3		12/1/2011	1.2	96.2	97.8	na	na	>100%	1160%	580,000
SVP-3		12/28/2011	1.2	0.1	0.1	na	na	>100%	1120%	560,000
SVP-3	11	1/20/2012	1.2	0.2	0.2	na	na	>100%	940%	470,000
SVP-3		2/15/2012	1.2	1.6	1.5	na	na	1062%	940%	470,000
SVP-3		3/16/2012	1.2	0.2	0.2	na	na	1178%	1100%	550,000
SVP-3		4/26/2012	1.2	0.1	0.1	na	na	1552%	1440%	720,000
SVP-3		5/16/2012	1.2	397.3	397.2	na	na	1246%	1160%	580,000
SVP-3		6/14/2012	1.2	0.0	0.0	na	na	1164%	1120%	560,000
SVP-3		7/9/2012	1.2	0.1	0.1	na	na	938%	980%	490,000
SVP-3		8/23/2012	1.2	0.1	0.1	na	na	1002%	920%	460,000

Table 2-6
Field Screening for VOCs and Methane and Analytical Results for Methane in Soil Vapor
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Vapor Well	notes	Date	Purge Volume[1] (liter)	PID Reading		Helium (ppm)[4]	Helium Under Shroud (%)	Methane (% LEL)	Analytical Results	
				PID-1[2] (ppm)	PID-2[3] (ppm)				Methane (% LEL)	Methane (ppm)
SVP-3		9/20/2012	1.2	0.0	0.0	na	na	808%	740%	370,000
SVP-3		10/24/2012	1.2	0.2	0.2	na	na	564%	560%	280,000
SVP-3		11/28/2012	1.2	0.0	0.0	na	na	532%	480%	240,000
SVP-3		12/20/2012	1.2	0.8	0.8	na	na	66%	na	na
SVP-3		1/16/2013	1.2	0.2	0.2	na	na	0%	na	na
SVP-3		2/20/2013	1.2	0.1	0.1	na	na	48%	na	na
SVP-3		3/19/2013	1.2	2.0	2.0	na	na	5%	na	na
SVP-3		4/25/2013	1.2	0.2	0.2	na	na	436%	na	na
SVP-3		5/24/2013	1.2	0.1	0.1	na	na	858%	na	na
SVP-3		6/28/2013	1.2	na	0.1	na	na	1080%	na	na
SVP-3		7/30/2013	1.2	na	0.0	na	na	860%	na	na
SVP-3		11/15/2013	1.2	83.8	na	na	na	552%	na	na
SVP-3		12/9/2013	1.2	na	0.0	na	na	508%	na	na
SVP-3	13	1/28/2014	1.2	na	0.1	na	na	1098%	na	na
SVP-3	13	2/13/2014	1.2	na	0.0	na	na	1576%	na	na
SVP-3	13	3/18/2014	1.2	na	0.0	na	na	1576%	na	na
SVP-3		4/3/2014	1.2	na	0.0	na	na	1462%	na	na
SVP-3		5/7/2014	1.2	na	0.0	na	na	1430%	na	na
SVP-3		8/14/2014	1.2	na	0.0	na	na	1146%	na	na
SVP-3		11/25/2014	1.2	na	0.0	na	na	1104%	na	na
SVP-3		1/12/2015	na	na	0.1	na	na	23.5%	na	na
SVP-3		2/4/2015	6	na	0.1	na	na	5.0%	na	na
SVP-3		2/24/2015	1.2	na	0.2	na	na	8.0%	na	na
SVP-3		6/4/2015	1.2	na	0.1	na	na	8.0%	na	na
SVP-3		9/21/2015	1.2	na	0.0	na	na	5.0%	na	na
SVP-4	9	5/13/2011	1.0	13.9	6.4	na	na	32%	na	na
SVP-4	9	5/14/2011	1.2	25.1	37	0	26 - 28%	25%	13.4%	6,700

Table 2-6
Field Screening for VOCs and Methane and Analytical Results for Methane in Soil Vapor
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Vapor Well	notes	Date	Purge Volume[1] (liter)	PID Reading		Helium (ppm)[4]	Helium Under Shroud (%)	Methane (% LEL)	Analytical Results	
				PID-1[2] (ppm)	PID-2[3] (ppm)				Methane (% LEL)	Methane (ppm)
SVP-4	9	6/20/2011	1.2	13.7	45	na	na	0%	na	na
SVP-4		7/21/2011	1.2	36.9	21.8	400	22.8%	21%	12.4%	6,200
SVP-4		8/18/2011	1.2	7.3	6.0	na	na	20%	19.0%	9,500
SVP-4		9/21/2011	1.2	5.8	0.1	na	na	>100%	118%	59,000
SVP-4	10	10/27/2011	1.2	15.6	18.4	na	na	>100%	1520%	760,000
SVP-4		12/1/2011	1.2	19.6	17.6	na	na	>100%	1380%	690,000
SVP-4		12/28/2011	1.2	1.2	1.1	na	na	>100%	260%	130,000
SVP-4	11	1/20/2012	1.2	2.4	2.3	na	na	>100%	118%	59,000
SVP-4		2/15/2012	1.2	0.5	0.5	na	na	644%	620%	310,000
SVP-4		3/16/2012	1.2	0.6	0.6	na	na	1402%	1320%	660,000
SVP-4		4/26/2012	1.2	0.0	0.0	na	na	1892%	1760%	880,000
SVP-4		5/16/2012	1.2	107.4	107.2	na	na	1810%	1680%	840,000
SVP-4		6/14/2012	1.2	5.8	5.8	na	na	1178%	1140%	570,000
SVP-4		7/19/2012	1.2	0.7	0.7	na	na	574%	480%	240,000
SVP-4		8/23/2012	1.2	0.2	0.2	na	na	736%	740%	370,000
SVP-4		9/20/2012	1.2	0.0	0.0	na	na	562%	520%	260,000
SVP-4		10/24/2012	1.2	0.4	0.4	na	na	678%	680.00%	340,000
SVP-4		11/28/2012	1.2	0.0	0.0	na	na	408%	440.00%	220,000
SVP-4		12/20/2012	1.2	1.0	1.0	na	na	0%	na	na
SVP-4		1/15/2013	1.2	0.3	0.3	na	na	0%	na	na
SVP-4		2/20/2013	1.2	0.4	0.4	na	na	0%	na	na
SVP-4		3/19/2013	1.2	6.6	6.6	na	na	0%	na	na
SVP-4		4/25/2013	1.2	1.0	1.0	na	na	0%	na	na
SVP-4		5/24/2013	1.2	0.0	0.0	na	na	1180%	na	na
SVP-4		6/28/2013	1.2	na	0.1	na	na	804%	na	na
SVP-4		7/30/2013	1.2	na	0.1	na	na	790%	na	na
SVP-4		11/15/2013	1.2	na	0.2	na	na	696%	na	na

Table 2-6
Field Screening for VOCs and Methane and Analytical Results for Methane in Soil Vapor
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Vapor Well	notes	Date	Purge Volume[1] (liter)	PID Reading		Helium (ppm)[4]	Helium Under Shroud (%)	Methane (% LEL)	Analytical Results	
				PID-1[2] (ppm)	PID-2[3] (ppm)				Methane (% LEL)	Methane (ppm)
SVP-4		12/9/2013	1.2	na	0.0	na	na	248%	na	na
SVP-4	13	1/28/2014	1.2	na	0.0	na	na	448%	na	na
SVP-4	13	2/13/2014	1.2	na	0.0	na	na	634%	na	na
SVP-4	13	3/18/2014	1.2	na	0.0	na	na	564%	na	na
SVP-4		4/3/2014	1.2	na	0.2	na	na	132%	na	na
SVP-4		5/7/2014	1.2	na	0.0	na	na	834%	na	na
SVP-4		8/14/2014	1.2	na	0.1	na	na	882%	na	na
SVP-4		11/25/2014	1.2	na	0.0	na	na	766%	na	na
SVP-4		1/12/2015	na	na	0.5	na	na	0%	na	na
SVP-4		2/4/2015	6	na	0.2	na	na	0%	na	na
SVP-4		2/24/2015	1.2	na	0.0	na	na	0%	na	na
SVP-4		6/4/2015	1.2	na	0.0	na	na	0%	na	na
SVP-4		9/21/2015	1.2	na	0.0	na	na	0%	na	na
SVP-5	9	5/13/2011	1.2	0	2.6	na	na	0%	na	na
SVP-5	9	6/20/2011	1.2	0.3	0.1	na	na	0%	na	na
SVP-5		7/21/2011	1.2	1.4	1.7	50	25.3%	0%	1.32%	660
SVP-5		8/18/2011	1.2	2.4	1.8	0	26.5%	0%	2.4%	1,200
SVP-5		9/21/2011	1.2	8.8	2.6	0	31.3%	10%	11.6%	5,800
SVP-5	10	10/26/2011	1.2	3.2	2.8	25	28.3%	28%	28.0%	14,000
SVP-5	10	11/29/2011	1.2	6.8	6.6	0	26.8%	0%	0.072%	36
SVP-5		12/22/2011	1.2	0.9	0.8	0	25.5%	0%	0.22%	110
SVP-5	11	1/18/2012	1.2	0.7	0.7	75	28.4%	0%	0.048%	24
SVP-5		2/15/2012	1.2	0.5	0.5	30	31.6%	0%	1.18%	590
SVP-5		3/14/2012	1.2	0.3	0.3	10	31.6%	0%	0.026%	13
SVP-5		4/27/2012	1.2	0.1	0.1	10	27.3%	0%	<0.004%	<2.2
SVP-5		5/16/2012	1.2	0.0	0.0	0	26.6%	0%	0.000%	<1.6
SVP-5		6/15/2012	1.2	22.7	22.7	100	25.7%	2%	<0.0032%	<1.6

Table 2-6
Field Screening for VOCs and Methane and Analytical Results for Methane in Soil Vapor
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Vapor Well	notes	Date	Purge Volume[1] (liter)	PID Reading		Helium (ppm)[4]	Helium Under Shroud (%)	Methane (% LEL)	Analytical Results	
				PID-1[2] (ppm)	PID-2[3] (ppm)				Methane (% LEL)	Methane (ppm)
SVP-5		7/20/2012	1.2	0.2	0.2	0	24.6%	0%	<0.0032%	<1.6
SVP-5		8/23/2012	1.2	0.0	0.0	45	27.2%	0%	<0.0032%	<1.6
SVP-5		9/21/2012	1.2	0.6	0.6	0	26.8%	0%	<0.0032%	<1.6
SVP-5		10/24/2012	1.2	0.3	0.3	50	31.0%	0%	<0.0032%	<1.6
SVP-5		11/28/2012	1.2	23.1	23.1	0	26.1%	0%	<0.0032%	<1.6
SVP-5		12/20/2012	1.2	0.0	0.0	na	na	0%	na	na
SVP-5		1/16/2013	1.2	0.0	0.0	na	na	0%	na	na
SVP-5		2/20/2013	1.2	0.1	0.1	na	na	0%	na	na
SVP-5		3/19/2013	1.2	0.0	0.0	na	na	0%	na	na
SVP-5		4/25/2013	1.2	0.0	0.0	na	na	0%	na	na
SVP-5		5/24/2013	1.2	0.2	0.2	na	na	0%	na	na
SVP-5		6/28/2013	1.2	na	0.4	na	na	0%	na	na
SVP-5		7/30/2013	1.2	na	0.3	na	na	0%	na	na
SVP-5		11/15/2013	1.2	na	1.3	na	na	0%	na	na
SVP-5		12/9/2013	1.2	na	0.1	na	na	0%	na	na
SVP-5	13	1/28/2014	1.2	na	0.5	na	na	0%	na	na
SVP-5	13	2/13/2014	1.2	na	0.1	na	na	1%	na	na
SVP-5	13	3/18/2014	1.2	na	0.0	na	na	1%	na	na
SVP-5		4/3/2014	1.2	na	0.0	na	na	0%	na	na
SVP-5		5/7/2014	1.2	na	0.3	na	na	0%	na	na
SVP-5		8/14/2014	1.2	na	4.7	na	na	2%	na	na
SVP-5		11/25/2014	1.2	na	0.1	na	na	0%	na	na
SVP-5	14, 15	12/22/2014	> 2.0	na	0.0	na	na	2%	na	na
SVP-5		1/12/2015	> 2.0	na	0.2	na	na	0%	na	na
SVP-5		2/4/2015	> 2.0	na	0.1	na	na	0%	na	na
SVP-5		2/24/2015	> 2.0	na	0.1	na	na	0%	na	na
SVP-5		3/31/2015	> 2.0	na	0.0	na	na	0%	na	na

Table 2-6
Field Screening for VOCs and Methane and Analytical Results for Methane in Soil Vapor
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Vapor Well	notes	Date	Purge Volume[1] (liter)	PID Reading		Helium (ppm)[4]	Helium Under Shroud (%)	Methane (% LEL)	Analytical Results	
				PID-1[2] (ppm)	PID-2[3] (ppm)				Methane (% LEL)	Methane (ppm)
SVP-5		4/20/2015	> 2.0	na	0.0	na	na	0%	na	na
SVP-5		5/19/2015	na	na	0.0	na	na	0%	na	na
SVP-5		6/4/2015	1.2	na	0.1	na	na	0%	na	na
SVP-5		6/16/2015	1.0	na	0.8	na	na	0%	na	na
SVP-5		7/22/2015	> 2.0	na	0.0	na	na	0%	na	na
SVP-5		8/19/2015	1.5	na	0.0	na	na	0%	na	na
SVP-5		9/17/2015	1.5	na	0.0	na	na	0%	na	na
SVP-5		9/21/2015	1.2	na	0.6	na	na	0%	na	na
SVP-5		10/22/2015	1.5	na	0.0	na	na	0%	na	na
SVP-5		11/17/2015	1.5	na	0.0	na	na	0%	na	na
SVP-5		12/10/2015	1.5	na	0.0	na	na	0%	na	na
SVP-6	9	5/11/2011	1.2	0.8	5.5	na	na	0%	na	na
SVP-6	9	5/13/2011	1.2	0.2	1.1	na	na	0%	na	na
SVP-6	9	6/20/2011	1.2	0.3	0.3	na	na	0%	na	na
SVP-6		7/21/2011	1.2	1.6	2.1	0	29.6%	0%	0.0036%	1.8
SVP-6		8/17/2011	1.2	1.2	1.4	0	24.8%	8%	18.6%	9,300
SVP-6		8/29/2011	1.2	na	na	na	na	7%	28%	14,000
SVP-6		9/21/2011	1.2	1.1	0.3	na	na	>100%	420%	210,000
SVP-6	10	10/27/2011	1.2	18.3	16.3	na	na	>100%	400%	200,000
SVP-6		12/1/2011	1.2	11.4	11.7	na	na	54%	54%	27,000
SVP-6		12/22/2011	1.2	1.3	1.1	100	31.4%	0%	4.2%	2,100
SVP-6	11	1/18/2012	1.2	0.2	0.2	0	26.9%	16%	13.8%	6,900
SVP-6		2/15/2012	1.2	9.7	9.6	0	25.9%	0%	0.40%	200
SVP-6		3/14/2012	1.2	9.6	9.6	0	25.3%	0%	0.0032%	1.6
SVP-6		4/27/2012	1.2	0.0	0.0	0	25.6%	0%	0.0034%	1.7
SVP-6		5/16/2012	1.2	35.7	35.7	200	27.3%	0%	0.0036%	1.8

Table 2-6
Field Screening for VOCs and Methane and Analytical Results for Methane in Soil Vapor
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Vapor Well	notes	Date	Purge Volume[1] (liter)	PID Reading		Helium (ppm)[4]	Helium Under Shroud (%)	Methane (% LEL)	Analytical Results	
				PID-1[2] (ppm)	PID-2[3] (ppm)				Methane (% LEL)	Methane (ppm)
SVP-6		6/15/2012	1.2	1,386	1,386	0	26.7%	3%	<0.0032%	<1.6
SVP-6		7/20/2012	1.2	0.2	0.2	200	24.2%	0%	0.2200%	110
SVP-6		8/23/2012	1.2	0.2	0.2	500	25.5%	0%	1.42%	710
SVP-6		9/21/2012	1.2	1.1	1.1	75	27.0%	0%	0.042%	21
SVP-6		10/24/2012	1.2	0.2	0.2	75	28.8%	0%	0.040%	20
SVP-6		11/28/2012	1.2	0.0	0.0	50	27.5%	0%	0.019%	9.3
SVP-6		12/20/2012	1.2	0.1	0.1	na	na	0%	na	na
SVP-6		1/15/2013	1.2	0.0	0.0	na	na	0%	na	na
SVP-6		2/20/2013	1.2	0.1	0.1	na	na	0%	na	na
SVP-6		3/19/2013	1.2	0.1	0.1	na	na	0%	na	na
SVP-6		4/25/2013	1.2	0.1	0.1	na	na	0%	na	na
SVP-6		5/24/2013	1.2	0.1	0.1	na	na	0%	na	na
SVP-6		6/28/2013	1.2	na	6.8	na	na	54%	na	na
SVP-6		7/30/2013	1.2	na	0.3	na	na	0%	na	na
SVP-6		11/15/2013	1.2	na	1.0	na	na	0%	na	na
SVP-6		12/9/2013	1.2	na	0.0	na	na	1%	na	na
SVP-6	8,13	1/28/2014	1.2	na	0.0	na	na	1082%	na	na
SVP-6	13	2/13/2014	1.2	na	0.1	na	na	1248%	1200%	600,000
SVP-6	13	3/18/2014	1.2	na	0.0	na	na	1094%	1080%	540,000
SVP-6		4/3/2014	1.2	na	0.0	na	na	13%	13.4%	6,700
SVP-6		5/7/2014	1.2	na	0.0	na	na	388%	260.0%	130,000
SVP-6		6/19/2014	1.2	na	0.7	na	na	188%	10.2%	5,100
SVP-6		7/7/2014	1.2	na	na	na	na	0%	na	na
SVP-6		7/16/2014	1.2	na	0.0	na	na	0%	na	na
SVP-6		8/14/2014	1.2	na	0.4	na	na	4%	na	na
SVP-6		9/29/2014	1.2	na	0.0	na	na	0%	na	na
SVP-6		10/23/2014	1.2	na	0.4	na	na	2%	na	na

Table 2-6
Field Screening for VOCs and Methane and Analytical Results for Methane in Soil Vapor
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Vapor Well	notes	Date	Purge Volume[1] (liter)	PID Reading		Helium (ppm)[4]	Helium Under Shroud (%)	Methane (% LEL)	Analytical Results	
				PID-1[2] (ppm)	PID-2[3] (ppm)				Methane (% LEL)	Methane (ppm)
SVP-6		11/25/2014	1.2	na	0.1	na	na	0%	na	na
SVP-6	14, 15	12/22/2014	> 2.0	na	0.0	na	na	288%	na	na
SVP-6		1/12/2015	> 2.0	na	0.1	na	na	0%	na	na
SVP-6		2/4/2015	> 2.0	na	0.1	na	na	0%	na	na
SVP-6		2/24/2015	> 2.0	na	0.6	na	na	0%	na	na
SVP-6		3/31/2015	> 2.0	na	0.0	na	na	0%	na	na
SVP-6		4/20/2015	> 2.0	na	0.2	na	na	6%	na	na
SVP-6		5/19/2015	na	na	0.3	na	na	0%	na	na
SVP-6		6/4/2015	1.2	na	0.7	na	na	0%	na	na
SVP-6		6/16/2015	1.0	na	2.0	na	na	0%	na	na
SVP-6		7/22/2015	> 2.0	na	0.1	na	na	0%	na	na
SVP-6		8/19/2015	1.5	na	0.0	na	na	0%	na	na
SVP-6		9/17/2015	1.5	na	0.0	na	na	0%	na	na
SVP-6		9/21/2015	1.2	na	0.3	na	na	0%	na	na
SVP-6		10/22/2015	1.5	na	0.0	na	na	0%	na	na
SVP-6		11/17/2015	1.5	na	0.0	na	na	0%	na	na
SVP-6		12/10/2015	1.5	na	0.0	na	na	0%	na	na
SVP-7	9	5/13/2011	1.2	5.2	30.8	na	na	0%	na	na
SVP-7	9	6/20/2011	1.2	0.7	6.7	na	na	0%	na	na
SVP-7		7/21/2011	1.2	3.4	3.5	15	24.9%	0%	<0.0032%	<1.6
SVP-7		8/17/2011	1.2	1.1	1.3	0	29.1%	0%	<0.0032%	<1.6
SVP-7		9/21/2011	1.2	3.8	2.4	na	na	>100%	130%	65,000
SVP-7	10	10/27/2011	1.2	0.7	0.7	na	na	>100%	1040%	520,000
SVP-7	10	11/29/2011	1.2	1.5	1.3	35	27.5%	1%	1.54%	770
SVP-7		12/27/2011	1.2	0.3	0.3	15	27.5%	0%	0.044%	22
SVP-7	11	1/18/2012	1.2	0.2	0.2	0	25.1%	1%	0.0080%	4
SVP-7		2/17/2012	1.2	7.3	7.3	na	na	4%	4.4%	2,200

Table 2-6
Field Screening for VOCs and Methane and Analytical Results for Methane in Soil Vapor
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Vapor Well	notes	Date	Purge Volume[1] (liter)	PID Reading		Helium (ppm)[4]	Helium Under Shroud (%)	Methane (% LEL)	Analytical Results	
				PID-1[2] (ppm)	PID-2[3] (ppm)				Methane (% LEL)	Methane (ppm)
SVP-7		3/16/2012	1.2	5.1	5.0	na	na	542%	340%	170,000
SVP-7		4/26/2012	1.2	0.1	0.1	na	na	1042%	900%	450,000
SVP-7		5/16/2012	1.2	8.1	8.0	0	28.7%	0%	0.08%	40
SVP-7		6/15/2012	1.2	3.6	3.5	25	30.5%	0%	<0.0034%	<1.7
SVP-7		7/20/2012	1.2	2.4	2.4	175	25.6%	0%	<0.0032%	<1.6
SVP-7		8/23/2012	1.2	0.0	0.0	300	25.1%	0%	<0.0032%	<1.6
SVP-7		9/21/2012	1.2	1.3	1.3	0	26.7%	0%	<0.0032%	<1.6
SVP-7		10/24/2012	1.2	0.2	0.2	125	24.7%	0%	<0.0032%	<1.6
SVP-7		11/28/2012	1.2	1.5	1.5	0	25.8%	0%	<0.0034%	<1.7
SVP-7		12/20/2012	1.2	0.3	0.3	na	na	0%	na	na
SVP-7		1/15/2013	1.2	0.0	0.0	na	na	0%	na	na
SVP-7		2/20/2013	1.2	0.1	0.1	na	na	0%	na	na
SVP-7		3/19/2013	1.2	0.6	0.6	na	na	0%	na	na
SVP-7		4/25/2013	1.2	0.1	0.1	na	na	0%	na	na
SVP-7		5/24/2013	1.2	0.1	0.1	na	na	0%	na	na
SVP-7		6/28/2013	1.2	na	0.1	na	na	0%	na	na
SVP-7		7/30/2013	1.2	na	1.0	na	na	2%	na	na
SVP-7		11/15/2013	1.2	na	1.1	na	na	0%	na	na
SVP-7		12/9/2013	1.2	na	0.0	na	na	1%	na	na
SVP-7	13	1/28/2014	1.2	na	0.0	na	na	0%	na	na
SVP-7	13	2/13/2014	1.2	na	0.3	na	na	0%	na	na
SVP-7	13	3/18/2014	1.2	na	1.0	na	na	0%	na	na
SVP-7		4/3/2014	1.2	na	0.4	na	na	0%	na	na
SVP-7		5/7/2014	1.2	na	1.7	na	na	0%	na	na
SVP-7		8/14/2014	1.2	na	0.1	na	na	2%	na	na
SVP-7		9/29/2014	1.2	na	2.1	na	na	0%	na	na
SVP-7		10/23/2014	1.2	na	0.1	na	na	2%	na	na

Table 2-6
Field Screening for VOCs and Methane and Analytical Results for Methane in Soil Vapor
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Vapor Well	notes	Date	Purge Volume[1] (liter)	PID Reading		Helium (ppm)[4]	Helium Under Shroud (%)	Methane (% LEL)	Analytical Results	
				PID-1[2] (ppm)	PID-2[3] (ppm)				Methane (% LEL)	Methane (ppm)
SVP-7		11/25/2014	1.2	na	0.1	na	na	0%	na	na
SVP-7	14, 15	12/22/2014	> 2.0	na	0.0	na	na	152%	na	na
SVP-7		1/12/2015	> 2.0	na	0.2	na	na	0%	na	na
SVP-7		2/4/2015	> 2.0	na	0.3	na	na	0%	na	na
SVP-7		2/24/2015	> 2.0	na	0.0	na	na	0%	na	na
SVP-7		3/31/2015	> 2.0	na	0.1	na	na	0%	na	na
SVP-7		4/20/2015	> 2.0	na	0.2	na	na	0%	na	na
SVP-7		5/19/2015	na	na	0.2	na	na	0%	na	na
SVP-7		6/4/2015	1.2	na	0.0	na	na	0%	na	na
SVP-7		6/16/2015	1.0	na	1.1	na	na	0%	na	na
SVP-7		7/22/2015	> 2.0	na	0.1	na	na	0%	na	na
SVP-7		8/19/2015	1.5	na	0.0	na	na	0%	na	na
SVP-7		9/17/2015	1.5	na	0.0	na	na	0%	na	na
SVP-7		9/21/2015	1.2	na	0.8	na	na	0%	na	na
SVP-7		10/22/2015	1.5	na	0.0	na	na	0%	na	na
SVP-7		11/17/2015	1.5	na	0.0	na	na	0%	na	na
SVP-7		12/10/2015	1.5	na	0.0	na	na	0%	na	na
SVP-8	9	5/13/2011	1.2	8.1	45.9	na	na	0%	na	na
SVP-8	9	6/20/2011	1.2	0.8	2.9	na	na	0%	na	na
SVP-8		7/21/2011	1.2	47.6	60.4	100	32.8%	2%	<0.0034%	<1.7
SVP-8		8/17/2011	1.2	18.7	14.9	6,000	25.3%	0%	<0.0032%	<1.6
SVP-8		9/21/2011	1.2	12.1	8.6	300	22.8%	1%	<0.0032%	<1.6
SVP-8	10	10/26/2011	1.2	4.2	4.3	0	25.8%	0%	0.022%	11
SVP-8	10	11/29/2011	1.2	1.3	1.1	80	26.6%	0%	0.0048%	2.4
SVP-8		12/27/2011	1.2	0.5	0.4	0	28.6%	0%	48%	24,000
SVP-8	11	1/18/2012	1.2	0.4	0.3	0	31.6%	16%	0.15%	76
SVP-8		2/15/2012	1.2	0.6	0.6	20	29.3%	4%	0.0096%	4.8

Table 2-6
Field Screening for VOCs and Methane and Analytical Results for Methane in Soil Vapor
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Vapor Well	notes	Date	Purge Volume[1] (liter)	PID Reading		Helium (ppm)[4]	Helium Under Shroud (%)	Methane (% LEL)	Analytical Results	
				PID-1[2] (ppm)	PID-2[3] (ppm)				Methane (% LEL)	Methane (ppm)
SVP-8		3/14/2012	1.2	0.4	0.4	0	28.3%	0%	0.0044%	2.2
SVP-8		4/25/2012	1.2	0.1	0.1	0	28.1%	35%	2.4%	1,200
SVP-8		5/16/2012	1.2	71.9	71.8	0	26.5%	0%	0.0036%	1.8
SVP-8		6/15/2012	1.2	385.0	385.0	30	27.3%	1%	0.0036%	1.8
SVP-8		7/20/2012	1.2	0.4	0.4	0	27.3%	0%	<0.0036%	<1.8
SVP-8		8/23/2012	1.2	0.0	0.0	0	25.0%	0%	0.0038%	1.9
SVP-8		9/20/2012	1.2	0.8	0.8	0	26.3%	0%	0.0036%	1.8
SVP-8		10/24/2012	1.2	0.2	0.2	150	27.1%	0%	0.0034%	1.7
SVP-8		11/28/2012	1.2	1.7	1.7	0	26.4%	0%	<0.0050%	<2.5
SVP-8		12/20/2012	1.2	0.2	0.2	na	na	0%	na	na
SVP-8		1/15/2013	1.2	0.0	0.0	na	na	0%	na	na
SVP-8		2/20/2013	1.2	0.1	0.1	na	na	0%	na	na
SVP-8		3/19/2013	1.2	0.2	0.2	na	na	0%	na	na
SVP-8		4/25/2013	1.2	0.0	0.0	na	na	0%	na	na
SVP-8		5/24/2013	1.2	0.2	0.2	na	na	2%	na	na
SVP-8		6/28/2013	1.2	na	0.2	na	na	1%	na	na
SVP-8		7/30/2013	1.2	na	2.6	na	na	0%	na	na
SVP-8		11/15/2013	1.2	na	1.2	na	na	0%	na	na
SVP-8		12/9/2013	1.2	na	0.0	na	na	0%	na	na
SVP-8	13	1/28/2014	1.2	na	0.0	na	na	0%	na	na
SVP-8	13	2/13/2014	1.2	na	0.4	na	na	0%	na	na
SVP-8	13	3/18/2014	1.2	na	0.3	na	na	0%	na	na
SVP-8		4/3/2014	1.2	na	0.8	na	na	0%	na	na
SVP-8		5/7/2014	1.2	na	1.3	na	na	0%	na	na
SVP-8		8/14/2014	1.2	na	0.2	na	na	0%	na	na
SVP-8		11/25/2014	1.2	na	0.0	na	na	0%	na	na
SVP-8	14, 15	12/22/2014	na	na	0.0	na	na	8%	na	na

Table 2-6
Field Screening for VOCs and Methane and Analytical Results for Methane in Soil Vapor
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Vapor Well	notes	Date	Purge Volume[1] (liter)	PID Reading		Helium (ppm)[4]	Helium Under Shroud (%)	Methane (% LEL)	Analytical Results	
				PID-1[2] (ppm)	PID-2[3] (ppm)				Methane (% LEL)	Methane (ppm)
SVP-8		1/12/2015	na	na	0.1	na	na	0%	na	na
SVP-8		2/4/2015	6	na	0.1	na	na	0%	na	na
SVP-8		2/24/2015	1.2	na	0.0	na	na	0%	na	na
SVP-8		6/4/2015	1.2	na	0.0	na	na	0%	na	na
SVP-8		9/21/2015	1.2	na	0.0	na	na	0%	na	na
SVP-9	9	5/13/2011	1.2	0.7	10.9	na	na	49%	na	na
SVP-9	9	5/25/2011	1.2	na	na	na	na	6%	6.6%	3,300
SVP-9	9	6/20/2011	1.2	19.2	14.5	0	23-25%	0%	na	na
SVP-9		7/8/2011	1.2	na	na	na	12.7%	na	0.00019%	0.095
SVP-9		7/20/2011	1.2	23.0	26.2	25	36.6%	3%	<0.0032%	<1.6
SVP-9		8/17/2011	1.2	459	488	11,000	26.8%	4%	<0.0032%	<1.6
SVP-9		9/21/2011	1.2	3	3	50	26.5%	0%	0.0038%	1.9
SVP-9	10	10/26/2011	1.2	2.8	2.8	75	26.3%	0%	0.0040%	2
SVP-9	10	11/29/2011	1.2	1.4	1.4	0	27.4%	0%	0.0048%	2.4
SVP-9		12/27/2011	1.2	0.2	0.2	50	33.1%	0%	0.084%	42
SVP-9	11	1/18/2012	1.2	0.8	0.8	25	26.8%	0%	0.0090%	4.5
SVP-9		2/15/2012	1.2	0.3	0.3	0	26.8%	0%	0.0042%	2.1
SVP-9		3/14/2012	1.2	0.1	0.1	20	28.6%	0%	0.0036%	1.8
SVP-9		4/25/2012	1.2	0.2	0.2	0	26.3%	0%	0.12%	61
SVP-9		5/16/2012	1.2	101.7	101.7	100	29.3%	0%	0.0040%	2.0
SVP-9		6/15/2012	1.2	481.0	481.0	0	25.8%	0%	0.0040%	2.0
SVP-9		7/20/2012	1.2	1.5	1.5	0	34.0%	0%	0.0096%	4.8
SVP-9		8/23/2012	1.2	0.4	0.4	0	25.3%	0%	0.0042%	2.1
SVP-9		9/20/2012	1.2	3.4	3.4	0	25.9%	0%	<0.0032%	<1.6
SVP-9		10/24/2012	1.2	0.3	0.3	0	25.1%	0%	0.0038%	1.9
SVP-9		11/28/2012	1.2	5.3	5.3	40	25.3%	0%	0.0108%	5.4
SVP-9		12/20/2012	1.2	0.2	0.2	na	na	0%	na	na

Table 2-6
Field Screening for VOCs and Methane and Analytical Results for Methane in Soil Vapor
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Vapor Well	notes	Date	Purge Volume[1] (liter)	PID Reading		Helium (ppm)[4]	Helium Under Shroud (%)	Methane (% LEL)	Analytical Results	
				PID-1[2] (ppm)	PID-2[3] (ppm)				Methane (% LEL)	Methane (ppm)
SVP-9		1/15/2013	1.2	0.0	0.0	na	na	0%	na	na
SVP-9		2/20/2013	1.2	0.1	0.1	na	na	0%	na	na
SVP-9		3/19/2013	1.2	1.2	1.2	na	na	0%	na	na
SVP-9		4/25/2013	1.2	0.0	0.0	na	na	0%	na	na
SVP-9		5/24/2013	1.2	0.1	0.1	na	na	0%	na	na
SVP-9		6/28/2013	1.2	15.9	na	na	na	0%	na	na
SVP-9		7/30/2013	1.2	10.4	na	na	na	0%	na	na
SVP-9		11/15/2013	1.2	na	0.8	na	na	0%	na	na
SVP-9		12/9/2013	1.2	na	0.0	na	na	0%	na	na
SVP-9	13	1/28/2014	1.2	na	0.0	na	na	0%	na	na
SVP-9	13	2/13/2014	1.2	na	0.5	na	na	0%	na	na
SVP-9	13	3/18/2014	1.2	na	0.6	na	na	0%	na	na
SVP-9		4/3/2014	1.2	na	4.9	na	na	0%	na	na
SVP-9		5/7/2014	1.2	na	1.8	na	na	0%	na	na
SVP-9		8/14/2014	1.2	na	2.2	na	na	0%	na	na
SVP-9		11/25/2014	1.2	na	0.1	na	na	0%	na	na
SVP-9	14, 15	12/22/2014	na	na	0.0	na	na	0%	na	na
SVP-9		2/24/2015	1.2	na	0.0	na	na	0%	na	na
SVP-9		6/4/2015	1.2	na	0.1	na	na	0%	na	na
SVP-9		9/21/2015	1.2	na	0.4	na	na	0%	na	na
SVP-10		7/21/2011	1.2	0.0	0.5	25	26.5%	0%	0.0054%	2.7
SVP-10		8/18/2011	1.2	0.9	0.9	0	28.6%	1%	0.0044%	2.2
SVP-10		9/22/2011	1.2	2.4	2.2	0	29.0%	0%	0.0048%	2.4
SVP-10	10	10/27/2011	1.2	2.1	2.2	0	26.7%	0%	0.011%	5.4
SVP-10	10	11/30/2011	1.2	2.3	2.5	50	29.0%	0%	0.076%	38
SVP-10		12/27/2011	1.2	1.4	1.4	0	27.4%	0%	0.11%	53
SVP-10	11	1/19/2012	1.2	1.5	1.4	15	30.2%	0%	0.019%	9.3

Table 2-6
Field Screening for VOCs and Methane and Analytical Results for Methane in Soil Vapor
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Vapor Well	notes	Date	Purge Volume[1] (liter)	PID Reading		Helium (ppm)[4]	Helium Under Shroud (%)	Methane (% LEL)	Analytical Results	
				PID-1[2] (ppm)	PID-2[3] (ppm)				Methane (% LEL)	Methane (ppm)
SVP-10		2/16/2012	1.2	2.0	1.9	0	25.7%	0%	0.32%	160
SVP-10		3/15/2012	1.2	1.6	1.7	0	28.3%	0%	1.1%	530
SVP-10		4/26/2012	1.2	1.1	1.1	0	25.8%	19%	19.2%	9,600
SVP-10		5/17/2012	1.2	1.1	1.1	0	27.8%	19%	26.0%	13,000
SVP-10		6/14/2012	1.2	0.3	0.3	na	na	122%	26.0%	13,000
SVP-10		6/21/2012	1.2	na	na	na	na	176%	na	na
SVP-10		6/29/2012	1.2	na	na	na	na	186%	na	na
SVP-10		7/6/2012	1.2	na	na	na	na	190%	na	na
SVP-10		7/12/2012	1.2	na	na	na	na	172%	na	na
SVP-10		7/18/2012	1.2	0.5	0.5	na	na	180%	170.0%	85000
SVP-10		7/26/2012	1.2	na	na	na	na	164%	na	na
SVP-10		8/2/2012	1.2	na	na	na	na	176%	na	na
SVP-10		8/9/2012	1.2	na	na	na	na	180%	na	na
SVP-10		8/22/2012	1.2	0.5	0.5	na	na	132%	122.0%	61000
SVP-10		8/30/2012	1.2	na	na	na	na	34%	na	na
SVP-10		9/6/2012	1.2	na	na	na	na	18%	na	na
SVP-10		9/13/2012	1.2	na	na	na	na	12%	na	na
SVP-10		9/20/2012	1.2	1.5	1.5	0	25.4%	2%	4.2%	2100
SVP-10		9/28/2012	1.2	na	na	na	na	1%	na	na
SVP-10		10/4/2012	1.2	na	na	na	na	0%	na	na
SVP-10		10/12/2012	1.2	na	na	na	na	0%	na	na
SVP-10		10/17/2012	1.2	na	na	na	na	0%	na	na
SVP-10		10/25/2012	1.2	1.7	1.7	0	25.1%	0%	<0.0032%	<1.6
SVP-10		11/1/2012	1.2	na	na	na	na	10%	na	na
SVP-10		11/8/2012	1.2	na	na	na	na	41%	na	na
SVP-10		11/15/2012	1.2	na	na	na	na	7%	na	na
SVP-10		11/21/2012	1.2	na	na	na	na	20%	na	na

Table 2-6
Field Screening for VOCs and Methane and Analytical Results for Methane in Soil Vapor
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Vapor Well	notes	Date	Purge Volume[1] (liter)	PID Reading		Helium (ppm)[4]	Helium Under Shroud (%)	Methane (% LEL)	Analytical Results	
				PID-1[2] (ppm)	PID-2[3] (ppm)				Methane (% LEL)	Methane (ppm)
SVP-10		11/28/2012	1.2	1.5	1.5	0	25.2%	44%	48.0%	24000
SVP-10		12/7/2012	1.2	na	na	na	na	61%	na	na
SVP-10		12/13/2012	1.2	na	na	na	na	50%	na	na
SVP-10		12/21/2012	1.2	1.5	1.5	125	26.5%	41%	0.0042%	2.1
SVP-10		1/16/2013	1.2	0.5	0.5	0	25.3%	0%	0.0096%	4.8
SVP-10		2/20/2013	1.2	0.4	0.4	100	24.9%	0%	0.0036%	1.8
SVP-10		3/20/2013	1.2	1.3	1.3	na	na	126%	138.0000%	69000
SVP-10		4/25/2013	1.2	0.7	0.7	na	na	292%	240.0000%	120000
SVP-10		5/24/2013	1.2	269.0	269.0	75	27.5%	2%	<0.0032%	<1.6
SVP-10	6	6/28/2013	2.3	na	1.3	150	28.9%	1%	<0.0032%	<1.6
SVP-10		7/30/2013	2.3	na	0.3	50	25.1%	0%	0.0036%	1.8
SVP-10	12	11/15/2013	2.2	na	2.2	na	na	1%	na	na
SVP-10	12	12/9/2013	2.2	na	0.0	na	na	0%	na	na
SVP-10	13	1/28/2014	2.2	na	0.1	na	na	0%	na	na
SVP-10	13	2/13/2014	2.2	na	0.2	na	na	0%	na	na
SVP-10	13	3/18/2014	2.2	na	0.0	na	na	0%	na	na
SVP-10		4/3/2014	2.2	na	0.0	na	na	0%	na	na
SVP-10		5/7/2014	2.2	na	0.0	na	na	0%	na	na
SVP-10		8/14/2014	2.2	na	0.2	na	na	0%	na	na
SVP-10		11/24/2014	2.2	na	0.3	na	na	0%	na	na
SVP-10	14, 15	12/22/2014	na	na	75.6	na	na	4%	na	na
SVP-10	15	12/29/2014	2.2	na	120	na	na	0%	na	na
SVP-10		1/12/2015	na	na	0.1	na	na	0%	na	na
SVP-10		2/4/2015	6.0	na	0.2	na	na	0%	na	na
SVP-10		2/24/2015	2.2	na	0	na	na	0%	na	na
SVP-10		6/4/2015	2.1	na	0	na	na	0%	na	na
SVP-10		9/21/2015	1.2	na	0	na	na	0%	na	na

Table 2-6
Field Screening for VOCs and Methane and Analytical Results for Methane in Soil Vapor
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Vapor Well	notes	Date	Purge Volume[1] (liter)	PID Reading		Helium (ppm)[4]	Helium Under Shroud (%)	Methane (% LEL)	Analytical Results	
				PID-1[2] (ppm)	PID-2[3] (ppm)				Methane (% LEL)	Methane (ppm)
SVP-11		12/27/2011	1.2	0.3	0.3	na	na	0%	na	na
SVP-11	11	1/20/2012	1.2	0.1	0.1	na	na	0%	na	na
SVP-11		2/17/2012	1.2	0.2	0.2	na	na	0%	na	na
SVP-11		3/16/2012	1.2	0.1	0.1	na	na	0%	na	na
SVP-11		4/25/2012	1.2	0.3	0.3	na	na	0%	na	na
SVP-11		5/15/2012	1.2	0.2	0.2	na	na	0%	na	na
SVP-11		6/15/2012	1.2	0.4	0.4	na	na	0%	na	na
SVP-11		7/18/2012	1.2	0.5	0.5	na	na	0%	na	na
SVP-11		8/21/2012	1.2	0.9	0.9	na	na	0%	na	na
SVP-11		9/21/2012	1.2	0.4	0.4	na	na	0%	na	na
SVP-11		10/24/2012	1.2	0.8	0.8	na	na	0%	na	na
SVP-11		11/28/2012	1.2	0.5	0.5	na	na	0%	na	na
SVP-11		12/20/2012	1.2	0.5	0.5	na	na	0%	na	na
SVP-11		1/15/2013	1.2	0.3	0.3	na	na	0%	na	na
SVP-11		2/20/2013	1.2	0.3	0.3	na	na	0%	na	na
SVP-11		3/20/2013	1.2	2.4	2.4	na	na	0%	na	na
SVP-11		4/25/2013	1.2	0.7	0.7	na	na	0%	na	na
SVP-11		5/24/2013	1.2	0.5	0.5	na	na	0%	na	na
SVP-11		6/28/2013	1.2	na	0.5	na	na	0%	na	na
SVP-11		7/30/2013	1.2	na	1.3	na	na	0%	na	na
SVP-11		11/15/2013	1.2	na	1.8	na	na	0%	na	na
SVP-11		12/9/2013	1.2	na	0.3	na	na	0%	na	na
SVP-11	13	1/28/2014	1.2	na	1.3	na	na	0%	na	na
SVP-11	13	2/13/2014	1.2	na	0.0	na	na	0%	na	na
SVP-11	7,13	3/18/2014	na	na	na	na	na	na	na	na
SVP-11		4/3/2014	1.2	na	0.9	na	na	0%	na	na
SVP-11		5/8/2014	1.2	na	1.7	0	17.6%	0%	na	na

Table 2-6
Field Screening for VOCs and Methane and Analytical Results for Methane in Soil Vapor
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Vapor Well	notes	Date	Purge Volume[1] (liter)	PID Reading		Helium (ppm)[4]	Helium Under Shroud (%)	Methane (% LEL)	Analytical Results	
				PID-1[2] (ppm)	PID-2[3] (ppm)				Methane (% LEL)	Methane (ppm)
SVP-11	7	6/19/2014	na	na	na	na	na	na	na	na
SVP-11		7/16/2014	na	na	2.0	na	na	0%	na	na
SVP-11		8/14/2014	1.2	na	0.8	0	15.6%	0%	na	na
SVP-11		9/29/2014	1.2	na	1.9	na	na	0%	na	na
SVP-11		10/23/2014	1.2	na	0.7	na	na	0%	na	na
SVP-11		11/24/2014	1.2	na	0.7	na	14.6%	0%	na	na
SVP-11		2/24/2015	1.2	na	0.9	0	12.0%	3%	na	na
SVP-11		3/31/2015	> 2.0	na	0.5	na	na	0%	na	na
SVP-11	7	4/20/2015	na	na	na	na	na	na	na	na
SVP-11		5/19/2015	1.0	na	0.5	na	na	0%	na	na
SVP-11		6/4/2015	1.2	na	1.1	na	na	2.7%	na	na
SVP-11		6/17/2015	1.0	na	1.6	na	na	0%	na	na
SVP-11		7/22/2015	> 2.0	na	1.2	na	na	0%	na	na
SVP-11		8/19/2015	1.5	na	1.0	na	na	0%	na	na
SVP-11		9/17/2015	1.5	na	1.3	na	na	0%	na	na
SVP-11		9/21/2015	1.2	na	1.1	na	15.0%	0%	na	na
SVP-11		10/22/2015	1.5	na	1.1	na	na	0%	na	na
SVP-11		11/17/2015	1.5	na	0.9	na	na	0%	na	na
SVP-11		12/10/2015	1.5	na	0.7	na	na	0%	na	na
SVP-12		12/27/2011	1.2	0.2	0.1	na	na	132%	110%	55,000
SVP-12	10	1/20/2012	1.2	0.1	0.1	na	na	150%	na	na
SVP-12		2/17/2012	1.2	0.2	0.3	na	na	66%	na	na
SVP-12		3/16/2012	1.2	0.0	0.0	na	na	46%	na	na
SVP-12		4/25/2012	1.2	0.6	0.6	na	na	42%	na	na
SVP-12		5/15/2012	1.2	0.5	0.5	na	na	8%	na	na
SVP-12		6/15/2012	1.2	0.3	0.3	na	na	6%	na	na
SVP-12		7/18/2012	1.2	0.3	0.3	na	na	4%	na	na

Table 2-6
Field Screening for VOCs and Methane and Analytical Results for Methane in Soil Vapor
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Vapor Well	notes	Date	Purge Volume[1] (liter)	PID Reading		Helium (ppm)[4]	Helium Under Shroud (%)	Methane (% LEL)	Analytical Results	
				PID-1[2] (ppm)	PID-2[3] (ppm)				Methane (% LEL)	Methane (ppm)
SVP-12		8/21/2012	1.2	0.5	0.5	na	na	0%	na	na
SVP-12		9/18/2012	1.2	0.5	0.5	na	na	0%	na	na
SVP-12		10/24/2012	1.2	0.6	0.6	na	na	0%	na	na
SVP-12		11/28/2012	1.2	0.4	0.4	na	na	0%	na	na
SVP-12		12/20/2012	1.2	0.4	0.4	na	na	0%	na	na
SVP-12		1/15/2013	1.2	0.3	0.3	na	na	0%	na	na
SVP-12		2/20/2013	1.2	0.2	0.2	na	na	0%	na	na
SVP-12		3/19/2013	1.2	0.4	0.4	na	na	0%	na	na
SVP-12		4/25/2013	1.2	0.6	0.6	na	na	0%	na	na
SVP-12		5/24/2013	1.2	0.5	0.5	na	na	0%	na	na
SVP-12		6/28/2013	1.2	na	0.7	na	na	0%	na	na
SVP-12		7/30/2013	1.2	na	0.7	na	na	0%	na	na
SVP-12		11/15/2013	1.2	17.8	na	na	na	0%	na	na
SVP-12		12/9/2013	1.2	na	0.0	na	na	0%	na	na
SVP-12	13	1/28/2014	1.2	na	0.4	na	na	0%	na	na
SVP-12	13	2/13/2014	1.2	na	0.0	na	na	0%	na	na
SVP-12	13	3/18/2014	1.2	na	0.8	na	na	0%	na	na
SVP-12		4/3/2014	1.2	na	0.8	na	na	0%	na	na
SVP-12		5/8/2014	1.2	na	1.7	0	15.3%	0%	na	na
SVP-12		6/19/2014	1.2	na	1.2	na	na	0%	na	na
SVP-12		7/16/2014	1.2	na	0.9	na	na	0%	na	na
SVP-12		8/14/2014	1.2	na	0.8	0	15.7%	0%	na	na
SVP-12		9/29/2014	1.2	na	0.9	na	na	0%	na	na
SVP-12		10/23/2014	1.2	na	0.8	na	na	0%	na	na
SVP-12		11/24/2014	1.2	na	0.6	0	15.1%	0%	na	na
SVP-12	14, 15	12/22/2014	> 2.0	na	0.0	na	na	2%	na	na
SVP-12		2/4/2015	6	na	0.0	na	na	0%	na	na
SVP-12		2/24/2015	1.2	na	0.8	0.0	15.0%	1%	na	na

Table 2-6
Field Screening for VOCs and Methane and Analytical Results for Methane in Soil Vapor
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Vapor Well	notes	Date	Purge Volume[1] (liter)	PID Reading		Helium (ppm)[4]	Helium Under Shroud (%)	Methane (% LEL)	Analytical Results	
				PID-1[2] (ppm)	PID-2[3] (ppm)				Methane (% LEL)	Methane (ppm)
SVP-12		3/31/2015	> 2.0	na	0.2	na	na	0%	na	na
SVP-12		4/20/2015	> 2.0	na	0.1	na	na	0%	na	na
SVP-12		5/19/2015	na	na	0.4	na	na	0%	na	na
SVP-12		6/4/2015	1.2	na	0.7	na	na	1.1%	na	na
SVP-12		6/17/2015	1.0	na	1.5	na	na	0%	na	na
SVP-12		7/22/2015	> 2.0	na	0.9	na	na	0%	na	na
SVP-12		8/19/2015	1.5	na	0.8	na	na	0%	na	na
SVP-12		9/17/2015	1.5	na	1.0	na	na	0%	na	na
SVP-12		9/21/2015	1.2	na	1.5	na	15.1%	0%	na	na
SVP-12		10/22/2015	1.5	na	0.9	na	na	0%	na	na
SVP-12		11/17/2015	1.5	na	0.9	na	na	0%	na	na
SVP-12		12/10/2015	1.5	na	0.9	na	na	0%	na	na
SVP-13		12/27/2011	1.2	2.1	1.9	na	na	0%	na	na
SVP-13	11	1/20/2012	1.2	6.2	6.4	na	na	0%	na	na
SVP-13		2/17/2012	1.2	5.3	5.5	na	na	0%	na	na
SVP-13		3/16/2012	1.2	11.9	11.9	na	na	0%	na	na
SVP-13		4/25/2012	1.2	7.1	7.1	na	na	0%	na	na
SVP-13		5/15/2012	1.2	8.2	8.2	na	na	0%	na	na
SVP-13		6/15/2012	1.2	8.1	8.1	na	na	0%	na	na
SVP-13		7/18/2012	1.2	7.9	7.9	na	na	0%	na	na
SVP-13		8/21/2012	1.2	14.4	14.4	na	na	0%	na	na
SVP-13		9/18/2012	1.2	12.6	12.6	na	na	0%	na	na
SVP-13		10/24/2012	1.2	15.4	15.4	na	na	0%	na	na
SVP-13		11/28/2012	1.2	13.6	13.6	na	na	0%	na	na
SVP-13		12/20/2012	1.2	10.6	10.6	na	na	0%	na	na
SVP-13		1/15/2013	1.2	6.8	6.8	na	na	0%	na	na
SVP-13		2/20/2013	1.2	6.3	6.3	na	na	0%	na	na

Table 2-6
Field Screening for VOCs and Methane and Analytical Results for Methane in Soil Vapor
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Vapor Well	notes	Date	Purge Volume[1] (liter)	PID Reading		Helium (ppm)[4]	Helium Under Shroud (%)	Methane (% LEL)	Analytical Results	
				PID-1[2] (ppm)	PID-2[3] (ppm)				Methane (% LEL)	Methane (ppm)
SVP-13		3/19/2013	1.2	12.6	12.6	na	na	0%	na	na
SVP-13		4/25/2013	1.2	15.9	15.9	na	na	0%	na	na
SVP-13		5/24/2013	1.2	10.1	10.1	na	na	0%	na	na
SVP-13		6/28/2013	1.2	na	6.4	na	na	0%	na	na
SVP-13		7/30/2013	1.2	12.6	na	na	na	0%	na	na
SVP-13		11/15/2013	1.2	17.6	na	na	na	0%	na	na
SVP-13		12/9/2013	1.2	na	5.6	na	na	0%	na	na
SVP-13	13	1/28/2014	1.2	na	10.0	na	na	0%	na	na
SVP-13	13	2/13/2014	1.2	na	11.0	na	na	0%	na	na
SVP-13	13	3/18/2014	1.2	na	7.7	na	na	0%	na	na
SVP-13		4/3/2014	1.2	na	1.3	na	na	0%	na	na
SVP-13		5/8/2014	1.2	na	27.3	25	22.9%	0%	na	na
SVP-13		6/19/2014	1.2	na	8.2	na	na	0%	na	na
SVP-13		7/16/2014	1.2	na	30.1	na	na	0%	na	na
SVP-13		8/14/2014	1.2	na	12.8	0	15.4%	2%	na	na
SVP-13		9/29/2014	1.2	na	26.2	na	na	0%	na	na
SVP-13		10/23/2014	1.2	na	11.1	na	na	0%	na	na
SVP-13		11/24/2014	1.2	na	10.2	0	20.8%	0%	na	na
SVP-13	14, 15	12/22/2014	> 2.0	na	0.7	na	na	2%	na	na
SVP-13		2/4/2015	6	na	8.9	na	na	0%	na	na
SVP-13		2/24/2015	1.2	na	14.9	0	15.0%	2%	na	na
SVP-13		3/31/2015	> 2.0	na	0.7	na	na	0%	na	na
SVP-13		4/20/2015	> 2.0	na	0.0	na	na	0%	na	na
SVP-13	7	5/19/2015	na	na	na	na	na	na	na	na
SVP-13		6/4/2015	1.2	na	13.6	na	na	1.8%	na	na
SVP-13		6/17/2015	1.0	na	11.0	na	na	0%	na	na
SVP-13		7/22/2015	> 2.0	na	16.9	na	na	0%	na	na

Table 2-6
Field Screening for VOCs and Methane and Analytical Results for Methane in Soil Vapor
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Vapor Well	notes	Date	Purge Volume[1] (liter)	PID Reading		Helium (ppm)[4]	Helium Under Shroud (%)	Methane (% LEL)	Analytical Results	
				PID-1[2] (ppm)	PID-2[3] (ppm)				Methane (% LEL)	Methane (ppm)
SVP-13		8/19/2015	1.5	na	17.1	na	na	0%	na	na
SVP-13		9/17/2015	1.5	na	18.1	na	na	0%	na	na
SVP-13		9/21/2015	1.2	na	18.4	na	15.5%	0%	na	na
SVP-13		10/22/2015	1.5	na	17.2	na	na	0%	na	na
SVP-13		11/17/2015	1.5	na	12.9	na	na	0%	na	na
SVP-13		12/10/2015	1.5	na	11.7	na	na	0%	na	na
SVP-14		12/27/2011	1.2	0.5	0.4	na	na	0%	na	na
SVP-14	11	1/20/2012	1.2	0.8	0.7	na	na	0%	na	na
SVP-14		2/17/2012	1.2	0.6	0.6	na	na	0%	na	na
SVP-14		3/16/2012	1.2	0.0	0.0	na	na	0%	na	na
SVP-14		4/25/2012	1.2	0.0	0.0	na	na	0%	na	na
SVP-14		5/15/2012	1.2	0.0	0.0	na	na	0%	na	na
SVP-14		6/15/2012	1.2	0.0	0.0	na	na	0%	na	na
SVP-14		7/18/2012	1.2	0.0	0.0	na	na	0%	na	na
SVP-14		8/21/2012	1.2	0.0	0.0	na	na	0%	na	na
SVP-14		9/18/2012	1.2	0.0	0.0	na	na	0%	na	na
SVP-14		10/24/2012	1.2	0.6	0.6	na	na	0%	na	na
SVP-14		11/28/2012	1.2	0.4	0.4	na	na	0%	na	na
SVP-14	7	12/20/2012	na	na	na	na	na	na	na	na
SVP-14	7	1/15/2013	na	na	na	na	na	na	na	na
SVP-14		2/20/2013	1.2	0.2	0.2	na	na	na	na	na
SVP-14		3/19/2013	1.2	0.3	0.3	na	na	na	na	na
SVP-14		4/25/2013	1.2	0.5	0.5	na	na	0%	na	na
SVP-14		5/24/2013	1.2	0.4	0.4	na	na	0%	na	na
SVP-14		6/28/2013	na	na	na	na	na	na	na	na
SVP-14		7/30/2013	1.2	na	0.4	na	na	0%	na	na
SVP-14		11/15/2013	1.2	na	1.1	na	na	0%	na	na

Table 2-6
Field Screening for VOCs and Methane and Analytical Results for Methane in Soil Vapor
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Vapor Well	notes	Date	Purge Volume[1] (liter)	PID Reading		Helium (ppm)[4]	Helium Under Shroud (%)	Methane (% LEL)	Analytical Results	
				PID-1[2] (ppm)	PID-2[3] (ppm)				Methane (% LEL)	Methane (ppm)
SVP-14		12/9/2013	1.2	na	0.0	na	na	0%	na	na
SVP-14	7,13	1/28/2014	na	na	na	na	na	na	na	na
SVP-14	13	2/13/2014	1.2	na	1.0	na	na	0%	na	na
SVP-14	13	3/18/2014	1.2	na	0.0	na	na	0%	na	na
SVP-14		4/3/2014	1.2	na	0.2	na	na	0%	na	na
SVP-14		5/8/2014	1.2	na	0.7	0	18.8%	0%	na	na
SVP-14		6/19/2014	1.2	na	0.4	na	na	0%	na	na
SVP-14		7/16/2014	1.2	na	0.2	na	na	0%	na	na
SVP-14		8/14/2014	1.2	na	0.4	50	17.4%	0%	na	na
SVP-14		9/29/2014	1.2	na	0.3	na	na	0%	na	na
SVP-14		10/23/2014	1.2	na	0.4	na	na	0%	na	na
SVP-14	7	11/24/2014	na	na	na	na	na	na	na	na
SVP-14		2/24/2015	1.2	na	0.2	0	15.0%	1%	na	na
SVP-14		3/31/2015	> 2.0	na	0.2	na	na	0%	na	na
SVP-14		4/20/2015	> 2.0	na	0.1	na	na	0%	na	na
SVP-14		5/19/2015	na	na	0.0	na	na	0%	na	na
SVP-14		6/4/2015	1.2	na	0.3	na	na	0.7%	na	na
SVP-14		6/17/2015	1.0	na	0.5	na	na	0%	na	na
SVP-14	7	7/22/2015	na	na	na	na	na	na	na	na
SVP-14	7	8/19/2015	na	na	na	na	na	na	na	na
SVP-14	7	9/15/2015	na	na	na	na	na	na	na	na
SVP-14		9/21/2015	1.2	na	0.1	na	15.0%	0%	na	na
SVP-14	7	10/22/2015	na	na	na	na	na	na	na	na
SVP-14		11/17/2015	1.5	na	0.0	na	na	0.0%	na	na
SVP-14		12/10/2015	1.5	na	0.2	na	na	0.0%	na	na
SVP-15		12/27/2011	1.2	0.4	0.4	na	na	0%	na	na
SVP-15	11	1/20/2012	1.2	0.3	0.3	na	na	0%	na	na

Table 2-6
Field Screening for VOCs and Methane and Analytical Results for Methane in Soil Vapor
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Vapor Well	notes	Date	Purge Volume[1] (liter)	PID Reading		Helium (ppm)[4]	Helium Under Shroud (%)	Methane (% LEL)	Analytical Results	
				PID-1[2] (ppm)	PID-2[3] (ppm)				Methane (% LEL)	Methane (ppm)
SVP-15		2/17/2012	1.2	0.2	0.1	na	na	0%	na	na
SVP-15		3/16/2012	1.2	0.0	0.0	na	na	0%	na	na
SVP-15		4/25/2012	1.2	0.0	0.0	na	na	0%	na	na
SVP-15		5/15/2012	1.2	0.0	0.0	na	na	0%	na	na
SVP-15		6/15/2012	1.2	0.0	0.0	na	na	0%	na	na
SVP-15		7/18/2012	1.2	0.0	0.0	na	na	0%	na	na
SVP-15		8/21/2012	1.2	0.0	0.0	na	na	0%	na	na
SVP-15		9/21/2012	1.2	0.0	0.0	na	na	0%	na	na
SVP-15		10/24/2012	1.2	0.0	0.0	na	na	0%	na	na
SVP-15		11/28/2012	1.2	0.0	0.0	na	na	0%	na	na
SVP-15		12/20/2012	1.2	0.6	0.6	na	na	0%	na	na
SVP-15		1/15/2013	1.2	0.3	0.3	na	na	0%	na	na
SVP-15		2/20/2013	1.2	0.1	0.1	na	na	0%	na	na
SVP-15		3/19/2013	1.2	0.2	0.2	na	na	0%	na	na
SVP-15		4/25/2013	1.2	0.6	0.6	na	na	0%	na	na
SVP-15		5/24/2013	1.2	0.2	0.2	na	na	0%	na	na
SVP-15		6/28/2013	1.2	na	0.2	na	na	0%	na	na
SVP-15		7/30/2013	1.2	na	0.0	na	na	0%	na	na
SVP-15		11/15/2013	1.2	na	1.2	na	na	0%	na	na
SVP-15	7	12/9/2013	na	na	na	na	na	na	na	na
SVP-15	13	1/28/2014	1.2	na	0.4	na	na	0%	na	na
SVP-15	7,13	2/13/2014	na	na	na	na	na	na	na	na
SVP-15	13	3/18/2014	1.2	na	0.1	na	na	0%	na	na
SVP-15		4/3/2014	1.2	na	0.0	na	na	0%	na	na
SVP-15		5/8/2014	1.2	na	0.6	0	17.0%	0%	na	na
SVP-15		6/19/2014	1.2	na	0.5	na	na	0%	na	na
SVP-15		7/16/2014	1.2	na	0.1	na	na	0%	na	na

Table 2-6
Field Screening for VOCs and Methane and Analytical Results for Methane in Soil Vapor
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Vapor Well	notes	Date	Purge Volume[1] (liter)	PID Reading		Helium (ppm)[4]	Helium Under Shroud (%)	Methane (% LEL)	Analytical Results	
				PID-1[2] (ppm)	PID-2[3] (ppm)				Methane (% LEL)	Methane (ppm)
SVP-15	7	8/14/2014	na	na	na	na	na	na	na	na
SVP-15		9/29/2014	1.2	na	0.8	na	na	0%	na	na
SVP-15		10/23/2014	1.2	na	0.1	na	na	0%	na	na
SVP-15		11/24/2014	1.2	na	0.1	0	18.3%	0%	na	na
SVP-15		2/24/2015	1.2	na	0.0	0	16.0%	0%	na	na
SVP-15		3/31/2015	> 2.0	na	0.1	na	na	0%	na	na
SVP-15	7	4/20/2015	na	na	na	na	na	na	na	na
SVP-15	7	5/19/2015	na	na	na	na	na	na	na	na
SVP-15		6/4/2015	1.2	na	0	na	na	0%	na	na
SVP-15		6/17/2015	1.0	na	0	na	na	0%	na	na
SVP-15	7	7/22/2015	na	na	na	na	na	na	na	na
SVP-15	7	8/19/2015	na	na	na	na	na	na	na	na
SVP-15	7	9/17/2015	na	na	na	na	na	na	na	na
SVP-15		9/21/2015	1.2	na	2.1	na	14.5%	0%	na	na
SVP-15	7	10/22/2015	na	na	na	na	na	na	na	na
SVP-15	7	11/17/2015	na	na	na	na	na	na	na	na
SVP-15	7	12/10/2015	na	na	na	na	na	na	na	na
SVP-17	10	11/11/2011	1.2	12.3	12.6	100	29.8%	0%	<0.0032%	<1.6
SVP-17	10	11/30/2011	1.2	9.9	9.5	0	26.4%	0%	<0.0032%	<1.6
SVP-17		12/27/2011	1.2	3.5	3.3	75	26.9%	0%	0.0044%	2.2
SVP-17	11	1/19/2012	1.2	3.8	3.7	0	28.6%	0%	0.0040%	2.0
SVP-17		2/16/2012	1.2	6.7	6.7	500	25.9%	0%	0.0036%	1.8
SVP-17		3/15/2012	1.2	3.8	3.8	0	27.6%	0%	<0.0032%	<1.6
SVP-17		4/26/2012	1.2	2.5	2.5	100	27.3%	0%	0.0048%	2.4
SVP-17		5/16/2012	1.2	1.5	1.5	75	26.3%	0%	0.0076%	3.8
SVP-17		6/14/2012	1.2	4.3	4.2	0	26.3%	2%	0.0062%	3.1
SVP-17		6/21/2012	1.2	na	na	na	na	0%	na	na

Table 2-6
Field Screening for VOCs and Methane and Analytical Results for Methane in Soil Vapor
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Vapor Well	notes	Date	Purge Volume[1] (liter)	PID Reading		Helium (ppm)[4]	Helium Under Shroud (%)	Methane (% LEL)	Analytical Results	
				PID-1[2] (ppm)	PID-2[3] (ppm)				Methane (% LEL)	Methane (ppm)
SVP-17		6/29/2012	1.2	na	na	na	na	0%	na	na
SVP-17		7/6/2012	1.2	na	na	na	na	1%	na	na
SVP-17		7/12/2012	1.2	na	na	na	na	0%	na	na
SVP-17		7/18/2012	1.2	6.7	6.7	75	25.9%	0%	0.0098%	4.9
SVP-17		7/26/2012	1.2	na	na	na	na	0%	na	na
SVP-17		8/2/2012	1.2	na	na	na	na	0%	na	na
SVP-17		8/9/2012	1.2	na	na	na	na	1%	na	na
SVP-17		8/22/2012	1.2	2.2	2.2	0	25.7%	0%	0.0046%	2.3
SVP-17		8/30/2012	1.2	na	na	na	na	0%	na	na
SVP-17		9/6/2012	1.2	na	na	na	na	0%	na	na
SVP-17		9/13/2012	1.2	na	na	na	na	0%	na	na
SVP-17		9/20/2012	1.2	0.5	0.5	100	25.7%	0%	0.0046%	2.3
SVP-17		9/28/2012	1.2	na	na	na	na	0%	na	na
SVP-17		10/4/2012	1.2	na	na	na	na	0%	na	na
SVP-17		10/12/2012	1.2	na	na	na	na	0%	na	na
SVP-17		10/17/2012	1.2	na	na	na	na	0%	na	na
SVP-17		10/25/2012	1.2	2.9	2.9	50	24.4%	0%	0.0068%	3.4
SVP-17		11/1/2012	1.2	na	na	na	na	0%	na	na
SVP-17		11/8/2012	1.2	na	na	na	na	0%	na	na
SVP-17		11/15/2012	1.2	na	na	na	na	0%	na	na
SVP-17		11/21/2012	1.2	na	na	na	na	1%	na	na
SVP-17		11/28/2012	1.2	1.8	1.8	75	28.1%	0%	0.0056%	2.8
SVP-17		12/7/2012	1.2	na	na	na	na	0%	na	na
SVP-17		12/13/2012	1.2	na	na	na	na	0%	na	na
SVP-17		12/21/2012	1.2	2.4	2.4	75	24.0%	0%	0.0068%	3.4
SVP-17		1/16/2013	1.2	1.5	1.5	50	33.0%	0%	0.0060%	3.0
SVP-17		2/20/2013	1.2	1.2	1.2	50	27.0%	0%	0.0062%	3.1

Table 2-6
Field Screening for VOCs and Methane and Analytical Results for Methane in Soil Vapor
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Vapor Well	notes	Date	Purge Volume[1] (liter)	PID Reading		Helium (ppm)[4]	Helium Under Shroud (%)	Methane (% LEL)	Analytical Results	
				PID-1[2] (ppm)	PID-2[3] (ppm)				Methane (% LEL)	Methane (ppm)
SVP-17		3/20/2013	1.2	1.7	1.7	225	27.0%	0%	0.0460%	23.0
SVP-17		4/25/2013	1.2	12.6	12.6	0	23.5%	0%	0.0082%	4.1
SVP-17		5/24/2013	1.2	254	254	0	30.4%	8%	0.4000%	200.0
SVP-17	6	6/28/2013	3.5	na	1.1	125	29.2%	0%	0.0040%	2.0
SVP-17		7/30/2013	3.4	na	0.4	325	24.9%	0%	0.0060%	3.0
SVP-17	12	11/15/2013	3.4	na	0.8	na	na	1%	na	na
SVP-17	12	12/9/2013	3.4	na	3.8	na	na	1%	na	na
SVP-17	13	1/28/2014	3.4	na	10.6	na	19.0%	1%	na	na
SVP-17	13	2/13/2014	3.4	na	0.0	na	na	0%	na	na
SVP-17	13	3/18/2014	3.4	na	4.0	na	na	0%	na	na
SVP-17		4/3/2014	3.4	na	0.0	na	na	0%	na	na
SVP-17		5/7/2014	3.4	na	0.0	na	na	0%	na	na
SVP-17		8/14/2014	3.4	na	0.4	na	na	0%	na	na
SVP-17		11/24/2014	3.4	na	0.0	na	na	0%	na	na
SVP-17	14, 15	12/22/2014	na	na	4.6	na	na	2%	na	na
SVP-17	15	12/29/2014	3.4	na	177.0	na	na	0%	na	na
SVP-17		1/12/2015	na	na	0.5	na	na	0%	na	na
SVP-17		2/4/2015	6.0	na	0.4	na	na	0%	na	na
SVP-17		2/24/2015	3.4	na	0.0	na	na	0%	na	na
SVP-17		6/4/2015	3.4	na	0.0	na	na	0%	na	na
SVP-17		9/21/2015	3.4	na	0.0	na	na	0%	na	na
SVP-18	10	11/11/2011	1.2	3.8	4.0	0	25.3%	0%	<0.0032%	<1.6
SVP-18	10	11/30/2011	1.2	3.4	3.5	0	25.9%	0%	<0.0034%	<1.7
SVP-18		12/27/2011	1.2	4.0	3.9	0	27.8%	0%	<0.0034%	<1.7
SVP-18	11	1/19/2012	1.2	3.6	3.5	0	27.3%	0%	0.0036%	1.8
SVP-18		2/16/2012	1.2	3.8	3.7	125	30.6%	0%	0.0036%	1.8
SVP-18		3/15/2012	1.2	4.6	4.6	10	25.5%	0%	0.0032%	1.6

Table 2-6
Field Screening for VOCs and Methane and Analytical Results for Methane in Soil Vapor
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Vapor Well	notes	Date	Purge Volume[1] (liter)	PID Reading		Helium (ppm)[4]	Helium Under Shroud (%)	Methane (% LEL)	Analytical Results	
				PID-1[2] (ppm)	PID-2[3] (ppm)				Methane (% LEL)	Methane (ppm)
SVP-18		4/26/2012	1.2	2.7	2.7	0	26.1%	0%	0.0040%	2.0
SVP-18		5/16/2012	1.2	2.8	2.8	125	29.2%	0%	0.0036%	1.8
SVP-18		6/14/2012	1.2	5.3	5.3	85	28.1%	1%	0.0040%	2.0
SVP-18		6/21/2012	1.2	na	na	na	na	0%	na	na
SVP-18		6/29/2012	1.2	na	na	na	na	0%	na	na
SVP-18		7/6/2012	1.2	na	na	na	na	0%	na	na
SVP-18		7/12/2012	1.2	na	na	na	na	0%	na	na
SVP-18		7/18/2012	1.2	2.7	2.7	0	29.1%	0%	0.0038%	1.9
SVP-18		7/26/2012	1.2	na	na	na	na	0%	na	na
SVP-18		8/2/2012	1.2	na	na	na	na	0%	na	na
SVP-18		8/9/2012	1.2	na	na	na	na	0%	na	na
SVP-18		8/22/2012	1.2	3.7	3.7	0	29.2%	0%	0.0036%	1.8
SVP-18		8/31/2012	1.2	na	na	na	na	0%	na	na
SVP-18		9/6/2012	1.2	na	na	na	na	0%	na	na
SVP-18		9/13/2012	1.2	na	na	na	na	0%	na	na
SVP-18		9/20/2012	1.2	0.5	0.5	0	25.1%	0%	0.0032%	1.6
SVP-18		9/28/2012	1.2	na	na	na	na	0%	na	na
SVP-18		10/4/2012	1.2	na	na	na	na	0%	na	na
SVP-18		10/12/2012	1.2	na	na	na	na	0%	na	na
SVP-18		10/17/2012	1.2	na	na	na	na	0%	na	na
SVP-18		10/24/2012	1.2	6.3	6.3	24.4	50.0%	0%	<0.0032%	<1.6
SVP-18		11/1/2012	1.2	na	na	na	na	0%	na	na
SVP-18		11/8/2012	1.2	na	na	na	na	0%	na	na
SVP-18		11/15/2012	1.2	na	na	na	na	0%	na	na
SVP-18		11/21/2012	1.2	na	na	na	na	0%	na	na
SVP-18		11/28/2012	1.2	4.8	4.8	0	26.6%	0%	0.0032%	1.6
SVP-18		12/7/2012	1.2	na	na	na	na	0%	na	na

Table 2-6
Field Screening for VOCs and Methane and Analytical Results for Methane in Soil Vapor
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Vapor Well	notes	Date	Purge Volume[1] (liter)	PID Reading		Helium (ppm)[4]	Helium Under Shroud (%)	Methane (% LEL)	Analytical Results	
				PID-1[2] (ppm)	PID-2[3] (ppm)				Methane (% LEL)	Methane (ppm)
SVP-18		12/13/2012	1.2	na	na	na	na	0%	na	na
SVP-18		12/21/2012	1.2	4.1	4.1	75	24.4%	0%	0.0032%	1.6
SVP-18		1/16/2013	1.2	2.1	2.1	0	28.1%	0%	0.0032%	1.6
SVP-18		2/20/2013	1.2	2.2	2.2	50	23.8%	0%	0.0034%	1.7
SVP-18		3/20/2013	1.2	3.8	3.8	25	24.6%	0%	0.0040%	2.0
SVP-18		4/25/2013	1.2	56.6	56.6	0	25.4%	0%	0.0034%	1.7
SVP-18		5/24/2013	1.2	261	261	0	31.9%	4%	0.2000%	100
SVP-18	6	6/28/2013	3.5	na	1.3	25	22.5%	0%	<0.0032%	<1.6
SVP-18		7/30/2013	3.4	na	0.4	0	25.9%	0%	0.00600%	3
SVP-18	12	11/15/2013	3.4	na	0.2	na	na	1%	na	na
SVP-18	12	12/9/2013	3.4	na	0.0	na	na	1%	na	na
SVP-18	13	1/28/2014	3.4	na	2.8	na	na	0%	na	na
SVP-18	13	2/13/2014	3.4	na	0.2	na	na	0%	na	na
SVP-18	13	3/18/2014	3.4	na	0.2	na	na	0%	na	na
SVP-18		4/3/2014	3.4	na	0.0	na	na	0%	na	na
SVP-18		5/7/2014	3.4	na	0.0	na	na	0%	na	na
SVP-18		8/14/2014	3.4	na	0.4	na	na	0%	na	na
SVP-18		11/24/2014	3.4	na	0.0	na	na	0%	na	na
SVP-18	14, 15	12/22/2014	na	na	147.0	na	na	8%	na	na
SVP-18	15	12/29/2014	3.4	na	174.0	na	na	0%	na	na
SVP-18		1/12/2015	na	na	0.1	na	na	0%	na	na
SVP-18		2/4/2015	6.0	na	0.1	na	na	0%	na	na
SVP-18		2/24/2015	3.4	na	0.0	na	na	0%	na	na
SVP-18		6/4/2015	3.4	na	0.0	na	na	0%	na	na
SVP-18		9/21/2015	3.4	na	0.0	na	na	0%	na	na

Table 2-6
Field Screening for VOCs and Methane and Analytical Results for Methane in Soil Vapor
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Vapor Well	notes	Date	Purge Volume[1] (liter)	PID Reading		Helium (ppm)[4]	Helium Under Shroud (%)	Methane (% LEL)	Analytical Results	
				PID-1[2] (ppm)	PID-2[3] (ppm)				Methane (% LEL)	Methane (ppm)
SVP-19	10	11/11/2011	1.2	2.3	2.4	75	27.8%	0%	0.0038%	1.9
SVP-19	10	11/30/2011	1.2	1.9	2.2	25	28.1%	0%	0.0032%	1.6
SVP-19		12/27/2011	1.2	1.5	1.4	0	27.4%	0%	0.0032%	1.6
SVP-19	11	1/19/2012	1.2	0.3	0.3	0	25.8%	0%	0.0032%	1.6
SVP-19		2/16/2012	1.2	1.4	1.4	50	25.5%	0%	0.40%	200
SVP-19		3/15/2012	1.2	0.7	0.7	0	25.9%	2%	4.0%	2000
SVP-19		4/26/2012	1.2	0.3	0.3	0	25.9%	24%	28%	14,000
SVP-19		5/16/2012	1.2	0.5	0.5	0	25.3%	40%	48%	24,000
SVP-19		6/14/2012	1.2	0.6	0.6	na	na	148%	136%	68,000
SVP-19		6/21/2012	1.2	na	na	na	na	176%	na	na
SVP-19		6/29/2012	1.2	na	na	na	na	96%	na	na
SVP-19		7/6/2012	1.2	na	na	na	na	99%	na	na
SVP-19		7/12/2012	1.2	na	na	na	na	142%	na	na
SVP-19		7/19/2012	1.2	0.4	0.4	na	na	144%	140%	70000
SVP-19		7/26/2012	1.2	na	na	na	na	150%	na	na
SVP-19		8/2/2012	1.2	na	na	na	na	172%	na	na
SVP-19		8/9/2012	1.2	na	na	na	na	254%	na	na
SVP-19		8/22/2012	1.2	0.6	0.6	125	27.2%	37%	40%	20000
SVP-19		8/31/2012	1.2	na	na	na	na	91%	na	na
SVP-19		9/6/2012	1.2	na	na	na	na	116%	na	na
SVP-19		9/13/2012	1.2	na	na	na	na	77%	na	na
SVP-19		9/20/2012	1.2	1.6	1.6	na	na	152%	134%	67000
SVP-19		9/28/2012	1.2	na	na	na	na	95%	na	na
SVP-19		10/4/2012	1.2	na	na	na	na	69%	na	na
SVP-19		10/12/2012	1.2	na	na	na	na	51%	na	na
SVP-19		10/17/2012	1.2	na	na	na	na	31%	na	na
SVP-19		10/25/2012	1.2	2.1	2.1	100	29.1%	60%	84%	42000

Table 2-6
Field Screening for VOCs and Methane and Analytical Results for Methane in Soil Vapor
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Vapor Well	notes	Date	Purge Volume[1] (liter)	PID Reading		Helium (ppm)[4]	Helium Under Shroud (%)	Methane (% LEL)	Analytical Results	
				PID-1[2] (ppm)	PID-2[3] (ppm)				Methane (% LEL)	Methane (ppm)
SVP-19		11/1/2012	1.2	na	na	na	na	246%	na	na
SVP-19		11/8/2012	1.2	na	na	na	na	234%	na	na
SVP-19		11/15/2012	1.2	na	na	na	na	194%	na	na
SVP-19		11/21/2012	1.2	na	na	na	na	86%	na	na
SVP-19		11/28/2012	1.2	1.8	1.8	na	na	168%	158%	79000
SVP-19		12/7/2012	1.2	na	na	na	na	78%	na	na
SVP-19		12/13/2012	1.2	na	na	na	na	101%	na	na
SVP-19		12/21/2012	1.2	0.5	0.5	na	na	128%	116%	58,000
SVP-19		1/16/2013	1.2	1.4	1.4	100	25.7%	35%	26%	13,000
SVP-19		2/20/2013	1.2	1.7	1.7	0	27.9%	0%	10%	5,100
SVP-19		3/20/2013	1.2	0.8	0.8	na	na	158%	166%	83,000
SVP-19		4/25/2013	1.2	1.0	1.0	na	na	212%	86%	43,000
SVP-19		5/24/2013	1.2	160	160	0	27.4%	6%	2.2%	1,100
SVP-19	6	6/28/2013	3.4	na	0.5	0	28.9%	0%	0.00420%	2.1
SVP-19		7/30/2013	3.3	na	0.2	25	28.6%	0%	0.00540%	2.7
SVP-19	12	11/15/2013	3.3	na	0.0	na	na	1%	na	na
SVP-19	12	12/9/2013	3.3	na	0.0	na	na	0%	na	na
SVP-19	13	1/28/2014	3.3	na	0.0	na	na	0%	na	na
SVP-19	13	2/13/2014	3.3	na	0.0	na	na	0%	na	na
SVP-19	13	3/18/2014	3.3	na	0.0	na	na	0%	na	na
SVP-19		4/3/2014	3.3	na	0.0	na	na	0%	na	na
SVP-19		5/7/2014	3.3	na	0.0	na	na	0%	na	na
SVP-19		8/14/2014	3.3	na	0.1	na	na	0%	na	na
SVP-19		11/24/2014	3.3	na	0.0	na	na	0%	na	na
SVP-19	14, 15	12/22/2014	na	na	1.5	na	na	2%	na	na
SVP-19	15	12/29/2014	3.3	na	104	na	na	0%	na	na
SVP-19		1/12/2015	na	na	0	na	na	0%	na	na

Table 2-6
Field Screening for VOCs and Methane and Analytical Results for Methane in Soil Vapor
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Vapor Well	notes	Date	Purge Volume[1] (liter)	PID Reading		Helium (ppm)[4]	Helium Under Shroud (%)	Methane (% LEL)	Analytical Results	
				PID-1[2] (ppm)	PID-2[3] (ppm)				Methane (% LEL)	Methane (ppm)
SVP-19		2/4/2015	6.0	na	0	na	na	0%	na	na
SVP-19		2/24/2015	3.3	na	0	na	na	0%	na	na
SVP-19		6/4/2015	3.3	na	0	na	na	0%	na	na
SVP-19		9/21/2015	3.4	na	0	na	na	0%	na	na
SVP-20		12/27/2011	1.2	15.5	15.2	na	na	0%	na	na
SVP-20	11	1/20/2012	1.2	13.8	13.6	na	na	0%	na	na
SVP-20		2/17/2012	1.2	14.4	14.2	na	na	0%	na	na
SVP-20		3/16/2012	1.2	35.5	35.5	na	na	2%	na	na
SVP-20		4/25/2012	1.2	39.0	39.0	na	na	0%	na	na
SVP-20		5/15/2012	1.2	37.6	37.6	na	na	0%	na	na
SVP-20		6/15/2012	1.2	38.8	38.8	na	na	0%	na	na
SVP-20		7/18/2012	1.2	31.6	31.6	na	na	0%	na	na
SVP-20		8/21/2012	1.2	49.4	49.4	na	na	0%	na	na
SVP-20		9/18/2012	1.2	47.3	47.3	na	na	0%	na	na
SVP-20		10/24/2012	1.2	44.5	44.5	na	na	0%	na	na
SVP-20		11/28/2012	1.2	41.8	41.8	na	na	0%	na	na
SVP-20		12/20/2012	1.2	23.6	23.6	na	na	0%	na	na
SVP-20		1/15/2013	1.2	18.0	18.0	na	na	0%	na	na
SVP-20		2/20/2013	1.2	14.7	14.7	na	na	0%	na	na
SVP-20		3/19/2013	1.2	33.2	33.2	na	na	0%	na	na
SVP-20		4/25/2013	1.2	37.5	37.5	na	na	0%	na	na
SVP-20		5/24/2013	1.2	27.1	27.1	na	na	0%	na	na
SVP-20		6/28/2013	1.2	19.2	na	na	na	0%	na	na
SVP-20		7/30/2013	1.2	32.4	na	na	na	0%	na	na
SVP-20		11/15/2013	1.2	33.8	na	na	na	0%	na	na
SVP-20		12/9/2013	1.2	15.2	na	na	na	0%	na	na
SVP-20	13	1/28/2014	1.2	na	16.4	na	na	0%	na	na

Table 2-6
Field Screening for VOCs and Methane and Analytical Results for Methane in Soil Vapor
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Vapor Well	notes	Date	Purge Volume[1] (liter)	PID Reading		Helium (ppm)[4]	Helium Under Shroud (%)	Methane (% LEL)	Analytical Results	
				PID-1[2] (ppm)	PID-2[3] (ppm)				Methane (% LEL)	Methane (ppm)
SVP-20	13	2/13/2014	1.2	na	16.8	na	na	0%	na	na
SVP-20	13	3/18/2014	1.2	na	12.0	na	na	0%	na	na
SVP-20		4/3/2014	1.2	na	19.5	na	na	0%	na	na
SVP-20		5/8/2014	1.2	na	40.4	0	14.5%	0%	na	na
SVP-20		6/19/2014	1.2	na	12.5	na	na	0%	na	na
SVP-20		7/16/2014	1.2	na	51.6	na	na	0%	na	na
SVP-20		8/14/2014	1.2	na	20.5	na	17.8%	2%	na	na
SVP-20		9/29/2014	1.2	na	45.3	na	na	0%	na	na
SVP-20		10/23/2014	1.2	na	18.3	na	na	2%	na	na
SVP-20		11/24/2014	1.2	na	0.2	na	23.9%	0%	na	na
SVP-20	14, 15	12/22/2014	> 2.0	na	1.2	na	na	2%	na	na
SVP-20		2/4/2015	6	na	8.0	na	na	0%	na	na
SVP-20		2/24/2015	1.2	na	16.0	0	16.0%	2%	na	na
SVP-20		3/31/2015	> 2.0	na	6.3	na	na	0%	na	na
SVP-20		04/20/2-15	> 2.0	na	0.0	na	na	0%	na	na
SVP-20		5/19/2015	na	na	1.0	na	na	0%	na	na
SVP-20		6/4/2015	1.2	na	15.3	na	na	2.1%	na	na
SVP-20		6/17/2015	1.0	na	10.0	na	na	0%	na	na
SVP-20		7/22/2015	> 2.0	na	17.3	na	na	0%	na	na
SVP-20		8/19/2015	1.5	na	17.2	na	na	0%	na	na
SVP-20		9/17/2015	1.5	na	18.0	na	na	0%	na	na
SVP-20		9/21/2015	1.2	na	7.2	na	16.0%	0%	na	na
SVP-20		10/22/2015	1.5	na	17.0	na	na	0%	na	na
SVP-20		11/17/2015	1.5	na	14.6	na	na	0%	na	na
SVP-20		12/10/2015	1.5	na	12.5	na	na	0%	na	na
SVP-21		12/27/2011	1.2	0.8	0.8	na	na	0%	na	na
SVP-21	11	1/20/2012	1.2	2.2	2.3	na	na	0%	na	na

Table 2-6
Field Screening for VOCs and Methane and Analytical Results for Methane in Soil Vapor
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Vapor Well	notes	Date	Purge Volume[1] (liter)	PID Reading		Helium (ppm)[4]	Helium Under Shroud (%)	Methane (% LEL)	Analytical Results	
				PID-1[2] (ppm)	PID-2[3] (ppm)				Methane (% LEL)	Methane (ppm)
SVP-21		2/17/2012	1.2	2.2	2.4	na	na	0%	na	na
SVP-21		3/16/2012	1.2	4.8	4.8	na	na	0%	na	na
SVP-21		4/25/2012	1.2	3.4	3.4	na	na	0%	na	na
SVP-21		5/15/2012	1.2	3.8	3.8	na	na	0%	na	na
SVP-21		6/15/2012	1.2	3.6	3.6	na	na	0%	na	na
SVP-21		7/18/2012	1.2	3.5	3.5	na	na	0%	na	na
SVP-21		8/21/2012	1.2	8.7	8.7	na	na	0%	na	na
SVP-21		9/18/2012	1.2	7.7	7.7	na	na	0%	na	na
SVP-21		10/24/2012	1.2	10.0	10.0	na	na	0%	na	na
SVP-21		11/28/2012	1.2	12.3	12.3	na	na	0%	na	na
SVP-21		12/20/2012	1.2	5.2	5.2	na	na	0%	na	na
SVP-21		1/15/2013	1.2	3.8	3.8	na	na	0%	na	na
SVP-21		2/20/2013	1.2	2.9	2.9	na	na	0%	na	na
SVP-21		3/19/2013	1.2	8.4	8.4	na	na	0%	na	na
SVP-21		4/25/2013	1.2	7.0	7.0	na	na	0%	na	na
SVP-21		5/24/2013	1.2	5.0	5.0	na	na	0%	na	na
SVP-21		6/28/2013	1.2	na	4.2	na	na	0%	na	na
SVP-21		7/30/2013	1.2	na	5.8	na	na	0%	na	na
SVP-21		11/15/2013	1.2	na	7.9	na	na	0%	na	na
SVP-21		12/9/2013	1.2	na	2.3	na	na	0%	na	na
SVP-21	13	1/28/2014	1.2	na	4.0	na	na	0%	na	na
SVP-21	13	2/13/2014	1.2	na	3.9	na	na	0%	na	na
SVP-21	13	3/18/2014	1.2	na	3.4	na	na	0%	na	na
SVP-21		4/3/2014	1.2	na	5.2	na	na	0%	na	na
SVP-21		5/8/2014	1.2	na	12.2	0	29.6%	0%	na	na
SVP-21		6/19/2014	1.2	na	2.8	na	na	0%	na	na
SVP-21		7/16/2014	1.2	na	7.5	na	na	0%	na	na

Table 2-6
Field Screening for VOCs and Methane and Analytical Results for Methane in Soil Vapor
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Vapor Well	notes	Date	Purge Volume[1] (liter)	PID Reading		Helium (ppm)[4]	Helium Under Shroud (%)	Methane (% LEL)	Analytical Results	
				PID-1[2] (ppm)	PID-2[3] (ppm)				Methane (% LEL)	Methane (ppm)
SVP-21		8/14/2014	1.2	na	4.7	na	na	4%	na	na
SVP-21		9/29/2014	1.2	na	7.3	na	na	0%	na	na
SVP-21		10/23/2014	1.2	na	4.0	na	na	4%	na	na
SVP-21		11/24/2014	1.2	na	4.2	75	17.9%	0%	na	na
SVP-21	14, 15	12/22/2014	> 2.0	na	0.0	na	na	0%	na	na
SVP-21		2/4/2015	6	na	0.4	na	na	0%	na	na
SVP-21		2/24/2015	1.2	na	4.2	0	15.0%	2%	na	na
SVP-21		3/31/2015	> 2.0	na	2.4	na	na	0%	na	na
SVP-21		4/20/2015	> 2.0	na	0.1	na	na	0%	na	na
SVP-21		5/19/2015	na	na	0.0	na	na	0%	na	na
SVP-21		6/4/2015	1.2	na	4.4	na	na	2.0%	na	na
SVP-21		6/17/2015	1.0	na	2.0	na	na	0%	na	na
SVP-21		7/22/2015	> 2.0	na	5.4	na	na	0%	na	na
SVP-21		8/19/2015	1.5	na	5.7	na	na	0%	na	na
SVP-21		9/17/2015	1.5	na	5.9	na	na	0%	na	na
SVP-21		9/21/2015	1.2	na	2.0	na	14.5%	0%	na	na
SVP-21		10/22/2015	1.5	na	5.4	na	na	0%	na	na
SVP-21		11/17/2015	1.5	na	5.2	na	na	0%	na	na
SVP-21		12/10/2015	1.5	na	3.9	na	na	0%	na	na
SVP-22	13	3/18/2014	1.2	na	2.3	na	na	0%	na	na
SVP-22		4/3/2014	1.2	na	0.6	na	na	0%	na	na
SVP-22		5/7/2014	1.2	na	1.9	na	na	0%	na	na
SVP-22		6/19/2014	1.2	na	0.1	na	na	0%	na	na
SVP-22		8/14/2014	1.2	na	0.4	na	na	2%	na	na
SVP-22		9/29/2014	1.2	na	0.5	na	na	0%	na	na
SVP-22		10/23/2014	1.2	na	0.3	na	na	2%	na	na
SVP-22		11/25/2014	1.2	na	0.4	na	na	0%	na	na

Table 2-6
Field Screening for VOCs and Methane and Analytical Results for Methane in Soil Vapor
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Vapor Well	notes	Date	Purge Volume[1] (liter)	PID Reading		Helium (ppm)[4]	Helium Under Shroud (%)	Methane (% LEL)	Analytical Results	
				PID-1[2] (ppm)	PID-2[3] (ppm)				Methane (% LEL)	Methane (ppm)
SVP-22	14, 15	12/22/2014	na	na	0.0	na	na	6%	na	na
SVP-22		2/24/2015	1.2	na	0.1	na	na	0%	na	na
SVP-22		6/4/2015	1.2	na	0.0	na	na	0%	na	na
SVP-22		9/21/2015	1.2	na	0.1	na	na	0%	na	na

Table 2-6
Field Screening for VOCs and Methane and Analytical Results for Methane in Soil Vapor
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Notes:

ppm = parts per million
ppb = parts per billion
LEL = Lower Explosive Limit
methane (%LEL) = conversion of methane concentrations from ppm to %LEL based on the 50,000 ppm methane LEL
Methane Action Level is 10% LEL or 5,000 ppm
na = not assessed
nd = no detections were found
PID = photoionization detector
VOC = volatile organic compound
One well casing volume = approximately 1.2 liters

(1) = Reading taken from a 1 liter Tedlar bag filled after specified purge volume
(2) = Readings obtained from the RAE Systems Four Gas Meter (which includes a PID)
(3) = Readings obtained from the RAE Systems PID RAE
(4) = Minimum sensitivity of device is 25 ppm
(5) = Helium leak test gas analyzed by the laboratory using the Modified ASTM 1946 Method
(6) = The methane mitigation system was expanded in May and June 2013 to include wells under the building (SVE-16 through SVE-20).
(7) = Soil vapor monitoring location inaccessible during the sampling event
(8) - Methane analytical sample not collected; February field screening and analytical confirm results
(9) - Injection event, Phase 1, completed at 97 locations across the site (May to June 2011)
(10) - Injection event, Phase 2, completed at 54 locations across the site (October to November 2011)
(11) - Injection event, Phase 3, completed at 4 locations across the site (January 2012)
(12) - Injection event, completed upgradient and under 1300 Terra Bella (November to December 2013)
(13) - Injection event, completed at various locations across the site (January through March 2014)
(14) - Purge volume not recorded during measurement
(15) - Methane mitigation system non-operational December 9, 2014 through January 5, 2015 due to blower failure (replaced January 6, 2015)

Table 2-7
Soil Gas Sample Analytical Results for VOCs
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
(concentrations reported in micrograms per cubic meter)

Sample ID	notes	Sample Date	TCE	cis-1,2-DCE	VC	PCE	trans-1,2-DCE	1,1-DCA	1,2-DCB	1,1,1-TCA	Chloroform	Freon 113
SVP-1		05/14/2011	21,000	2,000	<20 J	1,600	35	<31	<46	<42	<38	<59
SVP-1	3	6/20/2011	18,000	2,200	<20	930	<31	<32	<47	<43	<38	<60
SVP-1		7/7/2011	19,000	1,800	<21	1,200	<32	<33	<49	<44	<40	<62
SVP-1		07/20/2011	15,000	1,600	<27	880	<43	<44	<65	<59	<52	<82
SVP-1		08/18/2011	14,000	1,100	<40	910	<61	<63	<93	<84	<76	<120
SVP-1		09/21/2011	15,000	1,100	<27	720	<42	<43	<63	<58	<52	<81
SVP-1	4	10/26/2011	9,600	1,000	<20	1,700	<31	<31	<46	<42	9,600	110
SVP-1	4	11/29/2011	13,000	1,100	<39	510	<60	<62	<91	<83	<74	<120
SVP-1		12/21/2011	11,000	1,300	<20	560	<32	<32	<48	<44	<39	<62
SVP-1	5	1/18/2012	11,000	1,500	<19	570	<30	<30	<45	<41	<37	<58
SVP-1		2/15/2012	11,000	1,300	<20	470	<31	<32	<47	<42	<38	<60
SVP-1		3/14/2012	11,000	1,300	<21	580	<32	<33	<49	<45	<40	90
SVP-1		4/25/2012	8,600	1,100	<13	440	<20	<21	<31	<28	<25	<39
SVP-1		5/15/2012	10,000	1,400	<19	520	<30	<30	<45	<41	<36	220
SVP-1		6/14/2012	13,000	1,400	<20	510	<31	<31	<46	<42	<38	440
SVP-1		7/18/2012	11,000	1,400	<16	520	<24	<25	<37	<34	<30	1,000
SVP-1		8/22/2012	14,000	950	<20	620	<31	<32	<47	<43	<38	1,000
SVP-1		9/20/2012	6,800	180	<7.9	450	<12	<12	<19	<17	<15	110
SVP-1		10/25/2012	7,400	160	<16	620	<25	<26	<38	<34	<31	140
SVP-1		11/28/2012	5,900	110	<10	510	<16	<16	<24	<22	20	590
SVP-1		1/17/2013	4,900	470	<13	380	<21	<21	<32	<29	<26	250
SVP-1		2/20/2013	300	310	<8.4	200	<13	<13	<20	<18	<16	250
SVP-1		3/20/2013	5,100	480	<7.8	440	<12	<12	<18	<16	<15	29
SVP-1		4/25/2013	3,500	430	<7.8	250	<12	<12	<18	<16	<15	49

Table 2-7
Soil Gas Sample Analytical Results for VOCs
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
(concentrations reported in micrograms per cubic meter)

Sample ID	notes	Sample Date	TCE	cis-1,2-DCE	VC	PCE	trans-1,2-DCE	1,1-DCA	1,2-DCB	1,1,1-TCA	Chloroform	Freon 113
SVP-1		5/24/2013	2,200	300	<2.8	120	<4.4	6	<6.7	<6.0	<5.4	390
SVP-1		6/28/2013	7,900	880	<16	440	<25	<26	<38	<35	<31	490
SVP-1		7/30/2013	5,800	370	<8.0	540	<12	<13	<19	<17	<15	64
SVP-1	6	11/15/2013	7,000	550	<9.9	510	<15	<16	<23	<21	<19	36
SVP-1	6	12/9/2013	5,100	460	<9.9	370	<15	<16	<23	<21	<19	<30
SVP-1	7	1/28/2014	4,600	480	<6.6	280	<10	<10	<16	<14	<12	<20
SVP-1	7	2/13/2014	3,400	370	<6.4	240	<10	<10	<15	<14	<12	<19
SVP-1		4/3/2014	3,300	460	<8.3	240	<13	<13	<20	<18	<16	<25
SVP-1		5/8/2014	3,100	610	<8.3	210	<13	<13	<20	<18	<16	<25
SVP-1		8/14/2014	3,600	480	<7.8	300	<12	<12	<18	<16	<15	170
SVP-1		9/22/2015	2,700	190	<0.39	420	<6.1	4.2	<1.8	4.2	20	24
SVP-2		05/14/2011	5,600	<31	<20 J	1,700	<31	<32	<47	<43	<38	<60
SVP-2	3	6/20/2011	7,400	<31	<20	1,700	<31	<32	<47	<43	<38	<60
SVP-2		7/7/2011	11,000	<32	<20	2,600	<32	<32	<48	<44	<39	73
SVP-2		07/20/2011	7,600	<16	<10	1,400	<16	<16	<24	<22	<20	33
SVP-2		08/18/2011	8,900	<31	<20	1,900	<31	<31	<46	<42	<38	79
SVP-2		09/21/2011	7,800	<24	<16	1,700	<24	<25	<37	<34	<30	63
SVP-2	4	10/26/2011	4,700	<12	<8.1	1,400	<12	<13	<19	<17	<15	73
SVP-2	4	11/29/2011	6,000	<24	<16	1,400	<24	<25	<37	<33	<30	100
SVP-2		12/21/2011	3,900	<13	<8.2	940	<13	<13	<19	<18	<16	130
SVP-2	5	1/18/2012	6,100	<16	<10	1,400	<16	<17	<25	<22	<20	160
SVP-2		2/15/2012	6,100	<15	<9.4	1,500	<15	<15	<22	<20	<18	190
SVP-2		3/14/2012	5,200	<12	<7.8	1,600	<12	<12	<18	<16	<15	260
SVP-2		4/25/2012	4,400	<11	<6.9	1,800	<11	<11	<16	<15	<13	220
SVP-2		5/15/2012	5,300	<15	<9.9	1,700	<15	<16	<23	<21	<19	250

Table 2-7
Soil Gas Sample Analytical Results for VOCs
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
(concentrations reported in micrograms per cubic meter)

Sample ID	notes	Sample Date	TCE	cis-1,2-DCE	VC	PCE	trans-1,2-DCE	1,1-DCA	1,2-DCB	1,1,1-TCA	Chloroform	Freon 113
SVP-2		6/14/2012	5,800	<15	<9.9	1,700	<15	<16	<23	<21	<19	240
SVP-2		7/18/2012	2,600	<2.0	3.8	1,500	<10	<2.1	<3.1	7.2	4.8	220
SVP-2		8/22/2012	2,100	<5.4	<3.5	1,600	<5.4	<5.5	<8.2	8.4	<6.7	190
SVP-2		9/20/2012	1,800	<4.0	<2.6	1,500	<4.0	<4.1	<6.1	7.2	<5.0	200
SVP-2		10/25/2012	980	<1.2	<0.39	1,200	<6.0	<1.2	<1.8	6.9	4.8	160
SVP-2		11/28/2012	970	<1.3	<0.41	1,100	<6.4	<1.3	<1.9	7.6	4.8	150
SVP-2		1/17/2013	1,600	<1.2	<0.40	1,600	<6.3	<1.3	<1.9	9.0	6.8	150
SVP-2		2/20/2013	110	<0.12	<0.039	76	<0.60	<0.12	<0.18	0.70	0.70	14
SVP-2		3/20/2013	2,300	<1.2	<0.038	1,500	<5.8	<1.2	<1.8	5.90	6.10	110
SVP-2		4/25/2013	2,500	<1.2	<0.038	1,600	<6.0	<1.2	<1.8	6.60	7.10	120
SVP-2		5/24/2013	3,000	<6.3	<4.0	1,700	<6.3	<6.4	<9.5	<8.6	8.50	120
SVP-2		6/28/2013	3,200	<8.4	<5.4	1,800	<8.4	<8.6	<13	<12	<10	110
SVP-2		7/30/2013	2,800	<8.5	<5.5	1,600	<8.5	<8.7	<13	<12	<10	73
SVP-2	6	11/15/2013	2,800	<1.2	<0.4	1,600	<6.2	<1.3	<1.9	5.5	6.5	67
SVP-2	6	12/9/2013	3,000	1.4	<0.4	1,500	<6.1	<1.2	<1.9	5.6	6.4	57
SVP-2		4/3/2014	2,800	<7.5	<4.8	1,400	<7.5	<7.7	<11	<10	<9.3	46
SVP-2		5/8/2014	3,000	<12	<7.8	1,700	<12	<12	<18	<17	<15	120
SVP-2		8/14/2014	2,700	<8.0	<5.2	1,200	<8.0	<8.2	<12	<11	<9.9	50
SVP-2		9/22/2015	1,200	<1.2	<0.4	600	<6.3	<1.3	<1.9	1.8	1.7	18
SVP-4		05/14/2011	12,000	39,000	81 J	<210	2,100	<130	<190	<170	<150	<240
SVP-5		07/21/2011	230	8.2	<0.082	5.6	<1.3	<0.26	<0.39	0.59	3.9	80
SVP-5		08/18/2011	250	4.5	<0.099	6.9	<1.5	<0.31	<0.47	0.63	3.0	27
SVP-5		09/21/2011	170	8.8	<0.079	7.6	<1.2	<0.25	<0.37	0.58	1.6	16
SVP-5	4	10/26/2011	110	9.6	0.11	6.8	<0.64	0.14	<0.19	0.43	2.9	83
SVP-5	4	11/29/2011	6.1	<0.12	<0.039	0.85	<0.60	<0.12	<0.46	<0.16	1.7	0.68

Table 2-7
Soil Gas Sample Analytical Results for VOCs
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
(concentrations reported in micrograms per cubic meter)

Sample ID	notes	Sample Date	TCE	cis-1,2-DCE	VC	PCE	trans-1,2-DCE	1,1-DCA	1,2-DCB	1,1,1-TCA	Chloroform	Freon 113
SVP-5		12/22/2011	3.1	<0.12	<0.040	0.65	<0.61	<0.12	<0.19	<0.17	1.8	0.96
SVP-5	5	1/18/2012	5.1	0.24	<0.040	0.76	<0.62	<0.13	<0.19	<0.17	3.1	1.7
SVP-5		2/15/2012	5.3	<0.13	<0.042	0.68	<0.65	<0.13	<0.20	<0.18	5.7	1.9
SVP-5		3/14/2012	3.4	<0.12	<0.040	0.72	<0.61	<0.12	0.32	<0.17	5.5	0.66
SVP-5		4/27/2012	5.6	3.2	<0.10	0.84	<1.6	<0.33	0.49	<0.45	5.4	1.9
SVP-5		5/16/2012	1.7	<0.12	<0.040	0.94	<0.63	<0.13	<0.19	<0.17	3.1	0.52
SVP-5		6/15/2012	1.6	<0.13	<0.042	0.66	<0.65	<0.13	<0.20	<0.18	2.2	0.54
SVP-5		7/20/2012	0.78	<0.13	<0.041	0.36	<0.64	<0.13	<0.19	<0.18	1.8	0.61
SVP-5		8/23/2012	<1.2	<0.89	<0.29	<1.5	<4.4	<0.91	<1.3	<1.2	2.8	<1.7
SVP-5		9/21/2012	0.63	<0.12	<0.040	0.30	<0.63	<0.13	<0.19	<0.17	1.6	0.51
SVP-5		10/25/2012	0.50	<0.12	<0.040	0.23	<0.63	<0.13	<0.19	<0.17	1.4	0.57
SVP-5		11/28/2012	0.40	<0.13	<0.041	0.45	<0.64	<0.13	<0.19	<0.18	3.0	0.55
SVP-6		07/21/2011	200	1.3	<0.057	2.2	<0.89	<0.18	<0.27	0.71	1.3	13
SVP-6		08/17/2011	330	8	3.20	2.4	<2.2	<0.44	<0.66	1.1	2.5	310
SVP-6	4	12/22/2011	190	240	6.70	1.1	5.5	<0.37	<0.55	<0.50	2.8	<0.70
SVP-6	5	1/18/2012	200	120	18	1.8	3.2	<0.25	<0.37	<0.34	5.6	0.84
SVP-6		2/15/2012	65	34	0.41	0.78	0.77	<0.13	<0.20	<0.18	6.2	0.77
SVP-6		3/14/2012	18	6.4	0.15	0.29	<0.63	<0.13	<0.19	<0.17	2.2	0.58
SVP-6		4/27/2012	27	14	0.099	0.35	0.71	0.24	<0.18	<0.16	8.1	0.88
SVP-6		5/16/2012	4.5	1.9	0.039	<0.21	<0.60	<0.12	<0.18	<0.16	1.0	0.53
SVP-6		6/15/2012	2.8	1.0	<0.041	<0.22	<0.64	<0.13	<0.19	<0.18	0.74	0.51
SVP-6		7/20/2012	3.4	2.0	<0.043	<0.23	<0.67	<0.14	<0.20	<0.18	1.0	1.3
SVP-6		8/23/2012	4.5	4.0	0.21J	<1.2	<3.4	<0.69	<1.0	<0.93	1.1	1.9
SVP-6		9/21/2012	2.2	1.2	0.040	<0.21	<0.61	<0.12	<0.19	<0.17	0.8	0.74

Table 2-7
Soil Gas Sample Analytical Results for VOCs
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
(concentrations reported in micrograms per cubic meter)

Sample ID	notes	Sample Date	TCE	cis-1,2-DCE	VC	PCE	trans-1,2-DCE	1,1-DCA	1,2-DCB	1,1,1-TCA	Chloroform	Freon 113
SVP-6		10/25/2012	2.0	0.86	<0.040	1.3	<0.61	<0.12	<0.19	<0.17	1.9	0.70
SVP-6		11/28/2012	0.68	0.24	<0.043	0.37	<0.67	<0.14	<0.20	<0.18	0.65	0.60
SVP-7		07/21/2011	270	0.47	<0.070	29	<1.1	<0.22	<0.33	<0.30	1.4	8.9
SVP-7		08/17/2011	300	0.66	<0.13	31	<2.0	<0.42	<0.62	<0.56	1.8	5.8
SVP-7	4	11/29/2011	960	58	<0.34	62	<5.2	1.4	<4.0	<1.4	1.3	18.0
SVP-7		12/27/2011	200	5.2	<0.060	17	<0.93	<0.19	<0.28	<0.26	1.2	2.2
SVP-7	5	1/18/2012	160	2.9	<0.082	19	<1.3	<0.26	<0.39	<0.35	1.9	2.6
SVP-7		5/16/2012	150	6.4	<0.082	26	<1.3	<0.26	<0.39	<0.35	1.4	2.9
SVP-7		6/15/2012	6.5	0.69	<0.043	1.9	<0.67	<0.14	<0.20	<0.18	0.37	0.51
SVP-7		7/20/2012	55.0	1.6	<0.042	11	<0.65	<0.13	<0.20	<0.18	6.30	3.30
SVP-7		8/23/2012	5.0	0.30	<0.039	1.5	<0.60	<0.12	<0.18	<0.16	4.00	0.59
SVP-7		9/21/2012	5.4	0.27	<0.040	1.6	<0.61	<0.12	<0.19	<0.17	3.50	0.57
SVP-7		10/26/2012	5.0	0.66	<0.041	1.3	<0.64	<0.13	<0.19	<0.18	0.81	0.57
SVP-7		11/28/2012	11	0.53	<0.041	1.5	<0.63	<0.13	<0.19	<0.17	1.10	0.63
SVP-8		07/21/2011	3,600	17	<7.2	560	<11	<11	<17	<15	<14	<21
SVP-8		08/17/2011	5,000	24	<8.4	740	<13	<13	<20	<18	<16	<25
SVP-8		09/21/2011	7,400	<25	<16	890	<25	<26	<38	<34	<31	<48
SVP-8	4	10/26/2011	5,800	14	<8.2	830	<13	<13	<19	<18	<16	36
SVP-8	4	11/29/2011	87	<0.12	<0.039	18	<0.60	<0.12	<0.46	<0.16	0.42	0.59
SVP-8		12/27/2011	660	76	120	53	<12	<12	<18	<16	17	6,000
SVP-8	5	1/18/2012	290	29	0.10	34	<1.2	<0.26	<0.38	<0.34	15	29
SVP-8		2/15/2012	63	0.63	<0.042	15	<0.65	<0.13	<0.20	<0.18	7.7	1.6
SVP-8		3/14/2012	75	<0.13	<0.041	18	<0.64	<0.13	<0.19	<0.18	3.0	0.71
SVP-8		4/25/2012	140	<3.4	<2.2	32	<3.4	<3.5	<5.1	<4.7	<4.2	1,800

Table 2-7
Soil Gas Sample Analytical Results for VOCs
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
(concentrations reported in micrograms per cubic meter)

Sample ID	notes	Sample Date	TCE	cis-1,2-DCE	VC	PCE	trans-1,2-DCE	1,1-DCA	1,2-DCB	1,1,1-TCA	Chloroform	Freon 113
SVP-8		5/16/2012	40	<0.12	<0.040	13	<0.63	<0.13	<0.19	<0.63	1.3	0.78
SVP-8		6/15/2012	72	<0.13	<0.043	22	<0.67	<0.14	<0.20	<0.18	2.6	0.86
SVP-8		7/20/2012	12	<0.14	<0.045	4.4	<0.69	<0.14	<0.21	<0.19	2.0	0.68
SVP-8		8/23/2012	18	<0.13	<0.042	5.4	<0.65	<0.13	<0.20	<0.18	1.3	0.69
SVP-8		9/20/2012	14	<0.13	<0.042	4.0	<0.65	<0.13	<0.20	<0.18	0.91	0.80
SVP-8		10/26/2012	14	<0.13	<0.042	4.1	<0.65	<0.13	<0.20	<0.18	0.90	0.91
SVP-8		11/28/2012	5.4	<0.20	<0.065	1.6	<1.0	<0.20	<0.30	<0.28	0.59	0.53
SVP-9	3	6/20/2011	12,000	190	<19	3,100	<30	<30	<45	<41	<36	640
SVP-9		07/20/2011	12,000	140	<25	4,000	<39	<40	<59	<54	<48	410
SVP-9		08/17/2011	10,000	53	<17	3,000	<26	<26	<39	<36	<32	280
SVP-9		09/21/2011	5,800	19	<9.9	1,800	<15	<16	<23	<21	22	150
SVP-9	4	10/26/2011	6,200	72	<7.9	2,500	<12	<12	<19	<17	18	480
SVP-9	4	11/29/2011	43	<0.12	<0.039	45	<0.60	<0.12	<0.46	<0.16	1.5	0.91
SVP-9		12/27/2011	23	<0.12	<0.040	24	<0.61	<0.12	<0.19	<0.17	0.81	58
SVP-9	5	1/18/2012	16	<0.12	<0.038	19	<0.59	<0.12	<0.18	<0.16	0.58	6.1
SVP-9		2/15/2012	0.36	<0.13	<0.041	<0.22	<0.64	<0.13	<0.19	<0.18	0.22	0.3
SVP-9		3/14/2012	17	<0.13	<0.041	20	<0.64	<0.13	<0.19	<0.18	0.72	0.56
SVP-9		4/25/2012	43	<0.28	<0.089	49	<1.4	<0.28	0.60	<0.38	1.8	97
SVP-9		5/16/2012	13	<0.13	<0.042	19	<0.65	<0.13	<0.20	<0.18	0.66	0.55
SVP-9		6/15/2012	10	<0.13	<0.043	15	<0.67	<0.14	<0.20	<0.18	0.76	0.72
SVP-9		7/20/2012	17	<0.14	<0.045	22	<0.69	<0.14	<0.21	<0.19	1.1	3.8
SVP-9		8/23/2012	41	0.32	<0.043	36	<0.67	<0.14	<0.20	<0.18	1.5	15
SVP-9		9/20/2012	100	0.89	<0.040	75	<0.61	<0.12	<0.19	<0.17	2.6	47
SVP-9		10/26/2012	110	1.2	<0.039	71	<0.60	<0.12	<0.18	<0.16	5.1	11

Table 2-7
Soil Gas Sample Analytical Results for VOCs
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
(concentrations reported in micrograms per cubic meter)

Sample ID	notes	Sample Date	TCE	cis-1,2-DCE	VC	PCE	trans-1,2-DCE	1,1-DCA	1,2-DCB	1,1,1-TCA	Chloroform	Freon 113
SVP-9		11/28/2012	130	0.91	<0.055	96	<0.86	<0.18	<0.26	<0.24	12	17
SVP-10		07/21/2011	700	<9.7	<6.2	170	<9.7	<9.9	<15	<13	<12	4,200
SVP-10		08/18/2011	2,200	<11	<6.8	320	<11	<11	<16	<15	<13	18,000 E
SVP-10		09/22/2011	140	0.22	<0.067	19	<1.0	<0.21	<0.32	0.67	0.39	200
SVP-10	4	10/27/2011	3,700	<10	<6.5	270	<10	<10	<15	22	<12	4,100
SVP-10	4	11/30/2011	6,200	<18	<12	410	<18	<19	<28	<25	<22	4,400
SVP-10		12/27/2011	5,000	<12	<7.9	410	<12	<12	<19	23	<15	3,500
SVP-10	5	1/19/2012	3,800	<12	<7.5	230	<12	<12	<18	<16	<14	1,700
SVP-10		2/16/2012	5,400	<15	<9.8	400	<15	<15	<23	<21	<19	1,200
SVP-10		3/15/2012	5,100	<13	<8.2	360	<13	<13	<19	17J	<16	1,300
SVP-10		4/26/2012	5,600	<13	<8.4	520	<13	<13	<20	<18	<16	2,900
SVP-10		5/17/2012	290	<1.2	<0.40	42	<6.1	<1.2	<1.9	<1.7	<1.5	1,600
SVP-10		9/20/2012	6,800	<17	<11	980	<17	<18	<26	<24	<21	9,600
SVP-10		10/26/2012	3,600	<32	<21	880	<32	<33	<49	<45	<40	19,000
SVP-10		11/29/2012	3,800	<310	<200	700	<310	<320	<470	<430	<380	180,000
SVP-10		1/17/2013	660	<75	<48	320	<75	<77	<110	<100	<93	24,000
SVP-10		2/20/2013	180	<7.8	<5.0	72	<7.8	<8.0	<12	<11	<9.6	4,800
SVP-10		5/24/2013	1,400	<620	<400	<1000	<620	<630	<940	<850	<760	36,000
SVP-10	1	6/28/2013	430	<32	<20	270	<32	<32	<48	<44	<39	1,000
SVP-10		7/30/2013	44	<0.52	<0.17	21	<2.6	<0.53	<0.79	<0.71	1.6	600
SVP-10	10	12/29/2014	240	<31	<20	210	<31	<31	<46	<42	<38	32,000
SVP-11		5/8/2014	2,100	5.2	<0.41	320	<6.4	<1.3	<9.7	7.8	<1.6	79
SVP-11		8/14/2014	2,600	7.0	<4.2	450	<6.5	<6.7	<9.9	11.0	<8.0	100
SVP-11		11/24/2014	1,700	7.0	<0.40	260	<6.3	<1.3	<1.9	7.8	1.7	68

Table 2-7
Soil Gas Sample Analytical Results for VOCs
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
(concentrations reported in micrograms per cubic meter)

Sample ID	notes	Sample Date	TCE	cis-1,2-DCE	VC	PCE	trans-1,2-DCE	1,1-DCA	1,2-DCB	1,1,1-TCA	Chloroform	Freon 113
SVP-11		2/24/2015	1,200	3.1	<0.44	220	<6.9	<1.4	<2.1	5.2	<1.7	68
SVP-11		9/21/2015	3,200	13.0	<0.46	540	<7.1	<1.4	<2.2	10.0	2.3	62
SVP-12		5/8/2014	1,600	<1.2	<0.38	640	<6.0	<1.2	<1.8	2.5	1.7	39
SVP-12		8/14/2014	1,700	<6.5	<4.2	770	<6.5	<6.7	<9.9	<9.0	<8.0	18
SVP-12		11/24/2014	1,500	2.2	<0.39	520	<6.1	<1.2	<1.8	2.4	1.9	27
SVP-12		2/24/2015	1,000	<1.4	<0.45	380	<6.9	<1.4	<2.1	<1.9	<1.7	9
SVP-12		9/21/2015	2,500	15.0	<0.38	980	<6.0	<1.2	<1.8	2.30	1.80	19.0
SVP-13		5/8/2014	26,000	1,400	53	290	<83	<85	<120	<110	<100	<160
SVP-13	8	8/14/2014	70,000	1,800	<100	680	<160	<160	<240	<220	<190	<300
SVP-13		11/24/2014	35,000	1,500	<40	400	<62	<64	<94	<86	<77	<120
SVP-13		2/24/2015	23,000	1,500	29	320	<32	<33	<49	<44	<40	69
SVP-13		9/21/2015	38,000	3,100	<43	640	<67	<68	<100	<92	<82	<130
SVP-14		5/8/2014	800	<1.0	<0.34	250	<5.2	<1.1	<1.6	2.4	<1.3	19
SVP-14		8/14/2014	880	<3.2	<2.1	310	<3.2	<3.3	<4.9	<4.4	<4.0	12
SVP-14	9	11/24/2014	na	na	na	na	na	na	na	na	na	na
SVP-14		2/24/2015	520	<0.60	<0.19	180	<3.0	<0.62	<0.91	1.6	0.8	3.9
SVP-14		9/21/2015	580	<0.72	<0.23	240	<3.6	<0.74	<1.1	1.5	1.0	4.4
SVP-15		5/8/2014	500	0.81	<0.26	37	<4.0	<0.81	<1.2	<1.1	4.2	7.0
SVP-15	9	8/14/2014	na	na	na	na	na	na	na	na	na	na
SVP-15		11/24/2014	480	1.00	<0.24	33	<3.8	<0.77	<1.1	1.6	3.4	6.5
SVP-15		2/24/2015	270	<0.32	<0.1	23	<1.6	<0.33	<0.49	0.4	1.2	1.9
SVP-15		9/21/2015	680	1.80	<0.36	61	<5.6	<1.1	<1.7	<1.5	11.0	6.2
SVP-17	4	11/11/2011	12,000	330	<22	66	<35	<35	<53	<48	16,000	<67
SVP-17	4	11/30/2011	18,000	380	<40	<100	<61	<63	<93	<84	<76	<120

Table 2-7
Soil Gas Sample Analytical Results for VOCs
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
(concentrations reported in micrograms per cubic meter)

Sample ID	notes	Sample Date	TCE	cis-1,2-DCE	VC	PCE	trans-1,2-DCE	1,1-DCA	1,2-DCB	1,1,1-TCA	Chloroform	Freon 113
SVP-17		12/27/2011	10,000	130	<19	470	<30	<31	<46	<41	<37	<58
SVP-17	5	1/19/2012	11,000	160	<19	480	<30	<30	<45	<41	<37	<58
SVP-17		2/16/2012	11,000	180	<19	490	<30	<30	<45	<41	<36	<57
SVP-17		3/15/2012	9,500	160	<16	380	<24	<25	<37	<34	<30	<48
SVP-17		4/27/2012	10,000	170	<16	530	<24	<25	<37	<34	<30	<48
SVP-17		5/17/2012	11,000	170	<20	580	<32	<32	<48	<44	<39	<62
SVP-17		6/14/2012	13,000	200	<19	580	<30	<30	<45	<41	<36	<57
SVP-17		7/19/2012	11,000	220	<14	560	<21	<22	<32	<29	<26	<41
SVP-17		8/22/2012	2,300	33	<3.8	83	<5.9	<6.0	<9.0	<8.1	<7.3	<11
SVP-17		9/20/2012	11,000	160	<16	540	<24	<25	<37	<34	<30	<48
SVP-17		10/26/2012	8,400	240	<19	490	<30	<30	<45	<41	<36	<57
SVP-17		11/29/2012	7,400	230	<13	380	<20	<20	<30	<27	<24	<38
SVP-17		1/17/2013	5,300	200	<7.6	400	<12	13	<18	<16	<14	<23
SVP-17		2/20/2013	3,900	130	<6.4	190	<9.8	<10	<15	<14	<12	<19
SVP-17		3/20/2013	4,200	71	<7.5	280	<12	<12	<18	<16	<14	<22
SVP-17		4/25/2013	5,900	74	<11	510	<18	<18	<27	<24	<22	<34
SVP-17		5/24/2013	6,300	<1200	<790	<2100	<1200	<1200	<1800	<1700	<1500	<2400
SVP-17	1	6/28/2013	510	1.8	<0.19	62	<2.9	<0.59	<1800	<0.80	<0.71	<1.1
SVP-17		7/30/2013	43	0.18	0.05	12	<0.59	<0.12	<0.18	<0.16	<0.15	0.64
SVP-17	6,7	1/28/2014	16	<8.0	<5.1	<14	<8.0	<8.1	<12	<11	<9.8	<15
SVP-17	10	12/29/2014	870	12	<0.38	140	<5.9	<1.2	<1.8	<1.6	2.9	4.6
SVP-18	4	11/11/2011	10,000	120	<14	380	<22	<23	<34	<30	8,700	55
SVP-18	4	11/30/2011	17,000	130	<24	610	<38	<39	<58	<52	<47	<74
SVP-18		12/27/2011	14,000	520	<21	100	<33	<34	<50	<46	<41	77
SVP-18	5	1/19/2012	13,000	450	<25	81	<39	<40	<60	<54	<48	<76

Table 2-7
Soil Gas Sample Analytical Results for VOCs
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
(concentrations reported in micrograms per cubic meter)

Sample ID	notes	Sample Date	TCE	cis-1,2-DCE	VC	PCE	trans-1,2-DCE	1,1-DCA	1,2-DCB	1,1,1-TCA	Chloroform	Freon 113
SVP-18		2/16/2012	13,000	420	<21	82	<32	<33	<49	<44	<40	<62
SVP-18		3/15/2012	14,000	460	<19	89	<30	<31	<46	<41	<37	<58
SVP-18		4/26/2012	16,000	440	<21	120	<33	<34	<50	<46	<41	<64
SVP-18		5/17/2012	16,000	400	<32	100	<50	<51	<76	<69	<62	<97
SVP-18		6/14/2012	21,000	490	<29	140	<44	<45	<67	<61	<55	<86
SVP-18		7/19/2012	17,000	500	<23	170	<36	<37	<55	<50	<45	<70
SVP-18		8/22/2012	25,000	460	<40	210	<61	<63	<93	<84	<76	<120
SVP-18		9/20/2012	23,000	520	<39	200	<60	<62	<91	<83	<74	<120
SVP-18		10/26/2012	13,000	440	<28	150	<44	<45	<66	<60	<54	<85
SVP-18		11/29/2012	10,000	280	<20	130	<31	<32	<47	<43	<38	<60
SVP-18		1/17/2013	6,500	97	<7.6	150	<12	<12	<18	<16	<14	<23
SVP-18		2/20/2013	7,000	110	<11	120	<17	<17	<25	<23	<21	<32
SVP-18		3/20/2013	7,600	100	<14	150	<22	<23	<34	<31	<28	<43
SVP-18		4/25/2013	10,000	220	<13	210	<20	<20	<30	<27	<24	47
SVP-18		5/24/2013	13,000	<830	<540	<1400	<830	<850	<1300	<1100	<1000	<1600
SVP-18	1	6/28/2013	73	<0.32	0.13	4.0	<1.6	<0.33	<0.49	<0.45	<0.40	<0.63
SVP-18		7/30/2013	37	0.21	0.24	1.5	<0.65	<0.13	<0.20	<0.18	0.32	0.68
SVP-18	10	12/29/2014	320	<29	<19	<50	<29	<30	<44	<40	<36	<56
SVP-19	4	11/11/2011	890	<16	<10	270	<16	<16	<24	<22	7,600	34
SVP-19	4	11/30/2011	790	<1.2	<0.39	270	<6.0	<1.2	<4.6	6.8	11	27
SVP-19		12/27/2011	830	<0.77	<0.25	210	<3.8	<0.78	<1.2	5.4	5.2	22
SVP-19	5	1/19/2012	960	<1.2	<0.39	250	<6.1	<1.2	<1.8	5.9	4.6	24
SVP-19		2/16/2012	610	<0.61	<0.20	200	<3.1	<0.63	<0.93	5.1	3.8	17
SVP-19		3/15/2012	130	<0.12	<0.040	42	<0.61	<0.12	<0.19	0.97	0.86	4.0
SVP-19		4/26/2012	890	0.87	0.32	240	<3.2	<0.66	<0.99	6.3	5.3	87

Table 2-7
Soil Gas Sample Analytical Results for VOCs
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
(concentrations reported in micrograms per cubic meter)

Sample ID	notes	Sample Date	TCE	cis-1,2-DCE	VC	PCE	trans-1,2-DCE	1,1-DCA	1,2-DCB	1,1,1-TCA	Chloroform	Freon 113
SVP-19		5/17/2012	730	3.0	0.62	260	<3.9	<0.80	<1.2	5.6	4.4	120
SVP-19		8/22/2012	4,600	49	<8.1	720	<12	<13	<19	<17	<15	47
SVP-19		10/26/2012	14,000	1,300	110	1,500	<39	<40	<59	<54	<48	<75
SVP-19		1/17/2013	5,800	1,800	28	970	24	<13	<19	<18	<16	30
SVP-19		2/20/2013	3,800	120	<6.4	570	<9.8	<10	<15	<14	<12	19
SVP-19		5/24/2013	2,900	<250	<160	760	<250	<250	<380	<340	<300	<480
SVP-19		6/28/2013	18	<0.29	0.18	6.9	<1.5	<0.30	<0.44	<0.40	0.72	<0.57
SVP-19		7/30/2013	9.5	0.87	0.15	3.2	<0.66	<0.14	<0.20	<0.18	1.4	0.65
SVP-19	10	12/29/2014	130	<0.30	<0.098	34	<1.5	<0.31	<0.46	0.41J	14	8.1
SVP-20		5/8/2014	34,000	2,800	<68	920	<100	<110	<160	<140	<130	200
SVP-20	8	8/14/2014	93,000	3,900	<200	2,400	<320	<320	<480	<440	<390	<610
SVP-20		11/24/2014	40,000	2,700	<40	1,300	100	<64	<94	<86	<77	<120
SVP-20		2/24/2015	22,000	2,100	<20	880	82	<32	<48	<44	<39	<62
SVP-20		9/21/2015	37,000	3,400	<41	1,800	130	<65	<97	<88	<79	<120
SVP-21	2	5/8/2014	17,000	1,700	<40	1,100	<62	<63	<94	<85	<76	<120
SVP-21		8/14/2014	15,000	1,300	<28	1,100	<43	<44	<66	<43	<53	<84
SVP-21		11/24/2014	12,000	920	<29	900	<45	<46	<68	<61	<55	<86
SVP-21		2/24/2015	9,500	770	<14	680	38	<23	<34	<30	<27	<43
SVP-21		9/21/2015	14,000	1,300	<21	1,400	73	<34	<50	<46	<41	<64

Table 2-7
Soil Gas Sample Analytical Results for VOCs
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
(concentrations reported in micrograms per cubic meter)

Notes:

Units in micrograms per cubic meter (µg/m³) at 25° Celsius and 1 atmosphere

VOC = volatile organic compound	VC = vinyl chloride	1,1-DCA = 1,1-dichloroethane
TCE = trichloroethene	PCE = tetrachloroethene	1,2-DCB = 1,2-dichlorobenzene
cis-1,2-DCE = cis-1,2-dichloroethene	trans-1,2-DCE = trans-1,2-dichloroethene	1,1,1-TCA = 1,1,1-trichloroethane

< = not detected above the laboratory reporting limit
J = estimated value; recovery of laboratory quality control sample results exceed quality control limits for vinyl chloride.
E = exceeds instrument calibration range
na = not analyzed

(1) - The methane mitigation system was expanded in May and June 2013, to capture soil gas from wells under the building (SVE-16 through SVE-20) .
(2) - The methane mitigtion system was expanded in March 2014, to capture soil gas from wells near the north western property boundary (SVE-21 through SVE -23)
(3) - Injection event, Phase 1, completed at 97 locations across the site (May to June 2011)
(4) - Injection event, Phase 2, completed at 54 locations across the site (October to November 2011)
(5) - Injection event, Phase 3, completed at 4 locations across the site (January 2012)
(6) - Injection event, completed upgradient and under 1300 Terra Bella (November to December 2013)
(7) - Injection event, completed at various locations across the site (January through March 2014)
(8) - Surrogate (4-bromofluorbenzene) exceeded quality control limit of 130% due to matrix effects
(9) - Soil vapor monitoring locaiton inaccessible during the sampling event
(10) - Methane mitigation system non-operational December 9, 2014 through January 5, 2015 due to blower failure (replaced January 6, 2015)

Table 3-1
Summary of Well Construction Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Well Number	Aquifer Zone Screened	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)	Well Casing Depth (feet)	Screened Interval Depth (feet)	Sand Pack Interval Depth (feet)	Well Casing Diameter (inches)	Reference No. for Log and Well Construction
T-1S	S	28.38	27.87	30.0	5 - 10; 15 - 20; 25 - 30	5 - 30	2	1
T-2S	S	28.12	27.80	30.0	4.5 - 25	4.5 - 30	2	1
T-3S	S	28.63	28.44	31.5	5 - 25	4.5 - 31.5	2	1
T-4S	S	29.32	28.93	30.0	10 - 30	6 - 30	2	1
T-5I	UI	28.18	27.87	66.5	45 - 65	44 - 65	2	1
T-6S	S	27.37	27.04	35.0	5 - 25	3.5 - 35	2	1
T-7I	LI	28.46	27.72	71.5	50 - 65	48 - 70	2	1
T-8S	S	26.43	26.03	21.5	5 - 15	4 - 19.5	2	1
T-9I	LI	28.07	27.69	70.0	48 - 68	45 - 70	3	2
T-10I	LI	27.30	26.98	80.0	60 - 80	55 - 80	2	2
T-11I	UI	26.53	26.24	65.0	41 - 65	41 - 65	3	2
T-12S	S	27.84	27.33	35.0	10 - 35	10 - 35	3	2
T-13I	UI	27.84	27.40	60.0	45 - 60	43 - 60	3	2
T-14S	S	31.26	30.91	30.0	10 - 30	8 - 30	2	2
T-15S	S	30.40	29.79	30.0	10 - 30	6 - 30	2	2
T-19S	S	31.70	31.48	34.0	14 - 34	11 - 34	2	3
T-20S	S	29.38	29.10	38.0	18 - 38	14 - 38	2	3
T-31S	S	27.70	27.32	28.5	11.5 - 26.5	11 - 29	4	7
T-32I	UI	26.20	24.54	51.5	35 - 50	50 - 54	6	7
T-33I	S	27.10	26.34	20.0	10 - 18	9 - 20	4	8
T-34S	S	29.60	29.03	16.0	9 - 14	8 - 17	4	8
PZ-1S	S	30.20	27.84	20.0	10 - 18	8 - 22	2	5
PZ-2S	S	29.30	26.80	22.0	10 - 20	8 - 25	2	5
PZ-3S	S	28.00	25.55	19.0	6 - 18.5	5 - 19	2	5
PZ-4S	S	27.40	26.88	26.5	7 - 25	6.5 - 28	2	7
PZ-5S	S	27.80	27.17	28.5	9 - 27	7.5 - 29	2	7
PZ-7S	S	26.30	25.56	20.0	10 - 18	9 - 20	2	8
PZI-1	UI	27.30	26.82	54.5	39 - 52.5	37.5 - 54.5	4	7
VW-1	V	26.40	25.63	98.0	91 - 95.5	89 - 98	4	6
RA-1S	S	27.50	25.28	25.0	9 - 22	7 - 27	6	4

Table 3-1
Summary of Well Construction Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Well Number	Date Completed	Zone	Well Elevation (TOC)	Borehole Depth (feet)	Borehole Diameter (inches)	Casing Depth (feet)	Casing Diameter (inches)	Perforated Interval (feet)	Sand Pack Interval (feet)	Drilling Method	Packing Material	Screen Type	Well Permit Number
S-1	Dec-84	S	35.55	35.00	8	35	2.00	6 - 33	6 - 35	HSA	#4 Monterey	0.02 SLOTS	Unknown
S-2	Dec-84	S	36.01	35.00	8	35	2.00	6 - 33	6 - 35	HSA	#4 Monterey	0.02 SLOTS	Unknown
S-3	Dec-84	S	32.38	35.00	8	35	2.00	6 - 33	6 - 35	HSA	#4 Monterey	0.02 SLOTS	Unknown
S-4	Dec-84	S	34.58	35.00	8	35	2.00	6 - 33	6 - 35	HSA	#4 Monterey	0.02 SLOTS	Unknown
S-5	Dec-84	S	32.89	35.00	8	35	2.00	6 - 33	6 - 35	HSA	#4 Monterey	0.02 SLOTS	Unknown
S-6	Dec-84	S	34.07	35.00	8	35	2.00	6 - 33	6 - 35	HSA	#4 Monterey	0.02 SLOTS	Unknown
S-7	Dec-84	S	32.65	35.00	8	35	2.00	6 - 33	6 - 35	HSA	#4 Monterey	0.02 SLOTS	Unknown
S-8	18-Apr-85	S	29.36	19.00	10	19	4.00	9 - 19	8 - 19	HSA	#3 Sand	.02" SLOTS	85W0464
S-9	18-Apr-85	S	28.53	21.50	10	20	4.00	10 - 20	9 - 20	HSA	#3 Sand	.02" SLOTS	85W0466
S-10	17-Apr-85	S	26.40	21.00	10	19	4.00	9 - 19	8 - 19	HSA	#3 Sand	.02" SLOTS	85W0465
S-11	17-Apr-85	S	26.16	22.50	10	22.5	4.00	9 - 22.5	7 - 22.5	HSA	#3 Sand	.02" SLOTS	85W0463
S-12	19-Apr-85	S	35.55	24.00	10	21	4.00	10 - 20.5	8 - 24	HSA	#3 Sand	.02" SLOTS	85W0467
S-13	30-Apr-85	I	29.34	34.00	12 & 8	34	4.00	28 - 34	26 - 34	HSA	#3 Sand	.02" SLOTS	85W0565
S-14	2-May-85	L	29.43	60.00	12	60	4.00	50 - 60	50 - 60	HSA	#3 Sand	.02" SLOTS	85W0577
S-15I	29-Jan-88	I	30.90	37.00	14 & 7-7/8	37	4.00	32 - 37	30.5 - 37.5	HSA & MR	#3 Sand	.02" SLOTS	87W1576
S-16I	27-Jan-88	I	30.65	63.00	14 & 7-7/8	56	4.00	35 - 56	34 - 56	HSA & MR	#3 Sand	.02" SLOTS	87W1578
S-17	25-Jan-88	S	30.81	16.00	10	15	4.00	9.5 - 15	8.5 - 17	HSA	#3 Sand	.02" SLOTS	87W1577
S-18	25-Mar-88	S	36.14	16.50	10	16.5	4.00	11 - 16.5	10 - 16.5	HSA	#3 Sand	.02" SLOTS	88W0401
S-18A	25-Mar-88	S	36.11	29.00	10	27	4.00	22 - 27	20-27.5	HSA	#3 Sand	.02" SLOTS	88W0431
S-19	24-Mar-88	S	35.94	20.00	8	20	4.00	10 - 20	7-20	HSA	#3 Sand	.02" SLOTS	88W0402
R-1	Sep-84	S	31.97	21.50	8	21.5	2.00	11.5 - 21.5	10 - 21.5	HSA	#3 Monterey	0.02 SLOTS	Unknown
R-2	Sep-84	S	32.31	22.50	8	22.5	2.00	12.5 - 22.5	9 - 22.5	HSA	#3 Monterey	0.02 SLOTS	Unknown

Table 3-1
Summary of Well Construction Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Well Number	Date Completed	Zone	Well Elevation (TOC)	Borehole Depth (feet)	Borehole Diameter (inches)	Casing Depth (feet)	Casing Diameter (inches)	Perforated Interval (feet)	Sand Pack Interval (feet)	Drilling Method	Packing Material	Screen Type	Well Permit Number
North Bayshore Area Wells													
W-1	24-Jan-86	I	13.56	47.00	14 & 7-3/4	47	4.00	40 - 47	38 - 47	MR	#3 SAND	.02" SLOTS	86W0010
W-2	17-Jan-86	S	18.55	23.00	14 & 7-3/4	23	4.00	7 - 23	5 - 23	HSA	#3 SAND	.02" SLOTS	86W0052
W-2A	28-Jan-86	I	18.31	54.00	14 & 7-3/4	51	4.00	44.5 - 51	43 - 51	MR	#3 SAND	.02" SLOTS	86W0053
W-3	7-Jan-86	S	11.56	18.00	10	18	4.00	8 - 18	6 - 18	HSA	#3 SAND	.02" SLOTS	86W0002
W-4	8-Jan-86	S	15.31	26.50	10	25	4.00	10 - 25	8 - 25	HSA	#3 SAND	.02" SLOTS	86W0003
W-4A	15-Jan-86	I	15.21	50.00	14 & 7-3/4	50	4.00	35 - 50	33 - 50	MR	#3 SAND	.02" SLOTS	86W0004
W-5	22-Jan-86	I	9.05	55.00	14 & 7-3/4	52	4.00	38 - 52	36 - 52	MR	#3 SAND	.02" SLOTS	86W0005
W-6	6-Jan-86	S	8.05	20.00	10	20	4.00	10 - 20	9 - 20	HSA	#3 SAND	.02" SLOTS	86W0006
W-6A	17-Jan-86	I	7.91	45.00	14 & 7-3/4	42.5	4.00	33 - 42.5	30 - 42.5	MR	#3 SAND	.02" SLOTS	86W0007
W-7	8-Jan-86	S	8.93	19.00	14 & 7-7/8	17.5	4.00	7.5 - 17.5	6 -17.5	HSA	#3 SAND	.02" SLOTS	86W0008
W-7A	11-Jan-86	I	8.72	36.00	14 & 7-3/4	36	4.00	30 - 36	28 - 36	MR	#3 SAND	.02" SLOTS	86W0009
Well 21	13-Jun-85	S	12.90	24.00	8	20	2.00	7 - 20	6 - 21	HSA	6x12 Monterey	0.02 SLOTS	Unknown
Well 22	13-Jun-85	S	8.67	21.50	8	18	2.00	7 - 18	6 - 19	HSA	6x12 Monterey	0.02 SLOTS	Unknown
Well 23	13-Jun-85	S	7.48	23.50	8	19	2.00	7 - 19	6 - 20	HSA	6x12 Monterey	0.02 SLOTS	Unknown
24-S	25-Aug-86	S	12.40	20.00	8	17.5	4.00	7 - 15	5 - 20	HSA	#3 Monterey	0.02 SLOTS	Unknown
24-I	22-Aug-86	I	12.40	92.00	8	50.5	4.00	43 - 48	41 - 53	MR	#3 Monterey	0.02 SLOTS	Unknown
26-S	16-Oct-86	S	32.50	21.00	11-7/8	19.5	4.00	9 - 17	7.5 - 21	HSA	#3 Monterey	0.02 SLOTS	Unknown
26-I	15-Oct-86	I	32.50	43.50	11-7/8	41	4.00	32 - 38.5	30 - 43.5	MR	#3 Monterey	0.02 SLOTS	Unknown
27-I	9-Sep-86	I	13.80	66.00	7-7/8	63.5	4.00	53 - 61	50.5 - 64	MR	#3 Monterey	0.02 SLOTS	Unknown
28-S	2-Sep-86	S	5.82	33.00	7-7/8	32.5	4.00	10 - 30	8 - 33	MR	#3 Monterey	0.02 SLOTS	Unknown
28-I	28-Aug-86	I	6.60	70.00	7-7/8	49.5	4.00	42.5 - 47	40 - 51	MR	#3 Monterey	0.02 SLOTS	Unknown
29-S	29-Sep-86	S	19.95	16.00	7-7/8	14.5	4.00	6 - 12	5 - 16	MR	#3 Monterey	0.02 SLOTS	Unknown
29-I	26-Sep-86	I	20.14	42.00	9-7/8	39.5	4.00	29 - 37	27 - 40	MR	#3 Monterey	0.02 SLOTS	Unknown
30-S	10-Oct-86	S	8.73	26.00	7-7/8	25	4.00	10 - 22.5	8 - 26	MR	#3 Monterey	0.02 SLOTS	Unknown
30-I	9-Oct-86	I	8.75	70.00	7-7/8	46	4.00	39 - 43.5	37 - 50	MR	#3 Monterey	0.02 SLOTS	Unknown
VW-2	30-Oct-86	VE	12.87	109.00	7-7/8	107	4.00	100 - 104.5	98 - 109	MR	#3 Monterey	0.02 SLOTS	Unknown
VW-3	20-Oct-86	VE	11.67	86.00	7-7/8	84	4.00	74 - 81.5	72 - 86	MR	#3 Monterey	0.02 SLOTS	Unknown
VW-4	7-Oct-86	VE	9.07	115.00	7-7/8	113	4.00	104 - 111	100 - 115	MR	#3 Monterey	0.02 SLOTS	Unknown

Table 3-1
Summary of Well Construction Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Well Number	Date Completed	Zone	Well Elevation (TOC)	Borehole Depth (feet)	Borehole Diameter (inches)	Casing Depth (feet)	Casing Diameter (inches)	Perforated Interval (feet)	Sand Pack Interval (feet)	Drilling Method	Packing Material	Screen Type	Well Permit Number
NB-1I	26-Oct-88	I	14.22	38.00	10 & 5-7/8	36	2.00	30 - 36	28 - 36	MR	#3 SAND	.02" SLOTS	88W1667
NB-2	19-Oct-88	S	14.49	15.00	8	14	2.00	8 - 14	7 - 14	HSA	#3 SAND	.02" SLOTS	88W1668
NB-3I	28-Oct-88	I	13.16	44.00	10 & 5-7/8	41	2.00	35 - 41	32 - 42	MR	#3 SAND	.02" SLOTS	88W1669
NB-4	21-Oct-88	S	12.76	15.00	8	15	2.00	10 - 14.5	8 - 16.5	HSA	#3 SAND	.02" SLOTS	88W1670
NB-5	14-Feb-89	S	13.53	20.00	8	20	2.00	10 - 15	9 - 20	HSA	#3 SAND	.02" SLOTS	88W1671
NB-6	14-Feb-89	S	13.77	20.00	8	20	2.00	10 - 15	8 - 20	HSA	#3 SAND	.02" SLOTS	88W1672
NB-7	20-Oct-88	S	11.67	15.00	8	15	2.00	10 - 14.5	8 - 16.5	HSA	#3 SAND	.02" SLOTS	88W1673
NB-8	20-Oct-88	S	11.92	15.00	8	15	2.00	10 - 14.5	8 - 16	HSA	#3 SAND	.02" SLOTS	88W1674
NB-9	1-Nov-88	S	9.00	16.00	8	16	2.00	11 - 16	9.5 - 16.5	HSA	#3 SAND	.02" SLOTS	88W1675
NB-10I	17-Oct-88	I	0.64	60.00	10 & 5-7/8	60	2.00	54 - 59	52 - 60	MR	#3 SAND	.02" SLOTS	88W1676
NB-11	19-Oct-88	S	0.78	15.00	8	15	2.00	10 - 15	9 - 16.5	HSA	#3 SAND	.02" SLOTS	88W1677
NB-13I	10-Feb-89	I	13.33	45.00	10 & 5-7/8	43	2.00	33 - 42.5	32 - 43	MR	#3 SAND	.02" SLOTS	88W1679
NB-14	20-Oct-88	S	12.32	17.00	8	17	2.00	12 - 17	10 - 17	HSA	#3 SAND	.02" SLOTS	88W1680
NB-15	15-Feb-89	S	13.82	20.00	8	19	2.00	9 - 18.5	8 - 20	HSA	#3 SAND	.02" SLOTS	88W1681
NB-16I	20-Oct-88	I	12.94	63.00	10 & 5-7/8	63	2.00	51 - 61	49 - 63	MR	#3 SAND	.02" SLOTS	88W1682
NB-17	21-Oct-88	S	12.93	15.00	8	15	2.00	10 - 15	8 - 16.5	HSA	#3 SAND	.02" SLOTS	88W1683
NB-18I	8-Feb-89	I	11.09	45.50	10 & 5-7/8	45	2.00	35 - 45	34 - 45.5	MR	#3 SAND	.02" SLOTS	88W1871
NB-19	14-Feb-89	S	10.96	19.00	8	19	2.00	9.5 - 18.5	7 - 19	HSA	#3 SAND	.02" SLOTS	88W1872
NB-20	11-Apr-89	S	10.02	35.50	8	35.5	2.00	25.5 - 35.5	23.5 - 36.5	HSA	#3 SAND	.02" SLOTS	89W0602
NB-21	11-Apr-89	S	8.04	40.00	8	39	2.00	29 - 38.5	27 - 38.5	HSA	#3 SAND	.02" SLOTS	89W0603
NB-22I	12-Apr-89	I	7.37	34.00	8	34	2.00	24 - 33.5	22 - 34	MR	#3 SAND	.02" SLOTS	89W0607
NB-23S	12-Apr-89	S	7.48	20.00	8	20	2.00	10 - 20	8 - 20	HSA	#3 SAND	.02" SLOTS	89W0604
SP-1I	13-Mar-87	I	13.23	80.00	8	80	2.00	65 - 80	61 - 80	MR	#3 SAND	.02" SLOTS	87W0219
SP-2I	11-Mar-87	I	11.80	65.00	6	42.5	2.00	27 - 46	24 - 42	MR	#3 SAND	.02" SLOTS	87W0221
SP-3I	19-Mar-87	I	9.72	61.00	8	61	2.00	35 - 50	33 - 61	MR	#3 SAND	.02" SLOTS	87W0223
SP-4I	23-Mar-87	I	8.16	60.00	8	60	2.00	35 - 60	28 - 60	MR	#3 SAND	.02" SLOTS	87W0279
SP-5I	25-Mar-87	I	8.49	62.00	8	60	2.00	40 - 60	35 - 62	MR	#3 SAND	.02" SLOTS	87W0280
SP-6I	27-Mar-87	I	12.73	55.00	8	55	2.00	35 - 55	33 - 55	MR	#3 SAND	.02" SLOTS	87W0345
SP-10I	28-Apr-87	I	13.98	55.00	8	55	4.00	30 - 50	30 - 55	HS/MR	#3 SAND	.02" SLOTS	87W0459
NC-1S	12-Apr-89	S	9.52	20.50	10	20.5	4.00	10 - 20.5	20.5	HSA	#3 SAND	.02" SLOTS	89W0606
NC-2I	20-Apr-89	I	9.52	31.00	12	31	4.00	26 - 31	24 - 31	MR	6x12 SAND	.02" SLOTS	89W0599

Table 3-1
Summary of Well Construction Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Well Number	Date Completed	Zone	Well Elevation (TOC)	Borehole Depth (feet)	Borehole Diameter (inches)	Casing Depth (feet)	Casing Diameter (inches)	Perforated Interval (feet)	Sand Pack Interval (feet)	Drilling Method	Packing Material	Screen Type	Well Permit Number
NC-3S	13-Apr-89	S	5.33	16.50	10	16.5	4.00	6 - 16.5	5 - 16.5	HSA	#3 SAND	.02" SLOTS	89W0598
NC-4I	20-Apr-89	I	5.09	40.00	12	40	4.00	30 - 39.5	28 - 40	MR	#3 SAND	.02" SLOTS	89W0605
NC-5S	13-Apr-89	S	5.61	18.00	10	18	4.00	7 - 17.5	6 - 18	HSA	#3 SAND	.02" SLOTS	89W0600
NC-6I	20-Apr-89	I	5.87	38.00	12	38	4.00	30 - 38	28.5 - 38	MR	#3 SAND	.02" SLOTS	89W0601
NC-7S	17-Jul-89	S	5.20	23.50	10.5	18	4.00	11 - 16	9 - 19	HSA	#3 Monterey	0.02 SLOTS	Unknown
North Bayshore Extraction System (NBES) Wells													
E-1	1-Jun-88	S	13.00	25.00	12-1/4	20.5	6.00	8.5 - 15	7 - 15.5	MR	8x16 SAND	.045" SLOTS	88W0741
E-2	2-Jun-88	S	13.17	20.00	12-1/4	20	6.00	9.5 - 14.5	7.5 - 15	MR	8x16 SAND	.045" SLOTS	88W0744
E-3	2-Jun-88	S	13.29	20.00	12-1/4	20	6.00	9.5 - 14.5	8 - 14.5	MR	8x16 SAND	.045" SLOTS	88W0747
E-4	9-Jun-88	S	14.16	37.00	12-1/4	37	6.00	(a)	12 - 32	MR	8x16 SAND	.045" SLOTS	88W0736
E-5	8-Jun-88	S	13.52	20.50	12-1/4	20	6.00	10.5 - 14.5	8.5 - 15	MR	8x16 SAND	.045" SLOTS	88W0739
E-6	7-Jun-88	S	13.27	22.50	12-1/4	22.5	6.00	10 - 17	8.5 - 18	MR	8x16 SAND	.045" SLOTS	88W0737
E-7	5-Aug-88	S	11.33	30.50	12-1/4	28.5	6.00	(b)	14 - 24.5	MR	8x16 SAND	.045" SLOTS	87W1201
E-8	27-May-88	S	8.08	27.00	12-1/4	25	6.00	9.5 - 19.5	15 - 20	MR	8x16 SAND	.045" SLOTS	88W0733
E-9	26-May-88	S	8.19	25.00	12-1/4	22.5	6.00	12.5 - 17.5	10.5 - 18	MR	8x16 SAND	.045" SLOTS	88W0734
E-10	3-Jun-88	I	13.71	48.50	12-1/4	48.5	6.00	33 - 43.5	31 - 43.5	MR	8x16 SAND	.045" SLOTS	88W0743
E-11	6-Jun-88	I	14.04	58.00	12-1/4	57	6.00	(c)	38 - 58	MR	8x16 SAND	.045" SLOTS	88W0740
E-12	7-Jun-88	I	13.46	55.00	12-1/4	50.5	6.00	40 - 45	38 - 45.5	MR	8x16 SAND	.045" SLOTS	88W0738
E-13	9-Jun-88	I	11.68	64.00	12-1/4	61.5	6.00	(d)	37.5 - 56.5	MR	8x16 SAND	.045" SLOTS	88W0745
E-14	8-Jun-88	I	11.83	49.00	12-1/4	48.5	6.00	37.5 - 43.5	35 - 44	MR	8x16 SAND	.045" SLOTS	88W0742
E-15	4-Aug-88	I	8.33	52.00	12-1/4	49	6.00	40.5 - 43.5	38.5 - 44.5	MR	8x16 SAND	.045" SLOTS	88W1198
E-16	2-Aug-88	S	1.27	35.00	12-1/4	35	6.00	(e)	11 - 31	MR	8x16 SAND	.045" SLOTS	88W1200
E-17	9-Aug-88	S	0.85	39.00	12-1/4	39	6.00	24 - 34	20 - 35	MR	8x16 SAND	.045" SLOTS	88W1199
Spring Street Area Wells													
ES-1S	29-Dec-88	S	20.25	25.00	14	23	6.00	9 - 19	7 - 25	MR	#3 Monterey	0.02 SLOTS	Unknown
ES-2S	11-Jan-89	S	21.82	22.50	12-1/4	20	6.00	8 - 16	6 - 22.5	MR	#3 Monterey	0.02 SLOTS	Unknown
ES-3I	15-Nov-88	LI	27.25	75.00	9-7/8	73	6.00	54 - 69	51.5 - 75	MR	#8 LS	SLOTS	Unknown
ES-4I	18-Nov-88	I	22.45	43.00	14-3/4	40	6.00	26 - 36	23.5 - 41	MR	#8 LS	SLOTS	Unknown
ES-5S	10-Jan-89	S	22.67	21.00	12-1/4	19	6.00	10 - 15	8 - 20	MR	#3 Monterey	0.02 SLOTS	Unknown
PS-1S	11-Jan-89	S	20.78	23.00	11	21	4.00	8 - 18	6 - 21	HSA	#3 LS	0.02 SLOTS	Unknown
PS-2S	12-Jan-89	S	20.95	23.00	11	21	4.00	8 - 18	6.5 - 21	HSA	#3 LS	0.02 SLOTS	Unknown

Table 3-1
Summary of Well Construction Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Well Number	Date Completed	Zone	Well Elevation (TOC)	Borehole Depth (feet)	Borehole Diameter (inches)	Casing Depth (feet)	Casing Diameter (inches)	Perforated Interval (feet)	Sand Pack Interval (feet)	Drilling Method	Packing Material	Screen Type	Well Permit Number
PS-3I	17-Nov-88	I	21.18	44.00	14-3/4	41	6.00	34 - 39	31.5 - 41.5	MR	6x12 LS	SLOTS	Unknown
PS-4S	10-Jan-89	S	21.27	22.00	11	21.5	4.00	8.5 - 18.5	6.5 - 21.5	HSA	#3 LS	0.02 SLOTS	Unknown
PS-5I	28-Dec-88	I	21.89	52.00	10-3/4	45	6.00	23 - 41	20.5 - 47	MR	#3 LS	0.02 SLOTS	Unknown
PS-6S	8-Jan-89	S	22.83	21.00	11	18.5	4.00	11.5 - 16.5	9.5 - 19	HSA	#3 LS	0.02 SLOTS	Unknown
MS-1S	27-Dec-88	S	19.58	21.00	11	21	4.00	8 - 18	6 - 21	HSA	#3 LS	0.02 SLOTS	Unknown
MS-2I	28-Nov-88	I	20.67	53.00	9-1/6	50	4.00	32 - 47	29.5 - 50.5	HSA	#3 LS	SLOTS	Unknown
MS-3I	12-Nov-88	LI	20.95	76.00	7-7/8	75	4.00	62 - 72	26 - 59	MR	#8 LS	SLOTS	Unknown
MS-4S	6-Jan-89	S	21.78	21.00	11	20	4.00	7 - 17	5 - 20	HSA	#3 Monterey	0.02 SLOTS	Unknown
MS-5I	20-May-88	LI	21.79	72.00	7-7/8	70	4.00	55 - 70	52 - 70	MR	#3 Monterey	0.02 SLOTS	88W0631
MS-6I	19-Feb-88	LI	22.71	57.00	7-7/8	55	4.00	45 - 55	43 - 57	MR	#3 Monterey	0.02 SLOTS	88W0211
MS-7I	23-May-88	S	22.07	36.50	10	34	4.00	28 - 33	26 - 33	HSA	#3 Monterey	0.02 SLOTS	88W0746
MS-8I	23-Nov-88	LI	22.66	78.00	8-5/8	67	4.00	61 - 64	58 - 67.5	MR	#3 Monterey	0.042 SLOTS	Unknown
MS-9S	23-May-88	S	23.08	33.60	10	33.6	4.00	8 - 33	7 - 33	HSA	#3 Monterey	0.02 SLOTS	88W0632
MS-10S	7-Jun-89	S	19.82	22.50	11	21.5	4.00	6.5 - 19.5	5 - 22.5	HSA	#3 Monterey	0.02 SLOTS	Unknown
Deep Aquifer Wells													
C-1	18-Jun-86	D	30.70	376.00	5-1/4	366.5	4.00	331 - 361	320 - 370	MR	#3 Monterey	0.02 SLOTS	Unknown
C-2	10-Jul-86	D	30.86	285.00	9-7/8	285	5.00	250 - 285	245 - 285	MR	#4 Monterey	0.20 SLOTS	86W0957

Notes:
(a) Extraction well E-4 was perforated at three separate intervals: 14 - 17', 21 - 23', and 25.5 - 31.5'.
(b) Extraction well E-7 was perforated at two separate intervals: 17 - 20' and 21.5 - 23.5'.
(c) Extraction well E-11 was perforated at three separate intervals: 40 - 43', 46 - 48', and 51.5 - 56.5'.
(d) Extraction well E-13 was perforated at two separate intervals: 39.5 - 45.5' and 51 - 56'.
(e) Extraction well E-16 was perforated at three separate intervals: 13 - 15', 19 - 22', and 26 - 30'.
The borehole on extraction well E-15 was telescoped from 17-1/2" to 9-7/8".
Well elevations measured relative to mean sea level.
S - Shallow Zone, I - Upper-Intermediate Zone, L - Lower-Intermediate Zone, D - Deep Aquifer, HSA - Hollow-Stem Auger, MR - Mud Rotary, VE - Vertical Extent
TOC = top of casing
msl = mean sea level

Table 3-2
Historical Groundwater Elevation Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Groundwater elevation data reported in feet above mean sea level

Well Identification	Designated Screen Zone	Well Elevation (ft msl)	16-Aug-93 Depth to Water (feet)	16-Aug-93 Water-Level Elevation (ft msl)	15-Nov-93 Depth to Water (feet)	15-Nov-93 Water-Level Elevation (ft msl)	14-Feb-94 Depth to Water (feet)	14-Feb-94 Water-Level Elevation (ft msl)	16-May-94 Depth to Water (feet)	16-May-94 Water-Level Elevation (ft msl)	15-Aug-94 Depth to Water (feet)	15-Aug-94 Water-Level Elevation (ft msl)
Spectra-Physics Wells												
S-1	Shallow	35.55	11.97	23.58	12.14	23.41	11.57	23.98	11.13	24.42	11.38	24.17
S-2	Shallow	36.01	13.24	22.77	13.50	22.51	12.87	23.14	12.33	23.68	12.65	23.36
S-3	Shallow	32.38	12.61	19.77	12.75	19.63	12.10	20.28	11.53	20.85	11.92	20.46
S-4	Shallow	34.58	14.80	19.78	15.05	19.53	14.20	20.38	13.62	20.96	14.03	20.55
S-5	Shallow	32.89	12.93	19.96	13.08	19.81	12.38	20.51	11.92	20.97	12.28	20.61
S-6	Shallow	34.07	12.05	22.02	12.26	21.81	11.67	22.40	11.19	22.88	11.50	22.57
S-7	Shallow	32.65	10.82	21.83	10.95	21.70	10.23	22.42	9.78	22.87	10.10	22.55
S-8	Shallow	29.36	11.52	17.84	11.71	17.65	10.77	18.59	10.30	19.06	10.81	18.55
S-9	Shallow	28.53	10.44	18.09	10.60	17.93	9.70	18.83	9.27	19.26	9.68	18.85
S-10	Shallow	26.40	9.76	16.64	9.82	16.58	9.02	17.38	8.62	17.78	9.16	17.24
S-11	Shallow	26.16	8.98	17.18	9.13	17.03	8.20	17.96	7.76	18.40	8.23	17.93
S-12	Shallow	35.55	11.10	24.45	11.32	24.23	10.66	24.89	10.09	25.46	10.28	25.27
S-13	Upper Intermediate	29.34	11.16	18.18	11.32	18.02	10.42	18.92	10.01	19.33	10.42	18.92
S-14	Lower Intermediate	29.43	11.18	18.25	11.25	18.18	10.34	19.09	9.98	19.45	10.41	19.02
S-15I	Upper Intermediate	30.90	12.24	18.66	12.38	18.52	13.55	17.35	11.06	19.84	11.50	19.40
S-16I	Upper Intermediate	30.65	11.01	19.64	10.33	20.32	9.53	21.12	9.09	21.56	9.46	21.19
S-17	Shallow	30.81	10.21	20.60	11.12	19.69	10.47	20.34	10.05	20.76	10.44	20.37
S-18	Shallow	36.14	12.61	23.53	12.77	23.37	12.21	23.93	11.84	24.30	12.11	24.03
S-18A	Shallow	36.11	12.60	23.51	12.80	23.31	12.22	23.89	11.82	24.29	12.06	24.05
S-19	Shallow	35.94	14.91	21.03	15.09	20.85	14.55	21.39	14.00	21.94	14.37	21.57
R-1	Shallow	31.97	12.67	19.30	12.85	19.12	12.11	19.86	11.55	20.42	12.00	19.97
R-2	Shallow	32.31	13.90	18.41	14.08	18.23	13.20	19.11	12.70	19.61	12.12	20.19
Teledyne Semiconductor Wells												
T-1	Shallow	27.87	10.60	17.27	10.76	17.11	9.86	18.01	9.41	18.46	10.12	17.75
T-2	Shallow	27.80	11.50	16.30	11.22	16.58	10.27	17.53	9.85	17.95	10.32	17.48
T-3	Shallow	28.44	13.15	15.29	13.45	14.99	12.45	15.99	12.10	16.34	12.63	15.81
T-4	Shallow	28.93	8.67	18.12	10.78	18.15	10.11	18.82	9.64	19.29	9.78	19.15
T-5	Upper Intermediate	27.87	10.73	17.14	10.83	17.04	9.88	17.99	9.56	18.31	10.12	17.75
T-6	Shallow	27.04	11.10	15.94	11.19	15.85	10.21	16.83	9.85	17.19	10.34	16.70
T-7	Lower Intermediate	27.72	11.63	16.09	11.64	16.08	10.62	17.10	10.34	17.38	10.93	16.79
T-8	Shallow	26.03	12.39	13.64	12.71	13.32	11.68	14.35	11.42	14.61	11.98	14.05
T-9	Lower Intermediate	27.69	10.52	17.17	10.56	17.13	9.62	18.07	9.26	18.43	9.78	17.91
T-10	Lower Intermediate	26.98	10.59	16.39	10.56	16.42	9.58	17.40	9.37	17.61	9.84	17.14
T-11	Upper Intermediate	26.24	15.88	10.36	15.95	10.29	14.70	11.54	14.67	11.57	15.42	10.82
T-12	Shallow	27.33	11.64	15.69	11.70	15.63	10.72	16.61	10.36	16.97	10.91	16.42
T-13	Lower Intermediate	27.40	11.50	15.90	11.53	15.87	10.62	16.78	10.35	17.05	10.86	16.54
T-14	Shallow	30.91	12.00	18.91	12.08	18.83	11.32	19.59	10.88	20.03	11.30	19.61
T-15	Shallow	29.79	11.66	18.13	11.82	17.97	10.98	18.81	10.55	19.24	10.96	18.83
T-19	Shallow	31.48	11.82	19.66	11.85	19.63	11.11	20.37	10.71	20.77	11.21	20.27
T-20	Shallow	29.10	11.35	17.75	11.42	17.68	10.54	18.56	10.16	18.94	10.67	18.43
25I	Upper Intermediate	31.17	11.27	19.90	11.30	19.87	10.60	20.57	10.31	20.86	10.31	20.86
T-31S	Shallow	27.32	NM	NM	12.35	14.97	11.36	15.96	11.02	16.30	11.12	16.20
T-32I	Upper Intermediate	24.54	16.10	8.44	16.21	8.33	14.94	9.60	15.00	9.54	15.85	8.69
T-33I	Upper Intermediate	26.34	11.82	14.52	11.83	14.51	10.91	15.43	10.68	15.66	11.20	15.14
T-34S	Shallow	29.03	10.42	18.61	10.59	18.44	9.81	19.22	9.35	19.68	9.82	19.21
RA-1	Shallow	25.28	12.17	13.11	13.35	11.93	12.22	13.06	12.07	13.21	12.70	12.58
VW-1	Vertical Extent	25.63	10.18	15.45	10.10	15.53	9.27	16.36	9.47	16.16	9.58	16.05
PZI-1	Upper Intermediate	26.82	14.67	12.15	14.76	12.06	13.58	13.24	13.50	13.32	14.18	12.64
PZ-1S	Shallow	27.84	13.03	14.81	13.38	14.46	12.38	15.46	12.06	15.78	12.60	15.24
PZ-2S	Shallow	26.80	12.15	14.65	12.55	14.25	11.53	15.27	11.22	15.58	11.75	15.05
PZ-3S	Shallow	25.55	11.65	13.90	12.08	13.47	11.01	14.54	10.75	14.80	11.31	14.24
PZ-4S	Shallow	26.88	10.49	16.39	10.64	16.24	9.68	17.20	9.28	17.60	9.78	17.10
PZ-5S	Shallow	27.17	11.38	15.79	11.47	15.70	10.43	16.74	10.15	17.02	10.66	16.51
PZ-6S	Shallow	23.31	NM	NM	NM	NM	NM	NM	7.40	15.91	NM	NM
PZ-7S	Shallow	25.56	11.09	14.47	11.27	14.29	10.21	15.35	9.85	15.71	10.47	15.09
North Bayshore Wells												
SP-1I	Upper Intermediate	13.23	9.26	3.97	9.08	4.15	8.08	5.15	8.57	4.66	8.62	4.61
SP-2I	Upper Intermediate	11.80	11.46	0.34	11.06	0.74	7.93	3.87	10.22	1.58	10.52	1.28
SP-3I	Upper Intermediate	9.72	8.56	1.16	8.60	1.12	7.71	2.01	8.01	1.71	8.69	1.03
SP-4I	Upper Intermediate	8.16	7.56	0.60	7.62	0.54	6.79	1.37	7.01	1.15	7.73	0.43
SP-5I	Upper Intermediate	8.49	13.10	-4.61	12.42	-3.93	11.35	-2.86	12.38	-3.89	11.81	-3.32
SP-6I	Upper Intermediate	12.73	9.29	3.44	8.99	3.74	7.98	4.75	8.55	4.18	8.53	4.20
SP-10I	Upper Intermediate	13.98	10.70	3.28	10.53	3.45	10.05	3.93	10.32	3.66	10.49	3.49
NC1S	Shallow	9.37	15.34	-5.97	15.08	-5.71	15.19	-5.82	15.22	-5.85	15.42	-6.05
NC2I	Upper Intermediate	9.37	15.33	-5.96	15.41	-6.04	15.18	-5.81	15.23	-5.86	15.35	-5.98
NC3S	Shallow	5.19	10.11	-4.92	10.28	-5.09	10.06	-4.87	10.09	-4.90	10.32	-5.13
NC4I	Upper Intermediate	4.95	9.68	-4.73	9.91	-4.96	9.62	-4.67	9.63	-4.68	9.90	-4.95
NC5S	Shallow	5.45	7.22	-1.77	7.18	-1.73	7.02	-1.57	7.00	-1.55	7.16	-1.71
NC6I	Upper Intermediate	5.73	7.47	-1.74	7.45	-1.72	7.31	-1.58	7.28	-1.55	7.44	-1.71
NC7S	Shallow	5.20	12.29	-7.09	12.90	-7.70	12.48	-7.28	12.42	-7.22	12.14	-6.94
NC8S	Shallow	9.73	10.90	-1.17	11.25	-1.52	10.79	-1.06	10.85	-12.02	11.61	-13.13
NC9I	Upper Intermediate	9.82	11.45	-1.63	11.81	-1.99	11.36	-1.54	11.35	-12.98	12.02	-14.01
W-1	Upper Intermediate	13.56	4.88	8.68	4.83	8.73	4.15	9.41	4.05	9.51	4.47	9.09
W-2	Shallow	18.55	9.40	9.15	9.38	9.17	8.71	9.84	8.60	9.95	9.09	9.46
W-2A	Upper Intermediate	18.31	9.28	9.03	9.38	8.93	8.81	9.50	8.72	9.59	9.07	9.24
W-3	Shallow	11.56	8.04	3.52	7.80	3.76	7.37	4.19	7.60	3.96	7.96	3.60
W-4	Shallow	15.16	13.52	1.64	13.46	1.70	13.43	1.73	13.37	1.79	13.57	1.59
W-4A	Upper Intermediate	15.06	13.31	1.75	13.29	1.77	13.22	1.84	13.19	1.87	13.41	1.65
W-5	Upper Intermediate	8.64	7.14	1.50	7.36	1.28	6.91	1.73	6.95	1.69	7.51	1.13
W-6	Shallow	8.04	8.18	-0.14	8.26	-0.22	7.41	0.63	7.47	0.57	7.97	0.07
W-6A	Upper Intermediate	7.91	8.11	-0.20	8.21	-0.30	7.32	0.59	7.45	0.46	7.90	0.01
W-7	Shallow	7.68	9.57	-1.89	9.85	-2.17	9.29	-1.61	9.48	-1.80	10.40	-2.72
W-7A	Upper Intermediate	7.66	19.87	-12.21	20.47	-12.81	20.45	-12.79	21.90	-14.24	26.48	-18.82
Well 21	Shallow	12.86	6.52	6.34	6.42	6.44	6.08	6.78	5.99	6.87	6.05	6.81
Well 22	Shallow	8.67	7.16	1.51	7.43	1.24	7.04	1.63	7.11	1.56	7.70	0.97
Well 23	Shallow	7.46	5.53	1.93	6.08	1.38	5.99	1.47	5.59	1.87	6.18	1.28
24S	Shallow	11.78	5.54	6.24	5.35	6.43	4.47	7.31	4.61	7.17	5.34	6.44
24I	Upper Intermediate	11.49	5.13	6.36	5.15	6.34	4.61	6.88	4.46	7.03	5.04	6.45

Table 3-2
Historical Groundwater Elevation Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Groundwater elevation data reported in feet above mean sea level

Well Identification	Designated Screen Zone	Well Elevation *(ft msl)*	16-Aug-93 Depth to Water (feet)	16-Aug-93 Water-Level Elevation *(ft msl)*	15-Nov-93 Depth to Water (feet)	15-Nov-93 Water-Level Elevation *(ft msl)*	14-Feb-94 Depth to Water (feet)	14-Feb-94 Water-Level Elevation *(ft msl)*	16-May-94 Depth to Water (feet)	16-May-94 Water-Level Elevation *(ft msl)*	15-Aug-94 Depth to Water (feet)	15-Aug-94 Water-Level Elevation *(ft msl)*
North Bayshore Wells (continued)												
26S	Shallow	31.68	9.18	22.50	9.35	22.33	8.62	23.06	8.17	23.51	8.63	23.05
26I	Upper Intermediate	31.81	9.54	22.27	9.68	22.13	8.93	22.88	8.51	23.30	8.90	22.91
27I	Upper Intermediate	13.17	10.26	2.91	9.88	3.29	10.00	3.17	10.45	2.72	10.53	2.64
28S	Shallow	5.82	9.33	-3.51	9.58	-3.76	8.95	-3.13	8.98	-3.16	8.99	-3.17
28I	Upper Intermediate	5.87	9.47	-3.60	9.67	-3.80	9.12	-3.25	9.00	-3.13	9.02	-3.15
29S	Shallow	19.95	7.66	12.29	7.69	12.26	6.79	13.16	6.55	13.40	7.16	12.79
29I	Upper Intermediate	20.14	7.66	12.48	7.69	12.45	6.80	13.34	6.53	13.61	7.15	12.99
30S	Shallow	8.73	8.24	0.49	8.11	0.62	7.40	1.33	7.63	1.10	6.86	1.87
30I	Upper Intermediate	8.75	8.37	0.38	8.23	0.52	7.52	1.23	7.49	1.26	6.91	1.84
VW-2	Vertical Extent	12.87	6.84	6.03	6.73	6.14	6.04	6.83	6.14	6.73	6.05	6.82
VW-3	Vertical Extent	11.67	7.74	3.93	7.49	4.18	7.11	4.56	7.42	4.25	7.77	3.90
VW-4	Vertical Extent	9.07	4.47	4.60	4.37	4.70	4.00	5.07	3.84	5.23	4.25	4.82
NB-1I	Upper Intermediate	14.10	6.19	7.91	6.30	7.80	5.80	8.30	5.89	8.21	6.14	7.96
NB-2	Shallow	14.42	6.46	7.96	6.54	7.88	6.12	8.30	5.89	8.53	6.38	8.04
NB-3I	Upper Intermediate	13.08	6.55	6.53	6.71	6.37	6.26	6.82	6.12	6.96	6.54	6.54
NB-4	Shallow	12.68	6.33	6.35	6.46	6.22	6.14	6.54	5.85	6.83	6.31	6.37
NB-5	Shallow	13.53	9.02	4.51	8.65	4.88	8.08	5.45	8.32	5.21	7.98	5.55
NB-6	Shallow	13.77	9.30	4.47	8.97	4.80	8.39	5.38	8.64	5.13	8.32	5.45
NB-7	Shallow	11.58	8.65	2.93	8.31	3.27	7.20	4.38	7.92	3.66	7.91	3.67
NB-8	Shallow	11.84	10.30	1.54	9.94	1.90	8.18	3.66	9.33	2.51	9.56	2.28
NB-9	Shallow	9.00	8.82	0.18	8.99	0.01	8.27	0.73	8.46	0.54	9.35	-0.35
NB-10I	Upper Intermediate	2.49	6.38	-3.89	6.56	-4.07	6.31	-3.82	6.02	-3.53	6.52	-4.03
NB-11	Shallow	2.48	6.58	-4.10	6.60	-4.12	5.86	-3.38	6.40	-3.92	6.40	-3.92
NB-13I	Upper Intermediate	13.33	9.51	3.82	9.31	4.02	8.63	4.70	8.83	4.50	9.41	3.92
NB-14	Shallow	12.32	8.50	3.82	8.32	4.00	7.68	4.64	7.89	4.43	8.43	3.89
NB-15	Shallow	13.82	10.49	3.33	10.28	3.54	9.94	3.88	10.19	3.63	10.41	3.41
NB-16I	Upper Intermediate	12.94	9.76	3.18	9.60	3.34	8.79	4.15	9.19	3.75	9.31	3.63
NB-17	Shallow	12.93	9.89	3.04	9.72	3.21	9.24	3.69	9.43	3.50	9.41	3.52
NB-18I	Upper Intermediate	11.09	9.04	2.05	8.96	2.13	8.30	2.79	8.50	2.59	8.92	2.17
NB-19	Shallow	10.96	9.20	1.76	9.12	1.84	8.49	2.47	8.62	2.34	9.07	1.89
NB-20	Shallow	10.02	12.05	-2.03	12.15	-2.13	11.24	-1.22	11.70	-1.68	11.90	-1.88
NB-21	Shallow	8.04	11.26	-3.22	11.45	-3.41	10.62	-2.58	10.95	-2.91	11.00	-2.96
NB-22I	Upper Intermediate	7.21	10.13	-2.92	10.30	-3.09	9.85	-2.64	9.96	-2.75	10.58	-3.37
NB-23	Shallow	7.35	10.20	-2.85	10.36	-3.01	9.89	-2.54	10.02	-2.67	10.66	-3.31
NB-24I	Upper Intermediate	11.57	--	--	--	--	--	--	--	--	--	--
NB-25	Shallow	10.69	--	--	--	--	--	--	--	--	--	--
NB-26I	Upper Intermediate	11.31	--	--	--	--	--	--	--	--	--	--
North Bayshore Extraction System (NBES) Wells												
E-1	Shallow	12.78	7.14	5.64	9.40	3.38	11.40	1.38	12.00	0.78	7.40	5.38
E-2	Shallow	12.54	9.40	3.14	7.44	5.10	8.53	4.01	9.80	2.74	8.15	4.39
E-3	Shallow	12.63	8.24	4.39	12.80	-0.17	12.25	0.38	13.40	-0.77	7.45	5.18
E-4	Shallow	13.64	10.17	3.47	10.10	3.54	9.10	4.54	9.72	3.92	10.04	3.60
E-5	Shallow	13.03	10.00	3.03	9.96	3.07	9.18	3.85	10.37	2.66	13.55	-0.52
E-6	Shallow	12.60	10.23	2.37	10.10	2.50	9.34	3.26	9.66	2.94	9.70	2.90
E-7	Shallow	10.59	19.22	-8.63	21.60	-11.01	17.38	-6.79	17.55	-6.96	17.70	-7.11
E-8	Shallow	7.46	7.85	-0.39	7.90	-0.44	6.95	0.51	7.28	0.18	8.12	-0.66
E-9	Shallow	7.83	9.94	-2.11	9.76	-1.93	8.87	-1.04	9.36	-1.53	11.93	-4.10
E-10	Upper Intermediate	12.57	16.38	-3.81	12.70	-0.13	10.10	2.47	12.15	0.42	6.84	5.73
E-11	Upper Intermediate	13.49	32.10	-18.61	49.00	-35.51	48.55	-35.06	47.00	-33.51	31.00	-17.51
E-12	Upper Intermediate	12.99	20.65	-7.66	20.15	-7.16	16.80	-3.81	21.30	-8.31	15.25	-2.26
E-13	Upper Intermediate	10.74	12.45	-1.71	12.45	-1.71	18.52	-7.78	22.60	-11.86	17.45	-6.71
E-14	Upper Intermediate	11.24	37.50	-26.26	37.53	-26.29	7.40	3.84	23.90	-12.66	24.70	-13.46
E-15	Upper Intermediate	7.86	26.90	-19.04	24.25	-16.39	24.10	-16.24	28.75	-20.89	23.70	-15.84
E-16	Shallow/Upper Intermediate	2.20	7.56	-5.36	7.20	-5.00	4.07	-1.87	11.20	-9.00	7.17	-4.97
E-17	Shallow/Upper Intermediate	1.75	11.71	-9.96	11.95	-10.20	11.15	-9.40	11.08	-9.33	10.69	-8.94
E-18	Shallow	9.82	--	--	--	--	--	--	--	--	--	--
E-19	Upper Intermediate	9.97	--	--	--	--	--	--	--	--	--	--
Spring Street Extraction System (SSES) Wells												
ES1S	Shallow	21.07	11.10	9.97	11.05	10.02	9.90	11.17	9.40	11.67	8.78	12.29
ES2S	Shallow	21.66	9.30	12.36	8.80	12.86	9.20	12.46	8.08	13.58	8.38	13.28
ES3I	Lower Intermediate	22.16	18.90	3.26	18.45	3.71	18.12	4.04	13.00	9.16	17.30	4.86
ES4I	Upper Intermediate	21.98	10.05	11.93	9.85	12.13	7.40	14.58	8.45	13.53	10.10	11.88
ES5S	Shallow	22.77	16.60	6.17	15.33	7.44	14.60	8.17	13.60	9.17	15.04	7.73
Spring Street Wells												
PS1S	Shallow	20.78	9.46	11.32	9.32	11.46	8.15	12.63	7.78	13.00	7.75	13.03
PS2S	Shallow	20.95	9.13	11.82	6.02	14.93	7.85	13.10	7.54	13.41	7.60	13.35
PS3I	Upper Intermediate	21.31	8.60	12.71	8.47	12.84	7.25	14.06	7.17	14.14	7.80	13.51
PS4S	Shallow	21.27	9.15	12.12	9.05	12.22	7.87	13.40	7.59	13.68	7.73	13.54
PS5I	Upper Intermediate	21.89	9.00	12.89	8.90	12.99	7.81	14.08	7.63	14.26	8.27	13.62
PS6S	Shallow	22.83	9.90	12.93	10.12	12.71	8.88	13.95	8.80	14.03	9.47	13.36
MS1S	Shallow	19.58	7.29	12.29	7.19	12.39	6.16	13.42	5.88	13.70	6.38	13.20
MS2I	Upper Intermediate	20.67	7.28	13.39	7.19	13.48	6.24	14.43	6.02	14.65	6.57	14.10
MS3I	Lower Intermediate	20.95	7.05	13.90	6.89	14.06	5.91	15.04	5.67	15.28	6.36	14.59
MS4S	Shallow	21.78	8.78	13.00	8.70	13.08	7.50	14.28	7.48	14.30	7.92	13.86
MS5I	Lower Intermediate	21.79	9.62	12.17	9.17	12.62	7.95	13.84	8.81	12.98	8.86	12.93
MS6I	Lower Intermediate	22.71	10.32	12.39	10.25	12.46	8.80	13.91	8.98	13.73	9.81	12.90
MS7I	Upper Intermediate	22.07	9.76	12.31	9.65	12.42	7.96	14.11	8.34	13.73	9.31	12.76
MS8I	Lower Intermediate	22.66	7.09	15.57	7.01	15.65	6.11	16.55	5.78	16.88	6.35	16.31
MS9S	Shallow	23.08	8.04	15.04	8.03	15.05	7.07	16.01	6.75	16.33	7.27	15.81
MS10S	Shallow	19.82	7.00	12.82	7.00	12.82	6.10	13.72	5.80	14.02	6.44	13.38

Table 3-2
Historical Groundwater Elevation Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Groundwater elevation data reported in feet above mean sea level

Well Identification	Designated Screen Zone	Well Elevation (ft msl)	14-Nov-94 Depth to Water (feet)	14-Nov-94 Water-Level Elevation (ft msl)	13-Feb-95 Depth to Water (feet)	13-Feb-95 Water-Level Elevation (ft msl)	15-May-95 Depth to Water (feet)	15-May-95 Water-Level Elevation (ft msl)	14-Aug-95 Depth to Water (feet)	14-Aug-95 Water-Level Elevation (ft msl)	13-Nov-95 Depth to Water (feet)	13-Nov-95 Water-Level Elevation (ft msl)	12-Feb-96 Depth to Water (feet)	12-Feb-96 Water-Level Elevation (ft msl)
Spectra-Physics Wells														
S-1	Shallow	35.55	11.61	23.94	9.84	25.71	9.24	26.31	9.51	26.04	9.93	25.62	8.09	27.46
S-2	Shallow	36.01	12.85	23.16	NM	NM	10.48	25.53	10.90	25.11	11.35	24.66	9.88	26.13
S-3	Shallow	32.38	12.02	20.36	10.26	22.12	9.82	22.56	10.13	22.25	10.51	21.87	8.91	23.47
S-4	Shallow	34.58	14.13	20.45	12.38	22.20	11.95	22.63	12.32	22.26	12.70	21.88	11.17	23.41
S-5	Shallow	32.89	12.40	20.49	10.68	22.21	10.31	22.58	10.72	22.17	11.05	21.84	9.45	23.44
S-6	Shallow	34.07	11.67	22.40	9.91	24.16	9.42	24.65	9.78	24.29	10.13	23.94	8.68	25.39
S-7	Shallow	32.65	10.21	22.44	8.72	23.93	8.16	24.49	8.52	24.13	9.91	22.74	7.47	25.18
S-8	Shallow	29.36	10.83	18.53	9.45	19.91	9.16	20.20	9.50	19.86	NM	NM	8.52	20.84
S-9	Shallow	28.53	NM	NM	8.21	20.32	7.90	20.63	8.38	20.15	8.68	19.85	7.31	21.22
S-10	Shallow	26.40	9.10	17.30	7.63	18.77	7.51	18.89	NM	NM	8.35	18.05	6.84	19.56
S-11	Shallow	26.16	8.22	17.94	6.76	19.40	6.65	19.51	7.00	19.16	7.38	18.78	5.97	20.19
S-12	Shallow	35.55	10.50	25.05	8.67	26.88	7.98	27.57	8.21	27.34	8.62	26.93	7.11	28.44
S-13	Upper Intermediate	29.34	10.46	18.88	9.01	20.33	8.73	20.61	9.11	20.23	9.58	19.76	8.09	21.25
S-14	Lower Intermediate	29.43	10.46	18.97	9.25	20.18	8.65	20.78	8.98	20.45	9.50	19.93	8.00	21.43
S-15I	Upper Intermediate	30.90	11.55	19.35	10.03	20.87	9.74	21.16	10.11	20.79	10.51	20.39	9.11	21.79
S-16I	Upper Intermediate	30.65	9.58	21.07	8.00	22.65	7.57	23.08	7.91	22.74	8.32	22.33	6.84	23.81
S-17	Shallow	30.81	10.51	20.30	8.98	21.83	8.63	22.18	9.05	21.76	9.36	21.45	8.06	22.75
S-18	Shallow	36.14	12.28	23.86	10.65	25.49	10.10	26.04	10.40	25.74	10.78	25.36	9.30	26.84
S-18A	Shallow	36.11	12.33	23.78	10.55	25.56	10.00	26.11	10.28	25.83	10.65	25.46	9.16	26.95
S-19	Shallow	35.94	14.58	21.36	12.65	23.29	12.15	23.79	12.53	23.41	12.97	22.97	11.41	24.53
R-1	Shallow	31.97	12.12	19.85	10.36	21.61	9.98	21.99	10.38	21.59	10.76	21.21	9.28	22.69
R-2	Shallow	32.31	13.20	19.11	11.59	20.72	11.28	21.03	11.67	20.64	12.03	20.28	10.62	21.69
Teledyne Semiconductor Wells														
T-1	Shallow	27.87	9.91	17.96	8.42	19.45	8.23	19.64	8.64	19.23	9.05	18.82	7.65	20.22
T-2	Shallow	27.80	10.35	17.45	8.93	18.87	8.77	19.03	9.23	18.57	9.57	18.23	8.23	19.57
T-3	Shallow	28.44	12.65	15.79	11.38	17.06	11.42	17.02	11.83	16.61	12.43	16.01	10.98	17.46
T-4	Shallow	28.93	10.17	18.76	8.67	20.26	8.45	20.48	8.81	20.12	9.19	19.74	7.77	21.16
T-5	Upper Intermediate	27.87	10.15	17.72	8.88	18.99	8.41	19.46	8.95	18.92	9.38	18.49	7.25	20.62
T-6	Shallow	27.04	10.11	16.93	8.99	18.05	8.83	18.21	9.34	17.70	9.85	17.19	8.51	18.53
T-7	Lower Intermediate	27.72	10.93	16.79	10.00	17.72	9.35	18.37	9.82	17.90	10.19	17.53	8.77	18.95
T-8	Shallow	26.03	12.05	13.98	10.95	15.08	11.12	14.91	11.62	14.41	12.34	13.69	10.95	15.08
T-9	Lower Intermediate	27.69	9.81	17.88	8.68	19.01	8.10	19.59	8.53	19.16	8.77	18.92	7.47	20.22
T-10	Lower Intermediate	26.98	9.90	17.08	8.98	18.00	8.25	18.73	8.62	18.36	8.97	18.01	7.62	19.36
T-11	Upper Intermediate	26.24	15.17	11.07	14.55	11.69	14.08	12.16	14.98	11.26	15.71	10.53	14.48	11.76
T-12	Shallow	27.33	11.25	16.08	9.75	17.58	9.85	17.48	10.34	16.99	10.87	16.46	9.22	18.11
T-13	Lower Intermediate	27.40	11.07	16.33	9.73	17.67	9.61	17.79	10.13	17.27	10.58	16.82	9.06	18.34
T-14	Shallow	30.91	11.41	19.50	9.85	21.06	9.58	21.33	9.53	21.38	10.28	20.63	8.93	21.98
T-15	Shallow	29.79	11.07	18.72	9.60	20.19	9.35	20.44	9.75	20.04	10.08	19.71	8.74	21.05
T-19	Shallow	31.48	11.34	20.14	9.60	21.88	9.47	22.01	9.90	21.58	10.31	21.17	8.76	22.72
T-20	Shallow	29.10	10.85	18.25	9.15	19.95	9.14	19.96	9.57	19.53	10.03	19.07	8.44	20.66
25I	Upper Intermediate	31.17	10.81	20.36	9.30	21.87	9.05	22.12	9.56	21.61	9.88	21.29	9.05	22.12
T-31S	Shallow	27.32	11.87	15.45	10.48	16.84	10.58	16.74	11.11	16.21	11.67	15.65	10.10	17.22
T-32I	Upper Intermediate	24.54	15.58	8.96	14.88	9.66	14.55	9.99	15.23	9.31	16.30	8.24	15.00	9.54
T-33I	Upper Intermediate	26.34	11.41	14.93	10.18	16.16	10.05	16.29	10.62	15.72	11.08	15.26	10.62	15.72
T-34S	Shallow	29.03	9.82	19.21	8.48	20.55	8.15	20.88	8.56	20.47	8.98	20.05	7.51	21.52
RA-1	Shallow	25.28	12.70	12.58	11.95	13.33	13.48	11.80	13.68	11.60	14.45	10.83	13.58	11.70
VW-1	Vertical Extent	25.63	9.45	16.18	8.52	17.11	8.14	17.49	8.42	17.21	8.78	16.85	7.91	17.72
PZI-1	Upper Intermediate	26.82	14.27	12.55	13.25	13.57	12.90	13.92	13.76	13.06	14.50	12.32	13.08	13.74
PZ-1S	Shallow	27.84	12.61	15.23	11.40	16.44	11.57	16.27	NM	NM	NM	NM	11.15	16.69
PZ-2S	Shallow	26.80	11.78	15.02	10.40	16.40	10.89	15.91	11.32	15.48	11.90	14.90	10.40	16.40
PZ-3S	Shallow	25.55	11.35	14.20	10.23	15.32	10.47	15.08	10.97	14.58	11.65	13.90	10.18	15.37
PZ-4S	Shallow	26.88	9.76	17.12	8.38	18.50	8.23	18.65	8.75	18.13	9.18	17.70	8.23	18.65
PZ-5S	Shallow	27.17	10.66	16.51	9.45	17.72	9.23	17.94	9.81	17.36	10.32	16.85	9.23	17.94
PZ-6S	Shallow	23.31	NM	NM	NM	NM	6.38	16.93	7.20	16.11	7.67	15.64	6.38	16.93
PZ-7S	Shallow	25.56	10.65	14.91	9.45	16.11	9.66	15.90	9.97	15.59	10.67	14.89	9.66	15.90
North Bayshore Wells														
SP-1I	Upper Intermediate	13.23	9.06	4.17	8.40	4.83	8.50	4.73	8.87	4.36	8.95	4.28	8.35	4.88
SP-2I	Upper Intermediate	11.80	11.27	0.53	10.20	1.60	10.44	1.36	10.76	1.04	10.80	1.00	10.26	1.54
SP-3I	Upper Intermediate	9.72	9.45	0.27	8.62	1.10	8.46	1.26	9.08	0.64	9.35	0.37	8.52	1.20
SP-4I	Upper Intermediate	8.16	8.73	-0.57	7.90	0.26	7.67	0.49	8.22	-0.06	8.48	-0.32	7.63	0.53
SP-5I	Upper Intermediate	8.49	13.61	-5.12	12.99	-4.50	13.01	-4.52	12.96	-4.47	13.37	-4.88	12.94	-4.45
SP-6I	Upper Intermediate	12.73	9.04	3.69	8.47	4.26	8.53	4.20	8.91	3.82	8.93	3.80	8.45	4.28
SP-10I	Upper Intermediate	13.98	10.37	3.61	10.07	3.91	10.09	3.89	10.42	3.56	10.52	3.46	10.05	3.93
NC1S	Shallow	9.37	15.37	-6.00	15.15	-5.78	15.30	-5.93	15.38	-6.01	14.46	-5.09	15.11	-5.74
NC2I	Upper Intermediate	9.37	15.47	-6.10	15.19	-5.82	15.29	-5.92	15.33	-5.96	13.83	-4.46	15.11	-5.74
NC3S	Shallow	5.19	10.50	-5.31	9.98	-4.79	10.13	-4.94	10.25	-5.06	9.06	-3.87	10.00	-4.81
NC4I	Upper Intermediate	4.95	10.14	-5.19	9.51	-4.56	9.70	-4.75	9.80	-4.85	8.85	-3.90	9.48	-4.53
NC5S	Shallow	5.45	7.25	-1.80	6.62	-1.17	7.21	-1.76	7.08	-1.63	7.21	-1.76	6.20	-0.75
NC6I	Upper Intermediate	5.73	7.50	-1.77	6.88	-1.15	7.49	-1.76	7.32	-1.59	7.46	-1.73	6.46	-0.73
NC7S	Shallow	5.20	12.80	-7.60	12.19	-6.99	12.51	-7.31	11.94	-6.74	12.00	-6.80	10.78	-5.58
NC8S	Shallow	9.73	11.89	-12.95	10.69	-22.71	Destroyed		Destroyed		Destroyed		Destroyed	
NC9I	Upper Intermediate	9.82	12.28	-13.82	11.19	-24.17	Destroyed		Destroyed		Destroyed		Destroyed	
W-1	Upper Intermediate	13.56	4.66	8.90	3.85	9.71	3.91	9.65	4.44	9.12	4.71	8.85	3.55	10.01
W-2	Shallow	18.55	8.77	9.78	8.02	10.53	8.30	10.25	8.80	9.75	8.78	9.77	7.69	10.86
W-2A	Upper Intermediate	18.31	8.90	9.41	8.22	10.09	8.48	9.83	8.74	9.57	8.95	9.36	7.95	10.36
W-3	Shallow	11.56	8.04	3.52	7.50	4.06	NM	11.56	8.01	3.55	8.10	3.46	7.45	4.11
W-4	Shallow	15.16	13.55	1.61	12.92	2.24	13.85	1.31	14.12	1.04	14.25	0.91	13.07	2.09
W-4A	Upper Intermediate	15.06	13.37	1.69	12.73	2.33	13.70	1.36	14.00	1.06	14.41	0.65	12.92	2.14
W-5	Upper Intermediate	8.64	7.88	0.76	7.06	1.58	7.00	1.64	8.01	0.63	8.36	0.28	7.55	1.09
W-6	Shallow	8.04	8.92	-0.88	7.76	0.28	7.92	0.12	8.04	0.00	8.36	-0.32	7.35	0.69
W-6A	Upper Intermediate	7.91	8.89	-0.98	7.70	0.21	7.92	-0.01	8.09	-0.18	8.32	-0.41	7.33	0.58
W-7	Shallow	7.68	10.73	-3.05	9.63	-1.95	Destroyed		Destroyed		Destroyed		Destroyed	
W-7A	Upper Intermediate	7.66	29.66	-22.00	30.70	-23.04	Destroyed		Destroyed		Destroyed		Destroyed	
Well 21	Shallow	12.86	6.27	6.59	5.92	6.94	6.05	6.81	6.42	6.44	9.19	3.67	5.61	7.25
Well 22	Shallow	8.67	8.11	0.56	7.40	1.27	7.22	1.45	7.40	1.27	8.46	0.21	7.49	1.18
Well 23	Shallow	7.46	6.35	1.11	4.89	2.57	5.55	1.91	6.00	1.46	7.21	0.25	5.75	1.71
24S	Shallow	11.78	5.39	6.39	4.39	7.39	4.54	7.24	5.22	6.56	5.32	6.46	4.05	7.73
24I	Upper Intermediate	11.49	5.47	6.02	4.15	7.34	4.24	7.25	4.54	6.95	4.80	6.69	3.80	7.69

Table 3-2
Historical Groundwater Elevation Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Groundwater elevation data reported in feet above mean sea level

Well Identification	Designated Screen Zone	Well Elevation (ft msl)	14-Nov-94 Depth to Water (feet)	14-Nov-94 Water-Level Elevation (ft msl)	13-Feb-95 Depth to Water (feet)	13-Feb-95 Water-Level Elevation (ft msl)	15-May-95 Depth to Water (feet)	15-May-95 Water-Level Elevation (ft msl)	14-Aug-95 Depth to Water (feet)	14-Aug-95 Water-Level Elevation (ft msl)	13-Nov-95 Depth to Water (feet)	13-Nov-95 Water-Level Elevation (ft msl)	12-Feb-96 Depth to Water (feet)	12-Feb-96 Water-Level Elevation (ft msl)
North Bayshore Wells (continued)														
26S	Shallow	31.68	8.65	23.03	6.96	24.72	6.50	25.18	6.87	24.81	7.22	24.46	5.78	25.90
26I	Upper Intermediate	31.81	8.98	22.83	7.31	24.50	6.87	24.94	7.26	24.55	7.59	24.22	6.14	25.67
27I	Upper Intermediate	13.17	10.64	2.53	10.47	2.70	10.47	2.70	10.81	2.36	10.97	2.20	10.31	2.86
28S	Shallow	5.82	9.76	-3.94	8.85	-3.03	9.21	-3.39	9.38	-3.56	9.02	-3.20	8.35	-2.53
28I	Upper Intermediate	5.87	9.78	-3.91	8.91	-3.04	9.28	-3.41	9.51	-3.64	9.10	-3.23	8.73	-2.86
29S	Shallow	19.95	6.85	13.10	5.72	14.23	5.98	13.97	6.48	13.47	6.77	13.18	5.35	14.60
29I	Upper Intermediate	20.14	6.88	13.26	5.74	14.40	5.95	14.19	6.48	13.66	6.72	13.42	5.28	14.86
30S	Shallow	8.73	8.00	0.73	7.12	1.61	7.29	1.44	7.82	0.91	7.87	0.86	6.90	1.83
30I	Upper Intermediate	8.75	8.14	0.61	7.25	1.50	7.40	1.35	7.95	0.80	8.00	0.75	7.04	1.71
VW-2	Vertical Extent	12.87	6.68	6.19	5.88	6.99	6.06	6.81	6.45	6.42	6.81	6.06	5.71	7.16
VW-3	Vertical Extent	11.67	7.95	3.72	7.36	4.31	7.44	4.23	7.90	3.77	8.00	3.67	7.19	4.48
VW-4	Vertical Extent	9.07	4.64	4.43	3.53	5.54	3.43	5.64	4.03	5.04	4.25	4.82	3.43	5.64
NB-1I	Upper Intermediate	14.10	5.92	8.18	5.30	8.80	5.41	8.69	6.00	8.10	6.32	7.78	5.38	8.72
NB-2	Shallow	14.42	6.29	8.13	5.59	8.83	5.82	8.60	6.30	8.12	6.51	7.91	5.55	8.87
NB-3I	Upper Intermediate	13.08	6.66	6.42	6.04	7.04	6.18	6.90	6.62	6.46	6.80	6.28	5.98	7.10
NB-4	Shallow	12.68	6.37	6.31	5.89	6.79	5.94	6.74	6.28	6.40	6.37	6.31	5.78	6.90
NB-5	Shallow	13.53	8.65	4.88	8.42	5.11	8.42	5.11	8.84	4.69	8.87	4.66	8.21	5.32
NB-6	Shallow	13.77	8.95	4.82	8.66	5.11	8.68	5.09	9.09	4.68	9.11	4.66	8.52	5.25
NB-7	Shallow	11.58	8.45	3.13	7.78	3.80	NM	11.58	8.24	3.34	9.72	1.86	7.87	3.71
NB-8	Shallow	11.84	10.19	1.65	9.19	2.65	9.41	2.43	9.75	2.09	9.84	2.00	9.26	2.58
NB-9	Shallow	9.00	10.05	-1.05	9.21	-0.21	8.94	0.06	9.52	-0.52	9.97	-0.97	9.07	-0.07
NB-10I	Upper Intermediate	2.49	6.60	-4.11	6.73	-4.24	6.61	-4.12	6.85	-4.36	6.87	-4.38	6.58	-4.09
NB-11	Shallow	2.48	7.41	-4.93	6.60	-4.12	6.85	-4.37	6.95	-4.47	6.82	-4.34	6.21	-3.73
NB-13I	Upper Intermediate	13.33	9.61	3.72	8.81	4.52	8.96	4.37	9.41	3.92	9.51	3.82	8.60	4.73
NB-14	Shallow	12.32	8.59	3.73	7.85	4.47	7.97	4.35	8.46	3.86	8.56	3.76	7.72	4.60
NB-15	Shallow	13.82	10.42	3.40	10.02	3.80	10.03	3.79	10.40	3.42	10.48	3.34	9.93	3.89
NB-16I	Upper Intermediate	12.94	9.42	3.52	8.76	4.18	8.98	3.96	9.21	3.73	9.26	3.68	9.18	3.76
NB-17	Shallow	12.93	9.66	3.27	8.90	4.03	8.81	4.12	9.30	3.63	9.32	3.61	9.08	3.85
NB-18I	Upper Intermediate	11.09	9.35	1.74	8.53	2.56	8.66	2.43	9.04	2.05	9.16	1.93	8.43	2.66
NB-19	Shallow	10.96	9.48	1.48	8.62	2.34	8.79	2.17	9.15	1.81	9.22	1.74	8.56	2.40
NB-20	Shallow	10.02	13.03	-3.01	11.99	-1.97	12.30	-2.28	12.37	-2.35	12.35	-2.33	11.51	-1.49
NB-21	Shallow	8.04	11.98	-3.94	10.97	-2.93	11.40	-3.36	11.52	-3.48	11.32	-3.28	10.51	-2.47
NB-22I	Upper Intermediate	7.21	10.94	-3.73	10.07	-2.86	Destroyed		Destroyed		Destroyed		Destroyed	
NB-23	Shallow	7.35	11.01	-3.66	10.13	-2.78	Destroyed		Destroyed		Destroyed		Destroyed	
NB-24I	Upper Intermediate	11.57	--	--	--	--	--	--	--	--	--	--	--	--
NB-25	Shallow	10.69	--	--	--	--	--	--	--	--	--	--	--	--
NB-26I	Upper Intermediate	11.31	--	--	--	--	--	--	--	--	--	--	--	--
North Bayshore Extraction System (NBES) Wells														
E-1	Shallow	12.78	7.75	5.03	9.35	3.43	9.90	2.88	11.05	1.73	12.50	0.28	8.50	4.28
E-2	Shallow	12.54	8.40	4.14	8.96	3.58	8.75	3.79	9.13	3.41	9.00	3.54	7.95	4.59
E-3	Shallow	12.63	8.66	3.97	11.00	1.63	8.30	4.33	8.90	3.73	8.60	4.03	8.30	4.33
E-4	Shallow	13.64	9.75	3.89	9.20	4.44	9.20	4.44	17.07	-3.43	6.49	7.15	10.91	2.73
E-5	Shallow	13.03	9.14	3.89	13.35	-0.32	12.00	1.03	9.80	3.23	10.80	2.23	9.52	3.51
E-6	Shallow	12.60	9.19	3.41	9.30	3.30	9.25	3.35	9.81	2.79	9.60	3.00	9.55	3.05
E-7	Shallow	10.59	14.88	-4.29	13.37	-2.78	15.70	-5.11	16.39	-5.80	16.20	-5.61	15.12	-4.53
E-8	Shallow	7.46	10.45	-2.99	9.88	-2.42	9.20	-1.74	10.10	-2.64	10.30	-2.84	8.95	-1.49
E-9	Shallow	7.83	11.25	-3.42	15.25	-7.42	13.90	-6.07	11.92	-4.09	11.60	-3.77	11.70	-3.87
E-10	Upper Intermediate	12.57	13.12	-0.55	14.24	-1.67	15.87	-3.30	17.60	-5.03	16.42	-3.85	14.45	-1.88
E-11	Upper Intermediate	13.49	33.28	-19.79	29.20	-15.71	30.25	-16.76	30.63	-17.14	20.40	-6.91	17.13	-3.64
E-12	Upper Intermediate	12.99	16.10	-3.11	16.90	-3.91	17.70	-4.71	22.48	-9.49	19.73	-6.74	22.30	-9.31
E-13	Upper Intermediate	10.74	16.40	-5.66	25.10	-14.36	25.10	-14.36	26.18	-15.44	28.00	-17.26	27.48	-16.74
E-14	Upper Intermediate	11.24	24.80	-13.56	20.60	-9.36	24.96	-13.72	27.91	-16.67	24.50	-13.26	23.00	-11.76
E-15	Upper Intermediate	7.86	29.65	-21.79	31.37	-23.51	32.75	-24.89	30.55	-22.69	31.85	-23.99	32.29	-24.43
E-16	Shallow/Upper Intermediate	2.20	14.03	-11.83	14.10	-11.90	13.75	-11.55	12.80	-10.60	12.62	-10.42	13.85	-11.65
E-17	Shallow/Upper Intermediate	1.75	11.10	-9.35	9.25	-7.50	11.57	-9.82	12.12	-10.37	10.82	-9.07	10.10	-8.35
E-18	Shallow	9.82	--	--	--	--	--	--	21.84	-12.02	24.02	-14.20	22.50	-12.68
E-19	Upper Intermediate	9.97	--	--	--	--	--	--	17.58	-7.61	18.01	-8.04	16.78	-6.81
Spring Street Extraction System (SSES) Wells														
ES1S	Shallow	21.07	8.20	12.87	6.60	14.47	7.68	13.39	10.23	10.84	10.85	10.22	9.35	11.72
ES2S	Shallow	21.66	8.18	13.48	8.40	13.26	9.00	12.66	8.93	12.73	8.65	13.01	9.43	12.23
ES3I	Lower Intermediate	22.16	20.44	1.72	34.50	-12.34	24.10	-1.94	16.20	5.96	15.76	6.40	17.10	5.06
ES4I	Upper Intermediate	21.98	8.38	13.60	9.70	12.28	6.80	15.18	10.85	11.13	11.93	10.05	10.40	11.58
ES5S	Shallow	22.77	16.38	6.39	13.45	9.32	16.80	5.97	16.80	5.97	16.82	5.95	15.40	7.37
Spring Street Wells														
PS1S	Shallow	20.78	7.37	13.41	6.11	14.67	6.53	14.25	8.10	12.68	8.67	12.11	7.08	13.70
PS2S	Shallow	20.95	7.31	13.64	6.08	14.87	6.36	14.59	7.75	13.20	8.33	12.62	6.80	14.15
PS3I	Upper Intermediate	21.31	7.46	13.85	6.78	14.53	6.44	14.87	7.32	13.99	7.92	13.39	6.56	14.75
PS4S	Shallow	21.27	7.51	13.76	6.32	14.95	6.52	14.75	7.73	13.54	8.31	12.96	6.85	14.42
PS5I	Upper Intermediate	21.89	7.87	14.02	7.28	14.61	6.84	15.05	7.78	14.11	8.45	13.44	7.07	14.82
PS6S	Shallow	22.83	9.31	13.52	NM	NM	8.31	14.52	8.81	14.02	9.91	12.92	8.62	14.21
MS1S	Shallow	19.58	6.11	13.47	4.82	14.76	5.10	14.48	5.91	13.67	6.33	13.25	4.75	14.83
MS2I	Upper Intermediate	20.67	6.47	14.20	5.28	15.39	5.27	15.40	5.88	14.79	6.22	14.45	4.76	15.91
MS3I	Lower Intermediate	20.95	6.43	14.52	5.76	15.19	5.06	15.89	5.23	15.72	7.59	13.36	4.17	16.78
MS4S	Shallow	21.78	7.66	14.12	7.05	14.73	6.88	14.90	7.55	14.23	8.08	13.70	7.01	14.77
MS5I	Lower Intermediate	21.79	8.90	12.89	9.87	11.92	7.61	14.18	7.00	14.79	7.28	14.51	6.13	15.66
MS6I	Lower Intermediate	22.71	9.27	13.44	8.98	13.73	8.15	14.56	8.82	13.89	10.18	12.53	8.78	13.93
MS7I	Upper Intermediate	22.07	8.48	13.59	8.57	13.50	7.28	14.79	9.04	13.03	10.03	12.04	8.40	13.67
MS8I	Lower Intermediate	22.66	6.37	16.29	5.23	17.43	4.85	17.81	6.48	16.18	6.78	15.88	4.10	18.56
MS9S	Shallow	23.08	7.15	15.93	5.88	17.20	5.78	17.30	NM	NM	6.77	16.31	5.33	17.75
MS10S	Shallow	19.82	6.23	13.59	4.95	14.87	5.15	14.67	5.70	14.12	5.98	13.84	4.56	15.26

Table 3-2
Historical Groundwater Elevation Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Groundwater elevation data reported in feet above mean sea level

Well Identification	Designated Screen Zone	Well Elevation (ft msl)	13-May-96 Depth to Water (feet)	13-May-96 Water-Level Elevation (ft msl)	12-Aug-96 Depth to Water (feet)	12-Aug-96 Water-Level Elevation (ft msl)	11-Nov-96 Depth to Water (feet)	11-Nov-96 Water-Level Elevation (ft msl)	10-Feb-97 Depth to Water (feet)	10-Feb-97 Water-Level Elevation (ft msl)	12-May-97 Depth to Water (feet)	12-May-97 Water-Level Elevation (ft msl)	11-Aug-97 Depth to Water (feet)	11-Aug-97 Water-Level Elevation (ft msl)
Spectra-Physics Wells														
S-1	Shallow	35.55	8.63	26.92	8.85	26.70	8.95	26.60	7.48	28.07	7.75	27.80	8.43	27.12
S-2	Shallow	36.01	10.13	25.88	10.40	25.61	10.48	25.53	9.08	26.93	9.76	26.25	10.10	25.91
S-3	Shallow	32.38	9.45	22.93	9.58	22.80	9.56	22.82	8.22	24.16	8.77	23.61	9.22	23.16
S-4	Shallow	34.58	NM	NM	11.72	22.86	11.70	22.88	10.32	24.26	10.98	23.60	11.32	23.26
S-5	Shallow	32.89	10.00	22.89	10.15	22.74	10.16	22.73	8.88	24.01	9.50	23.39	9.81	23.08
S-6	Shallow	34.07	8.97	25.10	9.15	24.92	9.26	24.81	7.84	26.23	8.49	25.58	8.84	25.23
S-7	Shallow	32.65	7.76	24.89	7.92	24.73	7.98	24.67	6.62	26.03	7.27	25.38	7.61	25.04
S-8	Shallow	29.36	9.02	20.34	NM	NM	9.01	20.35	NM	NM	8.55	20.81	8.76	20.60
S-9	Shallow	28.53	7.73	20.80	7.88	20.65	7.85	20.68	6.61	21.92	7.24	21.29	7.57	20.96
S-10	Shallow	26.40	7.45	18.95	7.57	18.83	7.51	18.89	6.32	20.08	6.98	19.42	NM	NM
S-11	Shallow	26.16	6.45	19.71	6.55	19.61	6.48	19.68	5.30	20.86	5.96	20.20	6.27	19.89
S-12	Shallow	35.55	7.16	28.39	7.38	28.17	7.53	28.02	6.15	29.40	6.57	28.98	7.01	28.54
S-13	Upper Intermediate	29.34	8.57	20.77	NM	NM	8.59	20.75	7.39	21.95	8.09	21.25	8.38	20.96
S-14	Lower Intermediate	29.43	8.49	20.94	8.48	20.95	8.48	20.95	7.21	22.22	7.63	21.80	8.21	21.22
S-15I	Upper Intermediate	30.90	9.55	21.35	NM	NM	NM	NM	8.34	22.56	9.06	21.84	9.35	21.55
S-16I	Upper Intermediate	30.65	7.23	23.42	7.34	23.31	7.35	23.30	6.00	24.65	7.97	22.68	7.02	23.63
S-17	Shallow	30.81	8.43	22.38	8.57	22.24	8.55	22.26	7.30	23.51	6.65	24.16	8.26	22.55
S-18	Shallow	36.14	9.53	26.61	9.76	26.38	9.86	26.28	8.41	27.73	9.05	27.09	9.40	26.74
S-18A	Shallow	36.11	9.36	26.75	9.58	26.53	9.70	26.41	8.22	27.89	8.83	27.28	9.21	26.90
S-19	Shallow	35.94	11.77	24.17	11.96	23.98	12.02	23.92	10.54	25.40	11.25	24.69	11.57	24.37
R-1	Shallow	31.97	9.70	22.27	9.83	22.14	9.81	22.16	8.49	23.48	9.19	22.78	9.51	22.46
R-2	Shallow	32.31	11.07	21.24	11.18	21.13	11.14	21.17	9.88	22.43	10.57	21.74	10.86	21.45
Teledyne Semiconductor Wells														
T-1	Shallow	27.87	8.12	19.75	8.18	19.69	8.11	19.76	6.91	20.96	7.64	20.23	7.93	19.94
T-2	Shallow	27.80	8.75	19.05	8.77	19.03	8.65	19.15	7.48	20.32	8.23	19.57	8.53	19.27
T-3	Shallow	28.44	11.52	16.92	11.34	17.10	11.13	17.31	10.00	18.44	10.88	17.56	11.19	17.25
T-4	Shallow	28.93	8.25	20.68	8.32	20.61	8.22	20.71	7.01	21.92	7.76	21.17	8.10	20.83
T-5	Upper Intermediate	27.87	8.45	19.42	8.41	19.46	8.31	19.56	7.06	20.81	7.74	20.13	8.08	19.79
T-6	Shallow	27.04	NM	NM	NM	NM	8.85	18.19	7.75	19.29	8.44	18.60	8.71	18.33
T-7	Lower Intermediate	27.72	9.27	18.45	9.18	18.54	9.03	18.69	7.96	19.76	8.60	19.12	8.90	18.82
T-8	Shallow	26.03	11.46	14.57	11.13	14.90	10.85	15.18	9.85	16.18	10.76	15.27	11.05	14.98
T-9	Lower Intermediate	27.69	7.95	19.74	7.95	19.74	7.82	19.87	6.68	21.01	7.30	20.39	7.61	20.08
T-10	Lower Intermediate	26.98	8.09	18.89	8.08	18.90	7.92	19.06	6.84	20.14	7.43	19.55	7.71	19.27
T-11	Upper Intermediate	26.24	15.05	11.19	14.05	12.19	13.30	12.94	13.30	12.94	13.95	12.29	14.34	11.90
T-12	Shallow	27.33	9.98	17.35	10.00	17.33	9.80	17.53	8.36	18.97	9.41	17.92	9.84	17.49
T-13	Lower Intermediate	27.40	9.72	17.68	9.71	17.69	9.56	17.84	8.31	19.09	9.17	18.23	9.53	17.87
T-14	Shallow	30.91	9.37	21.54	9.41	21.50	9.40	21.51	8.20	22.71	8.87	22.04	9.18	21.73
T-15	Shallow	29.79	9.20	20.59	9.25	20.54	9.22	20.57	8.06	21.73	8.71	21.08	9.00	20.79
T-19	Shallow	31.48	9.28	22.20	9.45	22.03	9.36	22.12	7.88	23.60	8.73	22.75	9.18	22.30
T-20	Shallow	29.10	9.07	20.03	9.15	19.95	9.03	20.07	7.55	21.55	8.46	20.64	8.90	20.20
25I	Upper Intermediate	31.17	8.92	22.25	9.10	22.07	9.10	22.07	7.75	23.42	8.52	22.65	8.89	22.28
T-31S	Shallow	27.32	10.81	16.51	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
T-32I	Upper Intermediate	24.54	15.60	8.94	14.38	10.16	13.45	11.09	13.90	10.64	14.70	9.84	15.05	9.49
T-33I	Upper Intermediate	26.34	10.27	16.07	10.20	16.14	10.02	16.32	8.85	17.49	9.68	16.66	10.02	16.32
T-34S	Shallow	29.03	7.99	21.04	8.07	20.96	7.95	21.08	6.75	22.28	7.46	21.57	7.73	21.30
RA-1	Shallow	25.28	13.50	11.78	12.08	13.20	11.60	13.68	11.40	13.88	12.45	12.83	12.65	12.63
VW-1	Vertical Extent	25.63	8.20	17.43	8.11	17.52	7.84	17.79	7.05	18.58	7.42	18.21	7.74	17.89
PZI-1	Upper Intermediate	26.82	13.71	13.11	NM	NM	12.53	14.29	12.09	14.73	12.86	13.96	13.21	13.61
PZ-1S	Shallow	27.84	NM	NM	11.45	16.39	11.22	16.62	10.14	17.70	11.03	16.81	11.33	16.51
PZ-2S	Shallow	26.80	10.98	15.82	10.70	16.10	10.40	16.40	9.35	17.45	10.24	16.56	10.55	16.25
PZ-3S	Shallow	25.55	10.75	14.80	NM	NM	10.10	15.45	9.10	16.45	10.02	15.53	10.33	15.22
PZ-4S	Shallow	26.88	8.29	18.59	8.28	18.60	8.18	18.70	7.01	19.87	7.75	19.13	8.05	18.83
PZ-5S	Shallow	27.17	9.50	17.67	9.35	17.82	9.21	17.96	8.12	19.05	8.87	18.30	9.17	18.00
PZ-6S	Shallow	23.31	6.87	16.44	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
PZ-7S	Shallow	25.56	9.77	15.79	9.75	15.81	9.55	16.01	8.07	17.49	9.16	16.40	9.51	16.05
North Bayshore Wells														
SP-1I	Upper Intermediate	13.23	8.60	4.63	8.53	4.70	8.54	4.69	6.58	6.65	8.17	5.06	8.28	4.95
SP-2I	Upper Intermediate	11.80	10.15	1.65	10.19	1.61	10.36	1.44	9.45	2.35	9.97	1.83	9.72	2.08
SP-3I	Upper Intermediate	9.72	8.71	1.01	8.71	1.01	9.00	0.72	7.91	1.81	8.39	1.33	8.25	1.47
SP-4I	Upper Intermediate	8.16	7.92	0.24	7.83	0.33	8.14	0.02	6.95	1.21	7.45	0.71	7.32	0.84
SP-5I	Upper Intermediate	8.49	12.60	-4.11	12.74	-4.25	12.92	-4.43	11.73	-3.24	12.35	-3.86	12.50	-4.01
SP-6I	Upper Intermediate	12.73	8.52	4.21	8.49	4.24	8.62	4.11	7.70	5.03	8.21	4.52	8.30	4.43
SP-10I	Upper Intermediate	13.98	10.33	3.65	10.24	3.74	10.20	3.78	9.58	4.40	9.89	4.09	9.98	4.00
NC1S	Shallow	9.37	15.14	-5.77	15.18	-5.81	15.07	-5.70	14.96	-5.59	15.08	-5.71	15.12	-5.75
NC2I	Upper Intermediate	9.37	15.08	-5.71	15.14	-5.77	15.16	-5.79	14.94	-5.57	15.10	-5.73	15.14	-5.77
NC3S	Shallow	5.19	10.02	-4.83	10.07	-4.88	10.13	-4.94	9.67	-4.48	9.78	-4.59	9.77	-4.58
NC4I	Upper Intermediate	4.95	9.45	-4.50	9.56	-4.61	9.69	-4.74	9.13	-4.18	9.22	-4.27	9.27	-4.32
NC5S	Shallow	5.45	6.83	-1.38	6.86	-1.41	7.02	-1.57	6.30	-0.85	7.02	-1.57	7.26	-1.81
NC6I	Upper Intermediate	5.73	7.08	-1.35	7.14	-1.41	7.15	-1.42	6.48	-0.75	7.27	-1.54	7.50	-1.77
NC7S	Shallow	5.20	11.12	-5.92	10.85	-5.65	10.62	-5.42	9.97	-4.77	10.35	-5.15	15.77	-10.57
NC8S	Shallow	9.73	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
NC9I	Upper Intermediate	9.82	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
W-1	Upper Intermediate	13.56	4.40	9.16	4.11	9.45	4.43	9.13	3.16	10.40	3.58	9.98	3.80	9.76
W-2	Shallow	18.55	8.40	10.15	8.55	10.00	8.47	10.08	7.56	10.99	8.12	10.43	8.31	10.24
W-2A	Upper Intermediate	18.31	8.60	9.71	8.73	9.58	8.65	9.66	7.97	10.34	8.34	9.97	8.53	9.78
W-3	Shallow	11.56	7.77	3.79	NM	NM	7.81	3.75	7.01	4.55	7.42	4.14	7.58	3.98
W-4	Shallow	15.16	14.01	1.15	14.05	1.11	13.93	1.23	13.20	1.96	13.95	1.21	13.93	1.23
W-4A	Upper Intermediate	15.06	13.89	1.17	13.91	1.15	13.80	1.26	13.12	1.94	13.80	1.26	13.79	1.27
W-5	Upper Intermediate	8.64	7.86	0.78	7.89	0.75	8.12	0.52	7.11	1.53	7.51	1.13	7.41	1.23
W-6	Shallow	8.04	7.73	0.31	7.80	0.24	8.04	0.00	6.84	1.20	7.28	0.76	7.42	0.62
W-6A	Upper Intermediate	7.91	7.70	0.21	7.72	0.19	8.01	-0.10	6.81	1.10	7.27	0.64	7.40	0.51
W-7	Shallow	7.68	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
W-7A	Upper Intermediate	7.66	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
Well 21	Shallow	12.86	6.21	6.65	6.32	6.54	6.34	6.52	5.25	7.61	5.76	7.10	5.92	6.94
Well 22	Shallow	8.67	7.71	0.96	7.71	0.96	8.02	0.65	7.01	1.66	7.55	1.12	7.27	1.40
Well 23	Shallow	7.46	6.85	0.61	6.64	0.82	6.85	0.61	5.44	2.02	6.24	1.22	6.08	1.38
24S	Shallow	11.78	4.78	7.00	NM	NM	5.03	6.75	3.90	7.88	4.59	7.19	4.90	6.88
24I	Upper Intermediate	11.49	4.35	7.14	NM	NM	4.73	6.76	4.21	7.28	4.32	7.17	4.59	6.90

Table 3-2
Historical Groundwater Elevation Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Groundwater elevation data reported in feet above mean sea level

Well Identification	Designated Screen Zone	Well Elevation (ft msl)	13-May-96 Depth to Water (feet)	13-May-96 Water-Level Elevation (ft msl)	12-Aug-96 Depth to Water (feet)	12-Aug-96 Water-Level Elevation (ft msl)	11-Nov-96 Depth to Water (feet)	11-Nov-96 Water-Level Elevation (ft msl)	10-Feb-97 Depth to Water (feet)	10-Feb-97 Water-Level Elevation (ft msl)	12-May-97 Depth to Water (feet)	12-May-97 Water-Level Elevation (ft msl)	11-Aug-97 Depth to Water (feet)	11-Aug-97 Water-Level Elevation (ft msl)
North Bayshore Wells (continued)														
26S	Shallow	31.68	6.42	25.26	6.62	25.06	6.33	25.35	4.98	26.70	5.58	26.10	5.94	25.74
26I	Upper Intermediate	31.81	6.07	25.74	6.27	25.54	6.70	25.11	5.38	26.43	6.02	25.79	6.36	25.45
27I	Upper Intermediate	13.17	10.65	2.52	10.61	2.56	10.49	2.68	9.30	3.87	9.76	3.41	10.03	3.14
28S	Shallow	5.82	8.81	-2.99	8.71	-2.89	8.88	-3.06	7.89	-2.07	8.07	-2.25	8.16	-2.34
28I	Upper Intermediate	5.87	8.65	-2.78	8.84	-2.97	8.94	-3.07	7.68	-1.81	8.07	-2.20	8.20	-2.33
29S	Shallow	19.95	6.13	13.82	6.28	13.67	6.22	13.73	6.28	13.67	5.82	14.13	6.11	13.84
29I	Upper Intermediate	20.14	6.05	14.09	6.22	13.92	6.20	13.94	5.25	14.89	NM	NM	6.04	14.10
30S	Shallow	8.73	7.30	1.43	7.66	1.07	7.67	1.06	6.84	1.89	7.20	1.53	7.43	1.30
30I	Upper Intermediate	8.75	7.45	1.30	7.75	1.00	7.80	0.95	6.96	1.79	7.32	1.43	7.55	1.20
VW-2	Vertical Extent	12.87	6.22	6.65	6.24	6.63	6.17	6.70	5.27	7.60	5.78	7.09	5.92	6.95
VW-3	Vertical Extent	11.67	7.60	4.07	7.67	4.00	7.57	4.10	6.50	5.17	7.03	4.64	7.22	4.45
VW-4	Vertical Extent	9.07	3.51	5.56	3.56	5.51	3.61	5.46	2.66	6.41	2.91	6.16	3.11	5.96
NB-1I	Upper Intermediate	14.10	5.94	8.16	7.89	6.21	5.95	8.15	4.48	9.62	5.61	8.49	5.56	8.54
NB-2	Shallow	14.42	6.21	8.21	6.20	8.22	6.20	8.22	5.48	8.94	5.67	8.75	5.88	8.54
NB-3I	Upper Intermediate	13.08	6.54	6.54	6.40	6.68	6.64	6.44	5.82	7.26	6.00	7.08	6.07	7.01
NB-4	Shallow	12.68	6.22	6.46	6.10	6.58	6.43	6.25	5.88	6.80	5.70	6.98	5.71	6.97
NB-5	Shallow	13.53	8.42	5.11	8.63	4.90	8.62	4.91	7.61	5.92	8.18	5.35	8.25	5.28
NB-6	Shallow	13.77	8.69	5.08	8.86	4.91	8.84	4.93	7.81	5.96	8.43	5.34	8.51	5.26
NB-7	Shallow	11.58	NM	NM	7.75	3.83	7.96	3.62	6.95	4.63	7.57	4.01	NM	NM
NB-8	Shallow	11.84	9.48	2.36	9.31	2.53	9.46	2.38	8.51	3.33	9.05	2.79	8.20	3.64
NB-9	Shallow	9.00	9.21	-0.21	9.23	-0.23	9.59	-0.59	8.43	0.57	8.90	0.10	8.69	0.31
NB-10I	Upper Intermediate	2.49	6.45	-3.96	6.45	-3.96	6.38	-3.89	5.75	-3.26	5.51	-3.02	5.50	-3.01
NB-11	Shallow	2.48	6.53	-4.05	6.46	-3.98	6.48	-4.00	5.41	-2.93	5.43	-2.95	5.48	-3.00
NB-13I	Upper Intermediate	13.33	9.01	4.32	9.31	4.02	9.22	4.11	8.26	5.07	8.76	4.57	8.99	4.34
NB-14	Shallow	12.32	8.21	4.11	8.36	3.96	8.27	4.05	7.35	4.97	7.83	4.49	8.02	4.30
NB-15	Shallow	13.82	10.20	3.62	10.25	3.57	10.17	3.65	9.58	4.24	9.83	3.99	9.95	3.87
NB-16I	Upper Intermediate	12.94	9.15	3.79	8.98	3.96	8.86	4.08	7.90	5.04	8.50	4.44	8.57	4.37
NB-17	Shallow	12.93	9.40	3.53	8.94	3.99	8.81	4.12	8.00	4.93	8.57	4.36	8.62	4.31
NB-18I	Upper Intermediate	11.09	8.75	2.34	8.75	2.34	8.78	2.31	7.96	3.13	8.33	2.76	8.45	2.64
NB-19	Shallow	10.96	8.84	2.12	8.84	2.12	8.90	2.06	8.10	2.86	8.45	2.51	8.59	2.37
NB-20	Shallow	10.02	11.98	-1.96	11.91	-1.89	12.08	-2.06	10.74	-0.72	11.16	-1.14	11.25	-1.23
NB-21	Shallow	8.04	11.00	-2.96	10.88	-2.84	11.07	-3.03	9.85	-1.81	9.84	-1.80	9.93	-1.89
NB-22I	Upper Intermediate	7.21	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
NB-23	Shallow	7.35	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
NB-24I	Upper Intermediate	11.57	--	--	--	--	14.40	-2.83	14.25	-2.68	13.52	-1.95	11.66	-0.09
NB-25	Shallow	10.69	--	--	--	--	11.90	-1.21	10.91	-0.22	11.20	-0.51	11.10	-0.41
NB-26I	Upper Intermediate	11.31	--	--	--	--	12.93	-1.62	12.23	-0.92	12.61	-1.30	12.72	-1.41
North Bayshore Extraction System (NBES) Wells														
E-1	Shallow	12.78	8.95	3.83	9.45	3.33	8.65	4.13	7.61	5.17	8.23	4.55	8.21	4.57
E-2	Shallow	12.54	9.39	3.15	9.58	2.96	9.30	3.24	8.51	4.03	8.98	3.56	8.69	3.85
E-3	Shallow	12.63	8.38	4.25	8.85	3.78	NM	NM	7.42	5.21	8.18	4.45	8.28	4.35
E-4	Shallow	13.64	NM	NM	9.95	3.69	9.40	4.24	8.60	5.04	11.91	1.73	NM	NM
E-5	Shallow	13.03	9.40	3.63	25.55	-12.52	9.35	3.68	11.42	1.61	10.95	2.08	11.23	1.80
E-6	Shallow	12.60	9.25	3.35	9.40	3.20	9.22	3.38	8.80	3.80	9.10	3.50	9.15	3.45
E-7	Shallow	10.59	16.40	-5.81	16.50	-5.91	16.97	-6.38	16.50	-5.91	17.35	-6.76	16.35	-5.76
E-8	Shallow	7.46	9.45	-1.99	9.39	-1.93	9.82	-2.36	8.00	-0.54	8.43	-0.97	8.40	-0.94
E-9	Shallow	7.83	11.10	-3.27	11.45	-3.62	10.76	-2.93	10.60	-2.77	11.34	-3.51	12.50	-4.67
E-10	Upper Intermediate	12.57	15.33	-2.76	16.25	-3.68	14.81	-2.24	14.35	-1.78	16.02	-3.45	15.81	-3.24
E-11	Upper Intermediate	13.49	12.60	0.89	12.25	1.24	9.13	4.36	13.28	0.21	14.97	-1.48	14.20	-0.71
E-12	Upper Intermediate	12.99	25.82	-12.83	9.45	3.54	22.10	-9.11	15.80	-2.81	16.15	-3.16	16.30	-3.31
E-13	Upper Intermediate	10.74	27.03	-16.29	27.07	-16.33	25.17	-14.43	20.65	-9.91	NM	NM	23.20	-12.46
E-14	Upper Intermediate	11.24	20.55	-9.31	22.89	-11.65	22.03	-10.79	21.45	-10.21	21.77	-10.53	22.80	-11.56
E-15	Upper Intermediate	7.86	30.90	-23.04	32.30	-24.44	31.85	-23.99	40.30	-32.44	32.85	-24.99	33.50	-25.64
E-16	Shallow/Upper Intermediate	2.20	15.55	-13.35	15.10	-12.90	11.20	-9.00	7.35	-5.15	8.07	-5.87	8.00	-5.80
E-17	Shallow/Upper Intermediate	1.75	10.83	-9.08	11.33	-9.58	12.33	-10.58	12.20	-10.45	4.80	-3.05	4.15	-2.40
E-18	Shallow	9.82	23.35	-13.53	14.88	-5.06	19.45	-9.63	NM	NM	23.40	-13.58	21.50	-11.68
E-19	Upper Intermediate	9.97	18.20	-8.23	19.35	-9.38	21.32	-11.35	NM	NM	23.18	-13.21	25.55	-15.58
Spring Street Extraction System (SSES) Wells														
ES1S	Shallow	21.07	10.15	10.92	8.96	12.11	8.65	12.42	8.10	12.97	9.84	11.23	9.03	12.04
ES2S	Shallow	21.66	9.65	12.01	9.10	12.56	8.30	13.36	7.45	14.21	9.83	11.83	8.30	13.36
ES3I	Lower Intermediate	22.16	18.10	4.06	18.30	3.86	15.85	6.31	14.17	7.99	12.10	10.06	11.80	10.36
ES4I	Upper Intermediate	21.98	11.25	10.73	9.95	12.03	9.63	12.35	9.45	12.53	10.47	11.51	10.65	11.33
ES5S	Shallow	22.77	16.80	5.97	17.25	5.52	16.88	5.89	11.70	11.07	13.90	8.87	16.80	5.97
Spring Street Wells														
PS1S	Shallow	20.78	7.91	12.87	7.33	13.45	7.17	13.61	6.43	14.35	7.02	13.76	7.26	13.52
PS2S	Shallow	20.95	7.57	13.38	7.08	13.87	6.91	14.04	6.14	14.81	6.75	14.20	7.00	13.95
PS3I	Upper Intermediate	21.31	7.25	14.06	6.95	14.36	6.31	15.00	5.94	15.37	6.55	14.76	6.81	14.50
PS4S	Shallow	21.27	7.57	13.70	7.15	14.12	7.00	14.27	6.21	15.06	6.81	14.46	7.05	14.22
PS5I	Upper Intermediate	21.89	7.72	14.17	7.38	14.51	7.25	14.64	6.38	15.51	7.03	14.86	7.30	14.59
PS6S	Shallow	22.83	9.05	13.78	8.62	14.21	8.36	14.47	7.35	15.48	8.27	14.56	8.52	14.31
MS1S	Shallow	19.58	5.60	13.98	5.60	13.98	5.49	14.09	4.54	15.04	5.13	14.45	5.43	14.15
MS2I	Upper Intermediate	20.67	5.54	15.13	5.58	15.09	5.51	15.16	4.40	16.27	5.02	15.65	5.32	15.35
MS3I	Lower Intermediate	20.95	4.85	16.10	4.85	16.10	4.71	16.24	3.53	17.42	4.16	16.79	4.45	16.50
MS4S	Shallow	21.78	7.48	14.30	7.29	14.49	7.18	14.60	6.54	15.24	6.97	14.81	7.18	14.60
MS5I	Lower Intermediate	21.79	6.82	14.97	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MS6I	Lower Intermediate	22.71	9.45	13.26	8.85	13.86	8.53	14.18	7.88	14.83	8.61	14.10	8.90	13.81
MS7I	Upper Intermediate	22.07	9.30	12.77	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MS8I	Lower Intermediate	22.66	NM	NM	4.77	17.89	4.68	17.98	3.50	19.16	4.15	18.51	NM	NM
MS9S	Shallow	23.08	5.98	17.10	6.00	17.08	5.91	17.17	4.83	18.25	5.45	17.63	5.75	17.33
MS10S	Shallow	19.82	5.25	14.57	5.44	14.38	5.42	14.40	4.42	15.40	4.97	14.85	5.27	14.55

Table 3-2
Historical Groundwater Elevation Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Groundwater elevation data reported in feet above mean sea level

Well Identification	Designated Screen Zone	Well Elevation (ft msl)	10-Nov-97 Depth to Water (feet)	10-Nov-97 Water-Level Elevation (ft msl)	09-Feb-98 Depth to Water (feet)	09-Feb-98 Water-Level Elevation (ft msl)	12-May-98 Depth to Water (feet)	12-May-98 Water-Level Elevation (ft msl)	10-Aug-98 Depth to Water (feet)	10-Aug-98 Water-Level Elevation (ft msl)	09-Nov-98 Depth to Water (feet)	09-Nov-98 Water-Level Elevation (ft msl)	08-Feb-99 Depth to Water (feet)	08-Feb-99 Water-Level Elevation (ft msl)
Spectra-Physics Wells														
S-1	Shallow	35.55	8.45	27.10	5.54	30.01	6.64	28.91	7.50	28.05	7.71	27.84	6.74	28.81
S-2	Shallow	36.01	10.02	25.99	7.22	28.79	8.68	27.33	9.31	26.70	9.49	26.52	8.80	27.21
S-3	Shallow	32.38	9.22	23.16	6.42	25.96	7.76	24.62	9.16	23.22	8.55	23.83	7.88	24.50
S-4	Shallow	34.58	11.32	23.26	8.48	26.10	10.00	24.58	10.61	23.97	10.64	23.94	10.06	24.52
S-5	Shallow	32.89	9.81	23.08	7.02	25.87	8.51	24.38	8.52	24.37	9.17	23.72	8.57	24.32
S-6	Shallow	34.07	8.90	25.17	NM	NM	7.51	26.56	8.07	26.00	8.18	25.89	7.59	26.48
S-7	Shallow	32.65	7.76	24.89	4.99	27.66	6.28	26.37	6.86	25.79	7.00	25.65	6.44	26.21
S-8	Shallow	29.36	8.71	20.65	6.09	23.27	7.64	21.72	8.16	21.20	8.23	21.13	7.72	21.64
S-9	Shallow	28.53	7.51	21.02	NM	NM	6.34	22.19	6.98	21.55	6.97	21.56	6.40	22.13
S-10	Shallow	26.40	7.18	19.22	4.28	22.12	6.04	20.36	6.71	19.69	6.71	19.69	6.04	20.36
S-11	Shallow	26.16	6.16	20.00	3.35	22.81	5.04	21.12	5.71	20.45	5.68	20.48	5.05	21.11
S-12	Shallow	35.55	7.03	28.52	4.27	31.28	6.36	29.19	6.00	29.55	6.29	29.26	5.66	29.89
S-13	Upper Intermediate	29.34	8.37	20.97	5.50	23.84	7.15	22.19	7.78	21.56	7.81	21.53	7.20	22.14
S-14	Lower Intermediate	29.43	8.16	21.27	5.15	24.28	6.89	22.54	7.57	21.86	7.60	21.83	6.94	22.49
S-15I	Upper Intermediate	30.90	9.34	21.56	6.50	24.40	8.11	22.79	8.72	22.18	8.77	22.13	8.19	22.71
S-16I	Upper Intermediate	30.65	6.96	23.69	4.05	26.60	5.61	25.04	7.67	22.98	6.35	24.30	5.70	24.95
S-17	Shallow	30.81	7.84	22.97	5.92	24.89	7.07	23.74	6.26	24.55	7.72	23.09	7.22	23.59
S-18	Shallow	36.14	9.45	26.69	6.52	29.62	7.92	28.22	8.55	27.59	8.64	27.50	8.06	28.08
S-18A	Shallow	36.11	9.25	26.86	6.30	29.81	7.79	28.32	8.31	27.80	8.47	27.64	7.94	28.17
S-19	Shallow	35.94	11.63	24.31	8.73	27.21	10.18	25.76	10.86	25.08	10.93	25.01	10.31	25.63
R-1	Shallow	31.97	9.50	22.47	6.61	25.36	8.21	23.76	8.86	23.11	8.87	23.10	8.28	23.69
R-2	Shallow	32.31	10.85	21.46	8.04	24.27	9.64	22.67	10.26	22.05	10.26	22.05	9.71	22.60
Teledyne Semiconductor Wells														
T-1	Shallow	27.87	7.83	20.04	5.05	22.82	6.71	21.16	7.36	20.51	7.36	20.51	6.78	21.09
T-2	Shallow	27.80	8.43	19.37	5.54	22.26	7.31	20.49	7.98	19.82	7.93	19.87	7.34	20.46
T-3	Shallow	28.44	11.02	17.42	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
T-4	Shallow	28.93	8.01	20.92	5.33	23.60	6.89	22.04	7.55	21.38	7.55	21.38	6.98	21.95
T-5	Upper Intermediate	27.87	8.02	19.85	4.93	22.94	6.76	21.11	7.47	20.40	7.52	20.35	6.80	21.07
T-6	Shallow	27.04	8.63	18.41	5.64	21.40	7.50	19.54	8.17	18.87	8.15	18.89	7.52	19.52
T-7	Lower Intermediate	27.72	8.77	18.95	6.75	20.97	7.59	20.13	8.30	19.42	8.32	19.40	7.67	20.05
T-8	Shallow	26.03	10.82	15.21	7.34	18.69	9.68	16.35	10.48	15.55	10.47	15.56	9.63	16.40
T-9	Lower Intermediate	27.69	7.51	20.18	4.52	23.17	6.31	21.38	6.98	20.71	7.00	20.69	6.39	21.30
T-10	Lower Intermediate	26.98	7.63	19.35	5.65	21.33	6.44	20.54	7.10	19.88	7.11	19.87	6.50	20.48
T-11	Upper Intermediate	26.24	14.03	12.21	10.89	15.35	13.10	13.14	14.15	12.09	14.35	11.89	13.63	12.61
T-12	Shallow	27.33	9.55	17.78	5.87	21.46	8.24	19.09	9.15	18.18	9.15	18.18	8.28	19.05
T-13	Lower Intermediate	27.40	9.31	18.09	5.62	21.78	8.11	19.29	8.94	18.46	8.95	18.45	8.12	19.28
T-14	Shallow	30.91	9.12	21.79	6.52	24.39	7.94	22.97	8.57	22.34	8.67	22.24	8.08	22.83
T-15	Shallow	29.79	8.95	20.84	6.22	23.57	7.82	21.97	8.41	21.38	8.43	21.36	7.91	21.88
T-19	Shallow	31.48	8.95	22.53	6.39	25.09	1.66	29.82	8.44	23.04	8.48	23.00	7.87	23.61
T-20	Shallow	29.10	8.64	20.46	5.83	23.27	7.36	21.74	8.19	20.91	8.25	20.85	7.53	21.57
25I	Upper Intermediate	31.17	8.62	22.55	5.26	25.91	7.44	23.73	8.23	22.94	8.30	22.87	7.44	23.73
T-31S	Shallow	27.32	10.33	16.99	6.81	20.51	9.05	18.27	9.97	17.35	8.95	18.37	9.09	18.23
T-32I	Upper Intermediate	24.54	14.85	9.69	11.65	12.89	13.97	10.57	15.02	9.52	15.45	9.09	14.80	9.74
T-33I	Upper Intermediate	26.34	9.80	16.54	6.37	19.97	8.65	17.69	9.47	16.87	9.80	16.54	8.64	17.70
T-34S	Shallow	29.03	7.72	21.31	5.26	23.77	6.59	22.44	7.31	21.72	7.20	21.83	6.70	22.33
RA-1	Shallow	25.28	12.07	13.21	9.36	15.92	11.27	14.01	12.10	13.18	12.00	13.28	11.30	13.98
VW-1	Vertical Extent	25.63	7.58	18.05	4.73	20.90	6.53	19.10	7.17	18.46	6.98	18.65	6.60	19.03
PZI-1	Upper Intermediate	26.82	13.00	13.82	9.73	17.09	11.90	14.92	12.85	13.97	12.99	13.83	12.19	14.63
PZ-1S	Shallow	27.84	11.16	16.68	7.87	19.97	9.99	17.85	10.72	17.12	10.71	17.13	NM	NM
PZ-2S	Shallow	26.80	10.33	16.47	7.04	19.76	9.06	17.74	9.95	16.85	9.93	16.87	9.17	17.63
PZ-3S	Shallow	25.55	10.10	15.45	6.65	18.90	8.92	16.63	9.73	15.82	9.70	15.85	8.89	16.66
PZ-4S	Shallow	26.88	7.94	18.94	5.00	21.88	6.82	20.06	7.48	19.40	7.47	19.41	6.84	20.04
PZ-5S	Shallow	27.17	9.04	18.13	6.00	21.17	7.90	19.27	8.61	18.56	8.61	18.56	7.91	19.26
PZ-6S	Shallow	23.31	6.38	16.93	3.75	19.56	5.70	17.61	6.03	17.28	NM	NM	5.40	17.91
PZ-7S	Shallow	25.56	9.29	16.27	5.93	19.63	8.09	17.47	8.95	16.61	8.91	16.65	8.13	17.43
North Bayshore Wells														
SP-1I	Upper Intermediate	13.23	8.51	4.72	5.42	7.81	7.62	5.61	8.00	5.23	6.91	6.32	7.60	5.63
SP-2I	Upper Intermediate	11.80	10.13	1.67	5.70	6.10	9.35	2.45	10.15	1.65	9.52	2.28	9.20	2.60
SP-3I	Upper Intermediate	9.72	8.60	1.12	5.48	4.24	7.74	1.98	8.10	1.62	8.11	1.61	7.91	1.81
SP-4I	Upper Intermediate	8.16	7.61	0.55	4.55	3.61	6.67	1.49	7.04	1.12	7.01	1.15	6.88	1.28
SP-5I	Upper Intermediate	8.49	12.68	-4.19	8.21	0.28	10.89	-2.40	11.29	-2.80	11.04	-2.55	10.70	-2.21
SP-6I	Upper Intermediate	12.73	8.54	4.19	5.45	7.28	7.71	5.02	8.45	4.28	7.99	4.74	7.61	5.12
SP-10I	Upper Intermediate	13.98	10.11	3.87	8.35	5.63	9.50	4.48	9.91	4.07	9.57	4.41	9.33	4.65
NC1S	Shallow	9.37	14.84	-5.47	14.35	-4.98	14.75	-5.38	14.87	-5.50	14.98	-5.61	14.85	-5.48
NC2I	Upper Intermediate	9.37	14.85	-5.48	14.35	-4.98	14.75	-5.38	14.90	-5.53	14.97	-5.60	14.86	-5.49
NC3S	Shallow	5.19	9.53	-4.34	9.18	-3.99	9.62	-4.43	9.63	-4.44	9.73	-4.54	9.76	-4.57
NC4I	Upper Intermediate	4.95	8.99	-4.04	8.50	-3.55	9.01	-4.06	9.00	-4.05	9.22	-4.27	9.24	-4.29
NC5S	Shallow	5.45	6.88	-1.43	4.20	1.25	6.68	-1.23	6.95	-1.50	7.05	-1.60	6.50	-1.05
NC6I	Upper Intermediate	5.73	7.13	-1.40	4.05	1.68	6.93	-1.20	7.21	-1.48	7.25	-1.52	6.82	-1.09
NC7S	Shallow	5.20	10.68	-5.48	6.45	-1.25	8.43	-3.23	9.54	-4.34	10.10	-4.90	9.46	-4.26
NC8S	Shallow	9.73	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
NC9I	Upper Intermediate	9.82	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
W-1	Upper Intermediate	13.56	3.67	9.89	1.49	12.07	2.92	10.64	3.46	10.10	3.35	10.21	2.66	10.90
W-2	Shallow	18.55	8.10	10.45	5.88	12.67	7.52	11.03	8.08	10.47	7.97	10.58	7.18	11.37
W-2A	Upper Intermediate	18.31	8.35	9.96	6.25	12.06	7.83	10.48	8.40	9.91	8.28	10.03	7.58	10.73
W-3	Shallow	11.56	7.68	3.88	5.16	6.40	6.90	4.66	7.44	4.12	NM	NM	6.75	4.81
W-4	Shallow	15.16	13.89	1.27	11.62	3.54	13.45	1.71	13.75	1.41	14.04	1.12	13.60	1.56
W-4A	Upper Intermediate	15.06	13.71	1.35	11.42	3.64	13.32	1.74	13.65	1.41	14.00	1.06	13.52	1.54
W-5	Upper Intermediate	8.64	7.68	0.96	5.32	3.32	7.02	1.62	7.15	1.49	7.42	1.22	7.30	1.34
W-6	Shallow	8.04	7.54	0.50	4.67	3.37	6.50	1.54	7.23	0.81	7.30	0.74	6.90	1.14
W-6A	Upper Intermediate	7.91	7.47	0.44	4.61	3.30	6.48	1.43	7.11	0.80	7.23	0.68	6.95	0.96
W-7	Shallow	7.68	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
W-7A	Upper Intermediate	7.66	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
Well 21	Shallow	12.86	5.87	6.99	3.00	9.86	5.06	7.80	5.85	7.01	5.52	7.34	4.82	8.04
Well 22	Shallow	8.67	7.71	0.96	5.29	3.38	6.98	1.69	7.09	1.58	7.33	1.34	7.25	1.42
Well 23	Shallow	7.46	6.29	1.17	3.43	4.03	5.31	2.15	5.21	2.25	NM	NM	6.16	1.30
24S	Shallow	11.78	4.55	7.23	1.41	10.37	3.81	7.97	4.51	7.27	4.50	7.28	3.40	8.38
24I	Upper Intermediate	11.49	4.42	7.07	1.20	10.29	3.54	7.95	3.96	7.53	4.10	7.39	4.80	6.69

Table 3-2
Historical Groundwater Elevation Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Groundwater elevation data reported in feet above mean sea level

Well Identification	Designated Screen Zone	Well Elevation (ft msl)	10-Nov-97 Depth to Water (feet)	10-Nov-97 Water-Level Elevation (ft msl)	09-Feb-98 Depth to Water (feet)	09-Feb-98 Water-Level Elevation (ft msl)	12-May-98 Depth to Water (feet)	12-May-98 Water-Level Elevation (ft msl)	10-Aug-98 Depth to Water (feet)	10-Aug-98 Water-Level Elevation (ft msl)	09-Nov-98 Depth to Water (feet)	09-Nov-98 Water-Level Elevation (ft msl)	08-Feb-99 Depth to Water (feet)	08-Feb-99 Water-Level Elevation (ft msl)
North Bayshore Wells (continued)														
26S	Shallow	31.68	5.81	25.87	3.27	28.41	4.72	26.96	5.10	26.58	5.22	26.46	4.61	27.07
26I	Upper Intermediate	31.81	6.22	25.59	3.48	28.33	5.18	26.63	5.61	26.20	5.71	26.10	5.04	26.77
27I	Upper Intermediate	13.17	10.80	2.37	7.48	5.69	9.28	3.89	9.90	3.27	9.70	3.47	9.30	3.87
28S	Shallow	5.82	8.09	-2.27	5.24	0.58	7.21	-1.39	7.90	-2.08	8.10	-2.28	7.65	-1.83
28I	Upper Intermediate	5.87	8.12	-2.25	5.24	0.63	7.15	-1.28	7.95	-2.08	8.13	-2.26	8.06	-2.19
29S	Shallow	19.95	5.90	14.05	3.68	16.27	5.22	14.73	5.78	14.17	5.68	14.27	4.94	15.01
29I	Upper Intermediate	20.14	5.90	14.24	3.60	16.54	5.11	15.03	5.72	14.42	5.65	14.49	4.87	15.27
30S	Shallow	8.73	7.08	1.65	6.27	2.46	6.77	1.96	7.24	1.49	7.30	1.43	6.82	1.91
30I	Upper Intermediate	8.75	7.21	1.54	6.35	2.40	6.90	1.85	7.33	1.42	7.45	1.30	6.94	1.81
VW-2	Vertical Extent	12.87	6.03	6.84	3.33	9.54	5.24	7.63	5.79	7.08	5.65	7.22	2.50	10.37
VW-3	Vertical Extent	11.67	7.62	4.05	4.30	7.37	6.42	5.25	7.11	4.56	6.90	4.77	6.75	4.92
VW-4	Vertical Extent	9.07	3.08	5.99	2.27	6.80	2.42	6.65	2.56	6.51	2.57	6.50	5.13	3.94
NB-1I	Upper Intermediate	14.10	5.45	8.65	3.79	10.31	NM	NM	5.41	8.69	5.37	8.73	4.97	9.13
NB-2	Shallow	14.42	5.61	8.81	4.26	10.16	5.30	9.12	5.72	8.70	5.63	8.79	5.16	9.26
NB-3I	Upper Intermediate	13.08	6.15	6.93	4.68	8.40	5.61	7.47	6.03	7.05	6.00	7.08	5.56	7.52
NB-4	Shallow	12.68	5.82	6.86	5.05	7.63	5.55	7.13	5.81	6.87	5.81	6.87	5.27	7.41
NB-5	Shallow	13.53	8.40	5.13	5.36	8.17	7.52	6.01	8.37	5.16	7.99	5.54	7.40	6.13
NB-6	Shallow	13.77	8.68	5.09	5.68	8.09	7.76	6.01	8.63	5.14	8.22	5.55	7.65	6.12
NB-7	Shallow	11.58	7.88	3.70	4.70	6.88	2.06	9.52	7.81	3.77	7.38	4.20	7.09	4.49
NB-8	Shallow	11.84	9.29	2.55	5.71	6.13	8.47	3.37	9.20	2.64	8.72	3.12	8.40	3.44
NB-9	Shallow	9.00	9.01	-0.01	6.19	2.81	8.16	0.84	8.40	0.60	8.61	0.39	8.41	0.59
NB-10I	Upper Intermediate	2.49	5.49	-3.00	5.00	-2.51	4.70	-2.21	4.95	-2.46	5.18	-2.69	5.26	-2.77
NB-11	Shallow	2.48	5.38	-2.90	2.98	-0.50	4.65	-2.17	5.15	-2.67	5.32	-2.84	4.81	-2.33
NB-13I	Upper Intermediate	13.33	8.98	4.35	6.15	7.18	8.15	5.18	8.78	4.55	8.58	4.75	8.13	5.20
NB-14	Shallow	12.32	8.05	4.27	5.32	7.00	7.23	5.09	7.86	4.46	7.66	4.66	6.90	5.42
NB-15	Shallow	13.82	10.05	3.77	8.31	5.51	9.41	4.41	9.85	3.97	9.61	4.21	9.32	4.50
NB-16I	Upper Intermediate	12.94	8.88	4.06	6.15	6.79	8.15	4.79	8.86	4.08	8.41	4.53	8.00	4.94
NB-17	Shallow	12.93	9.13	3.80	6.22	6.71	8.16	4.77	8.89	4.04	8.40	4.53	8.00	4.93
NB-18I	Upper Intermediate	11.09	8.52	2.57	6.27	4.82	7.81	3.28	8.30	2.79	8.11	2.98	7.80	3.29
NB-19	Shallow	10.96	8.54	2.42	6.55	4.41	7.94	3.02	8.41	2.55	8.24	2.72	7.91	3.05
NB-20	Shallow	10.02	11.25	-1.23	7.91	2.11	10.26	-0.24	10.89	-0.87	11.05	-1.03	10.57	-0.55
NB-21	Shallow	8.04	9.93	-1.89	6.93	1.11	8.95	-0.91	9.62	-1.58	9.83	-1.79	9.14	-1.10
NB-22I	Upper Intermediate	7.21	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
NB-23	Shallow	7.35	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
NB-24I	Upper Intermediate	11.57	4.30	7.27	4.92	6.65	7.26	4.31	NM	NM	10.96	0.61	11.67	-0.10
NB-25	Shallow	10.69	12.69	-2.00	9.13	1.56	10.71	-0.02	12.30	-1.61	12.46	-1.77	12.22	-1.53
NB-26I	Upper Intermediate	11.31	11.45	-0.14	11.90	-0.59	12.10	-0.79	10.63	0.68	11.09	0.22	11.14	0.17
North Bayshore Extraction System (NBES) Wells														
E-1	Shallow	12.78	7.85	4.93	5.70	7.08	NM	NM	7.63	5.15	6.83	5.95	6.00	6.78
E-2	Shallow	12.54	8.58	3.96	5.46	7.08	7.62	4.92	8.53	4.01	8.00	4.54	7.14	5.40
E-3	Shallow	12.63	8.10	4.53	5.09	7.54	7.13	5.50	8.00	4.63	7.85	4.78	6.76	5.87
E-4	Shallow	13.64	9.90	3.74	7.28	6.36	9.08	4.56	9.94	3.70	9.10	4.54	8.99	4.65
E-5	Shallow	13.03	10.85	2.18	8.21	4.82	9.37	3.66	10.05	2.98	9.33	3.70	9.00	4.03
E-6	Shallow	12.60	9.25	3.35	7.70	4.90	8.64	3.96	9.08	3.52	8.60	4.00	8.45	4.15
E-7	Shallow	10.59	14.97	-4.38	13.70	-3.11	15.50	-4.91	16.04	-5.45	16.45	-5.86	15.87	-5.28
E-8	Shallow	7.46	8.50	-1.04	4.90	2.56	7.28	0.18	7.00	0.46	8.82	-1.36	7.61	-0.15
E-9	Shallow	7.83	11.95	-4.12	6.50	1.33	8.45	-0.62	8.73	-0.90	8.58	-0.75	8.27	-0.44
E-10	Upper Intermediate	12.57	17.15	-4.58	12.28	0.29	14.59	-2.02	15.90	-3.33	16.35	-3.78	14.98	-2.41
E-11	Upper Intermediate	13.49	20.45	-6.96	11.28	2.21	11.85	1.64	16.84	-3.35	13.10	0.39	12.85	0.64
E-12	Upper Intermediate	12.99	20.15	-7.16	22.65	-9.66	9.37	3.62	25.45	-12.46	21.80	-8.81	18.15	-5.16
E-13	Upper Intermediate	10.74	NM	NM	12.20	-1.46	17.18	-6.44	22.56	-11.82	20.90	-10.16	19.50	-8.76
E-14	Upper Intermediate	11.24	20.59	-9.35	5.27	5.97	19.28	-8.04	20.97	-9.73	18.73	-7.49	18.60	-7.36
E-15	Upper Intermediate	7.86	35.00	-27.14	24.85	-16.99	32.56	-24.70	31.42	-23.56	28.72	-20.86	28.02	-20.16
E-16	Shallow/Upper Intermediate	2.20	8.10	-5.90	5.30	-3.10	12.00	-9.80	8.01	-5.81	8.95	-6.75	9.26	-7.06
E-17	Shallow/Upper Intermediate	1.75	3.94	-2.19	NM	NM	3.34	-1.59	4.07	-2.32	4.37	-2.62	1.35	0.40
E-18	Shallow	9.82	19.70	-9.88	24.40	-14.58	20.90	-11.08	19.80	-9.98	19.86	-10.04	21.75	-11.93
E-19	Upper Intermediate	9.97	27.29	-17.32	25.95	-15.98	28.85	-18.88	29.55	-19.58	31.50	-21.53	24.33	-14.36
Spring Street Extraction System (SSES) Wells														
ES1S	Shallow	21.07	8.75	12.32	6.75	14.32	8.15	12.92	8.70	12.37	8.60	12.47	7.98	13.09
ES2S	Shallow	21.66	8.90	12.76	6.65	15.01	8.13	13.53	8.75	12.91	8.45	13.21	7.55	14.11
ES3I	Lower Intermediate	22.16	12.42	9.74	10.58	11.58	11.65	10.51	12.30	9.86	12.70	9.46	9.02	13.14
ES4I	Upper Intermediate	21.98	10.55	11.43	7.35	14.63	9.53	12.45	10.19	11.79	10.14	11.84	9.41	12.57
ES5S	Shallow	22.77	15.65	7.12	8.15	14.62	12.67	10.10	13.43	9.34	11.80	10.97	12.83	9.94
Spring Street Wells														
PS1S	Shallow	20.78	7.08	13.70	5.00	15.78	6.31	14.47	6.91	13.87	6.80	13.98	6.11	14.67
PS2S	Shallow	20.95	6.83	14.12	4.66	16.29	6.01	14.94	6.61	14.34	6.55	14.40	5.86	15.09
PS3I	Upper Intermediate	21.31	6.69	14.62	4.15	17.16	5.71	15.60	6.38	14.93	6.32	14.99	5.58	15.73
PS4S	Shallow	21.27	6.90	14.37	4.75	16.52	6.07	15.20	6.68	14.59	6.61	14.66	5.94	15.33
PS5I	Upper Intermediate	21.89	7.13	14.76	4.51	17.38	6.15	15.74	6.85	15.04	6.78	15.11	13.62	8.27
PS6S	Shallow	22.83	8.42	14.41	5.18	17.65	7.19	15.64	8.00	14.83	7.90	14.93	7.20	15.63
MS1S	Shallow	19.58	5.23	14.35	3.15	16.43	4.43	15.15	5.07	14.51	4.99	14.59	4.23	15.35
MS2I	Upper Intermediate	20.67	5.14	15.53	2.48	18.19	4.15	16.52	4.87	15.80	5.81	14.86	3.98	16.69
MS3I	Lower Intermediate	20.95	4.40	16.55	1.60	19.35	3.32	17.63	3.97	16.98	3.96	16.99	3.38	17.57
MS4S	Shallow	21.78	7.11	14.67	5.40	16.38	6.40	15.38	6.88	14.90	6.82	14.96	6.36	15.42
MS5I	Lower Intermediate	21.79	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MS6I	Lower Intermediate	22.71	8.70	14.01	5.79	16.92	7.67	15.04	8.46	14.25	8.43	14.28	7.66	15.05
MS7I	Upper Intermediate	22.07	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MS8I	Lower Intermediate	22.66	4.37	18.29	1.57	21.09	3.29	19.37	3.91	18.75	3.91	18.75	3.35	19.31
MS9S	Shallow	23.08	5.62	17.46	3.08	20.00	4.58	18.50	5.22	17.86	5.21	17.87	4.48	18.60
MS10S	Shallow	19.82	6.13	13.69	3.11	16.71	4.29	15.53	4.92	14.90	4.87	14.95	4.10	15.72

Table 3-2
Historical Groundwater Elevation Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Groundwater elevation data reported in feet above mean sea level

Well Identification	Designated Screen Zone	Well Elevation (ft msl)	10-May-99 Depth to Water (feet)	10-May-99 Water-Level Elevation (ft msl)	09-Aug-99 Depth to Water (feet)	09-Aug-99 Water-Level Elevation (ft msl)	08-Nov-99 Depth to Water (feet)	08-Nov-99 Water-Level Elevation (ft msl)	08-May-00 Depth to Water (feet)	08-May-00 Water-Level Elevation (ft msl)	14-Aug-00 Depth to Water (feet)	14-Aug-00 Water-Level Elevation (ft msl)	13-Nov-00 Depth to Water (feet)	13-Nov-00 Water-Level Elevation (ft msl)
Spectra-Physics Wells														
S-1	Shallow	35.55	7.52	28.03	7.31	28.24	7.47	28.08	7.15	28.40	7.87	27.68	7.31	28.24
S-2	Shallow	36.01	9.35	26.66	9.40	26.61	9.55	26.46	9.25	26.76	9.65	26.36	9.43	26.58
S-3	Shallow	32.38	8.51	23.87	8.48	23.90	8.58	23.80	8.28	24.10	8.82	23.56	8.41	23.97
S-4	Shallow	34.58	10.57	24.01	10.71	23.87	10.81	23.77	10.47	24.11	10.87	23.71	10.60	23.98
S-5	Shallow	32.89	9.12	23.77	9.16	23.73	9.23	23.66	9.01	23.88	9.44	23.45	9.20	23.69
S-6	Shallow	34.07	8.04	26.03	8.21	25.86	8.35	25.72	8.04	26.03	NM	NM	8.28	25.79
S-7	Shallow	32.65	6.92	25.73	6.97	25.68	7.16	25.49	6.86	25.79	7.24	25.41	7.00	25.65
S-8	Shallow	29.36	8.20	21.16	8.32	21.04	8.34	21.02	8.06	21.30	8.50	20.86	8.25	21.11
S-9	Shallow	28.53	NM	NM	NM	NM	NM	NM	NM	NM	7.20	21.33	NM	NM
S-10	Shallow	26.40	6.61	19.79	6.78	19.62	6.79	19.61	6.46	19.94	6.88	19.52	NM	NM
S-11	Shallow	26.16	5.62	20.54	5.79	20.37	5.78	20.38	5.50	20.66	5.92	20.24	5.60	20.56
S-12	Shallow	35.55	6.13	29.42	6.23	29.32	6.33	29.22	6.15	29.40	6.48	29.07	6.36	29.19
S-13	Upper Intermediate	29.34	7.70	21.64	7.90	21.44	7.97	21.37	7.61	21.73	8.02	21.32	7.75	21.59
S-14	Lower Intermediate	29.43	7.62	21.81	7.63	21.80	7.71	21.72	7.38	22.05	7.78	21.65	7.49	21.94
S-15I	Upper Intermediate	30.90	8.70	22.20	8.82	22.08	8.94	21.96	8.60	22.30	9.00	21.90	8.70	22.20
S-16I	Upper Intermediate	30.65	6.24	24.41	6.35	24.30	6.48	24.17	6.17	24.48	7.94	22.71	6.31	24.34
S-17	Shallow	30.81	7.66	23.15	7.72	23.09	7.81	23.00	7.51	23.30	6.56	24.25	7.70	23.11
S-18	Shallow	36.14	8.58	27.56	8.72	27.42	8.88	27.26	8.35	27.79	8.72	27.42	8.50	27.64
S-18A	Shallow	36.11	8.32	27.79	8.48	27.63	8.64	27.47	8.24	27.87	8.62	27.49	8.40	27.71
S-19	Shallow	35.94	10.81	25.13	10.98	24.96	11.09	24.85	10.76	25.18	11.17	24.77	10.95	24.99
R-1	Shallow	31.97	8.81	23.16	8.96	23.01	9.02	22.95	8.71	23.26	9.11	22.86	8.84	23.13
R-2	Shallow	32.31	10.25	22.06	10.35	21.96	10.41	21.90	10.12	22.19	10.52	21.79	10.25	22.06
Teledyne Semiconductor Wells														
T-1	Shallow	27.87	7.33	20.54	7.46	20.41	7.48	20.39	7.21	20.66	7.62	20.25	7.31	20.56
T-2	Shallow	27.80	14.35	13.45	8.07	19.73	8.06	19.74	7.78	20.02	8.19	19.61	7.48	20.32
T-3	Shallow	28.44	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
T-4	Shallow	28.93	7.54	21.39	NM	NM	7.65	21.28	7.43	21.50	8.85	20.08	NM	NM
T-5	Upper Intermediate	27.87	7.45	20.42	7.57	20.30	7.66	20.21	7.30	20.57	7.71	20.16	7.38	20.49
T-6	Shallow	27.04	8.08	18.96	8.26	18.78	8.26	18.78	7.95	19.09	8.35	18.69	7.99	19.05
T-7	Lower Intermediate	27.72	8.28	19.44	8.33	19.39	8.42	19.30	8.06	19.66	8.45	19.27	8.09	19.63
T-8	Shallow	26.03	10.36	15.67	10.57	15.46	10.41	15.62	10.18	15.85	10.61	15.42	10.18	15.85
T-9	Lower Intermediate	27.69	6.95	20.74	7.03	20.66	7.11	20.58	6.61	21.08	7.15	20.54	6.84	20.85
T-10	Lower Intermediate	26.98	7.01	19.97	7.11	19.87	7.23	19.75	6.86	20.12	8.34	18.64	6.85	20.13
T-11	Upper Intermediate	26.24	14.35	11.89	14.54	11.70	14.53	11.71	14.08	12.16	14.51	11.73	14.22	12.02
T-12	Shallow	27.33	9.00	18.33	9.20	18.13	9.18	18.15	8.85	18.48	9.35	17.98	8.74	18.59
T-13	Lower Intermediate	27.40	8.52	18.88	9.00	18.40	8.97	18.43	8.69	18.71	9.13	18.27	8.71	18.69
T-14	Shallow	30.91	8.56	22.35	8.58	22.33	8.83	22.08	8.49	22.42	NM	NM	8.58	NM
T-15	Shallow	29.79	7.38	22.41	8.34	21.45	8.58	21.21	8.32	21.47	NM	NM	8.42	NM
T-19	Shallow	31.48	8.38	23.10	8.50	22.98	8.76	22.72	8.35	23.13	8.82	22.66	8.42	23.06
T-20	Shallow	29.10	8.11	20.99	8.23	20.87	8.49	20.61	8.02	21.08	8.48	20.62	8.05	21.05
25I	Upper Intermediate	31.17	8.18	22.99	8.30	22.87	8.20	22.97	8.13	23.04	8.56	22.61	8.21	22.96
T-31S	Shallow	27.32	9.81	17.51	10.02	17.30	9.98	17.34	9.66	17.66	9.13	18.19	9.65	17.67
T-32I	Upper Intermediate	24.54	15.60	8.94	15.82	8.72	15.82	8.72	15.40	9.14	15.97	8.57	15.50	9.04
T-33I	Upper Intermediate	26.34	9.36	16.98	9.51	16.83	9.46	16.88	9.18	17.16	9.65	16.69	N/A	26.34
T-34S	Shallow	29.03	7.23	21.80	7.21	21.82	NM	NM	7.05	21.98	7.48	21.55	7.17	21.86
RA-1	Shallow	25.28	12.01	13.27	12.10	13.18	11.98	13.30	11.16	14.12	11.73	13.55	10.45	14.83
VW-1	Vertical Extent	25.63	7.07	18.56	7.20	18.43	7.27	18.36	6.48	19.15	6.93	18.70	6.69	18.94
PZI-1	Upper Intermediate	26.82	12.95	13.87	13.14	13.68	10.74	16.08	12.82	14.00	13.26	13.56	12.85	13.97
PZ-1S	Shallow	27.84	10.62	NM	NM	NM	13.10	14.74	10.45	17.39	10.88	16.96	10.45	17.39
PZ-2S	Shallow	26.80	9.81	16.99	10.04	16.76	9.91	16.89	9.62	17.18	10.04	16.76	8.65	18.15
PZ-3S	Shallow	25.55	9.60	15.95	9.83	15.72	9.71	15.84	9.41	16.14	9.85	15.70	9.41	16.14
PZ-4S	Shallow	26.88	7.42	19.46	7.57	19.31	7.57	19.31	7.28	19.60	7.70	19.18	7.35	19.53
PZ-5S	Shallow	27.17	6.95	20.22	8.69	18.48	8.70	18.47	8.43	18.74	8.80	18.37	8.41	18.76
PZ-6S	Shallow	23.31	NM	NM	6.04	17.27	5.98	17.27	5.97	17.34	NM	NM	NM	NM
PZ-7S	Shallow	25.56	8.78	16.78	9.05	16.51	8.99	16.57	8.64	16.92	9.14	16.42	8.63	16.93
North Bayshore Wells														
SP-1I	Upper Intermediate	13.23	7.90	5.33	7.90	5.33	7.72	5.51	7.55	5.68	7.64	5.59	7.61	5.62
SP-2I	Upper Intermediate	11.80	9.64	2.16	9.45	2.35	9.26	2.54	9.11	2.69	9.10	2.70	9.22	2.58
SP-3I	Upper Intermediate	9.72	8.06	1.66	8.88	0.84	8.09	1.63	7.90	1.82	7.60	2.12	8.04	1.68
SP-4I	Upper Intermediate	8.16	7.05	1.11	6.82	1.34	7.02	1.14	6.85	1.31	6.82	1.34	7.11	1.05
SP-5I	Upper Intermediate	8.49	10.87	-2.38	11.10	-2.61	10.85	-2.36	10.86	-2.37	10.60	-2.11	11.18	-2.69
SP-6I	Upper Intermediate	12.73	7.96	4.77	7.82	4.91	7.71	5.02	7.48	5.25	7.63	5.10	7.62	5.11
SP-10I	Upper Intermediate	13.98	9.59	4.39	9.61	4.37	9.44	4.54	9.34	4.64	9.38	4.60	9.31	4.67
NC1S	Shallow	9.37	14.85	-5.48	14.90	-5.53	14.90	-5.53	14.78	-5.41	14.78	-5.41	14.92	-5.55
NC2I	Upper Intermediate	9.37	14.90	-5.53	14.91	-5.54	14.90	-5.53	14.78	-5.41	14.80	-5.43	14.90	-5.53
NC3S	Shallow	5.19	9.71	-4.52	9.68	-4.49	9.82	-4.63	NM	NM	NM	NM	NM	NM
NC4I	Upper Intermediate	4.95	9.13	-4.18	9.10	-4.15	NM	NM	NM	NM	NM	NM	NM	NM
NC5S	Shallow	5.45	6.97	-1.52	6.65	-1.20	6.73	-1.28	6.85	-1.40	6.45	-1.00	6.95	-1.50
NC6I	Upper Intermediate	5.73	7.20	-1.47	6.91	-1.18	7.00	-1.27	7.10	-1.37	6.75	-1.02	7.22	-1.49
NC7S	Shallow	5.20	9.20	-4.00	9.92	-4.72	9.35	-4.15	7.10	-1.90	9.08	-3.88	9.38	-4.18
NC8S	Shallow	9.73	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
NC9I	Upper Intermediate	9.82	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
W-1	Upper Intermediate	13.56	3.21	10.35	3.45	10.11	3.30	10.26	3.04	10.52	3.14	10.42	2.99	10.57
W-2	Shallow	18.55	7.92	10.63	8.05	10.50	7.86	10.69	7.86	10.69	8.05	10.50	7.80	10.75
W-2A	Upper Intermediate	18.31	8.21	10.10	8.31	10.00	8.16	10.15	8.16	10.15	8.39	9.92	8.00	10.31
W-3	Shallow	11.56	7.11	4.45	7.22	4.34	7.00	4.56	6.81	4.75	6.83	4.73	6.91	4.65
W-4	Shallow	15.16	14.33	0.83	13.80	1.36	13.55	1.61	13.95	1.21	13.75	1.41	14.17	0.99
W-4A	Upper Intermediate	15.06	14.21	0.85	13.74	1.32	13.41	1.65	13.81	1.25	13.65	1.41	14.09	0.97
W-5	Upper Intermediate	8.64	7.33	1.31	7.16	1.48	7.50	1.14	7.27	1.37	6.91	1.73	7.51	1.13
W-6	Shallow	8.04	6.76	1.28	7.20	0.84	6.95	1.09	6.91	1.13	6.71	1.33	7.09	0.95
W-6A	Upper Intermediate	7.91	6.75	1.16	7.12	0.79	6.86	1.05	6.87	1.04	6.68	1.23	7.05	0.86
W-7	Shallow	7.68	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
W-7A	Upper Intermediate	7.66	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
Well 21	Shallow	12.86	5.46	7.40	5.62	7.24	5.40	7.46	5.36	7.50	5.24	7.62	5.26	7.60
Well 22	Shallow	8.67	7.27	1.40	6.87	1.80	7.44	1.23	7.25	1.42	7.04	1.63	7.54	1.13
Well 23	Shallow	7.46	6.23	1.23	5.80	1.66	6.51	0.95	6.50	0.96	7.95	-0.49	6.93	0.53
24S	Shallow	11.78	4.34	7.44	4.51	7.27	4.13	7.65	4.15	7.63	4.38	7.40	4.28	7.50
24I	Upper Intermediate	11.49	4.44	7.05	4.46	7.03	4.02	7.47	3.00	8.49	3.40	8.09	3.85	7.64

Table 3-2
Historical Groundwater Elevation Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Groundwater elevation data reported in feet above mean sea level

Well Identification	Designated Screen Zone	Well Elevation (ft msl)	10-May-99 Depth to Water (feet)	10-May-99 Water-Level Elevation (ft msl)	09-Aug-99 Depth to Water (feet)	09-Aug-99 Water-Level Elevation (ft msl)	08-Nov-99 Depth to Water (feet)	08-Nov-99 Water-Level Elevation (ft msl)	08-May-00 Depth to Water (feet)	08-May-00 Water-Level Elevation (ft msl)	14-Aug-00 Depth to Water (feet)	14-Aug-00 Water-Level Elevation (ft msl)	13-Nov-00 Depth to Water (feet)	13-Nov-00 Water-Level Elevation (ft msl)
North Bayshore Wells (continued)														
26S	Shallow	31.68	5.12	26.56	5.09	26.59	5.22	26.46	5.04	26.64	5.43	26.25	5.18	26.50
26I	Upper Intermediate	31.81	5.61	26.20	5.68	26.13	5.72	26.09	5.58	26.23	5.96	25.85	5.70	26.11
27I	Upper Intermediate	13.17	9.52	3.65	9.75	3.42	9.59	3.58	9.23	3.94	9.31	3.86	9.72	3.45
28S	Shallow	5.82	7.66	-1.84	8.03	-2.21	7.18	-1.36	7.10	-1.28	7.47	-1.65	7.67	-1.85
28I	Upper Intermediate	5.87	7.80	-1.93	8.06	-2.19	7.55	-1.68	7.35	-1.48	7.62	-1.75	7.48	-1.61
29S	Shallow	19.95	5.68	14.27	5.84	14.11	5.66	14.29	5.55	14.40	5.95	14.00	5.58	14.37
29I	Upper Intermediate	20.14	5.58	14.56	5.69	14.45	5.59	14.55	5.45	14.69	5.85	14.29	5.42	14.72
30S	Shallow	8.73	7.16	1.57	7.21	1.52	6.81	1.92	6.85	1.88	7.17	1.56	7.12	1.61
30I	Upper Intermediate	8.75	7.31	1.44	7.34	1.41	7.02	1.73	6.95	1.80	7.30	1.45	7.24	1.51
VW-2	Vertical Extent	12.87	5.50	7.37	5.54	7.33	5.51	7.36	5.28	7.59	7.40	5.47	5.32	7.55
VW-3	Vertical Extent	11.67	6.75	4.92	6.90	4.77	6.70	4.97	6.50	5.17	6.55	5.12	6.60	5.07
VW-4	Vertical Extent	9.07	2.42	6.65	2.40	6.67	2.61	6.46	2.32	6.75	2.32	6.75	2.60	6.47
NB-1I	Upper Intermediate	14.10	5.32	8.78	5.81	8.29	5.38	8.72	4.92	9.18	5.29	8.81	5.06	9.04
NB-2	Shallow	14.42	5.70	8.72	5.45	8.97	5.66	8.76	5.51	8.91	5.64	8.78	5.46	8.96
NB-3I	Upper Intermediate	13.08	5.90	7.18	5.95	7.13	5.90	7.18	5.78	7.30	5.87	7.21	5.89	7.19
NB-4	Shallow	12.68	5.51	7.17	5.60	7.08	5.41	7.27	5.41	7.27	5.52	7.16	5.54	7.14
NB-5	Shallow	13.53	7.80	5.73	7.99	5.54	7.96	5.57	7.72	5.81	7.60	5.93	7.84	5.69
NB-6	Shallow	13.77	8.08	5.69	8.22	5.55	8.05	5.72	7.90	5.87	7.82	5.95	7.82	5.95
NB-7	Shallow	11.58	7.40	4.18	7.16	4.42	6.99	4.59	6.72	4.86	6.96	4.62	8.32	3.26
NB-8	Shallow	11.84	8.78	3.06	8.56	3.28	8.42	3.42	8.16	3.68	8.30	3.54	8.40	3.44
NB-9	Shallow	9.00	8.51	0.49	8.31	0.69	8.50	0.50	8.35	0.65	7.98	1.02	8.67	0.33
NB-10I	Upper Intermediate	2.49	4.99	-2.50	5.13	-2.64	5.24	-2.75	4.84	-2.35	4.91	-2.42	5.04	-2.55
NB-11	Shallow	2.48	5.04	-2.56	5.24	-2.76	4.92	-2.44	5.05	-2.57	4.75	-2.27	5.18	-2.70
NB-13I	Upper Intermediate	13.33	8.44	4.89	8.55	4.78	8.35	4.98	8.16	5.17	8.25	5.08	8.21	5.12
NB-14	Shallow	12.32	8.39	3.93	7.61	4.71	7.39	4.93	7.88	4.44	7.37	4.95	6.18	6.14
NB-15	Shallow	13.82	9.55	4.27	9.62	4.20	9.46	4.36	9.37	4.45	9.42	4.40	9.38	4.44
NB-16I	Upper Intermediate	12.94	8.42	4.52	8.39	4.55	8.03	4.91	7.85	5.09	8.11	4.83	7.94	5.00
NB-17	Shallow	12.93	8.38	4.55	8.30	4.63	8.03	4.90	7.91	5.02	8.20	4.73	8.11	4.82
NB-18I	Upper Intermediate	11.09	8.00	3.09	8.01	3.08	7.81	3.28	7.79	3.30	7.80	3.29	7.92	3.17
NB-19	Shallow	10.96	8.13	2.83	8.12	2.84	7.90	3.06	7.92	3.04	7.90	3.06	8.06	2.90
NB-20	Shallow	10.02	10.64	-0.62	11.00	-0.98	10.65	-0.63	10.74	-0.72	10.57	-0.55	10.83	-0.81
NB-21	Shallow	8.04	9.37	-1.33	9.82	-1.78	9.27	-1.23	9.35	-1.31	9.35	-1.31	9.47	-1.43
NB-22I	Upper Intermediate	7.21	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
NB-23	Shallow	7.35	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
NB-24I	Upper Intermediate	11.57	11.75	-0.18	12.40	-0.83	12.91	-1.34	12.77	-1.20	12.62	-1.05	12.45	-0.88
NB-25	Shallow	10.69	11.03	-0.34	10.81	-0.12	11.82	-1.13	11.98	-1.29	11.98	-1.29	11.30	-0.61
NB-26I	Upper Intermediate	11.31	11.88	-0.57	12.06	-0.75	11.18	0.13	11.00	0.31	10.61	0.70	11.70	-0.39
North Bayshore Extraction System (NBES) Wells														
E-1	Shallow	12.78	7.07	5.71	7.00	5.78	5.77	7.01	6.90	5.88	6.80	5.98	5.59	7.19
E-2	Shallow	12.54	8.18	4.36	8.03	4.51	7.82	4.72	7.64	4.90	7.62	4.92	6.31	6.23
E-3	Shallow	12.63	4.07	8.56	8.43	4.20	9.53	3.10	8.15	4.48	8.00	4.63	6.26	6.37
E-4	Shallow	13.64	8.40	5.24	9.60	4.04	9.14	4.50	9.00	4.64	9.00	4.64	7.11	6.53
E-5	Shallow	13.03	9.50	3.53	9.28	3.75	8.92	4.11	9.06	3.97	9.15	3.88	7.56	5.47
E-6	Shallow	12.60	8.65	3.95	8.71	3.89	8.67	3.93	8.30	4.30	8.50	4.10	6.89	5.71
E-7	Shallow	10.59	16.17	-5.58	16.11	-5.52	15.81	-5.22	15.00	-4.41	15.00	-4.41	15.70	-5.11
E-8	Shallow	7.46	7.90	-0.44	7.83	-0.37	7.81	-0.35	7.35	0.11	7.68	-0.22	7.79	-0.33
E-9	Shallow	7.83	8.38	-0.55	8.50	-0.67	8.21	-0.38	8.00	-0.17	7.30	0.53	8.15	-0.32
E-10	Upper Intermediate	12.57	14.25	-1.68	16.80	-4.23	16.51	-3.94	16.70	-4.13	16.30	-3.73	15.62	-3.05
E-11	Upper Intermediate	13.49	12.79	0.70	11.24	2.25	10.80	2.69	10.65	2.84	15.80	-2.31	9.32	4.17
E-12	Upper Intermediate	12.99	18.52	-5.53	17.45	-4.46	18.60	-5.61	18.90	-5.91	16.24	-3.25	17.52	-4.53
E-13	Upper Intermediate	10.74	20.57	-9.83	23.11	-12.37	22.35	-11.61	21.11	-10.37	20.42	-9.68	23.40	-12.66
E-14	Upper Intermediate	11.24	19.96	-8.72	19.51	-8.27	19.12	-7.88	18.84	-7.60	18.20	-6.96	17.21	-5.97
E-15	Upper Intermediate	7.86	28.79	-20.93	30.65	-22.79	28.30	-20.44	26.41	-18.55	28.30	-20.44	26.80	-18.94
E-16	Shallow/Upper Intermediate	2.20	9.60	-7.40	9.46	-7.26	11.30	-9.10	10.85	-8.65	10.65	-8.45	11.14	-8.94
E-17	Shallow/Upper Intermediate	1.75	3.86	-2.11	4.12	-2.37	3.71	-1.96	3.51	-1.76	3.73	-1.98	NM	NM
E-18	Shallow	9.82	20.51	-10.69	20.86	-11.04	23.50	-13.68	22.41	-12.59	21.37	-11.55	23.61	-13.79
E-19	Upper Intermediate	9.97	24.40	-14.43	24.85	-14.88	26.40	-16.43	23.78	-13.81	24.90	-14.93	27.10	-17.13
Spring Street Extraction System (SSES) Wells														
ES1S	Shallow	21.07	8.78	12.29	8.95	12.12	8.89	12.18	9.06	12.01	9.40	11.67	6.00	15.07
ES2S	Shallow	21.66	8.05	13.61	8.32	13.34	7.75	13.91	6.20	15.46	6.88	14.78	7.00	14.66
ES3I	Lower Intermediate	22.16	14.65	7.51	9.65	12.51	13.15	9.01	7.75	14.41	8.82	13.34	9.15	13.01
ES4I	Upper Intermediate	21.98	10.25	11.73	10.58	11.40	10.42	11.56	9.04	12.94	10.55	11.43	10.14	11.84
ES5S	Shallow	22.77	13.40	9.37	11.63	11.14	11.74	11.03	11.88	10.89	13.45	9.32	14.00	8.77
Spring Street Wells														
PS1S	Shallow	20.78	7.76	13.02	6.90	13.88	6.76	14.02	6.69	14.09	6.98	13.80	6.13	14.65
PS2S	Shallow	20.95	6.48	14.47	6.62	14.33	6.50	14.45	6.37	14.58	6.68	14.27	5.92	15.03
PS3I	Upper Intermediate	21.31	6.28	15.03	6.36	14.95	6.29	15.02	6.17	15.14	6.41	14.90	6.00	15.31
PS4S	Shallow	21.27	6.55	14.72	6.67	14.60	6.54	14.73	6.43	14.84	6.72	14.55	6.06	15.21
PS5I	Upper Intermediate	21.89	6.71	15.18	6.83	15.06	6.76	15.13	6.54	15.35	6.90	14.99	6.45	15.44
PS6S	Shallow	22.83	7.81	15.02	8.03	14.80	7.91	14.92	7.65	15.18	8.11	14.72	7.56	15.27
MS1S	Shallow	19.58	4.91	14.67	5.08	14.50	4.94	14.64	4.82	14.76	5.17	14.41	4.72	14.86
MS2I	Upper Intermediate	20.67	4.71	15.96	4.88	15.79	4.77	15.90	4.55	16.12	4.89	15.78	4.52	16.15
MS3I	Lower Intermediate	20.95	3.96	16.99	3.95	17.00	4.07	16.88	3.61	17.34	4.01	16.94	3.60	17.35
MS4S	Shallow	21.78	6.77	15.01	6.84	14.94	6.79	14.99	6.61	15.17	6.85	14.93	6.55	15.23
MS5I	Lower Intermediate	21.79	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MS6I	Lower Intermediate	22.71	8.37	14.34	8.51	14.20	8.45	14.26	8.20	14.51	8.61	14.10	8.15	14.56
MS7I	Upper Intermediate	22.07	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MS8I	Lower Intermediate	22.66	3.86	18.80	4.00	18.66	4.00	18.66	3.67	18.99	4.06	18.60	3.70	18.96
MS9S	Shallow	23.08	5.11	17.97	5.25	17.83	5.24	17.84	4.99	18.09	5.37	17.71	4.99	18.09
MS10S	Shallow	19.82	4.81	15.01	4.94	14.88	4.82	15.00	4.69	15.13	5.08	14.74	4.71	15.11

Table 3-2
Historical Groundwater Elevation Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Groundwater elevation data reported in feet above mean sea level

Well Identification	Designated Screen Zone	Well Elevation (ft msl)	12-Feb-01 Depth to Water (feet)	12-Feb-01 Water-Level Elevation (ft msl)	14-May-01 Depth to Water (feet)	14-May-01 Water-Level Elevation (ft msl)	13-Aug-01 Depth to Water (feet)	13-Aug-01 Water-Level Elevation (ft msl)	05-Nov-01 Depth to Water (feet)	05-Nov-01 Water-Level Elevation (ft msl)	11-Feb-02 Depth to Water (feet)	11-Feb-02 Water-Level Elevation (ft msl)	13-May-02 Depth to Water (feet)	13-May-02 Water-Level Elevation (ft msl)
Spectra-Physics Wells														
S-1	Shallow	35.55	7.10	28.45	7.76	27.79	8.21	27.34	8.84	26.71	7.82	27.73	7.71	27.84
S-2	Shallow	36.01	9.26	26.75	9.91	26.10	10.39	25.62	10.67	25.34	9.87	26.14	9.87	26.14
S-3	Shallow	32.38	8.24	24.14	8.78	23.60	9.20	23.18	9.55	22.83	8.82	23.56	8.84	23.54
S-4	Shallow	34.58	10.44	24.14	10.97	23.61	11.45	23.13	11.64	22.94	11.04	23.54	11.07	23.51
S-5	Shallow	32.89	8.82	24.07	9.45	23.44	10.03	22.86	10.21	22.68	9.45	23.44	9.61	23.28
S-6	Shallow	34.07	8.02	26.05	8.55	25.52	9.04	25.03	NM	NM	8.58	25.49	8.58	25.49
S-7	Shallow	32.65	6.75	25.90	7.38	25.27	7.76	24.89	NM	NM	7.27	25.38	7.24	25.41
S-8	Shallow	29.36	7.94	21.42	8.55	20.81	8.89	20.47	9.05	20.31	8.54	20.82	8.63	20.73
S-9	Shallow	28.53	5.85	22.68	7.23	21.30	NM	NM	7.81	20.72	7.27	21.26	7.30	21.23
S-10	Shallow	26.40	5.95	20.45	6.85	19.55	7.24	19.16	7.38	19.02	6.85	19.55	6.91	19.49
S-11	Shallow	26.16	5.06	21.10	5.92	20.24	6.31	19.85	6.45	19.71	5.93	20.23	5.99	20.17
S-12	Shallow	35.55	5.95	29.60	6.79	28.76	7.26	28.29	7.61	27.94	6.91	28.64	6.71	28.84
S-13	Upper Intermediate	29.34	7.45	21.89	8.06	21.28	8.46	20.88	8.63	20.71	8.07	21.27	8.15	21.19
S-14	Lower Intermediate	29.43	7.05	22.38	7.76	21.67	8.21	21.22	8.40	21.03	7.74	21.69	7.81	21.62
S-15I	Upper Intermediate	30.90	8.40	22.50	9.06	21.84	9.49	21.41	9.63	21.27	9.04	21.86	9.13	21.77
S-16I	Upper Intermediate	30.65	7.37	23.28	6.61	24.04	7.11	23.54	8.57	22.08	6.58	24.07	6.61	24.04
S-17	Shallow	30.81	5.95	24.86	8.05	22.76	8.39	22.42	7.56	23.25	7.96	22.85	8.08	22.73
S-18	Shallow	36.14	8.57	27.57	8.94	27.20	9.46	26.68	9.91	26.23	9.15	26.99	9.06	27.08
S-18A	Shallow	36.11	8.24	27.87	8.81	27.30	9.29	26.82	9.63	26.48	7.89	28.22	8.78	27.33
S-19	Shallow	35.94	10.76	25.18	11.29	24.65	11.78	24.16	11.96	23.98	11.30	24.64	11.31	24.63
R-1	Shallow	31.97	8.65	23.32	9.21	22.76	9.64	22.33	9.83	22.14	9.24	22.73	9.28	22.69
R-2	Shallow	32.31	9.92	22.39	10.59	21.72	10.99	21.32	11.18	21.13	10.61	21.70	10.66	21.65
Teledyne Semiconductor Wells														
T-1	Shallow	27.87	6.99	20.88	7.64	20.23	7.99	19.88	8.18	19.69	7.61	20.26	7.71	20.16
T-2	Shallow	27.80	7.54	20.26	8.17	19.63	8.54	19.26	8.68	19.12	8.17	19.63	8.24	19.56
T-3	Shallow	28.44	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
T-4	Shallow	28.93	7.24	21.69	7.90	21.03	8.27	20.66	8.30	20.63	7.79	21.14	7.95	20.98
T-5	Upper Intermediate	27.87	6.85	21.02	7.63	20.24	8.09	19.78	8.20	19.67	7.55	20.32	7.66	20.21
T-6	Shallow	27.04	7.45	19.59	8.27	18.77	8.66	18.38	8.77	18.27	8.22	18.82	8.33	18.71
T-7	Lower Intermediate	27.72	7.54	20.18	8.33	19.39	8.82	18.90	8.90	18.82	8.28	19.44	8.39	19.33
T-8	Shallow	26.03	9.49	16.54	10.43	15.60	10.83	15.20	10.90	15.13	10.22	15.81	10.47	15.56
T-9	Lower Intermediate	27.69	6.35	21.34	7.10	20.59	7.56	20.13	7.67	20.02	7.04	20.65	7.10	20.59
T-10	Lower Intermediate	26.98	6.38	20.60	7.19	19.79	7.65	19.33	7.40	19.58	7.08	19.90	7.18	19.80
T-11	Upper Intermediate	26.24	13.67	12.57	14.56	11.68	14.63	11.61	14.56	11.68	14.55	11.69	14.91	11.33
T-12	Shallow	27.33	8.19	19.14	9.15	18.18	9.62	17.71	9.70	17.63	8.95	18.38	9.16	18.17
T-13	Lower Intermediate	27.40	8.09	19.31	9.00	18.40	9.43	17.97	9.50	17.90	8.85	18.55	9.00	18.40
T-14	Shallow	30.91	8.43	22.48	9.00	21.91	9.39	21.52	9.51	21.40	8.94	21.97	9.04	21.87
T-15	Shallow	29.79	8.99	20.80	8.74	21.05	9.10	20.69	9.28	20.51	8.75	21.04	8.88	20.91
T-19	Shallow	31.48	8.19	23.29	8.82	22.66	9.24	22.24	9.33	22.15	8.61	22.87	8.76	22.72
T-20	Shallow	29.10	7.79	21.31	8.42	20.68	8.89	20.21	8.95	20.15	8.22	20.88	8.43	20.67
25I	Upper Intermediate	31.17	8.11	23.06	8.92	22.25	NM	NM	NM	NM	8.36	22.81	8.37	22.80
T-31S	Shallow	27.32	9.11	18.21	9.93	17.39	10.42	16.90	10.45	16.87	9.74	17.58	9.99	17.33
T-32I	Upper Intermediate	24.54	13.95	10.59	15.95	8.59	16.51	8.03	16.70	7.84	15.50	9.04	17.23	7.31
T-33I	Upper Intermediate	26.34	8.52	17.82	9.42	16.92	9.83	16.51	9.92	16.42	9.26	17.08	9.44	16.90
T-34S	Shallow	29.03	6.95	22.08	7.56	21.47	7.89	21.14	8.02	21.01	7.38	21.65	7.57	21.46
RA-1	Shallow	25.28	7.00	18.28	15.02	10.26	11.91	13.37	11.85	13.43	15.01	10.27	15.00	10.28
VW-1	Vertical Extent	25.63	7.29	18.34	7.09	18.54	7.56	18.07	8.67	16.96	7.04	18.59	7.12	18.51
PZI-1	Upper Intermediate	26.82	12.19	14.63	13.12	13.70	11.55	15.27	13.70	13.12	13.05	13.77	13.52	13.30
PZ-1S	Shallow	27.84	9.99	17.85	9.99	17.85	11.15	16.69	11.23	16.61	10.54	17.30	10.79	17.05
PZ-2S	Shallow	26.80	9.08	17.72	9.08	17.72	10.32	16.48	10.40	16.40	9.75	17.05	9.98	16.82
PZ-3S	Shallow	25.55	8.72	16.83	8.72	16.83	10.09	15.46	10.14	15.41	9.45	16.10	9.72	15.83
PZ-4S	Shallow	26.88	6.90	19.98	6.90	19.98	8.01	18.87	8.14	18.74	7.60	19.28	7.71	19.17
PZ-5S	Shallow	27.17	7.97	19.20	7.97	19.20	9.11	18.06	9.18	17.99	7.60	19.57	8.77	18.40
PZ-6S	Shallow	23.31	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
PZ-7S	Shallow	25.56	8.09	17.47	8.09	17.47	10.35	15.21	9.40	16.16	8.66	16.90	8.93	16.63
North Bayshore Wells														
SP-1I	Upper Intermediate	13.23	6.69	6.54	7.71	5.52	7.76	5.47	7.81	5.42	9.01	4.22	7.73	5.50
SP-2I	Upper Intermediate	11.80	7.48	4.32	9.17	2.63	8.94	2.86	9.32	2.48	9.41	2.39	9.39	2.41
SP-3I	Upper Intermediate	9.72	7.60	2.12	8.03	1.69	7.65	2.07	8.13	1.59	7.21	2.51	8.15	1.57
SP-4I	Upper Intermediate	8.16	6.72	1.44	7.07	1.09	6.65	1.51	7.08	1.08	7.11	1.05	7.16	1.00
SP-5I	Upper Intermediate	8.49	11.71	-3.22	11.09	-2.60	10.95	-2.46	11.25	-2.76	11.29	-2.80	11.22	-2.73
SP-6I	Upper Intermediate	12.73	6.63	6.10	7.74	4.99	7.71	5.02	7.87	4.86	9.96	2.77	7.80	4.93
SP-10I	Upper Intermediate	13.98	8.75	5.23	9.48	4.50	9.45	4.53	9.41	4.57	9.44	4.54	9.59	4.39
NC1S	Shallow	9.37	14.57	-5.20	14.87	-5.50	14.85	-5.48	14.91	-5.54	14.91	-5.54	15.02	-5.65
NC2I	Upper Intermediate	9.37	14.59	-5.22	14.85	-5.48	14.83	-5.46	14.90	-5.53	14.91	-5.54	16.04	-6.67
NC3S	Shallow	5.19	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
NC4I	Upper Intermediate	4.95	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
NC5S	Shallow	5.45	6.57	-1.12	7.06	-1.61	6.98	-1.53	6.98	-1.53	6.95	-3.16	7.31	-3.28
NC6I	Upper Intermediate	5.73	6.84	-1.11	7.31	-1.58	7.23	-1.50	7.20	-1.47	7.19	5.73	7.03	5.73
NC7S	Shallow	5.20	7.58	-2.38	8.30	-3.10	8.45	-3.25	8.43	-3.23	8.61	5.20	8.73	5.20
NC8S	Shallow	9.73	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
NC9I	Upper Intermediate	9.82	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
W-1	Upper Intermediate	13.56	2.16	11.40	3.15	10.41	5.56	8.00	3.30	10.26	3.11	10.45	3.21	10.35
W-2	Shallow	18.55	6.81	11.74	8.21	10.34	8.08	10.47	8.14	10.41	7.81	10.74	7.94	10.61
W-2A	Upper Intermediate	18.31	7.35	10.96	7.86	10.45	8.41	9.90	8.45	9.86	8.31	10.00	8.26	10.05
W-3	Shallow	11.56	6.24	5.32	7.22	4.34	7.25	4.31	7.10	4.46	7.13	4.43	7.25	4.31
W-4	Shallow	15.16	13.74	1.42	13.91	1.25	14.00	1.16	13.48	1.68	13.30	1.86	13.45	1.71
W-4A	Upper Intermediate	15.06	13.57	1.49	13.82	1.24	13.94	1.12	13.41	1.65	13.41	1.65	13.19	1.87
W-5	Upper Intermediate	8.64	7.19	1.45	7.31	1.33	7.10	1.54	7.45	1.19	7.46	1.18	7.45	1.19
W-6	Shallow	8.04	6.45	1.59	6.94	1.10	6.95	1.09	7.21	0.83	7.15	0.89	6.99	1.05
W-6A	Upper Intermediate	7.91	6.34	1.57	6.93	0.98	6.90	1.01	7.10	0.81	7.15	0.76	7.11	0.80
W-7	Shallow	7.68	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
W-7A	Upper Intermediate	7.66	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
Well 21	Shallow	12.86	4.14	8.72	5.43	7.43	5.69	7.17	5.49	7.37	5.41	7.45	6.62	6.24
Well 22	Shallow	8.67	7.22	1.45	7.32	1.35	7.05	1.62	7.53	1.14	7.61	1.06	7.35	1.32
Well 23	Shallow	7.46	6.52	0.94	6.39	1.07	6.39	1.07	6.29	1.17	7.11	0.35	6.25	1.21
24S	Shallow	11.78	2.62	9.16	4.35	7.43	4.51	7.27	4.68	7.10	4.41	7.37	4.91	6.87
24I	Upper Intermediate	11.49	3.81	7.68	4.05	7.44	4.65	6.84	4.32	7.17	6.03	5.46	5.82	5.67

Table 3-2
Historical Groundwater Elevation Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Groundwater elevation data reported in feet above mean sea level

Well Identification	Designated Screen Zone	Well Elevation (ft msl)	12-Feb-01 Depth to Water (feet)	12-Feb-01 Water-Level Elevation (ft msl)	14-May-01 Depth to Water (feet)	14-May-01 Water-Level Elevation (ft msl)	13-Aug-01 Depth to Water (feet)	13-Aug-01 Water-Level Elevation (ft msl)	05-Nov-01 Depth to Water (feet)	05-Nov-01 Water-Level Elevation (ft msl)	11-Feb-02 Depth to Water (feet)	11-Feb-02 Water-Level Elevation (ft msl)	13-May-02 Depth to Water (feet)	13-May-02 Water-Level Elevation (ft msl)
North Bayshore Wells (continued)														
26S	Shallow	31.68	4.67	27.01	5.51	26.17	5.80	25.88	6.12	25.56	5.48	26.20	5.32	26.36
26I	Upper Intermediate	31.81	5.20	26.61	6.02	25.79	6.41	25.40	6.65	25.16	5.99	25.82	5.90	25.91
27I	Upper Intermediate	13.17	8.32	4.85	9.81	3.36	9.87	3.30	9.40	3.77	9.59	3.58	9.88	3.29
28S	Shallow	5.82	6.95	-1.13	7.39	-1.57	7.49	-1.67	7.55	-1.73	7.75	-1.93	7.72	-1.90
28I	Upper Intermediate	5.87	7.41	-1.54	7.35	-1.48	7.52	-1.65	7.40	-1.53	7.55	-1.68	7.52	-1.65
29S	Shallow	19.95	4.42	15.53	5.69	14.26	5.89	14.06	6.03	13.92	5.64	14.31	5.65	14.30
29I	Upper Intermediate	20.14	4.23	15.91	5.56	14.58	5.99	14.15	5.95	14.19	5.53	14.61	5.76	14.38
30S	Shallow	8.73	6.28	2.45	7.09	1.64	7.32	1.41	7.29	1.44	7.22	1.51	7.61	1.12
30I	Upper Intermediate	8.75	6.37	2.38	7.20	1.55	7.42	1.33	7.40	1.35	7.22	1.53	7.41	1.34
VW-2	Vertical Extent	12.87	4.82	8.05	5.42	7.45	3.36	9.51	5.55	7.32	5.54	7.33	7.25	5.62
VW-3	Vertical Extent	11.67	5.64	6.03	7.00	4.67	6.99	4.68	NM	11.67	6.75	4.92	6.96	4.71
VW-4	Vertical Extent	9.07	2.68	6.39	2.61	6.46	2.69	6.38	2.96	6.11	2.85	6.22	2.95	6.12
NB-1I	Upper Intermediate	14.10	4.03	10.07	NM	14.10	5.49	8.61	5.41	8.69	6.21	7.89	5.20	8.90
NB-2	Shallow	14.42	4.85	9.57	5.68	8.74	5.87	8.55	5.73	8.69	4.21	10.21	5.56	8.86
NB-3I	Upper Intermediate	13.08	5.29	7.79	5.89	7.19	6.00	7.08	6.01	7.07	6.51	6.57	5.96	7.12
NB-4	Shallow	12.68	5.10	7.58	5.51	7.17	NM	NM	5.30	7.38	6.52	6.16	6.67	6.01
NB-5	Shallow	13.53	NM	NM	NM	NM	NM	NM	7.82	5.71	7.10	6.43	7.88	5.65
NB-6	Shallow	13.77	NM	NM	7.81	5.96	8.15	5.62	NM	13.77	NM	NM	NM	NM
NB-7	Shallow	11.58	6.29	5.29	7.03	4.55	7.00	4.58	7.23	4.35	7.31	4.27	6.78	4.80
NB-8	Shallow	11.84	7.68	4.16	8.40	3.44	8.23	3.61	8.59	3.25	8.11	3.73	NM	NM
NB-9	Shallow	9.00	8.28	0.72	8.57	0.43	8.13	0.87	8.66	0.34	8.02	0.98	8.59	0.41
NB-10I	Upper Intermediate	2.49	5.14	-2.65	4.88	-2.39	5.00	-2.51	5.03	-2.54	4.91	-2.42	6.11	-3.62
NB-11	Shallow	2.48	4.17	-1.69	4.97	-2.49	4.98	-2.50	5.05	-2.57	5.40	-2.92	4.92	-2.44
NB-13I	Upper Intermediate	13.33	7.45	5.88	8.48	4.85	8.70	4.63	8.40	4.93	7.49	5.84	8.45	4.88
NB-14	Shallow	12.32	6.41	5.91	7.58	4.74	7.65	4.67	7.60	4.72	7.55	4.77	7.71	4.61
NB-15	Shallow	13.82	8.81	5.01	9.56	4.26	9.57	4.25	9.55	4.27	9.52	4.30	9.67	4.15
NB-16I	Upper Intermediate	12.94	7.01	5.93	8.15	4.79	8.21	4.73	8.18	4.76	7.31	5.63	8.28	4.66
NB-17	Shallow	12.93	7.15	5.78	8.11	4.82	8.15	4.78	8.15	4.78	8.35	4.58	8.19	4.74
NB-18I	Upper Intermediate	11.09	7.21	3.88	7.98	3.11	7.89	3.20	8.03	3.06	8.51	2.58	7.99	3.10
NB-19	Shallow	10.96	7.38	3.58	8.05	2.91	8.00	2.96	8.15	2.81	8.22	2.74	7.42	3.54
NB-20	Shallow	10.02	9.88	0.14	10.60	-0.58	9.20	0.82	10.75	-0.73	10.83	-0.81	9.56	0.46
NB-21	Shallow	8.04	8.58	-0.54	9.22	-1.18	10.60	-2.56	9.43	-1.39	9.51	-1.47	10.77	-2.73
NB-22I	Upper Intermediate	7.21	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
NB-23	Shallow	7.35	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
NB-24I	Upper Intermediate	11.57	12.80	-1.23	12.42	-0.85	12.81	-1.24	12.58	-1.01	12.75	-1.18	12.47	-0.90
NB-25	Shallow	10.69	NM	NM	11.10	-0.41	10.87	-0.18	11.20	-0.51	11.30	-0.61	9.60	1.09
NB-26I	Upper Intermediate	11.31	NM	NM	12.21	-0.90	12.39	-1.08	12.38	-1.07	12.10	-0.79	10.91	0.40
North Bayshore Extraction System (NBES) Wells														
E-1	Shallow	12.78	5.77	7.01	7.30	5.48	7.18	5.60	7.10	5.68	6.71	6.07	8.61	4.17
E-2	Shallow	12.54	6.48	6.06	8.30	4.24	8.56	3.98	8.37	4.17	8.31	4.23	7.32	5.22
E-3	Shallow	12.63	6.61	6.02	6.50	6.13	8.67	3.96	8.20	4.43	6.53	6.10	6.72	5.91
E-4	Shallow	13.64	8.32	5.32	9.30	4.34	9.20	4.44	9.20	4.44	7.41	6.23	7.61	6.03
E-5	Shallow	13.03	8.37	4.66	9.20	3.83	9.08	3.95	9.05	3.98	7.75	5.28	7.84	5.19
E-6	Shallow	12.60	7.54	5.06	8.45	4.15	8.51	4.09	8.40	4.20	8.43	4.17	7.21	5.39
E-7	Shallow	10.59	16.31	-5.72	15.71	-5.12	15.45	-4.86	16.20	-5.61	14.51	-3.92	14.17	-3.58
E-8	Shallow	7.46	7.51	-0.05	8.40	-0.94	7.53	-0.07	8.89	-1.43	10.31	-2.85	7.10	0.36
E-9	Shallow	7.83	7.47	0.36	8.43	-0.60	8.63	-0.80	11.15	-3.32	29.95	-22.12	7.49	0.34
E-10	Upper Intermediate	12.57	5.32	7.25	14.22	-1.65	21.45	-8.88	14.15	-1.58	12.91	-0.34	10.86	1.71
E-11	Upper Intermediate	13.49	10.55	2.94	11.67	1.82	8.72	4.77	10.98	2.51	13.72	-0.23	10.21	3.28
E-12	Upper Intermediate	12.99	17.24	-4.25	20.60	-7.61	20.09	-7.10	18.82	-5.83	15.45	-2.46	16.21	-3.22
E-13	Upper Intermediate	10.74	9.36	1.38	43.26	-32.52	31.15	-20.41	15.38	-4.64	8.52	2.22	24.45	-13.71
E-14	Upper Intermediate	11.24	7.99	3.25	17.79	-6.55	17.16	-5.92	18.68	-7.44	9.31	1.93	12.45	-1.21
E-15	Upper Intermediate	7.86	37.06	-29.20	28.22	-20.36	29.13	-21.27	26.63	-18.77	8.62	-0.76	12.47	-4.61
E-16	Shallow/Upper Intermediate	2.20	NM	NM	15.63	-13.43	14.23	-12.03	10.73	-8.53	10.03	-7.83	12.47	-10.27
E-17	Shallow/Upper Intermediate	1.75	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
E-18	Shallow	9.82	21.50	-11.68	22.31	-12.49	18.30	-8.48	20.15	-10.33	18.02	-8.20	18.31	-8.49
E-19	Upper Intermediate	9.97	32.21	-22.24	35.93	-25.96	43.45	-33.48	33.73	-23.76	23.55	-13.58	33.36	-23.39
Spring Street Extraction System (SSES) Wells														
ES1S	Shallow	21.07	10.41	10.66	7.00	14.07	7.21	13.86	7.95	13.12	6.54	14.53	6.80	14.27
ES2S	Shallow	21.66	10.48	11.18	12.06	9.60	8.15	13.51	8.70	12.96	7.65	14.01	7.54	14.12
ES3I	Lower Intermediate	22.16	6.80	15.36	9.25	12.91	16.83	5.33	12.17	9.99	14.90	7.26	16.87	5.29
ES4I	Upper Intermediate	21.98	8.60	13.38	15.24	6.74	11.37	10.61	11.22	10.76	11.20	10.78	11.65	10.33
ES5S	Shallow	22.77	10.85	11.92	25.05	-2.28	15.60	7.17	11.70	11.07	10.90	11.87	13.56	9.21
Spring Street Wells														
PS1S	Shallow	20.78	4.72	16.06	6.42	14.36	6.65	14.13	6.58	14.20	6.26	14.52	6.36	14.42
PS2S	Shallow	20.95	4.64	16.31	6.14	14.81	6.39	14.56	6.40	14.55	6.03	14.92	6.14	14.81
PS3I	Upper Intermediate	21.31	5.03	16.28	6.15	15.16	6.68	14.63	6.50	14.81	6.06	15.25	6.22	15.09
PS4S	Shallow	21.27	4.86	16.41	6.25	15.02	6.52	14.75	6.51	14.76	6.17	15.10	6.27	15.00
PS5I	Upper Intermediate	21.89	5.52	16.37	6.65	15.24	7.15	14.74	7.01	14.88	6.54	15.35	6.69	15.20
PS6S	Shallow	22.83	6.85	15.98	7.86	14.97	8.29	14.54	8.31	14.52	7.93	14.90	7.86	14.97
MS1S	Shallow	19.58	3.74	15.84	4.84	14.74	5.14	14.44	5.15	14.43	4.75	14.83	4.87	14.71
MS2I	Upper Intermediate	20.67	3.45	17.22	4.73	15.94	5.25	15.42	5.11	15.56	4.67	16.00	4.77	15.90
MS3I	Lower Intermediate	20.95	3.05	17.90	3.76	17.19	4.32	16.63	5.30	15.65	3.78	17.17	3.91	17.04
MS4S	Shallow	21.78	5.91	15.87	6.67	15.11	7.04	14.74	6.92	14.86	6.67	15.11	6.72	15.06
MS5I	Lower Intermediate	21.79	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MS6I	Lower Intermediate	22.71	7.33	15.38	8.40	14.31	8.78	13.93	8.79	13.92	8.26	14.45	8.56	14.15
MS7I	Upper Intermediate	22.07	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MS8I	Lower Intermediate	22.66	3.50	19.16	3.94	18.72	4.36	18.30	4.46	18.20	3.92	18.74	3.97	18.69
MS9S	Shallow	23.08	4.13	18.95	5.21	17.87	5.61	17.47	5.65	17.43	5.18	17.90	5.29	17.79
MS10S	Shallow	19.82	3.69	16.13	4.81	15.01	5.12	14.70	5.19	14.63	4.73	15.09	4.83	14.99

Table 3-2
Historical Groundwater Elevation Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Groundwater elevation data reported in feet above mean sea level

Well Identification	Designated Screen Zone	Well Elevation (ft msl)	12-Aug-02 Depth to Water (feet)	12-Aug-02 Water-Level Elevation (ft msl)	11-Nov-02 Depth to Water (feet)	11-Nov-02 Water-Level Elevation (ft msl)	10-Feb-03 Depth to Water (feet)	10-Feb-03 Water-Level Elevation (ft msl)	12-May-03 Depth to Water (feet)	12-May-03 Water-Level Elevation (ft msl)	02-Sep-03 Depth to Water (feet)	02-Sep-03 Water-Level Elevation (ft msl)	09-Dec-03 Depth to Water (feet)	09-Dec-03 Water-Level Elevation (ft msl)
Spectra-Physics Wells														
S-1	Shallow	35.55	7.85	27.70	7.53	28.02	7.50	28.05	7.38	4.76	7.75	4.39	7.84	27.71
S-2	Shallow	36.01	10.65	25.36	9.68	26.33	9.45	26.56	9.40	4.10	9.65	3.85	9.64	26.37
S-3	Shallow	32.38	9.02	23.36	8.69	23.69	8.50	23.88	8.42	4.33	10.60	2.15	8.60	23.78
S-4	Shallow	34.58	11.28	23.30	10.92	23.66	10.72	23.86	10.65	4.40	10.92	4.13	10.84	23.74
S-5	Shallow	32.89	9.80	23.09	9.48	23.41	6.13	26.76	9.20	3.88	10.43	2.65	9.38	23.51
S-6	Shallow	34.07	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
S-7	Shallow	32.65	8.02	24.63	7.26	25.39	7.02	25.63	8.73	2.22	7.10	3.85	6.99	25.66
S-8	Shallow	29.36	8.80	20.56	8.44	20.92	8.33	21.03	8.23	3.48	8.50	3.21	8.30	21.06
S-9	Shallow	28.53	NM	NM	7.16	NM	7.00	21.53	NM	NM	7.21	3.39	7.02	21.51
S-10	Shallow	26.40	7.06	19.34	6.70	19.70	6.56	19.84	6.52	3.30	6.85	2.97	6.66	19.74
S-11	Shallow	26.16	6.15	20.01	5.78	20.38	5.63	20.53	5.60	3.53	5.86	3.27	5.70	20.46
S-12	Shallow	35.55	7.50	28.05	6.58	28.97	7.90	27.65	6.21	5.11	6.46	4.86	6.51	29.04
S-13	Upper Intermediate	29.34	8.98	20.36	7.95	21.39	7.73	21.61	7.70	3.62	8.00	3.32	7.82	21.52
S-14	Lower Intermediate	29.43	8.00	21.43	7.60	21.83	7.44	21.99	7.31	3.94	7.60	3.65	7.35	22.08
S-15I	Upper Intermediate	30.90	9.37	21.53	8.98	21.92	8.78	22.12	8.50	3.88	5.99	6.39	8.85	22.05
S-16I	Upper Intermediate	30.65	6.82	23.83	7.92	22.73	6.31	24.34	6.10	4.23	7.97	2.36	7.85	22.80
S-17	Shallow	30.81	8.27	22.54	6.44	24.37	7.75	23.06	7.70	3.42	6.44	4.68	7.25	23.56
S-18	Shallow	36.14	9.13	27.01	8.58	27.56	8.10	28.04	8.60	4.17	8.76	4.01	8.89	27.25
S-18A	Shallow	36.11	8.85	27.26	8.58	27.53	8.03	28.08	8.24	4.56	8.45	4.35	8.51	27.60
S-19	Shallow	35.94	12.12	23.82	11.15	24.79	10.90	25.04	10.90	4.19	11.17	3.92	11.05	24.89
R-1	Shallow	31.97	9.49	22.48	9.05	22.92	8.94	23.03	8.86	3.99	9.11	3.74	9.01	22.96
R-2	Shallow	32.31	10.85	21.46	10.51	21.80	10.34	21.97	10.29	3.79	10.52	3.56	10.41	21.90
Teledyne Semiconductor Wells														
T-1	Shallow	27.87	7.87	20.00	7.55	20.32	7.28	20.59	6.63	4.59	7.58	3.64	7.43	20.44
T-2	Shallow	27.80	8.45	19.35	8.03	19.77	7.80	20.00	7.93	5.52	8.10	5.35	7.90	19.90
T-3	Shallow	28.44	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
T-4	Shallow	28.93	8.17	20.76	7.80	21.13	7.36	21.57	7.40	3.43	7.66	3.17	7.70	21.23
T-5	Upper Intermediate	27.87	7.90	19.97	7.45	20.42	7.10	20.77	7.22	3.97	7.56	3.63	7.24	20.63
T-6	Shallow	27.04	8.51	18.53	8.07	18.97	7.84	19.20	7.83	3.81	8.20	3.44	7.94	19.10
T-7	Lower Intermediate	27.72	7.89	19.83	8.10	19.62	8.12	19.60	7.94	4.77	8.25	4.46	7.78	19.94
T-8	Shallow	26.03	13.85	12.18	10.11	15.92	9.84	16.19	9.91	0.65	10.28	0.28	9.95	16.08
T-9	Lower Intermediate	27.69	7.32	20.37	7.84	19.85	6.56	21.13	8.27	2.29	11.93	-1.37	6.53	21.16
T-10	Lower Intermediate	26.98	7.40	19.58	6.84	20.14	6.62	20.36	6.74	9.21	7.00	8.95	6.51	20.47
T-11	Upper Intermediate	26.24	15.09	11.15	14.29	11.95	14.02	12.22	14.45	-2.75	14.55	-2.85	14.07	12.17
T-12	Shallow	27.33	9.45	17.88	8.85	18.48	8.60	18.73	8.60	2.93	9.10	2.43	8.65	18.68
T-13	Lower Intermediate	27.40	9.27	18.13	8.68	18.72	8.50	18.90	8.46	3.62	8.78	3.30	8.56	18.84
T-14	Shallow	30.91	9.22	21.69	8.80	22.11	8.57	22.34	8.61	3.21	8.90	2.92	8.74	22.17
T-15	Shallow	29.79	9.00	20.79	8.68	21.11	8.43	21.36	8.50	3.35	8.68	3.17	8.60	21.19
T-19	Shallow	31.48	2.15	29.33	2.22	29.26	8.32	23.16	19.00	-7.58	8.88	2.54	8.36	23.12
T-20	Shallow	29.10	8.70	20.40	8.25	20.85	7.90	21.20	7.93	3.37	8.32	2.98	8.00	21.10
25I	Upper Intermediate	31.17	8.65	22.52	8.07	23.10	8.62	22.55	7.92	4.43	8.34	4.01	8.11	23.06
T-31S	Shallow	27.32	10.27	17.05	9.67	17.65	9.40	17.92	9.40	6.81	9.81	6.40	9.51	17.81
T-32I	Upper Intermediate	24.54	17.68	6.86	17.30	7.24	15.82	8.72	17.65	-5.82	17.78	-5.95	17.70	6.84
T-33I	Upper Intermediate	26.34	10.70	15.64	9.11	17.23	8.92	17.42	NM	NM	NM	NM	NM	NM
T-34S	Shallow	29.03	7.80	21.23	7.44	21.59	7.30	21.73	7.28	6.07	7.50	5.85	NM	NM
RA-1	Shallow	25.28	11.65	13.63	11.10	14.18	8.62	16.66	11.00	-0.90	11.24	-1.14	11.10	14.18
VW-1	Vertical Extent	25.63	8.00	17.63	6.90	18.73	6.75	18.88	6.65	8.11	7.00	7.76	9.97	15.66
PZI-1	Upper Intermediate	26.82	13.81	13.01	13.20	13.62	12.74	14.08	13.09	0.29	13.40	-0.02	13.03	13.79
PZ-1S	Shallow	27.84	11.07	16.77	10.12	17.72	10.21	17.63	NM	NM	5.75	6.33	NM	NM
PZ-2S	Shallow	26.80	10.22	16.58	9.61	17.19	9.40	17.40	9.45	1.19	9.80	0.84	9.48	17.32
PZ-3S	Shallow	25.55	9.98	15.57	9.36	16.19	9.03	16.52	9.15	2.32	9.51	1.96	9.20	16.35
PZ-4S	Shallow	26.88	7.90	18.98	8.50	18.38	7.23	19.65	7.30	-7.30	7.58	-7.58	7.35	19.53
PZ-5S	Shallow	27.17	9.00	18.17	8.50	18.67	8.15	19.02	8.30	2.97	8.58	2.69	8.31	18.86
PZ-6S	Shallow	23.31	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
PZ-7S	Shallow	25.56	9.22	16.34	8.63	16.93	8.32	17.24	8.38	2.68	8.80	2.26	8.58	16.98
North Bayshore Wells														
SP-1I	Upper Intermediate	13.23	7.81	5.42	7.24	5.99	7.60	5.63	7.45	0.17	7.51	0.11	6.51	6.72
SP-2I	Upper Intermediate	11.80	9.30	2.50	8.95	2.85	9.40	2.40	9.30	3.12	9.25	3.17	7.30	4.50
SP-3I	Upper Intermediate	9.72	7.85	1.87	7.48	2.24	7.88	1.84	7.77	1.22	7.75	1.24	7.25	2.47
SP-4I	Upper Intermediate	8.16	6.81	1.35	6.55	1.61	6.82	1.34	6.78	3.75	6.88	3.65	6.55	1.61
SP-5I	Upper Intermediate	8.49	11.20	-2.71	10.62	-2.13	10.38	-1.89	10.85	4.23	10.00	5.08	8.01	0.48
SP-6I	Upper Intermediate	12.73	7.82	4.91	7.31	5.42	7.61	5.12	7.56	7.85	7.53	7.88	6.60	6.13
SP-10I	Upper Intermediate	13.98	9.49	4.49	9.20	4.78	9.32	4.66	9.30	0.98	9.35	0.93	8.84	5.14
NC1S	Shallow	9.37	14.85	-5.48	14.79	-5.42	14.80	-5.43	14.76	-4.85	14.75	-4.84	14.78	-5.41
NC2I	Upper Intermediate	9.37	14.86	-5.49	14.80	-5.43	14.83	-5.46	14.77	-7.59	14.78	-7.60	14.78	-5.41
NC3S	Shallow	5.19	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
NC4I	Upper Intermediate	4.95	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
NC5S	Shallow	5.45	6.73	-1.28	6.40	-0.95	7.03	-1.58	7.09	4.16	6.75	4.50	6.86	-1.41
NC6I	Upper Intermediate	5.73	7.00	-1.27	6.65	-0.92	6.80	-1.07	6.80	5.01	7.00	4.81	7.09	-1.36
NC7S	Shallow	5.20	8.20	-3.00	8.22	-3.02	8.48	-3.28	8.36	-3.53	NM	NM	8.51	-3.31
NC8S	Shallow	9.73	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
NC9I	Upper Intermediate	9.82	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
W-1	Upper Intermediate	13.56	3.08	10.48	2.53	11.03	2.72	10.84	2.68	10.78	2.95	10.51	2.60	10.96
W-2	Shallow	18.55	8.66	9.89	7.45	11.10	7.65	10.90	7.60	5.69	7.89	5.40	7.68	10.87
W-2A	Upper Intermediate	18.31	8.99	9.32	7.78	10.53	8.00	10.31	8.00	-0.64	8.22	-0.86	8.05	10.26
W-3	Shallow	11.56	7.10	4.46		11.56	6.92	4.64	NM	NM	7.04	NM	6.82	4.74
W-4	Shallow	15.16	13.20	1.96	12.78	2.38	13.22	1.94	13.14	-4.93	13.14	-4.93	13.33	1.83
W-4A	Upper Intermediate	15.06	13.29	1.77	12.65	2.41	NM	NM	13.03	-3.18	13.19	-3.34	13.20	1.86
W-5	Upper Intermediate	8.64	7.10	1.54	6.81	1.83	7.10	1.54	6.89	13.58	6.85	13.62	6.50	2.14
W-6	Shallow	8.04	7.00	1.04	6.71	1.33	7.05	0.99	6.90	-0.48	6.95	-0.53	6.90	1.14
W-6A	Upper Intermediate	7.91	6.95	0.96	6.67	1.24	7.00	0.91	6.85	0.58	6.89	0.54	6.84	1.07
W-7	Shallow	7.68	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
W-7A	Upper Intermediate	7.66	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
Well 21	Shallow	12.86	5.10	7.76	4.68	8.18	4.94	7.92	5.05	0.10	5.21	-0.06	4.37	8.49
Well 22	Shallow	8.67	7.05	1.62	6.90	1.77	7.11	1.56	7.02	2.33	6.98	2.37	7.00	1.67
Well 23	Shallow	7.46	5.80	1.66	5.28	2.18	5.82	1.64	5.62	4.06	5.65	4.03	6.08	1.38
24S	Shallow	11.78	4.40	7.38	3.92	7.86	4.42	7.36	4.11	5.77	4.51	5.37	4.26	7.52
24I	Upper Intermediate	11.49	4.57	6.92	4.15	7.34	4.23	7.26	4.00	5.58	4.26	5.32	4.12	7.37

Table 3-2
Historical Groundwater Elevation Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Groundwater elevation data reported in feet above mean sea level

Well Identification	Designated Screen Zone	Well Elevation (ft msl)	12-Aug-02 Depth to Water (feet)	12-Aug-02 Water-Level Elevation (ft msl)	11-Nov-02 Depth to Water (feet)	11-Nov-02 Water-Level Elevation (ft msl)	10-Feb-03 Depth to Water (feet)	10-Feb-03 Water-Level Elevation (ft msl)	12-May-03 Depth to Water (feet)	12-May-03 Water-Level Elevation (ft msl)	02-Sep-03 Depth to Water (feet)	02-Sep-03 Water-Level Elevation (ft msl)	09-Dec-03 Depth to Water (feet)	09-Dec-03 Water-Level Elevation (ft msl)
North Bayshore Wells (continued)														
26S	Shallow	31.68	5.89	25.79	5.15	26.53	5.14	26.54	4.90	4.77	5.15	4.52	5.49	26.19
26I	Upper Intermediate	31.81	6.40	25.41	5.65	26.16	5.73	26.08	5.40	2.29	5.65	2.04	5.61	26.20
27I	Upper Intermediate	13.17	9.57	3.60	9.19	3.98	9.40	3.77	9.40	-1.71	9.46	-1.77	9.22	3.95
28S	Shallow	5.82	7.71	-1.89	7.34	-1.52	7.60	-1.78	7.34	0.77	7.60	0.51	7.61	-1.79
28I	Upper Intermediate	5.87	7.52	-1.65	7.29	-1.42	7.20	-1.33	7.46	0.77	7.75	0.48	7.37	-1.50
29S	Shallow	19.95	6.55	13.40	5.30	14.65	5.47	14.48	5.44	1.29	5.72	1.01	5.51	14.44
29I	Upper Intermediate	20.14	6.36	13.78	5.17	14.97	5.26	14.88	5.26	2.23	5.58	1.91	5.35	14.79
30S	Shallow	8.73	7.18	1.55	7.07	1.66	7.16	1.57	7.10	-2.73	7.27	-2.90	6.90	1.83
30I	Upper Intermediate	8.75	7.29	1.46	6.95	1.80	7.29	1.46	7.20	-0.90	7.37	-1.07	6.41	2.34
VW-2	Vertical Extent	12.87	5.53	7.34	5.02	7.85	5.54	7.33	5.09	1.45	5.25	1.29	4.80	8.07
VW-3	Vertical Extent	11.67	6.80	4.87		11.67	6.75	4.92	6.50	0.21	NM	NM	NM	NM
VW-4	Vertical Extent	9.07	2.75	6.32	2.71	6.36	2.85	6.22	2.55	3.91	2.81	3.65	2.46	6.61
NB-1I	Upper Intermediate	14.10	5.31	8.79	4.75	9.35	5.05	9.05	4.97	3.68	5.20	3.45	5.08	9.02
NB-2	Shallow	14.42	5.67	8.75	5.14	9.28	5.41	9.01	5.36	3.61	5.46	3.51	5.41	9.01
NB-3I	Upper Intermediate	13.08	5.85	7.23	5.41	7.67	5.61	7.47	5.50	2.81	5.54	2.77	5.42	7.66
NB-4	Shallow	12.68	5.45	7.23	5.45	7.23	5.63	7.05	5.40	4.54	5.13	4.81	5.61	7.07
NB-5	Shallow	13.53	7.70	5.83	NM	NM	7.20	6.33	7.23	1.76	7.38	1.61	NM	NM
NB-6	Shallow	13.77	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
NB-7	Shallow	11.58	7.13	4.45	6.84	4.74	7.09	4.49	7.03	-0.43	6.93	-0.33	6.25	5.33
NB-8	Shallow	11.84	8.59	NM	8.18	3.66	8.38	3.46	8.62	0.69	8.41	0.90	7.20	4.64
NB-9	Shallow	9.00	8.35	0.65	8.20	0.80	8.44	0.56	7.30	1.02	8.20	0.12	8.25	0.75
NB-10I	Upper Intermediate	2.49	5.01	-2.52	5.01	-2.52	4.32	-1.83	4.65	5.63	NM	NM	4.73	-2.24
NB-11	Shallow	2.48	5.00	-2.52	4.67	-2.19	4.86	-2.38	4.60	5.00	NM	NM	4.62	-2.14
NB-13I	Upper Intermediate	13.33	8.40	4.93	8.20	5.13	7.96	5.37	8.22	1.50	8.41	1.31	8.25	5.08
NB-14	Shallow	12.32	7.52	4.80	7.20	5.12	7.40	4.92	6.22	2.74	7.50	1.46	7.28	5.04
NB-15	Shallow	13.82	9.59	4.23	9.20	4.62	9.35	4.47	9.35	-0.23	9.35	-0.23	9.05	4.77
NB-16I	Upper Intermediate	12.94	8.45	4.49	7.91	5.03	8.46	4.48	8.19	3.96	7.94	4.21	7.15	5.79
NB-17	Shallow	12.93	8.50	4.43	7.92	5.01	8.32	4.61	8.23	3.22	8.00	3.45	7.08	5.85
NB-18I	Upper Intermediate	11.09	7.90	3.19	7.62	3.47	7.92	3.17	7.83	2.47	7.88	2.42	7.60	3.49
NB-19	Shallow	10.96	8.00	2.96	7.75	3.21	8.10	2.86	7.91	2.45	7.97	2.39	7.72	3.24
NB-20	Shallow	10.02	10.70	-0.68	10.38	-0.36	10.61	-0.59	10.50	-10.50	10.52	-10.52	10.40	-0.38
NB-21	Shallow	8.04	9.40	-1.36	9.10	-1.06	9.30	-1.26	9.21	-9.21	9.25	-9.25	9.13	-1.09
NB-22I	Upper Intermediate	7.21	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
NB-23	Shallow	7.35	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
NB-24I	Upper Intermediate	11.57	12.25	-0.68	12.15	-0.58	12.99	-1.42	12.10	-4.66	12.50	-5.06	12.08	-0.51
NB-25	Shallow	10.69	10.77	-0.08	10.65	0.04	10.87	-0.18	10.25	2.55	10.60	2.20	10.66	0.03
NB-26I	Upper Intermediate	11.31	12.80	-1.49	12.44	-1.13	12.24	-0.93	12.05	-1.95	12.45	-2.35	12.16	-0.85
North Bayshore Extraction System (NBES) Wells														
E-1	Shallow	12.78	7.50	5.28	7.35	5.43	7.25	5.53	9.75	11.85	9.20	12.40	4.85	7.93
E-2	Shallow	12.54	8.10	4.44	7.60	4.94	7.72	4.82	8.20	-0.30	8.32	-0.42	5.10	7.44
E-3	Shallow	12.63	8.05	4.58	7.33	5.30	7.55	5.08	7.92	1.84	7.63	2.13	5.60	7.03
E-4	Shallow	13.64	9.80	3.84	9.25	4.39	9.52	4.12	9.60	3.10	8.40	4.30	5.95	7.69
E-5	Shallow	13.03	9.00	4.03	8.60	4.43	8.75	4.28	8.80	40.20	9.80	39.20	7.65	5.38
E-6	Shallow	12.60	8.36	4.24	8.05	4.55	8.15	4.45	8.25	11.90	8.50	11.65	7.01	5.59
E-7	Shallow	10.59	15.25	-4.66	15.08	-4.49	13.13	-2.54	13.67	-1.22	14.30	-1.85	7.60	2.99
E-8	Shallow	7.46	7.78	-0.32	7.25	0.21	7.00	0.46	7.15	30.38	7.60	29.93	7.28	0.18
E-9	Shallow	7.83	13.70	-5.87	13.30	-5.47	7.98	-0.15	8.20	16.05	6.08	18.17	7.80	0.03
E-10	Upper Intermediate	12.57	11.60	0.97	9.58	2.99	7.85	4.72	8.10	-0.90	9.25	-2.05	5.05	7.52
E-11	Upper Intermediate	13.49	16.50	-3.01	13.55	-0.06	23.40	-9.91	16.81	-4.86	15.80	-3.85	6.41	7.08
E-12	Upper Intermediate	12.99	16.70	-3.71	15.54	-2.55	16.09	-3.10	17.30	-17.30	17.50	-17.50	7.40	5.59
E-13	Upper Intermediate	10.74	21.20	-10.46	22.16	-11.42	14.62	-3.88	22.33	-22.33	23.60	-23.60	25.20	-14.46
E-14	Upper Intermediate	11.24	20.10	-8.86	21.00	-9.76	21.70	-10.46	24.20	-13.15	27.55	-16.50	5.75	5.49
E-15	Upper Intermediate	7.86	33.62	-25.76	32.25	-24.39	26.00	-18.14	34.00	-25.20	26.50	-17.70	7.43	0.43
E-16	Shallow/Upper Intermediate	2.20	9.10	-6.90	9.95	-7.75	8.75	-6.55	9.60	8.85	9.45	9.00	3.40	-1.20
E-17	Shallow/Upper Intermediate	1.75	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
E-18	Shallow	9.82	21.28	-11.46	23.25	-13.43	16.14	-6.32	42.15	-26.82	22.15	-6.82	10.10	-0.28
E-19	Upper Intermediate	9.97	39.50	-29.53	33.90	-23.93	36.73	-26.76	23.05	-13.73	42.35	-33.03	9.40	0.57
Spring Street Extraction System (SSES) Wells														
ES1S	Shallow	21.07	6.75	14.32	5.87	15.20	6.58	14.49	6.21	2.26	6.50	1.97	4.18	16.89
ES2S	Shallow	21.66	7.89	13.77	5.52	16.14	6.39	15.27	6.80	2.25	5.67	3.38	5.22	16.44
ES3I	Lower Intermediate	22.16	20.45	1.71	13.12	9.04	6.84	15.32	23.80	-14.90	25.45	-16.55	3.31	18.85
ES4I	Upper Intermediate	21.98	11.65	10.33	11.05	10.93	8.06	13.92	NM	NM	10.20	-0.08	10.05	11.93
ES5S	Shallow	22.77	12.15	10.62	8.53	14.24	7.04	15.73	11.00	-3.81	13.82	-6.63	5.93	16.84
Spring Street Wells														
PS1S	Shallow	20.78	6.43	14.35	5.85	14.93	5.92	14.86	6.00	0.89	5.84	1.05	5.32	15.46
PS2S	Shallow	20.95	6.22	14.73	5.65	15.30	5.73	15.22	5.74	2.96	5.97	2.73	5.25	15.70
PS3I	Upper Intermediate	21.31	6.38	14.93	5.87	15.44	5.73	15.58	5.72	3.45	6.00	3.17	5.74	15.57
PS4S	Shallow	21.27	7.00	14.27	5.81	15.46	5.89	15.38	5.89	4.36	6.17	4.08	5.48	15.79
PS5I	Upper Intermediate	21.89	6.85	15.04	6.06	15.83	6.20	15.69	6.19	3.46	6.46	3.19	5.80	16.09
PS6S	Shallow	22.83	8.12	14.71	7.53	15.30	7.33	15.50	7.40	-0.39	7.67	-0.66	7.72	15.11
MS1S	Shallow	19.58	5.04	14.54	4.45	15.13	4.58	15.00	4.56	3.47	6.20	1.83	4.50	15.08
MS2I	Upper Intermediate	20.67	4.95	15.72	4.33	16.34	4.37	16.30	4.37	2.63	4.70	2.30	4.35	16.32
MS3I	Lower Intermediate	20.95	4.15	16.80	3.57	17.38	3.56	17.39	3.55	-3.55	3.88	-3.88	3.32	17.63
MS4S	Shallow	21.78	6.80	14.98	6.41	15.37	6.45	15.33	6.40	-6.40	6.45	-6.45	6.30	15.48
MS5I	Lower Intermediate	21.79	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MS6I	Lower Intermediate	22.71	8.77	13.94	8.10	14.61	7.02	15.69	7.98	-7.98	8.27	-8.27	7.90	14.81
MS7I	Upper Intermediate	22.07	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MS8I	Lower Intermediate	22.66	4.82	17.84	3.84	18.82	3.65	19.01	3.57	-3.57	NM	NM	3.56	19.10
MS9S	Shallow	23.08	6.45	16.63	4.96	18.12	4.90	18.18	4.91	-4.91	5.20	-5.20	4.91	18.17
MS10S	Shallow	19.82	6.61	13.21	4.46	15.36	NM	NM	4.52	-4.52	4.82	-4.82	4.63	15.19

Table 3-2
Historical Groundwater Elevation Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Groundwater elevation data reported in feet above mean sea level

Well Identification	Designated Screen Zone	Well Elevation (ft msl)	15-Mar-04 Depth to Water (feet)	15-Mar-04 Water-Level Elevation (ft msl)	01-Jun-04 Depth to Water (feet)	01-Jun-04 Water-Level Elevation (ft msl)	13-Sep-04 Depth to Water (feet)	13-Sep-04 Water-Level Elevation (ft msl)	29-Nov-04 Depth to Water (feet)	29-Nov-04 Water-Level Elevation (ft msl)	07-Feb-05 Depth to Water (feet)	07-Feb-05 Water-Level Elevation (ft msl)	09-May-05 Depth to Water (feet)	09-May-05 Water-Level Elevation (ft msl)
Spectra-Physics Wells														
S-1	Shallow	35.55	7.42	28.13	7.47	28.08	7.70	27.85	7.85	27.70	7.44	28.11	6.99	28.56
S-2	Shallow	36.01	9.22	26.79	9.33	26.68	9.60	26.41	9.65	26.36	9.23	26.78	8.89	27.12
S-3	Shallow	32.38	8.24	24.14	8.39	23.99	8.55	23.83	8.55	23.83	8.25	24.13	7.93	24.45
S-4	Shallow	34.58	10.45	24.13	10.59	23.99	10.82	23.76	10.79	23.79	10.45	24.13	10.14	24.44
S-5	Shallow	32.89	9.00	23.89	9.19	23.70	9.40	23.49	NM	NM	8.92	23.97	8.74	24.15
S-6	Shallow	34.07	NM	NM	NM	NM	NM	NM	NM	NM	6.77	27.30	NM	NM
S-7	Shallow	32.65	6.65	26.00	6.70	25.95	6.97	25.68	7.01	25.64	6.63	26.02	6.29	26.36
S-8	Shallow	29.36	8.05	21.31	8.23	21.13	8.43	20.93	8.35	21.01	8.10	21.26	7.83	21.53
S-9	Shallow	28.53	6.75	21.78	NM	NM	7.17	21.36	7.11	21.42	NM	NM	6.47	22.06
S-10	Shallow	26.40	6.30	20.10	6.55	19.85	6.75	19.65	6.65	19.75	6.32	20.08	6.07	20.33
S-11	Shallow	26.16	5.42	20.74	5.60	20.56	5.79	20.37	5.70	20.46	5.41	20.75	5.16	21.00
S-12	Shallow	35.55	6.10	29.45	6.10	29.45	6.38	29.17	6.52	29.03	6.08	29.47	5.65	29.90
S-13	Upper Intermediate	29.34	7.50	21.84	7.70	21.64	7.87	21.47	7.81	21.53	7.51	21.83	7.23	22.11
S-14	Lower Intermediate	29.43	7.00	22.43	7.15	22.28	7.41	22.02	7.35	22.08	6.99	22.44	6.62	22.81
S-15I	Upper Intermediate	30.90	8.50	22.40	8.67	22.23	8.88	22.02	8.82	22.08	8.52	22.38	8.23	22.67
S-16I	Upper Intermediate	30.65	7.53	23.12	7.70	22.95	6.26	24.39	6.25	24.40	7.52	23.13	5.42	25.23
S-17	Shallow	30.81	5.95	24.86	6.02	24.79	7.91	22.90	7.83	22.98	5.85	24.96	7.29	23.52
S-18	Shallow	36.14	8.45	27.69	8.52	27.62	8.82	27.32	8.90	27.24	8.47	27.67	8.09	28.05
S-18A	Shallow	36.11	8.10	28.01	8.17	27.94	8.42	27.69	8.53	27.58	8.11	28.00	7.71	28.40
S-19	Shallow	35.94	10.60	25.34	10.83	25.11	11.11	24.83	11.07	24.87	10.71	25.23	10.36	25.58
R-1	Shallow	31.97	8.60	23.37	8.86	23.11	9.09	22.88	9.02	22.95	8.71	23.26	8.40	23.57
R-2	Shallow	32.31	10.10	22.21	10.26	22.05	10.48	21.83	10.41	21.90	10.14	22.17	9.85	22.46
Teledyne Semiconductor Wells														
T-1	Shallow	27.87	7.13	20.74	7.32	20.55	7.51	20.36	7.41	20.46	7.14	20.73	6.87	21.00
T-2	Shallow	27.80	7.59	20.21	7.82	19.98	8.02	19.78	7.90	19.90	7.62	20.18	7.33	20.47
T-3	Shallow	28.44	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
T-4	Shallow	28.93	7.38	21.55	7.44	21.49	7.62	21.31	7.53	21.40	7.45	21.48	7.15	21.78
T-5	Upper Intermediate	27.87	6.89	20.98	7.12	20.75	7.37	20.50	7.30	20.57	6.95	20.92	6.57	21.30
T-6	Shallow	27.04	7.65	19.39	7.84	19.20	8.04	19.00	7.94	19.10	7.68	19.36	7.39	19.65
T-7	Lower Intermediate	27.72	7.39	20.33	7.61	20.11	7.82	19.90	7.74	19.98	7.39	20.33	6.98	20.74
T-8	Shallow	26.03	9.50	16.53	9.89	16.14	10.11	15.92	9.89	16.14	9.53	16.50	9.12	16.91
T-9	Lower Intermediate	27.69	6.16	21.53	6.30	21.39	6.57	21.12	6.49	21.20	6.13	21.56	5.74	21.95
T-10	Lower Intermediate	26.98	6.14	20.84	6.34	20.64	6.55	20.43	6.46	20.52	6.11	20.87	5.72	21.26
T-11	Upper Intermediate	26.24	13.67	12.57	13.80	12.44	14.15	12.09	14.33	11.91	13.91	12.33	13.21	13.03
T-12	Shallow	27.33	8.23	19.10	8.55	18.78	8.88	18.45	8.70	18.63	8.29	19.04	7.79	19.54
T-13	Lower Intermediate	27.40	8.15	19.25	8.44	18.96	8.75	18.65	8.59	18.81	8.21	19.19	7.67	19.73
T-14	Shallow	30.91	8.43	22.48	8.56	22.35	NM	NM	8.76	22.15	NM	NM	8.17	22.74
T-15	Shallow	29.79	8.30	21.49	8.45	21.34	8.67	21.12	8.60	21.19	8.41	21.38	8.07	21.72
T-19	Shallow	31.48	8.03	23.45	8.30	23.18	8.57	22.91	8.53	22.95	8.10	23.38	7.71	23.77
T-20	Shallow	29.10	7.65	21.45	7.93	21.17	8.21	20.89	8.15	20.95	7.72	21.38	7.33	21.77
25I	Upper Intermediate	31.17	7.77	23.40	7.95	23.22	NM	NM	8.19	22.98	7.70	23.47	7.06	24.11
T-31S	Shallow	27.32	9.02	18.30	9.44	17.88	9.70	17.62	NM	NM	9.08	18.24	8.60	18.72
T-32I	Upper Intermediate	24.54	17.21	7.33	17.65	6.89	18.35	6.19	18.78	5.76	17.93	6.61	17.07	7.47
T-33I	Upper Intermediate	26.34	8.56	17.78	8.84	17.50	9.14	17.20	9.00	17.34	8.60	17.74	8.08	18.26
T-34S	Shallow	29.03	7.05	21.98	NM	NM	7.47	21.56	7.35	21.68	7.14	21.89	6.87	22.16
RA-1	Shallow	25.28	10.86	14.42	11.23	14.05	11.47	13.81	11.21	14.07	10.98	14.30	10.63	14.65
VW-1	Vertical Extent	25.63	6.15	19.48	6.45	19.18	6.72	18.91	6.60	19.03	6.21	19.42	5.87	19.76
PZI-1	Upper Intermediate	26.82	12.62	14.20	12.99	13.83	13.31	13.51	13.40	13.42	13.06	13.76	12.48	14.34
PZ-1S	Shallow	27.84	NM	NM	NM	NM	10.49	17.35	10.29	17.55	9.95	17.89	9.56	18.28
PZ-2S	Shallow	26.80	9.08	17.72	9.40	17.40	9.62	17.18	9.45	17.35	9.11	17.69	8.74	18.06
PZ-3S	Shallow	25.55	6.75	18.80	9.11	16.44	9.36	16.19	9.14	16.41	8.28	17.27	8.40	17.15
PZ-4S	Shallow	26.88	7.03	19.85	7.24	19.64	7.47	19.41	7.35	19.53	7.07	19.81	6.77	20.11
PZ-5S	Shallow	27.17	7.97	19.20	8.25	18.92	8.47	18.70	8.35	18.82	8.00	19.17	7.70	19.47
PZ-6S	Shallow	23.31	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
PZ-7S	Shallow	25.56	7.93	17.63	8.40	17.16	8.69	16.87	8.40	17.16	7.98	17.58	7.53	18.03
North Bayshore Wells														
SP-1I	Upper Intermediate	13.23	5.86	7.37	5.89	7.34	6.07	7.16	6.01	7.22	5.88	7.35	5.64	7.59
SP-2I	Upper Intermediate	11.80	6.29	5.51	6.30	5.50	6.40	5.40	6.45	5.35	6.21	5.59	6.04	5.76
SP-3I	Upper Intermediate	9.72	6.51	3.21	6.34	3.38	6.57	3.15	6.80	2.92	NM	NM	6.05	3.67
SP-4I	Upper Intermediate	8.16	5.60	2.56	6.54	1.62	5.65	2.51	5.90	2.26	5.52	2.64	5.20	2.96
SP-5I	Upper Intermediate	8.49	7.38	1.11	7.35	1.14	7.37	1.12	7.77	0.72	7.39	1.10	7.13	1.36
SP-6I	Upper Intermediate	12.73	5.83	6.90	5.90	6.83	6.06	6.67	5.78	6.95	5.79	6.94	5.62	7.11
SP-10I	Upper Intermediate	13.98	8.53	5.45	8.60	5.38	8.65	5.33	8.69	5.29	8.52	5.46	8.35	5.63
NC1S	Shallow	9.37	14.68	-5.31	14.60	-5.23	14.58	-5.21	14.76	-5.39	14.60	-5.23	14.55	-5.18
NC2I	Upper Intermediate	9.37	14.68	-5.31	14.62	-5.25	14.60	-5.23	14.78	-5.41	14.68	-5.31	14.57	-5.20
NC3S	Shallow	5.19	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
NC4I	Upper Intermediate	4.95	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
NC5S	Shallow	5.45	6.58	-1.13	7.02	-1.57	6.67	-1.22	6.84	-1.39	NM	NM	6.52	-1.07
NC6I	Upper Intermediate	5.73	6.85	-1.12	6.75	-1.02	6.95	-1.22	7.10	-1.37	NM	NM	6.80	-1.07
NC7S	Shallow	5.20	7.80	-2.60	7.33	-2.13	8.05	-2.85	8.37	-3.17	7.85	-2.65	7.48	-2.28
NC8S	Shallow	9.73	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
NC9I	Upper Intermediate	9.82	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
W-1	Upper Intermediate	13.56	2.16	11.40	2.43	11.13	2.70	10.86	2.66	10.90	1.41	12.15		0.00
W-2	Shallow	18.55	7.95	10.60	7.70	10.85	7.81	10.74	7.69	10.86	7.39	11.16	2.10	11.46
W-2A	Upper Intermediate	18.31	7.82	10.49	8.02	10.29	8.16	10.15	8.02	10.29	7.80	10.51	7.17	11.38
W-3	Shallow	11.56	6.47	5.09	6.60	4.96	6.73	4.83	6.80	4.76	6.61	4.95	7.59	10.72
W-4	Shallow	15.16	13.04	2.12	13.00	2.16	13.02	2.14	13.10	2.06	13.07	2.09	NM	NM
W-4A	Upper Intermediate	15.06	13.00	2.06	12.98	2.08	12.91	2.15	13.04	2.02	12.98	2.08	12.70	2.46
W-5	Upper Intermediate	8.64	5.69	2.95	5.70	2.94	5.61	3.03	5.78	2.86	5.35	3.29	12.60	2.46
W-6	Shallow	8.04	6.42	1.62	6.38	1.66	6.51	1.53	6.36	1.68	6.60	1.44	5.01	3.63
W-6A	Upper Intermediate	7.91	6.31	1.60	6.29	1.62	6.40	1.51	6.80	1.11	6.50	1.41	6.33	1.71
W-7	Shallow	7.68	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
W-7A	Upper Intermediate	7.66	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
Well 21	Shallow	12.86	3.78	9.08	3.95	8.91	4.33	8.53	4.20	8.66	3.93	8.93	3.69	9.17
Well 22	Shallow	8.67	6.20	2.47	NM	NM	6.06	2.61	6.25	2.42	5.85	2.82	5.61	3.06
Well 23	Shallow	7.46	5.24	2.22	6.20	1.26	5.14	2.32	5.38	2.08	5.15	2.31	4.43	3.03
24S	Shallow	11.78	3.95	7.83	4.28	7.50	5.57	6.21	4.48	7.30	3.96	7.82	3.50	8.28
24I	Upper Intermediate	11.49	3.93	7.56	3.99	7.50	5.19	6.30	4.10	7.39	3.62	7.87	3.50	7.99

Table 3-2
Historical Groundwater Elevation Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Groundwater elevation data reported in feet above mean sea level

Well Identification	Designated Screen Zone	Well Elevation (ft msl)	15-Mar-04 Depth to Water (feet)	15-Mar-04 Water-Level Elevation (ft msl)	01-Jun-04 Depth to Water (feet)	01-Jun-04 Water-Level Elevation (ft msl)	13-Sep-04 Depth to Water (feet)	13-Sep-04 Water-Level Elevation (ft msl)	29-Nov-04 Depth to Water (feet)	29-Nov-04 Water-Level Elevation (ft msl)	07-Feb-05 Depth to Water (feet)	07-Feb-05 Water-Level Elevation (ft msl)	09-May-05 Depth to Water (feet)	09-May-05 Water-Level Elevation (ft msl)
North Bayshore Wells (continued)														
26S	Shallow	31.68	4.78	26.90	4.83	26.85	6.11	25.57	5.13	26.55	4.71	26.97	4.24	27.44
26I	Upper Intermediate	31.81	5.25	26.56	5.40	26.41	6.12	25.69	5.70	26.11	5.26	26.55	4.74	27.07
27I	Upper Intermediate	13.17	8.76	4.41	8.95	4.22	9.03	4.14	9.10	4.07	9.15	4.02	8.87	4.30
28S	Shallow	5.82	7.00	-1.18	6.80	-0.98	7.23	-1.41	7.46	-1.64	7.12	-1.30	6.85	-1.03
28I	Upper Intermediate	5.87	7.10	-1.23	7.00	-1.13	7.07	-1.20	7.00	-1.13	6.95	-1.08	6.75	-0.88
29S	Shallow	19.95	5.25	14.70	5.45	14.50	NM	NM	6.51	13.44	5.24	14.71	5.00	14.95
29I	Upper Intermediate	20.14	5.08	15.06	NM	NM	NM	NM	NM	NM	5.08	15.06	4.86	15.28
30S	Shallow	8.73	6.95	1.78	7.20	1.53	7.46	1.27	7.40	1.33	6.89	1.84	6.62	2.11
30I	Upper Intermediate	8.75	7.09	1.66	7.10	1.65	7.62	1.13	7.50	1.25	6.99	1.76	6.76	1.99
VW-2	Vertical Extent	12.87	4.12	8.75	4.29	8.58	4.42	8.45	4.44	8.43	4.12	8.75	3.87	9.00
VW-3	Vertical Extent	11.67	NM	NM	NM	NM	NM	NM	6.35	5.32	6.15	5.52	5.83	5.84
VW-4	Vertical Extent	9.07	NM	NM	2.01	7.06	1.70	7.37	1.80	7.27	1.48	7.59	1.34	7.73
NB-1I	Upper Intermediate	14.10	4.66	9.44	4.77	9.33	NM	NM	4.89	9.21	4.75	9.35	4.42	9.68
NB-2	Shallow	14.42	5.06	9.36	5.15	9.27	5.42	9.00	5.28	9.14	5.17	9.25	4.82	9.60
NB-3I	Upper Intermediate	13.08	4.69	8.39	5.02	8.06	5.25	7.83	5.18	7.90	4.98	8.10	4.65	8.43
NB-4	Shallow	12.68	5.30	7.38	5.30	7.38	5.47	7.21	5.42	7.26	5.35	7.33	5.14	7.54
NB-5	Shallow	13.53	5.55	7.98	5.58	7.95	5.87	7.66	5.77	7.76	NM	NM	NM	NM
NB-6	Shallow	13.77	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
NB-7	Shallow	11.58	5.34	6.24	5.25	6.33	5.34	6.24	5.27	6.31	5.16	6.42	5.03	6.55
NB-8	Shallow	11.84	6.34	5.50	6.37	5.47	NM	NM	7.15	4.69	6.30	5.54	6.20	5.64
NB-9	Shallow	9.00	7.28	1.72	7.27	1.73	7.29	1.71	7.55	1.45	7.18	1.82	6.90	2.10
NB-10I	Upper Intermediate	2.49	2.60	-0.11	3.85	-1.36	NM	NM	NM	NM	NM	NM	NM	NM
NB-11	Shallow	2.48	NM	NM	4.09		NM	NM	NM	NM	NM	NM	NM	NM
NB-13I	Upper Intermediate	13.33	7.76	5.57	7.93	5.40	NM	NM	8.20	5.13	7.97	5.36	7.64	5.69
NB-14	Shallow	12.32	6.85	5.47	7.02	5.30	NM	NM	7.27	5.05	7.05	5.27	6.70	5.62
NB-15	Shallow	13.82	8.82	5.00	8.86	4.96	NM	NM	8.92	4.90	NM	NM	8.70	5.12
NB-16I	Upper Intermediate	12.94	6.55	6.39	6.83	6.11	6.81	6.13	6.74	6.20	6.45	6.49	6.29	6.65
NB-17	Shallow	12.93	6.46	6.47	6.58	6.35	6.69	6.24	6.67	6.26	6.42	6.51	6.23	6.70
NB-18I	Upper Intermediate	11.09	7.13	3.96	7.19	3.90	7.23	3.86	7.48	3.61	7.29	3.80	7.06	4.03
NB-19	Shallow	10.96	7.25	3.71	7.30	3.66	7.39	3.57	7.57	3.39	7.45	3.51	7.25	3.71
NB-20	Shallow	10.02	9.81	0.21	9.72	0.30	9.95	0.07	10.30	-0.28	NM	NM	9.70	0.32
NB-21	Shallow	8.04	8.57	-0.53	8.44	-0.40	8.76	-0.72	9.01	-0.97	NM	NM	8.50	-0.46
NB-22I	Upper Intermediate	7.21	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
NB-23	Shallow	7.35	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
NB-24I	Upper Intermediate	11.57	12.16	-0.59	12.43	-0.86	NM	NM	NM	NM	NM	NM	12.37	-0.80
NB-25	Shallow	10.69	9.78	0.91	9.77	0.92	9.70	0.99	9.86	0.83	10.28	0.41	9.26	1.43
NB-26I	Upper Intermediate	11.31	11.83	-0.52	10.91	0.40	11.96	-0.65	9.80	1.51	9.58	1.73	10.78	0.53
North Bayshore Extraction System (NBES) Wells														
E-1	Shallow	12.78	4.02	8.76	4.05	8.73	5.77	7.01	4.34	8.44	4.37	8.41	4.37	8.41
E-2	Shallow	12.54	4.35	8.19	4.50	8.04	5.99	6.55	4.61	7.93	4.25	8.29	4.25	8.29
E-3	Shallow	12.63	4.85	7.78	4.95	7.68	5.11	7.52	4.95	7.68	4.76	7.87	4.76	7.87
E-4	Shallow	13.64	5.85	7.79	6.50	7.14	6.11	7.53	6.08	7.56	5.80	7.84	5.80	7.84
E-5	Shallow	13.03	7.31	5.72	7.27	5.76	7.41	5.62	7.34	5.69	7.26	5.77	7.26	5.77
E-6	Shallow	12.60	6.90	5.70	7.03	5.57	7.07	5.53	7.10	5.50	6.92	5.68	6.92	5.68
E-7	Shallow	10.59	7.03	3.56	7.02	3.57	7.10	3.49	7.29	3.30	7.15	3.44	7.15	3.44
E-8	Shallow	7.46	6.00	1.46	6.15	1.31	6.20	1.26	6.35	1.11	5.85	1.61	5.85	1.61
E-9	Shallow	7.83	7.14	0.69	7.06	0.77	7.18	0.65	7.60	0.23	7.20	0.63	7.20	0.63
E-10	Upper Intermediate	12.57	4.31	8.26	4.45	8.12	5.90	6.67	4.52	8.05	4.34	8.23	4.34	8.23
E-11	Upper Intermediate	13.49	6.80	6.69	6.93	6.56	7.14	6.35	7.02	6.47	6.90	6.59	6.90	6.59
E-12	Upper Intermediate	12.99	7.81	5.18	7.00	5.99	7.20	5.79	7.10	5.89	7.05	5.94	7.05	5.94
E-13	Upper Intermediate	10.74	26.30	-15.56	26.50	-15.76	19.72	-8.98	34.30	-23.56	43.65	-32.91	43.65	-32.91
E-14	Upper Intermediate	11.24	5.91	5.33	5.94	5.30	6.17	5.07	6.06	5.18	5.89	5.35	5.89	5.35
E-15	Upper Intermediate	7.86	6.83	1.03	6.81	1.05	6.90	0.96	7.19	0.67	6.98	0.88	6.98	0.88
E-16	Shallow/Upper Intermediate	2.20	2.75	-0.55	2.71	-0.51	NM	NM	NM	NM	NM	NM	NM	NM
E-17	Shallow/Upper Intermediate	1.75	NM	NM	NM	NM	8.50	NM	NM	NM	NM	NM	NM	NM
E-18	Shallow	9.82	8.70	1.12	8.67	1.15	NM	NM	8.84	0.98	8.45	1.37	8.45	1.37
E-19	Upper Intermediate	9.97	7.95	2.02	8.57	1.40	8.40	1.57	8.70	1.27	8.31	1.66	8.31	1.66
Spring Street Extraction System (SSES) Wells														
ES1S	Shallow	21.07	3.90	17.17	4.06	17.01	4.17	16.90	4.03	17.04	3.81	17.26	3.62	17.45
ES2S	Shallow	21.66	6.03	15.63	6.15	15.51	6.35	15.31	6.27	15.39	6.08	15.58	5.88	15.78
ES3I	Lower Intermediate	22.16	3.90	18.26	4.15	18.01	6.68	15.48	4.95	17.21	4.02	18.14	3.65	18.51
ES4I	Upper Intermediate	21.98	10.60	11.38	11.15	10.83	11.41	10.57	10.82	11.16	10.69	11.29	10.68	11.30
ES5S	Shallow	22.77	6.56	16.21	6.85	15.92	8.52	14.25	6.89	15.88	5.60	17.17	6.30	16.47
Spring Street Wells														
PS1S	Shallow	20.78	5.03	15.75	5.22	15.56	5.29	15.49	5.19	15.59	5.01	15.77	4.84	15.94
PS2S	Shallow	20.95	4.95	16.00	5.12	15.83	5.22	15.73	5.10	15.85	4.93	16.02	4.71	16.24
PS3I	Upper Intermediate	21.31	5.27	16.04	5.58	15.73	5.65	15.66	5.60	15.71	5.22	16.09	4.94	16.37
PS4S	Shallow	21.27	5.20	16.07	5.33	15.94	5.46	15.81	5.34	15.93	5.12	16.15	4.90	16.37
PS5I	Upper Intermediate	21.89	5.70	16.19	5.75	16.14	6.14	15.75	5.80	16.09	5.68	16.21	5.40	16.49
PS6S	Shallow	22.83	6.96	15.87	7.05	15.78	7.30	15.53	7.06	15.77	6.78	16.05	6.51	16.32
MS1S	Shallow	19.58	4.25	15.33	4.44	15.14	4.59	14.99	4.45	15.13	4.23	15.35	4.05	15.53
MS2I	Upper Intermediate	20.67	4.00	16.67	4.25	16.42	4.49	16.18	4.35	16.32	4.02	16.65	3.77	16.90
MS3I	Lower Intermediate	20.95	2.85	18.10	3.12	17.83	3.31	17.64	3.22	17.73	2.89	18.06	2.56	18.39
MS4S	Shallow	21.78	6.02	15.76	5.75	16.03	6.25	15.53	5.15	16.63	5.96	15.82	5.76	16.02
MS5I	Lower Intermediate	21.79	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MS6I	Lower Intermediate	22.71	7.51	15.20	7.78	14.93	NM	NM	7.95	14.76	7.64	15.07	7.24	15.47
MS7I	Upper Intermediate	22.07	NM	NM	NM	NM	NM	NM	11.10	10.97	NM	NM	NM	NM
MS8I	Lower Intermediate	22.66	3.15	19.51	3.57	19.09	3.58	19.08	3.55	19.11	3.14	19.52	2.88	19.78
MS9S	Shallow	23.08	4.60	18.48	4.54	18.54	5.03	18.05	4.95	18.13	4.62	18.46	4.36	18.72
MS10S	Shallow	19.82	4.36	15.46	4.60	15.22	4.73	15.09	4.63	15..19	4.34	15.48	4.16	15.66

Table 3-2
Historical Groundwater Elevation Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Groundwater elevation data reported in feet above mean sea level

Well Identification	Designated Screen Zone	Well Elevation (ft msl)	15-Aug-05 Depth to Water (feet)	15-Aug-05 Water-Level Elevation (ft msl)	31-Oct-05 Depth to Water (feet)	31-Oct-05 Water-Level Elevation (ft msl)	13-Mar-06 Depth to Water (feet)	13-Mar-06 Water-Level Elevation (ft msl)	23-May-06 Depth to Water (feet)	23-May-06 Water-Level Elevation (ft msl)	18-Sep-06 Depth to Water (feet)	18-Sep-06 Water-Level Elevation (ft msl)	04-Dec-06 Depth to Water (feet)	04-Dec-06 Water-Level Elevation (ft msl)
Spectra-Physics Wells														
S-1	Shallow	35.55	7.52	28.03	7.69	27.86	6.64	28.91	7.24	28.31	7.22	28.33	7.34	28.21
S-2	Shallow	36.01	8.89	27.12	9.51	26.50	8.45	27.56	9.09	26.92	9.16	26.85	8.91	27.10
S-3	Shallow	32.38	8.37	24.01	8.51	23.87	7.49	24.89	8.05	24.33	8.12	24.26	8.07	24.31
S-4	Shallow	34.58	10.61	23.97	10.73	23.85	9.46	25.12	10.27	24.31	10.33	24.25	10.29	24.29
S-5	Shallow	32.89	8.64	24.25	9.35	23.54	8.32	24.57	8.88	24.01	8.96	23.93	8.93	23.96
S-6	Shallow	34.07	NM	NM	NM	NM	7.20	26.87	7.80	26.27	7.86	26.21	NM	NM
S-7	Shallow	32.65	6.73	25.92	6.85	25.80	5.94	26.71	6.49	26.16	6.46	26.19	6.41	26.24
S-8	Shallow	29.36	8.27	21.09	8.36	21.00	7.36	22.00	7.85	21.51	7.89	21.47	NM	NM
S-9	Shallow	28.53	7.00	21.53	7.01	21.52	NM	NM	NM	NM	6.65	NM	6.63	21.90
S-10	Shallow	26.40	6.58	19.82	6.68	19.72	5.64	20.76	6.16	20.24	6.35	20.05	6.23	20.17
S-11	Shallow	26.16	5.64	20.52	5.72	20.44	4.67	21.49	5.21	20.95	5.31	20.85	5.22	20.94
S-12	Shallow	35.55	6.16	29.39	6.34	29.21	5.39	30.16	5.88	29.67	5.89	29.66	5.98	29.57
S-13	Upper Intermediate	29.34	7.70	21.64	7.76	21.58	6.63	22.71	7.23	22.11	7.27	22.07	NM	NM
S-14	Lower Intermediate	29.43	7.18	22.25	7.25	22.18	5.97	23.46	6.54	22.89	6.63	22.80	6.54	22.89
S-15I	Upper Intermediate	30.90	8.69	22.21	8.77	22.13	7.70	23.20	8.26	22.64	8.34	22.56	8.26	22.64
S-16I	Upper Intermediate	30.65	7.77	22.88	7.90	22.75	4.91	25.74	5.51	25.14	5.59	25.06	5.52	25.13
S-17	Shallow	30.81	6.03	24.78	6.16	24.65	6.92	23.89	7.45	23.36	7.53	23.28	7.45	23.36
S-18	Shallow	36.14	8.60	27.54	8.77	27.37	7.73	28.41	8.32	27.82	8.37	27.77	NM	NM
S-18A	Shallow	36.11	8.24	27.87	8.45	27.66	7.38	28.73	7.95	28.16	8.01	28.10	8.09	28.02
S-19	Shallow	35.94	10.87	25.07	11.02	24.92	9.95	25.99	10.54	25.40	10.65	25.29	10.63	25.31
R-1	Shallow	31.97	8.87	23.10	9.00	22.97	7.97	24.00	8.51	23.46	8.62	23.35	8.55	23.42
R-2	Shallow	32.31	10.30	22.01	10.42	21.89	9.41	22.90	9.94	22.37	10.03	22.28	9.96	22.35
Teledyne Semiconductor Wells														
T-1	Shallow	27.87	7.33	20.54	7.46	20.41	6.34	21.53	6.84	21.03	6.98	20.89	6.85	21.02
T-2	Shallow	27.80	7.85	19.95	7.94	19.86	6.69	21.11	7.26	20.54	7.38	20.42	7.25	20.55
T-3	Shallow	28.44	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
T-4	Shallow	28.93	7.45	21.48	DRY	DRY	6.42	22.51	NM	NM	7.14	NM	7.01	21.92
T-5	Upper Intermediate	27.87	7.14	20.73	7.24	20.63	5.73	22.14	6.32	21.55	6.40	21.47	6.24	21.63
T-6	Shallow	27.04	7.86	19.18	7.94	19.10	6.79	20.25	7.34	19.70	7.37	19.67	7.24	19.80
T-7	Lower Intermediate	27.72	7.57	20.15	7.62	20.10	5.99	21.73	6.59	21.13	6.67	21.05	6.55	21.17
T-8	Shallow	26.03	9.86	16.17	9.84	16.19	7.77	18.26	8.60	17.43	8.79	17.24	8.61	17.42
T-9	Lower Intermediate	27.69	6.31	21.38	6.26	21.43	4.86	22.83	5.55	22.14	5.65	22.04	5.57	22.12
T-10	Lower Intermediate	26.98	6.29	20.69	6.35	20.63	4.93	22.05	5.53	21.45	5.58	21.40	5.48	21.50
T-11	Upper Intermediate	26.24	14.10	12.14	14.20	12.04	7.68	18.56	NM	NM	NM	NM	7.94	18.30
T-12	Shallow	27.33	8.64	18.69	8.66	18.67	6.62	20.71	7.69	19.64	7.92	19.41	7.73	19.60
T-13	Lower Intermediate	27.40	8.42	18.98	8.56	18.84	6.58	20.82	7.47	19.93	7.73	19.67	7.51	19.89
T-14	Shallow	30.91	8.64	22.27	8.73	22.18	7.62	23.29	8.22	22.69	8.28	22.63	8.20	22.71
T-15	Shallow	29.79	9.52	20.27	8.60	21.19	7.59	22.20	NM	NM	8.16	NM	8.12	21.67
T-19	Shallow	31.48	2.28	29.20	8.51	22.97	7.10	24.38	2.27	29.21	8.01	23.47	NM	NM
T-20	Shallow	29.10	8.04	21.06	8.13	20.97	6.56	22.54	7.38	21.72	7.50	21.60	7.31	21.79
25I	Upper Intermediate	31.17	7.96	23.21	8.16	23.01	6.62	24.55	7.44	23.73	7.74	23.43	NM	NM
T-31S	Shallow	27.32	9.49	17.83	9.50	17.82	7.48	19.84	8.43	18.89	8.69	18.63	8.49	18.83
T-32I	Upper Intermediate	24.54	17.53	7.01	17.47	7.07	6.08	18.46	6.87	17.67	7.01	17.53	6.67	17.87
T-33I	Upper Intermediate	26.34	8.90	17.44	8.89	17.45	6.89	19.45	7.75	18.59	7.98	18.36	7.81	18.53
T-34S	Shallow	29.03	7.33	21.70	7.40	21.63	6.40	22.63	6.95	22.08	7.08	21.95	NM	NM
RA-1	Shallow	25.28	11.29	13.99	11.24	14.04	6.78	18.50	8.00	17.28	7.65	17.63	7.46	17.82
VW-1	Vertical Extent	25.63	6.39	19.24	6.52	19.11	4.67	20.96	5.05	20.58	5.75	19.88	5.54	20.09
PZI-1	Upper Intermediate	26.82	13.20	13.62	13.18	13.64	8.07	18.75	8.76	18.06	8.76	18.06	8.49	18.33
PZ-1S	Shallow	27.84	10.24	17.60	10.28	17.56	8.38	19.46	9.14	18.70	9.30	18.54	6.94	20.90
PZ-2S	Shallow	26.80	9.42	17.38	9.43	17.37	7.52	19.28	8.28	18.52	8.41	18.39	8.23	18.57
PZ-3S	Shallow	25.55	9.13	16.42	9.11	16.44	7.00	18.55	7.83	17.72	7.99	17.56	7.81	17.74
PZ-4S	Shallow	26.88	7.29	19.59	7.38	19.50	6.14	20.74	6.72	20.16	6.81	20.07	6.69	20.19
PZ-5S	Shallow	27.17	8.26	18.91	8.34	18.83	6.84	20.33	7.43	19.74	7.56	19.61	7.39	19.78
PZ-6S	Shallow	23.31	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
PZ-7S	Shallow	25.56	8.40	17.16	8.41	17.15	6.22	19.34	7.21	18.35	7.51	18.05	7.27	18.29
North Bayshore Wells														
SP-1I	Upper Intermediate	13.23	6.04	7.19	5.96	7.27	5.17	8.06	5.65	7.58	5.88	7.35	5.95	7.28
SP-2I	Upper Intermediate	11.80	6.35	5.45	6.33	5.47	5.80	6.00	6.02	5.78	6.29	5.51	6.45	5.35
SP-3I	Upper Intermediate	9.72	6.25	3.47	6.53	3.19	5.60	4.12	6.04	3.68	6.42	3.30	6.72	3.00
SP-4I	Upper Intermediate	8.16	5.34	2.82	5.65	2.51	4.71	3.45	5.12	3.04	5.67	2.49	5.96	2.20
SP-5I	Upper Intermediate	8.49	7.15	1.34	7.43	1.06	6.62	1.87	7.01	1.48	7.38	1.11	7.63	0.86
SP-6I	Upper Intermediate	12.73	6.00	6.73	5.89	6.84	5.21	7.52	5.65	7.08	5.82	6.91	5.93	6.80
SP-10I	Upper Intermediate	13.98	8.58	5.40	8.49	5.49	8.00	5.98	8.35	5.63	8.42	5.56	8.41	5.57
NC1S	Shallow	9.37	14.56	-5.19	14.60	-5.23	14.48	-5.11	14.60	-5.23	14.59	-5.22	14.62	-5.25
NC2I	Upper Intermediate	9.37	14.59	-5.22	14.58	-5.21	14.47	-5.10	14.62	-5.25	14.60	-5.23	14.65	-5.28
NC3S	Shallow	5.19	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
NC4I	Upper Intermediate	4.95	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
NC5S	Shallow	5.45	NM	NM	6.71	-1.26	6.19	-0.74	6.36	-0.91	6.58	-1.13	6.77	-1.32
NC6I	Upper Intermediate	5.73	NM	NM	7.02	-1.29	6.48	-0.75	6.64	-0.91	6.87	-1.14	7.01	-1.28
NC7S	Shallow	5.20	7.59	-2.39	7.65	-2.45	6.95	-1.75	7.40	-2.20	7.91	-2.71	8.14	-2.94
NC8S	Shallow	9.73	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
NC9I	Upper Intermediate	9.82	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
W-1	Upper Intermediate	13.56	2.66	10.90	2.71	10.85	1.74	11.82	2.31	11.25	2.51	11.05	2.57	10.99
W-2	Shallow	18.55	7.98	10.57	7.71	10.84	6.89	11.66	7.40	11.15	7.63	10.92	7.57	10.98
W-2A	Upper Intermediate	18.31	7.64	10.67	8.05	10.26	7.31	11.00	7.78	10.53	7.93	10.38	7.94	10.37
W-3	Shallow	11.56	NM	NM	6.69	4.87	5.99	5.57	NM	NM	6.53	NM	6.53	5.03
W-4	Shallow	15.16	12.80	2.36	13.00	2.16	12.55	2.61	12.72	2.44	12.97	2.19	13.03	2.13
W-4A	Upper Intermediate	15.06	12.72	2.34	12.90	2.16	12.44	2.62	12.62	2.44	12.89	2.17	12.93	2.13
W-5	Upper Intermediate	8.64	5.09	3.55	5.38	3.26	4.57	4.07	4.99	3.65	5.01	3.63	5.34	3.30
W-6	Shallow	8.04	6.41	1.63	6.65	1.39	5.80	2.24	6.07	1.97	6.65	1.39	6.84	1.20
W-6A	Upper Intermediate	7.91	6.28	1.63	6.55	1.36	5.69	2.22	6.01	1.90	6.55	1.36	6.74	1.17
W-7	Shallow	7.68	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
W-7A	Upper Intermediate	7.66	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
Well 21	Shallow	12.86	4.30	8.56	4.08	8.78	3.19	9.67	3.79	9.07	4.00	8.86	4.04	8.82
Well 22	Shallow	8.67	5.66	3.01	5.99	2.68	5.16	3.51	5.60	3.07	5.63	3.04	6.14	2.53
Well 23	Shallow	7.46	4.49	2.97	4.69	2.77	4.30	3.16	4.35	3.11	4.64	2.82	4.87	2.59
24S	Shallow	11.78	4.39	7.39	4.51	7.27	3.08	8.70	4.01	7.77	4.45	7.33	4.34	7.44
24I	Upper Intermediate	11.49	3.73	7.76	4.10	7.39	3.10	8.39	3.52	7.97	3.86	7.63	3.96	7.53

Table 3-2
Historical Groundwater Elevation Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Groundwater elevation data reported in feet above mean sea level

Well Identification	Designated Screen Zone	Well Elevation (ft msl)	15-Aug-05 Depth to Water (feet)	15-Aug-05 Water-Level Elevation (ft msl)	31-Oct-05 Depth to Water (feet)	31-Oct-05 Water-Level Elevation (ft msl)	13-Mar-06 Depth to Water (feet)	13-Mar-06 Water-Level Elevation (ft msl)	23-May-06 Depth to Water (feet)	23-May-06 Water-Level Elevation (ft msl)	18-Sep-06 Depth to Water (feet)	18-Sep-06 Water-Level Elevation (ft msl)	04-Dec-06 Depth to Water (feet)	04-Dec-06 Water-Level Elevation (ft msl)
North Bayshore Wells (continued)														
26S	Shallow	31.68	NM	NM	5.01	26.67	3.96	27.72	4.49	27.19	4.66	27.02	4.61	27.07
26I	Upper Intermediate	31.81	NM	NM	5.58	26.23	4.42	27.39	4.95	26.86	5.21	26.60	5.13	26.68
27I	Upper Intermediate	13.17	9.14	4.03	9.13	4.04	8.45	4.72	8.75	4.42	8.99	4.18	8.89	4.28
28S	Shallow	5.82	6.94	-1.12	6.68	-0.86	6.36	-0.54	6.72	-0.90	7.19	-1.37	7.36	-1.54
28I	Upper Intermediate	5.87	6.87	-1.00	7.10	-1.23	6.39	-0.52	6.57	-0.70	6.63	-0.76	7.26	-1.39
29S	Shallow	19.95	5.42	14.53	NM	NM	NM	NM	5.20	14.75	NM	NM	NM	NM
29I	Upper Intermediate	20.14	NM	NM	NM	NM	NM	NM	5.05	15.09	NM	NM	NM	NM
30S	Shallow	8.73	7.16	1.57	7.29	1.44	6.57	2.16	7.00	1.73	7.30	1.43	7.44	1.29
30I	Upper Intermediate	8.75	7.29	1.46	7.38	1.37	6.69	2.06	7.05	1.70	7.40	1.35	7.54	1.21
VW-2	Vertical Extent	12.87	4.25	8.62	4.26	8.61	3.36	9.51	3.90	8.97	4.08	8.79	4.14	8.73
VW-3	Vertical Extent	11.67	6.20	5.47	6.26	5.41	5.33	6.34	5.90	5.77	6.19	5.48	6.18	5.49
VW-4	Vertical Extent	9.07	1.46	7.61	1.55	7.52	1.03	8.04	1.02	8.05	1.24	7.83	1.42	7.65
NB-1I	Upper Intermediate	14.10	4.87	9.23	4.91	9.19	4.20	9.90	4.57	9.53	4.73	9.37	5.79	8.31
NB-2	Shallow	14.42	5.29	9.13	5.32	9.10	4.63	9.79	5.05	9.37	5.08	9.34	5.21	9.21
NB-3I	Upper Intermediate	13.08	5.01	8.07	5.02	8.06	4.29	8.79	4.75	8.33	4.91	8.17	5.08	8.00
NB-4	Shallow	12.68	5.39	7.29	5.26	7.42	5.01	7.67	5.20	7.48	5.23	7.45	5.44	7.24
NB-5	Shallow	13.53	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
NB-6	Shallow	13.77	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
NB-7	Shallow	11.58	5.26	6.32	5.29	6.29	4.79	6.79	5.04	6.54	5.21	6.37	5.39	6.19
NB-8	Shallow	11.84	NM	NM	6.42	5.42	NM	NM	NM	NM	6.94	NM	6.85	4.99
NB-9	Shallow	9.00	6.96	2.04	7.29	1.71	6.30	2.70	6.79	2.21	7.16	1.84	NM	NM
NB-10I	Upper Intermediate	2.49	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
NB-11	Shallow	2.48	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
NB-13I	Upper Intermediate	13.33	8.01	5.32	8.03	5.30	7.25	6.08	7.82	5.51	8.14	5.19	7.90	5.43
NB-14	Shallow	12.32	7.10	5.22	7.21	5.11	6.34	5.98	6.90	5.42	7.08	5.24	7.07	5.25
NB-15	Shallow	13.82	8.89	4.93	8.85	4.97	8.40	5.42	8.69	5.13	8.72	5.10	NM	NM
NB-16I	Upper Intermediate	12.94	6.65	6.29	6.56	6.38	5.87	7.07	6.35	6.59	6.51	6.43	6.58	6.36
NB-17	Shallow	12.93	6.60	6.33	6.49	6.44	5.80	7.13	6.30	6.63	6.43	6.50	6.51	6.42
NB-18I	Upper Intermediate	11.09	7.24	3.85	7.31	3.78	6.67	4.42	7.08	4.01	7.24	3.85	7.29	3.80
NB-19	Shallow	10.96	7.39	3.57	7.50	3.46	6.92	4.04	7.29	3.67	7.43	3.53	7.52	3.44
NB-20	Shallow	10.02	9.54	0.48	10.02	0.00	9.11	0.91	9.58	0.44	10.11	-0.09	10.24	-0.22
NB-21	Shallow	8.04	8.43	-0.39	8.76	-0.72	7.93	0.11	8.37	-0.33	8.79	-0.75	8.99	-0.95
NB-22I	Upper Intermediate	7.21	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
NB-23	Shallow	7.35	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
NB-24I	Upper Intermediate	11.57	12.82	-1.25	12.82	-1.25	11.53	0.04	20.70	-9.13	11.52	0.05	11.34	0.23
NB-25	Shallow	10.69	NM	NM	9.53	1.16	8.80	1.89	9.11	1.58	9.23	1.46	9.61	1.08
NB-26I	Upper Intermediate	11.31	NM	NM	10.86	0.45	10.51	0.80	2.59	8.72	7.95	3.36	8.46	2.85
North Bayshore Extraction System (NBES) Wells														
E-1	Shallow	12.78	4.48	8.30	4.29	8.49	3.43	9.35	3.61	9.17	4.21	8.57	4.25	8.53
E-2	Shallow	12.54	4.69	7.85	4.47	8.07	3.69	8.85	4.18	8.36	4.42	8.12	4.52	8.02
E-3	Shallow	12.63	5.09	7.54	4.93	7.70	4.14	8.49	4.15	8.48	4.88	7.75	4.90	7.73
E-4	Shallow	13.64	7.11	6.53	5.83	7.81	5.20	8.44	5.65	7.99	5.81	7.83	5.84	7.80
E-5	Shallow	13.03	7.34	5.69	7.28	5.75	7.68	5.35	5.85	7.18	7.15	5.88	7.16	5.87
E-6	Shallow	12.60	7.04	5.56	6.91	5.69	6.43	6.17	6.75	5.85	6.85	5.75	6.83	5.77
E-7	Shallow	10.59	7.15	3.44	7.33	3.26	6.71	3.88	7.10	3.49	7.17	3.42	7.27	3.32
E-8	Shallow	7.46	5.77	1.69	6.11	1.35	4.68	2.78	3.83	3.63	7.23	0.23	NM	NM
E-9	Shallow	7.83	6.96	0.87	7.21	0.62	6.40	1.43	6.80	1.03	7.12	0.71	7.47	0.36
E-10	Upper Intermediate	12.57	4.62	7.95	4.41	8.16	3.59	8.98	3.98	8.59	4.26	8.31	4.32	8.25
E-11	Upper Intermediate	13.49	7.07	6.42	6.95	6.54	6.28	7.21	6.61	6.88	6.90	6.59	6.85	6.64
E-12	Upper Intermediate	12.99	7.10	5.89	6.92	6.07	6.41	6.58	5.61	7.38	6.79	6.20	6.84	6.15
E-13	Upper Intermediate	10.74	44.42	-33.68	43.65	-32.91	42.59	-31.85	42.04	-31.30	39.70	-28.96	45.24	-34.50
E-14	Upper Intermediate	11.24	6.08	5.16	6.25	4.99	5.68	5.56	5.85	5.39	6.20	5.04	6.30	4.94
E-15	Upper Intermediate	7.86	6.69	1.17	7.16	0.70	6.19	1.67	5.52	2.34	6.90	0.96	7.17	0.69
E-16	Shallow/Upper Intermediate	2.20	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
E-17	Shallow/Upper Intermediate	1.75	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
E-18	Shallow	9.82	8.19	1.63	8.43	1.39	7.62	2.20	8.01	1.81	8.14	1.68	8.51	1.31
E-19	Upper Intermediate	9.97	8.06	1.91	8.28	1.69	7.51	2.46	7.90	2.07	7.92	2.05	8.28	1.69
Spring Street Extraction System (SSES) Wells														
ES1S	Shallow	21.07	4.49	16.58	3.98	17.09	3.25	17.82	3.67	17.40	3.74	17.33	4.65	16.42
ES2S	Shallow	21.66	6.06	15.60	6.02	15.64	5.33	16.33	4.64	17.02	5.88	15.78	5.74	15.92
ES3I	Lower Intermediate	22.16	4.12	18.04	4.07	18.09	2.59	19.57	2.28	19.88	3.40	18.76	3.28	18.88
ES4I	Upper Intermediate	21.98	11.29	10.69	11.28	10.70	6.30	15.68	9.01	12.97	6.40	15.58	4.68	17.30
ES5S	Shallow	22.77	6.87	15.90	6.86	15.91	3.94	18.83	4.72	18.05	5.79	16.98	5.51	17.26
Spring Street Wells														
PS1S	Shallow	20.78	5.21	15.57	5.15	15.63	4.44	16.34	4.85	15.93	4.92	15.86	4.85	15.93
PS2S	Shallow	20.95	5.06	15.89	5.07	15.88	4.31	16.64	4.72	16.23	4.82	16.13	4.73	16.22
PS3I	Upper Intermediate	21.31	5.47	15.84	5.42	15.89	4.14	17.17	4.76	16.55	4.72	16.59	4.56	16.75
PS4S	Shallow	21.27	5.28	15.99	5.27	16.00	4.47	16.80	4.91	16.36	4.97	16.30	4.89	16.38
PS5I	Upper Intermediate	21.89	5.94	15.95	5.89	16.00	4.52	17.37	5.15	16.74	5.08	16.81	4.89	17.00
PS6S	Shallow	22.83	6.51	16.32	6.96	15.87	5.15	17.68	5.85	16.98	5.88	16.95	5.70	17.13
MS1S	Shallow	19.58	3.98	15.60	4.47	15.11	3.75	15.83	4.20	15.38	4.33	15.25	4.26	15.32
MS2I	Upper Intermediate	20.67	4.32	16.35	4.33	16.34	3.26	17.41	3.90	16.77	4.03	16.64	3.94	16.73
MS3I	Lower Intermediate	20.95	3.13	17.82	3.15	17.80	1.79	19.16	2.41	18.54	2.53	18.42	2.45	18.50
MS4S	Shallow	21.78	6.08	15.70	6.02	15.76	5.30	16.48	5.66	16.12	5.67	16.11	5.58	16.20
MS5I	Lower Intermediate	21.79	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MS6I	Lower Intermediate	22.71	7.84	14.87	7.82	14.89	5.07	17.64	5.79	16.92	5.61	17.10	5.34	17.37
MS7I	Upper Intermediate	22.07	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MS8I	Lower Intermediate	22.66	3.43	19.23	3.49	19.17	2.22	20.44	2.85	19.81	3.01	19.65	2.92	19.74
MS9S	Shallow	23.08	4.87	18.21	4.90	18.18	3.84	19.24	4.42	18.66	4.53	18.55	4.45	18.63
MS10S	Shallow	19.82	4.62	15.20	4.66	15.16	3.88	15.94	4.35	15.47	4.52	15.30	4.45	15.37

Table 3-2
Historical Groundwater Elevation Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Groundwater elevation data reported in feet above mean sea level

Well Identification	Designated Screen Zone	Well Elevation (ft msl)	17-May-07		29-Oct-07		30-May-08		03-Nov-08		11-May-09		09-Nov-09	
			Depth to Water (feet)	Water-Level Elevation (ft msl)	Depth to Water (feet)	Water-Level Elevation (ft msl)	Depth to Water (feet)	Water-Level Elevation (ft msl)	Depth to Water (feet)	Water-Level Elevation (ft msl)	Depth to Water (feet)	Water-Level Elevation (ft msl)	Depth to Water (feet)	Water-Level Elevation (ft msl)
Spectra-Physics Wells														
S-1	Shallow	35.55	7.34	28.21	7.63	27.92	7.66	27.89	7.55	28.00	7.71	27.84	8.02	27.53
S-2	Shallow	36.01	9.21	26.80	9.44	26.57	9.57	26.44	9.51	26.50	9.62	26.39	9.85	26.16
S-3	Shallow	32.38	8.20	24.18	8.37	24.01	8.50	23.88	8.65	23.73	8.69	23.69	8.82	23.56
S-4	Shallow	34.58	10.38	24.20	10.60	23.98	10.40	24.18	10.81	23.77	10.55	24.03	10.71	23.87
S-5	Shallow	32.89	9.03	23.86	9.22	23.67	9.34	23.55	9.36	23.53	9.38	23.51	9.55	23.34
S-6	Shallow	34.07	7.94	26.13	NM	NM	8.26	25.81	8.34	25.73	8.36	25.71	NM	NM
S-7	Shallow	32.65	6.41	26.24	6.59	26.06	6.69	25.96	6.66	25.99	6.80	25.85	6.97	25.68
S-8	Shallow	29.36	8.01	21.35	8.13	21.23	8.27	21.09	8.40	20.96	8.49	20.87	8.60	20.76
S-9	Shallow	28.53	6.75	21.78	6.95	21.58	6.98	21.55	7.16	21.37	7.20	21.33	7.35	21.18
S-10	Shallow	26.40	6.35	20.05	6.52	19.88	6.60	19.80	6.65	19.75	6.71	19.69	6.80	19.60
S-11	Shallow	26.16	5.37	20.79	5.51	20.65	5.63	20.53	5.75	20.41	5.84	20.32	5.91	20.25
S-12	Shallow	35.55	6.01	29.54	6.29	29.26	6.32	29.23	6.19	29.36	6.37	29.18	6.71	28.84
S-13	Upper Intermediate	29.34	7.37	21.97	7.51	21.83	7.65	21.69	7.69	21.65	7.82	21.52	7.92	21.42
S-14	Lower Intermediate	29.43	6.70	22.73	6.99	22.44	7.02	22.41	7.06	22.37	7.12	22.31	7.33	22.10
S-15I	Upper Intermediate	30.90	8.41	22.49	8.55	22.35	8.69	22.21	8.76	22.14	8.50	22.40	8.96	21.94
S-16I	Upper Intermediate	30.65	5.58	25.07	5.82	24.83	5.94	24.71	5.91	24.74	6.01	24.64	6.21	24.44
S-17	Shallow	30.81	7.58	23.23	7.69	23.12	7.89	22.92	7.96	22.85	7.99	22.82	8.07	22.74
S-18	Shallow	36.14	Dry	NA	NM	NM	8.78	27.36	8.73	27.41	8.83	27.31	8.75	27.39
S-18A	Shallow	36.11	8.13	27.98	8.44	27.67	8.43	27.68	8.44	27.67	8.48	27.63	9.10	27.01
S-19	Shallow	35.94	10.72	25.22	10.94	25.00	11.00	24.94	11.14	24.80	11.12	24.82	11.34	24.60
R-1	Shallow	31.97	8.71	23.26	8.86	23.11	8.97	23.00	9.14	22.83	9.15	22.82	9.29	22.68
R-2	Shallow	32.31	10.12	22.19	10.26	22.05	10.40	21.91	10.56	21.75	10.61	21.70	10.44	21.87
Teledyne Semiconductor Wells														
T-1	Shallow	27.87	7.00	20.87	7.14	20.73	7.25	20.62	7.38	20.49	7.43	20.44	7.53	20.34
T-2	Shallow	27.80	7.38	20.42	7.55	20.25	7.66	20.14	7.73	20.07	7.79	20.01	7.86	19.94
T-3	Shallow	28.44	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
T-4	Shallow	28.93	7.18	21.75	7.20	21.73	7.19	21.74	7.21	21.72	7.23	21.70	7.70	21.23
T-5	Upper Intermediate	27.87	6.36	21.51	6.66	21.21	6.79	21.08	6.80	21.07	6.86	21.01	7.02	20.85
T-6	Shallow	27.04	7.37	19.67	7.56	19.48	7.69	19.35	7.72	19.32	7.85	19.19	7.87	19.17
T-7	Lower Intermediate	27.72	6.68	21.04	7.08	20.64	7.29	20.43	7.30	20.42	7.40	20.32	7.58	20.14
T-8	Shallow	26.03	8.70	17.33	8.89	17.14	9.09	16.94	8.92	17.11	9.11	16.92	9.28	16.75
T-9	Lower Intermediate	27.69	5.69	22.00	6.04	21.65	6.24	21.45	6.27	21.42	6.35	21.34	6.57	21.12
T-10	Lower Intermediate	26.98	5.61	21.37	6.08	20.90	6.33	20.65	6.35	20.63	6.44	20.54	6.65	20.33
T-11	Upper Intermediate	26.24	8.22	18.02	8.50	17.74	8.70	17.54	8.55	17.69	8.71	17.53	8.92	17.32
T-12	Shallow	27.33	7.71	19.62	7.94	19.39	8.10	19.23	7.84	19.49	8.15	19.18	8.27	19.06
T-13	Lower Intermediate	27.40	7.29	20.11	7.74	19.66	7.89	19.51	7.61	19.79	7.91	19.49	8.03	19.37
T-14	Shallow	30.91	8.34	22.57	8.48	22.43	8.62	22.29	8.70	22.21	8.79	22.12	5.83	25.08
T-15	Shallow	29.79	8.26	21.53	8.44	21.35	8.50	21.29	8.68	21.11	8.75	21.04	8.85	20.94
T-19	Shallow	31.48	7.91	23.57	2.25	29.23	8.27	23.21	8.20	23.28	8.34	23.14	8.48	23.00
T-20	Shallow	29.10	7.41	21.69	7.57	21.53	7.78	21.32	7.73	21.37	7.87	21.23	8.00	21.10
25I	Upper Intermediate	31.17	7.54	23.63	7.80	23.37	7.87	23.30	7.53	23.64	7.88	23.29	8.03	23.14
T-31S	Shallow	27.32	8.52	18.80	8.73	18.59	8.92	18.40	8.70	18.62	8.96	18.36	9.05	18.27
T-32I	Upper Intermediate	24.54	6.88	17.66	7.08	17.46	10.54	14.00	6.95	17.59	5.94	18.60	5.88	18.66
T-33I	Upper Intermediate	26.34	7.76	18.58	NM	NM	8.17	18.17	7.89	18.45	8.17	18.17	NM	NM
T-34S	Shallow	29.03	7.10	21.93	7.15	21.88	7.39	21.64	7.50	21.53	7.55	21.48	7.58	21.45
RA-1	Shallow	25.28	7.51	17.77	7.78	17.50	8.06	17.22	7.40	17.88	7.98	17.30	8.09	17.19
VW-1	Vertical Extent	25.63	5.68	19.95	6.05	19.58	5.97	19.66	6.38	19.25	6.38	19.25	NM	NM
PZI-1	Upper Intermediate	26.82	8.65	18.17	8.94	17.88	9.08	17.74	8.99	17.83	9.18	17.64	9.18	17.64
PZ-1S	Shallow	27.84	NM	NM	NM	NM	9.58	18.26	9.49	18.35	9.63	18.21	NM	NM
PZ-2S	Shallow	26.80	8.33	18.47	8.52	18.28	8.68	18.12	8.61	18.19	8.76	18.04	8.85	17.95
PZ-3S	Shallow	25.55	7.91	17.64	8.08	17.47	8.24	17.31	8.11	17.44	8.30	17.25	8.41	17.14
PZ-4S	Shallow	26.88	6.83	20.05	6.99	19.89	7.14	19.74	7.20	19.68	7.27	19.61	7.33	19.55
PZ-5S	Shallow	27.17	7.54	19.63	7.71	19.46	7.92	19.25	7.92	19.25	8.03	19.14	8.07	19.10
PZ-6S	Shallow	23.31	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
PZ-7S	Shallow	25.56	7.33	18.23	7.53	18.03	7.68	17.88	7.50	18.06	7.72	17.84	NM	NM
North Bayshore Wells														
SP-1I	Upper Intermediate	13.23	5.81	7.42	5.86	7.37	5.93	7.30	5.78	7.45	6.06	7.17	6.03	7.20
SP-2I	Upper Intermediate	11.80	6.10	5.70	6.24	5.56	6.38	5.42	6.26	5.54	6.58	5.22	6.46	5.34
SP-3I	Upper Intermediate	9.72	6.48	3.24	6.42	3.30	NM	NM	NM	NM	NM	NM	NM	NM
SP-4I	Upper Intermediate	8.16	5.70	2.46	5.67	2.49	5.32	2.84	5.51	2.65	5.84	2.32	5.55	2.61
SP-5I	Upper Intermediate	8.49	7.48	1.01	7.49	1.00	7.13	1.36	7.22	1.27	7.44	1.05	7.25	1.24
SP-6I	Upper Intermediate	12.73	5.75	6.98	5.79	6.94	5.92	6.81	5.78	6.95	6.04	6.69	5.97	6.76
SP-10I	Upper Intermediate	13.98	8.37	5.61	8.34	5.64	8.40	5.58	8.28	5.70	8.40	5.58	8.37	5.61
NC1S	Shallow	9.37	14.63	-5.26	14.63	-5.26	14.55	-5.18	14.48	-5.11	14.54	-5.17	14.53	-5.16
NC2I	Upper Intermediate	9.37	14.66	-5.29	14.62	-5.25	14.57	-5.20	14.51	-5.14	14.57	-5.20	14.53	-5.16
NC3S	Shallow	5.19	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
NC4I	Upper Intermediate	4.95	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
NC5S	Shallow	5.45	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.97	-1.52
NC6I	Upper Intermediate	5.73	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.70	-0.97
NC7S	Shallow	5.20	NM	NM	NM	NM	7.60	-2.40	7.69	-2.49	7.68	-2.48	7.60	-2.40
NC8S	Shallow	9.73	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
NC9I	Upper Intermediate	9.82	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
W-1	Upper Intermediate	13.56	3.91	9.65	2.74	10.82	2.82	10.74	2.63	10.93	3.01	10.55	2.98	10.58
W-2	Shallow	18.55	7.59	10.96	7.56	10.99	7.61	10.94	7.23	11.32	7.53	11.02	7.47	11.08
W-2A	Upper Intermediate	18.31	7.96	10.35	7.90	10.41	8.01	10.30	7.64	10.67	7.91	10.40	7.88	10.43
W-3	Shallow	11.56	6.50	5.06	NM	NM	NM	NM	6.30	5.26	6.42	5.14	6.45	5.11
W-4	Shallow	15.16	12.99	2.17	12.89	2.27	13.21	1.95	12.93	2.23	13.20	1.96	13.18	1.98
W-4A	Upper Intermediate	15.06	12.88	2.18	12.80	2.26	13.20	1.86	12.89	2.17	13.16	1.90	13.15	1.91
W-5	Upper Intermediate	8.64	5.21	3.43	5.17	3.47	4.99	3.65	4.96	3.68	5.27	3.37	5.20	3.44
W-6	Shallow	8.04	6.69	1.35	6.70	1.34	6.50	1.54	6.71	1.33	6.63	1.41	6.62	1.42
W-6A	Upper Intermediate	7.91	6.61	1.30	6.63	1.28	6.46	1.45	6.38	1.53	6.55	1.36	6.51	1.40
W-7	Shallow	7.68	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
W-7A	Upper Intermediate	7.66	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
Well 21	Shallow	12.86	2.60	10.26	4.07	8.79	4.12	8.74	3.71	9.15	4.40	8.46	4.33	8.53
Well 22	Shallow	8.67	5.91	2.76	6.05	2.62	5.92	2.75	5.98	2.69	6.43	2.24	6.22	2.45
Well 23	Shallow	7.46	4.73	2.73	4.92	2.54	4.82	2.64	4.93	2.53	5.06	2.40	5.21	2.25
24S	Shallow	11.78	4.32	7.46	4.38	7.40	4.34	7.44	3.88	7.90	4.28	7.50	4.33	7.45
24I	Upper Intermediate	11.49	4.22	7.27	4.18	7.31	4.12	7.37	4.02	7.47	4.02	7.47	4.09	7.40

Table 3-2
Historical Groundwater Elevation Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Groundwater elevation data reported in feet above mean sea level

Well Identification	Designated Screen Zone	Well Elevation (ft msl)	17-May-07		29-Oct-07		30-May-08		03-Nov-08		11-May-09		09-Nov-09	
			Depth to Water (feet)	Water-Level Elevation (ft msl)	Depth to Water (feet)	Water-Level Elevation (ft msl)	Depth to Water (feet)	Water-Level Elevation (ft msl)	Depth to Water (feet)	Water-Level Elevation (ft msl)	Depth to Water (feet)	Water-Level Elevation (ft msl)	Depth to Water (feet)	Water-Level Elevation (ft msl)
North Bayshore Wells (continued)														
26S	Shallow	31.68	4.55	27.13	5.36	26.32	4.81	26.87	4.72	26.96	4.90	26.78	5.05	26.63
26I	Upper Intermediate	31.81	5.10	26.71	4.81	27.00	5.41	26.40	5.25	26.56	5.45	26.36	5.65	26.16
27I	Upper Intermediate	13.17	8.87	4.30	NM	NM	8.20	4.97	8.57	4.60	8.85	4.32	8.84	4.33
28S	Shallow	5.82	7.25	-1.43	7.26	-1.44	6.96	-1.14	7.01	-1.19	7.05	-1.23	7.06	-1.24
28I	Upper Intermediate	5.87	7.18	-1.31	7.20	-1.33	6.86	-0.99	6.69	-0.82	7.01	-1.14	7.03	-1.16
29S	Shallow	19.95	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
29I	Upper Intermediate	20.14	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
30S	Shallow	8.73	7.34	1.39	7.39	1.34	7.26	1.47	7.02	1.71	7.19	1.54	7.23	1.50
30I	Upper Intermediate	8.75	7.44	1.31	7.49	1.26	7.39	1.36	7.11	1.64	7.30	1.45	7.32	1.43
VW-2	Vertical Extent	12.87	4.11	8.76	4.16	8.71	4.21	8.66	4.10	8.77	4.28	8.59	4.27	8.60
VW-3	Vertical Extent	11.67	6.05	5.62	NM	NM	5.88	5.79	5.81	5.86	6.27	5.40	6.05	5.62
VW-4	Vertical Extent	9.07	1.36	7.71	1.31	7.76	1.38	7.69	1.62	7.45	1.54	7.53	1.56	7.51
NB-1I	Upper Intermediate	14.10	NM	NM	5.63	8.47	NM	NM	12.46	1.64	4.92	9.18	5.71	8.39
NB-2	Shallow	14.42	5.10	9.32	5.13	9.29	5.27	9.15	5.00	9.42	5.35	9.07	5.26	9.16
NB-3I	Upper Intermediate	13.08	5.05	8.03	5.07	8.01	5.03	8.05	4.86	8.22	5.29	7.79	5.19	7.89
NB-4	Shallow	12.68	5.33	7.35	5.36	7.32	4.41	8.27	4.27	8.41	5.49	7.19	5.47	7.21
NB-5	Shallow	13.53	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
NB-6	Shallow	13.77	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
NB-7	Shallow	11.58	6.52	5.06	5.23	6.35	5.39	6.19	6.29	5.29	5.53	6.05	NM	NM
NB-8	Shallow	11.84	NM	NM	NM	NM	NM	NM	NM	NM	6.64	5.20	NM	NM
NB-9	Shallow	9.00	7.29	1.71	7.27	1.73	6.91	2.09	7.06	1.94	7.38	1.62	7.13	1.87
NB-10I	Upper Intermediate	2.49	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
NB-11	Shallow	2.48	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
NB-13I	Upper Intermediate	13.33	8.03	5.30	8.03	5.30	7.96	5.37	7.70	5.63	7.96	5.37	7.88	5.45
NB-14	Shallow	12.32	7.03	5.29	7.05	5.27	7.02	5.30	6.79	5.53	6.85	5.47	NM	NM
NB-15	Shallow	13.82	8.70	5.12	8.68	5.14	8.70	5.12	8.59	5.23	8.65	5.17	8.66	5.16
NB-16I	Upper Intermediate	12.94	6.47	6.47	6.34	6.60	6.58	6.36	6.33	6.61	6.63	6.31	6.55	6.39
NB-17	Shallow	12.93	6.39	6.54	6.37	6.56	6.50	6.43	6.27	6.66	6.55	6.38	6.49	6.44
NB-18I	Upper Intermediate	11.09	7.23	3.86	7.16	3.93	7.09	4.00	6.94	4.15	7.19	3.90	7.11	3.98
NB-19	Shallow	10.96	7.44	3.52	7.37	3.59	7.33	3.63	7.12	3.84	7.38	3.58	7.30	3.66
NB-20	Shallow	10.02	10.10	-0.08	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
NB-21	Shallow	8.04	8.83	-0.79	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
NB-22I	Upper Intermediate	7.21	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
NB-23	Shallow	7.35	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
NB-24I	Upper Intermediate	11.57	10.16	1.41	10.59	0.98	3.49	8.08	0.00	11.57	0.02	11.55	NM	NM
NB-25	Shallow	10.69	9.46	1.23	9.39	1.30	9.16	1.53	9.30	1.39	9.56	1.13	9.46	1.23
NB-26I	Upper Intermediate	11.31	9.75	1.56	9.60	1.71	9.50	1.81	9.15	2.16	11.11	0.20	11.04	0.27
North Bayshore Extraction System (NBES) Wells														
E-1	Shallow	12.78	4.10	8.68	3.03	9.75	3.04	9.74	2.77	10.01	3.33	9.45	4.54	8.24
E-2	Shallow	12.54	4.31	8.23	3.24	9.30	3.35	9.19	3.07	9.47	3.58	8.96	4.74	7.80
E-3	Shallow	12.63	4.62	8.01	3.52	9.11	3.67	8.96	3.37	9.26	3.84	8.79	5.03	7.60
E-4	Shallow	13.64	5.76	7.88	5.18	8.46	5.89	7.75	5.64	8.00	5.36	8.28	5.87	7.77
E-5	Shallow	13.03	7.05	5.98	5.83	7.20	5.93	7.10	5.75	7.28	5.95	7.08	7.13	5.90
E-6	Shallow	12.60	6.79	5.81	5.62	6.98	5.72	6.88	5.57	7.03	5.72	6.88	6.82	5.78
E-7	Shallow	10.59	7.18	3.41	6.10	4.49	6.03	4.56	5.78	4.81	6.03	4.56	7.01	3.58
E-8	Shallow	7.46	5.33	2.13	5.58	1.88	NM	NM	4.81	2.65	10.67	-3.21	4.08	3.38
E-9	Shallow	7.83	7.28	0.55	5.94	1.89	5.57	2.26	5.64	2.19	5.85	1.98	7.08	0.75
E-10	Upper Intermediate	12.57	3.92	8.65	3.15	9.42	3.26	9.31	2.97	9.60	3.40	9.17	4.34	8.23
E-11	Upper Intermediate	13.49	6.72	6.77	5.90	7.59	6.03	7.46	5.75	7.74	6.04	7.45	6.85	6.64
E-12	Upper Intermediate	12.99	6.72	6.27	5.71	7.28	5.73	7.26	5.52	7.47	5.76	7.23	6.76	6.23
E-13	Upper Intermediate	10.74	32.30	-21.56	39.97	-29.23	50.66	-39.92	32.64	-21.90	43.47	-32.73	43.02	-32.28
E-14	Upper Intermediate	11.24	6.11	5.13	6.36	4.88	6.18	5.06	4.76	6.48	5.21	6.03	6.30	4.94
E-15	Upper Intermediate	7.86	6.90	0.96	6.08	1.78	5.58	2.28	5.66	2.20	5.90	1.96	6.69	1.17
E-16	Shallow/Upper Intermediate	2.20	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
E-17	Shallow/Upper Intermediate	1.75	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
E-18	Shallow	9.82	8.33	1.49	8.27	1.55	8.04	1.78	8.15	1.67	8.44	1.38	8.32	1.50
E-19	Upper Intermediate	9.97	8.09	1.88	8.01	1.96	7.81	2.16	7.91	2.06	8.14	1.83	8.05	1.92
Spring Street Extraction System (SSES) Wells														
ES1S	Shallow	21.07	3.71	17.36	6.02	15.05	5.81	15.26	5.48	15.59	6.12	14.95	5.91	15.16
ES2S	Shallow	21.66	5.71	15.95	6.35	15.31	5.24	16.42	7.99	13.67	7.57	14.09	6.51	15.15
ES3I	Lower Intermediate	22.16	3.26	18.90	10.15	12.01	13.08	9.08	14.96	7.20	13.53	8.63	15.45	6.71
ES4I	Upper Intermediate	21.98	6.10	15.88	6.58	15.40	7.11	14.87	7.38	14.60	7.84	14.14	8.50	13.48
ES5S	Shallow	22.77	7.49	15.28	9.10	13.67	8.24	14.53	8.00	14.77	5.19	17.58	6.03	16.74
Spring Street Wells														
PS1S	Shallow	20.78	4.92	15.86	5.74	15.04	5.75	15.03	5.60	15.18	5.88	14.90	5.78	15.00
PS2S	Shallow	20.95	4.82	16.13	5.49	15.46	5.52	15.43	5.45	15.50	5.64	15.31	5.58	15.37
PS3I	Upper Intermediate	21.31	4.73	16.58	5.01	16.30	5.15	16.16	5.13	16.18	5.24	16.07	5.35	15.96
PS4S	Shallow	21.27	4.97	16.30	5.57	15.70	5.62	15.65	5.57	15.70	5.75	15.52	5.67	15.60
PS5I	Upper Intermediate	21.89	5.11	16.78	5.37	16.52	5.52	16.37	5.49	16.40	5.62	16.27	5.65	16.24
PS6S	Shallow	22.83	5.98	16.85	6.19	16.64	6.35	16.48	6.28	16.55	6.33	16.50	6.51	16.32
MS1S	Shallow	19.58	4.29	15.29	4.52	15.06	4.57	15.01	4.37	15.21	4.59	14.99	4.61	14.97
MS2I	Upper Intermediate	20.67	4.00	16.67	4.22	16.45	4.32	16.35	4.19	16.48	4.37	16.30	4.40	16.27
MS3I	Lower Intermediate	20.95	2.51	18.44	3.05	17.90	3.32	17.63	3.39	17.56	3.38	17.57	3.59	17.36
MS4S	Shallow	21.78	5.66	16.12	NM	NM	6.00	15.78	6.20	15.58	6.05	15.73	5.95	15.83
MS5I	Lower Intermediate	21.79	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MS6I	Lower Intermediate	22.71	5.62	17.09	5.89	16.82	6.09	16.62	5.98	16.73	6.15	16.56	6.23	16.48
MS7I	Upper Intermediate	22.07	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MS8I	Lower Intermediate	22.66	2.96	19.70	3.30	19.36	3.48	19.18	3.51	19.15	3.52	19.14	3.65	19.01
MS9S	Shallow	23.08	4.54	18.54	4.71	18.37	4.83	18.25	4.75	18.33	4.93	18.15	4.51	18.57
MS10S	Shallow	19.82	4.44	15.38	4.56	15.26	4.58	15.24	4.36	15.46	4.57	15.25	4.59	15.23

Table 3-2
Historical Groundwater Elevation Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Groundwater elevation data reported in feet above mean sea level

Well Identification	Designated Screen Zone	Well Elevation (ft msl)	24-May-10		09-Dec-10		16-May-11		10-Nov-11		10-Jun-12		20-Nov-12	
			Depth to Water (feet)	Water-Level Elevation (ft msl)	Depth to Water (feet)	Water-Level Elevation (ft msl)	Depth to Water (feet)	Water-Level Elevation (ft msl)	Depth to Water (feet)	Water-Level Elevation (ft msl)	Depth to Water (feet)	Water-Level Elevation (ft msl)	Depth to Water (feet)	Water-Level Elevation (ft msl)
Spectra-Physics Wells														
S-1	Shallow	35.55	7.56	27.99	10.38	25.17	7.21	28.34	7.44	28.11	7.77	27.78	7.89	27.66
S-2	Shallow	36.01	9.50	26.51	9.50	26.51	9.16	26.85	9.45	26.56	9.72	26.29	9.92	26.09
S-3	Shallow	32.38	8.63	23.75	8.71	23.67	8.43	23.95	8.68	23.70	8.92	23.46	8.96	23.42
S-4	Shallow	34.58	10.49	24.09	10.58	24.00	10.23	24.35	9.38	25.20	10.71	23.87	10.84	23.74
S-5	Shallow	32.89	9.33	23.56	9.40	23.49	9.18	23.71	10.53	22.36	9.65	23.24	9.55	23.34
S-6	Shallow	34.07	9.25	24.82	8.34	25.73	8.00	26.07	8.33	25.74	8.49	25.58	8.72	25.35
S-7	Shallow	32.65	6.64	26.01	6.64	26.01	6.42	26.23	6.60	26.05	6.81	25.84	7.15	25.50
S-8	Shallow	29.36	8.47	20.89	8.46	20.90	8.30	21.06	8.48	20.88	8.69	20.67	8.63	20.73
S-9	Shallow	28.53	7.18	21.35	7.26	21.27	7.06	21.47	7.40	21.13	7.57	20.96	7.72	20.81
S-10	Shallow	26.40	6.65	19.75	6.63	19.77	NM	NM	7.00	19.40	7.31	19.09	NM	NM
S-11	Shallow	26.16	5.81	20.35	5.79	20.37	NM	NM	5.97	20.19	6.19	19.97	6.09	20.07
S-12	Shallow	35.55	6.25	29.30	6.27	29.28	5.90	29.65	6.25	29.30	6.39	29.16	6.66	28.89
S-13	Upper Intermediate	29.34	7.75	21.59	7.75	21.59	7.58	21.76	7.67	21.67	7.84	21.50	7.89	21.45
S-14	Lower Intermediate	29.43	7.07	22.36	7.11	22.32	6.95	22.48	6.71	22.72	6.87	22.56	7.09	22.34
S-15I	Upper Intermediate	30.90	8.77	22.13	8.77	22.13	8.60	22.30	8.71	22.19	8.92	21.98	8.96	21.94
S-16I	Upper Intermediate	30.65	5.85	24.80	8.90	21.75	5.65	25.00	5.81	24.84	6.01	24.64	6.33	24.32
S-17	Shallow	30.81	7.85	22.96	7.90	22.91	7.75	23.06	7.88	22.93	8.13	22.68	8.10	22.71
S-18	Shallow	36.14	8.69	27.45	8.40	27.74	8.39	27.75	8.25	27.89	9.01	27.13	9.03	27.11
S-18A	Shallow	36.11	8.33	27.78	8.80	27.31	8.00	28.11	8.59	27.52	8.58	27.53	8.69	27.42
S-19	Shallow	35.94	11.02	24.92	11.11	24.83	10.80	25.14	11.02	24.92	11.31	24.63	11.42	24.52
R-1	Shallow	31.97	9.11	22.86	9.19	22.78	8.96	23.01	9.16	22.81	10.43	21.54	9.40	22.57
R-2	Shallow	32.31	10.60	21.71	10.62	21.69	10.49	21.82	10.67	21.64	10.98	21.33	10.86	21.45
Teledyne Semiconductor Wells														
T-1	Shallow	27.87	7.43	20.44	7.43	20.44	7.29	20.58	7.32	20.55	7.47	20.40	7.50	20.37
T-2	Shallow	27.80	7.73	20.07	7.73	20.07	7.58	20.22	7.57	20.23	7.81	19.99	7.81	19.99
T-3	Shallow	28.44	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
T-4	Shallow	28.93	7.78	21.15	7.68	21.25	7.49	21.44	7.55	21.38	7.91	21.02	7.63	21.30
T-5	Upper Intermediate	27.87	6.83	21.04	6.87	21.00	6.55	21.32	5.74	22.13	5.80	22.07	6.10	21.77
T-6	Shallow	27.04	7.74	19.30	7.70	19.34	7.40	19.64	7.89	19.15	8.14	18.90	8.13	18.91
T-7	Lower Intermediate	27.72	7.45	20.27	7.55	20.17	7.96	19.76	6.94	20.78	NA	NA	NA	NA
T-8	Shallow	26.03	8.95	17.08	8.94	17.09	8.52	17.51	9.59	16.44	9.34	16.69	9.72	16.31
T-9	Lower Intermediate	27.69	6.33	21.36	6.42	21.27	6.43	21.26	5.52	22.17	5.80	21.89	6.16	21.53
T-10	Lower Intermediate	26.98	6.55	20.43	6.64	20.34	6.52	20.46	6.54	20.44	7.01	19.97	7.35	19.63
T-11	Upper Intermediate	26.24	8.69	17.55	8.64	17.60	7.96	18.28	9.21	17.03	9.31	16.93	9.32	16.92
T-12	Shallow	27.33	7.93	19.40	7.88	19.45	7.76	19.57	8.00	19.33	8.42	18.91	8.45	18.88
T-13	Lower Intermediate	27.40	7.68	19.72	7.61	19.79	7.35	20.05	7.84	19.56	8.03	19.37	8.10	19.30
T-14	Shallow	30.91	8.67	22.24	8.73	22.18	8.50	22.41	8.60	22.31	8.88	22.03	8.97	21.94
T-15	Shallow	29.79	8.75	21.04	8.76	21.03	8.64	21.15	9.00	20.79	9.25	20.54	8.97	20.82
T-19	Shallow	31.48	8.13	23.35	2.33	29.15	NA	NA	NA	NA	2.73	28.75	NM	NM
T-20	Shallow	29.10	7.68	21.42	7.67	21.43	7.53	21.57	7.71	21.39	8.01	21.09	8.10	21.00
25I	Upper Intermediate	31.17	7.60	23.57	NM	NM	7.30	23.87	7.86	23.31	7.89	23.28	8.21	22.96
T-31S	Shallow	27.32	8.71	18.61	NM	NM	8.54	18.78	8.98	18.34	9.27	18.05	9.25	18.07
T-32I	Upper Intermediate	24.54	7.11	17.43	NM	NM	NM	NM	0.00	24.54	0.00	24.54	0.00	24.54
T-33I	Upper Intermediate	26.34	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
T-34S	Shallow	29.03	7.43	21.60	7.45	21.58	7.32	21.71	7.43	21.60	7.75	21.28	7.75	21.28
RA-1	Shallow	25.28	7.99	17.29	7.55	17.73	7.83	17.45	8.63	16.65	8.89	16.39	8.40	16.88
VW-1	Vertical Extent	25.63	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
PZI-1	Upper Intermediate	26.82	9.06	17.76	8.11	18.71	9.00	17.82	9.69	17.13	9.94	16.88	9.71	17.11
PZ-1S	Shallow	27.84	9.50	18.34	NM	NM	8.20	19.64	9.66	18.18	10.09	17.75	10.09	17.75
PZ-2S	Shallow	26.80	8.63	18.17	8.56	18.24	8.47	18.33	9.03	17.77	9.34	17.46	9.30	17.50
PZ-3S	Shallow	25.55	8.15	17.40	NM	NM	8.02	17.53	8.78	16.77	8.95	16.60	8.88	16.67
PZ-4S	Shallow	26.88	7.20	19.68	7.17	19.71	7.10	19.78	7.18	19.70	7.49	19.39	7.55	19.33
PZ-5S	Shallow	27.17	7.96	19.21	7.90	19.27	7.74	19.43	8.31	18.86	8.49	18.68	8.52	18.65
PZ-6S	Shallow	23.31	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
PZ-7S	Shallow	25.56	7.50	18.06	7.47	18.09	7.46	18.10	7.92	17.64	8.15	17.41	8.18	17.38
North Bayshore Wells														
SP-1I	Upper Intermediate	13.23	5.84	7.39	5.75	7.48	5.72	7.51	5.94	7.29	5.95	7.28	5.97	7.26
SP-2I	Upper Intermediate	11.80	6.30	5.50	6.24	5.56	6.25	5.55	6.40	5.40	6.44	5.36	6.50	5.30
SP-3I	Upper Intermediate	9.72	NM	NM	NM	NM	6.70	3.02	6.98	2.74	7.07	2.65	7.62	2.10
SP-4I	Upper Intermediate	8.16	5.57	2.59	5.55	2.61	5.50	2.66	5.79	2.37	5.85	2.31	6.46	1.70
SP-5I	Upper Intermediate	8.49	7.21	1.28	7.27	1.22	7.23	1.26	7.41	1.08	8.52	-0.03	9.12	-0.63
SP-6I	Upper Intermediate	12.73	5.83	6.90	6.09	6.64	5.69	7.04	5.96	6.77	6.97	5.76	5.97	6.76
SP-10I	Upper Intermediate	13.98	8.21	5.77	8.13	5.85	8.18	5.80	8.07	5.91	NA	NA	NA	NA
NC1S	Shallow	9.37	14.45	-5.08	14.52	-5.15	14.45	-5.08	14.51	-5.14	14.61	-5.24	14.61	-5.24
NC2I	Upper Intermediate	9.37	14.47	-5.10	14.50	-5.13	14.43	-5.06	14.55	-5.18	14.64	-5.27	14.60	-5.23
NC3S	Shallow	5.19	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
NC4I	Upper Intermediate	4.95	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
NC5S	Shallow	5.45	6.68	-1.23	6.52	-1.07	NM	NM	NM	NM	NM	NM	NM	NM
NC6I	Upper Intermediate	5.73	6.97	-1.24	6.86	-1.13	NM	NM	NM	NM	NM	NM	NM	NM
NC7S	Shallow	5.20	7.42	-2.22	7.56	-2.36	7.49	-2.29	7.71	-2.51	7.68	-2.48	7.87	-2.67
NC8S	Shallow	9.73	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
NC9I	Upper Intermediate	9.82	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
W-1	Upper Intermediate	13.56	2.85	10.71	2.76	10.80	2.74	10.82	3.17	10.39	3.04	10.52	3.15	10.41
W-2	Shallow	18.55	7.28	11.27	7.20	11.35	NA	NA	8.73	9.82	8.52	10.03	7.23	11.32
W-2A	Upper Intermediate	18.31	7.70	10.61	7.65	10.66	NA	NA	7.82	10.49	7.38	10.93	7.77	10.54
W-3	Shallow	11.56	6.18	5.38	6.15	5.41	6.23	5.33	5.17	6.39	6.02	5.54	6.45	5.11
W-4	Shallow	15.16	13.12	2.04	13.14	2.02	12.89	2.27	13.11	2.05	13.07	2.09	13.02	2.14
W-4A	Upper Intermediate	15.06	13.11	1.95	13.20	1.86	12.81	2.25	13.06	2.00	13.00	2.06	12.95	2.11
W-5	Upper Intermediate	8.64	5.11	3.53	5.18	3.46	5.07	3.57	5.50	3.14	5.27	3.37	5.57	3.07
W-6	Shallow	8.04	6.50	1.54	6.54	1.50	6.49	1.55	6.75	1.29	7.84	0.20	7.85	0.19
W-6A	Upper Intermediate	7.91	6.41	1.50	6.46	1.45	6.40	1.51	6.67	1.24	7.82	0.09	7.83	0.08
W-7	Shallow	7.68	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
W-7A	Upper Intermediate	7.66	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
Well 21	Shallow	12.86	4.14	8.72	4.09	8.77	4.11	8.75	4.38	8.48	4.20	8.66	4.34	8.52
Well 22	Shallow	8.67	6.10	2.57	6.16	2.51	6.18	2.49	6.50	2.17	6.09	2.58	6.72	1.95
Well 23	Shallow	7.46	5.10	2.36	5.06	2.40	4.90	2.56	5.30	2.16	5.07	2.39	4.99	2.47
24S	Shallow	11.78	4.00	7.78	3.72	8.06	3.91	7.87	4.27	7.51	4.46	7.32	3.89	7.89
24I	Upper Intermediate	11.49	3.84	7.65	3.54	7.95	2.97	8.52	3.55	7.94	3.98	7.51	4.00	7.49

Table 3-2
Historical Groundwater Elevation Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Groundwater elevation data reported in feet above mean sea level

Well Identification	Designated Screen Zone	Well Elevation (ft msl)	24-May-10		09-Dec-10		16-May-11		10-Nov-11		10-Jun-12		20-Nov-12	
			Depth to Water (feet)	Water-Level Elevation (ft msl)	Depth to Water (feet)	Water-Level Elevation (ft msl)	Depth to Water (feet)	Water-Level Elevation (ft msl)	Depth to Water (feet)	Water-Level Elevation (ft msl)	Depth to Water (feet)	Water-Level Elevation (ft msl)	Depth to Water (feet)	Water-Level Elevation (ft msl)
North Bayshore Wells (continued)														
26S	Shallow	31.68	4.65	27.03	4.66	27.02	4.33	27.35	4.60	27.08	NM	NM	NM	NM
26I	Upper Intermediate	31.81	5.24	26.57	5.21	26.60	5.88	25.93	5.14	26.67	NM	NM	NM	NM
27I	Upper Intermediate	13.17	8.55	4.62	8.22	4.95	8.43	4.74	7.90	5.27	8.70	4.47	8.86	4.31
28S	Shallow	5.82	6.95	-1.13	7.04	-1.22	6.93	-1.11	7.20	-1.38	NM	NM	NM	NM
28I	Upper Intermediate	5.87	6.80	-0.93	7.08	-1.21	6.80	-0.93	7.23	-1.36	NM	NM	NM	NM
29S	Shallow	19.95	NM	NM	5.24	14.71	5.18	14.77	6.71	13.24	5.48	14.47	NM	NM
29I	Upper Intermediate	20.14	NM	NM	NM	NM	5.05	15.09	6.59	13.55	5.36	14.78	NM	NM
30S	Shallow	8.73	7.10	1.63	7.11	1.62	7.00	1.73	7.51	1.22	7.38	1.35	7.40	1.33
30I	Upper Intermediate	8.75	7.27	1.48	6.96	1.79	7.23	1.52	7.44	1.31	7.50	1.25	7.50	1.25
VW-2	Vertical Extent	12.87	4.09	8.78	4.08	8.79	4.00	8.87	4.37	8.50	4.23	8.64	4.40	8.47
VW-3	Vertical Extent	11.67	5.70	5.97	5.60	6.07	5.70	5.97	5.70	5.97	6.12	5.55	6.10	5.57
VW-4	Vertical Extent	9.07	1.35	7.72	1.41	7.66	1.15	7.92	1.48	7.59	1.43	7.64	1.88	7.19
NB-1I	Upper Intermediate	14.10	5.66	8.44	4.83	9.27	6.21	7.89	5.91	8.19	5.51	8.59	4.99	9.11
NB-2	Shallow	14.42	5.23	9.19	5.10	9.32	5.02	9.40	5.51	8.91	5.06	9.36	5.20	9.22
NB-3I	Upper Intermediate	13.08	5.04	8.04	5.04	8.04	4.94	8.14	5.34	7.74	5.08	8.00	5.30	7.78
NB-4	Shallow	12.68	5.70	6.98	5.39	7.29	5.35	7.33	5.59	7.09	5.31	7.37	5.51	7.17
NB-5	Shallow	13.53	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
NB-6	Shallow	13.77	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
NB-7	Shallow	11.58	NM	NM	5.31	6.27	5.26	6.32	5.50	6.08	NM	NM	5.60	NM
NB-8	Shallow	11.84	NM	NM	NM	NM	NM	NM	6.59	5.25	5.51	6.33	6.76	5.08
NB-9	Shallow	9.00	7.14	1.86	7.17	1.83	7.09	1.91	7.30	1.70	7.46	1.54	5.08	3.92
NB-10I	Upper Intermediate	2.49	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
NB-11	Shallow	2.48	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
NB-13I	Upper Intermediate	13.33	7.71	5.62	7.63	5.70	7.70	5.63	7.69	5.64	8.15	5.18	8.06	5.27
NB-14	Shallow	12.32	6.75	5.57	6.61	5.71	6.68	5.64	6.73	5.59	7.26	5.06	4.10	8.22
NB-15	Shallow	13.82	8.50	5.32	8.31	5.51	8.43	5.39	8.28	5.54	8.60	5.22	8.54	5.28
NB-16I	Upper Intermediate	12.94	6.43	6.51	6.30	6.64	6.35	6.59	6.47	6.47	6.60	6.34	6.61	6.33
NB-17	Shallow	12.93	6.33	6.60	6.31	6.62	6.29	6.64	6.36	6.57	6.42	6.51	6.53	6.40
NB-18I	Upper Intermediate	11.09	7.00	4.09	6.91	4.18	6.99	4.10	7.03	4.06	7.43	3.66	7.30	3.79
NB-19	Shallow	10.96	7.23	3.73	7.10	3.86	7.20	3.76	7.29	3.67	7.69	3.27	7.40	3.56
NB-20	Shallow	10.02	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
NB-21	Shallow	8.04	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
NB-22I	Upper Intermediate	7.21	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
NB-23	Shallow	7.35	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
NB-24I	Upper Intermediate	11.57	0.50	11.07	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
NB-25	Shallow	10.69	9.30	1.39	11.55	-0.86	9.28	1.41	11.31	-0.62	13.70	-3.01	13.84	-3.15
NB-26I	Upper Intermediate	11.31	11.96	-0.65	9.48	1.83	11.70	-0.39	9.66	1.65	9.40	1.91	9.80	1.51
North Bayshore Extraction System (NBES) Wells														
E-1	Shallow	12.78	3.17	9.61	2.94	9.84	4.37	8.41	4.52	8.26	4.35	8.43	4.75	8.03
E-2	Shallow	12.54	3.35	9.19	3.26	9.28	3.33	9.21	3.48	9.06	3.43	9.11	4.78	7.76
E-3	Shallow	12.63	3.60	9.03	3.51	9.12	4.86	7.77	3.76	8.87	5.94	6.69	5.12	7.51
E-4	Shallow	13.64	5.73	7.91	5.58	8.06	5.65	7.99	5.81	7.83	5.89	7.75	5.90	7.74
E-5	Shallow	13.03	5.78	7.25	5.64	7.39	5.81	7.22	5.68	7.35	5.83	7.20	5.91	7.12
E-6	Shallow	12.60	5.56	7.04	5.41	7.19	5.48	7.12	5.42	7.18	5.55	7.05	5.60	7.00
E-7	Shallow	10.59	5.94	4.65	5.83	4.76	4.95	5.64	5.98	4.61	6.28	4.31	6.07	4.52
E-8	Shallow	7.46	5.14	2.32	4.79	2.67	4.82	2.64	4.84	2.62	4.30	3.16	6.60	0.86
E-9	Shallow	7.83	5.69	2.14	7.08	0.75	7.05	0.78	7.18	0.65	8.42	-0.59	8.90	-1.07
E-10	Upper Intermediate	12.57	3.14	9.43	3.00	9.57	4.13	8.44	3.38	9.19	4.30	8.27	4.50	8.07
E-11	Upper Intermediate	13.49	5.84	7.65	5.69	7.80	6.68	6.81	6.76	6.73	5.88	7.61	7.00	6.49
E-12	Upper Intermediate	12.99	5.51	7.48	5.47	7.52	6.56	6.43	9.86	3.13	6.70	6.29	6.80	6.19
E-13	Upper Intermediate	10.74	20.61	-9.87	19.03	-8.29	26.47	-15.73	4.21	6.53	27.70	-16.96	29.39	-18.65
E-14	Upper Intermediate	11.24	5.03	6.21	4.80	6.44	4.85	6.39	30.93	-19.69	4.99	6.25	5.60	5.64
E-15	Upper Intermediate	7.86	5.74	2.12	6.70	1.16	6.67	1.19	6.84	1.02	8.11	-0.25	8.70	-0.84
E-16	Shallow/Upper Intermediate	2.20	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
E-17	Shallow/Upper Intermediate	1.75	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
E-18	Shallow	9.82	8.18	1.64	8.28	1.54	8.18	1.64	8.43	1.39	8.26	1.56	8.80	1.02
E-19	Upper Intermediate	9.97	7.91	2.06	8.00	1.97	7.96	2.01	8.10	1.87	8.08	1.89	8.50	1.47
Spring Street Extraction System (SSES) Wells														
ES1S	Shallow	21.07	6.02	15.05	4.00	17.07	5.40	15.67	5.78	15.29	5.98	15.09	5.60	15.47
ES2S	Shallow	21.66	7.00	14.66	6.22	15.44	6.68	14.98	6.85	14.81	7.02	14.64	7.00	14.66
ES3I	Lower Intermediate	22.16	17.20	4.96	20.50	1.66	2.74	19.42	9.09	13.07	9.33	12.83	21.60	0.56
ES4I	Upper Intermediate	21.98	8.75	13.23	9.30	12.68	9.59	12.39	12.91	9.07	13.08	8.90	11.70	10.28
ES5S	Shallow	22.77	9.88	12.89	8.62	14.15	5.92	16.85	15.36	7.41	15.71	7.06	7.70	15.07
Spring Street Wells														
PS1S	Shallow	20.78	5.75	15.03	5.03	15.75	5.46	15.32	5.90	14.88	5.77	15.01	5.58	15.20
PS2S	Shallow	20.95	5.49	15.46	4.93	16.02	5.26	15.69	5.68	15.27	5.61	15.34	5.44	15.51
PS3I	Upper Intermediate	21.31	5.13	16.18	5.00	16.31	4.95	16.36	5.49	15.82	5.54	15.77	5.51	15.80
PS4S	Shallow	21.27	5.59	15.68	5.11	16.16	5.39	15.88	5.80	15.47	5.76	15.51	5.57	15.70
PS5I	Upper Intermediate	21.89	5.53	16.36	5.43	16.46	5.75	16.14	5.94	15.95	5.96	15.93	NM	NM
PS6S	Shallow	22.83	6.35	16.48	6.29	16.54	6.14	16.69	7.00	15.83	7.06	15.77	7.20	15.63
MS1S	Shallow	19.58	4.44	15.14	4.26	15.32	4.37	15.21	5.20	14.38	4.62	14.96	4.44	15.14
MS2I	Upper Intermediate	20.67	4.23	16.44	4.13	16.54	4.14	16.53	4.70	15.97	4.51	16.16	4.48	16.19
MS3I	Lower Intermediate	20.95	3.50	17.45	3.70	17.25	2.90	18.05	3.70	17.25	3.90	17.05	4.24	16.71
MS4S	Shallow	21.78	5.86	15.92	5.69	16.09	5.38	16.40	6.09	15.69	6.13	15.65	6.00	15.78
MS5I	Lower Intermediate	21.79	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	5.94	15.85
MS6I	Lower Intermediate	22.71	6.06	16.65	6.01	16.70	5.78	16.93	6.55	16.16	6.61	16.10	6.53	16.18
MS7I	Upper Intermediate	22.07	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MS8I	Lower Intermediate	22.66	3.44	19.22	3.39	19.27	3.17	19.49	3.72	18.94	3.69	18.97	3.47	19.19
MS9S	Shallow	23.08	4.83	18.25	4.79	18.29	4.65	18.43	5.22	17.86	6.12	16.96	5.11	17.97
MS10S	Shallow	19.82	4.30	15.52	4.38	15.44	4.42	15.40	5.98	13.84	6.27	13.55	4.97	14.85

Table 3-2
Historical Groundwater Elevation Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Groundwater elevation data reported in feet above mean sea level

Well Identification	Designated Screen Zone	Well Elevation (ft msl)	03-Jun-13		04-Nov-13		12-May-14		03-Dec-14		June-15	
			Depth to Water (feet)	Water-Level Elevation (ft msl)	Depth to Water (feet)	Water-Level Elevation (ft msl)	Depth to Water (feet)	Water-Level Elevation (ft msl)	Depth to Water (feet)	Water-Level Elevation (ft msl)	Depth to Water (feet)	Water-Level Elevation (ft msl)
Spectra-Physics Wells												
S-1	Shallow	35.55	7.76	27.79	8.18	27.37	8.51	27.04	6.00	29.55	NM	NM
S-2	Shallow	36.01	9.62	26.39	10.05	25.96	10.30	25.71	10.36	25.65	NM	NM
S-3	Shallow	32.38	8.72	23.66	8.82	23.56	9.25	23.13	9.08	23.30	NM	NM
S-4	Shallow	34.58	10.59	23.99	10.28	24.30	10.17	24.41	11.52	23.06	NM	NM
S-5	Shallow	32.89	9.22	23.67	9.59	23.30	9.72	23.17	10.03	22.86	NM	NM
S-6	Shallow	34.07	8.46	25.61	8.82	25.25	NA	NA	9.44	24.63	NM	NM
S-7	Shallow	32.65	6.81	25.84	7.18	25.47	7.43	25.22	7.30	25.35	8.07	24.58
S-8	Shallow	29.36	8.56	20.80	8.80	20.56	8.88	20.48	9.33	20.03	NM	NM
S-9	Shallow	28.53	7.54	20.99	7.85	20.68	7.94	20.59	8.22	20.31	NM	NM
S-10	Shallow	26.40	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
S-11	Shallow	26.16	6.10	20.06	6.36	19.80	6.38	19.78	8.82	17.34	NM	NM
S-12	Shallow	35.55	6.47	29.08	6.91	28.64	7.24	28.31	7.21	28.34	8.22	27.33
S-13	Upper Intermediate	29.34	7.75	21.59	8.07	21.27	8.12	21.22	8.61	20.73	NM	NM
S-14	Lower Intermediate	29.43	7.12	22.31	7.54	21.89	7.44	21.99	8.01	21.42	NM	NM
S-15I	Upper Intermediate	30.90	8.80	22.10	9.12	21.78	9.24	21.66	9.28	21.62	NM	NM
S-16I	Upper Intermediate	30.65	6.10	24.55	6.52	24.13	6.67	23.98	6.55	24.10	7.35	23.30
S-17	Shallow	30.81	7.98	22.83	8.29	22.52	8.43	22.38	8.37	22.44	NM	NM
S-18	Shallow	36.14	8.59	27.55	9.07	27.07	9.32	26.82	9.42	26.72	NM	NM
S-18A	Shallow	36.11	8.95	27.16	9.30	26.81	9.60	26.51	9.47	26.64	NM	NM
S-19	Shallow	35.94	11.20	24.74	11.12	24.82	10.83	25.11	12.08	23.86	NM	NM
R-1	Shallow	31.97	9.25	22.72	9.60	22.37	9.76	22.21	9.87	22.10	10.29	21.68
R-2	Shallow	32.31	10.73	21.58	NM	NM	10.19	22.12	NM	NM	NM	NM
Teledyne Semiconductor Wells												
T-1	Shallow	27.87	7.40	20.47	7.68	20.19	7.85	20.02	6.54	21.33	NM	NM
T-2	Shallow	27.80	6.32	21.48	8.09	19.71	6.75	21.05	7.87	19.93	8.56	19.24
T-3	Shallow	28.44	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
T-4	Shallow	28.93	7.44	21.49	7.95	20.98	7.84	21.09	7.73	21.20	8.20	20.73
T-5	Upper Intermediate	27.87	6.25	21.62	6.69	21.18	NA	NA	6.71	21.16	7.65	20.22
T-6	Shallow	27.04	8.02	19.02	8.37	18.67	8.43	18.61	7.75	19.29	NM	NM
T-7	Lower Intermediate	27.72	Dry	Dry	NA	NA	NA	NA	7.06	20.66	NM	NM
T-8	Shallow	26.03	9.69	16.34	9.90	16.13	10.07	15.96	9.16	16.87	NM	NM
T-9	Lower Intermediate	27.69	7.84	19.85	6.88	20.81	8.01	19.68	6.78	20.91	7.76	19.93
T-10	Lower Intermediate	26.98	7.23	19.75	7.56	19.42	7.64	19.34	7.44	19.54	NM	NM
T-11	Upper Intermediate	26.24	9.27	16.97	9.51	16.73	9.80	16.44	NM	NM	9.78	16.46
T-12	Shallow	27.33	8.46	18.87	8.82	18.51	8.77	18.56	7.69	19.64	NM	NM
T-13	Lower Intermediate	27.40	8.07	19.33	8.41	18.99	8.42	18.98	7.47	19.93	NM	NM
T-14	Shallow	30.91	8.77	22.14	9.10	21.81	9.16	21.75	9.11	21.80	9.64	21.27
T-15	Shallow	29.79	8.90	20.89	9.14	20.65	9.26	20.53	9.16	20.63	9.65	20.14
T-19	Shallow	31.48	7.52	23.96	8.80	22.68	8.89	22.59	8.73	22.75	NM	NM
T-20	Shallow	29.10	8.01	21.09	8.41	20.69	8.42	20.68	8.25	20.85	NM	NM
25I	Upper Intermediate	31.17	8.01	23.16	8.32	22.85	8.39	22.78	7.32	23.85	NM	NM
T-31S	Shallow	27.32	9.29	18.03	NA	NA	9.54	17.78	8.62	18.70	9.84	17.48
T-32I	Upper Intermediate	24.54	2.20	22.34	6.03	18.51	8.25	16.29	7.05	17.49	NM	NM
T-33I	Upper Intermediate	26.34	NM	NM	NA	NA	NA	NA	NA	NA	NM	NM
T-34S	Shallow	29.03	7.56	21.47	7.86	21.17	7.92	21.11	NA	NA	NM	NM
RA-1	Shallow	25.28	8.89	16.39	9.10	16.18	9.04	16.24	8.47	16.81	NM	NM
VW-1	Vertical Extent	25.63	NM	NM	NA	NA	NA	NA	NA	NA	NM	NM
PZI-1	Upper Intermediate	26.82	9.69	17.13	9.97	16.85	10.19	16.63	10.19	16.63	10.59	16.36
PZ-1S	Shallow	27.84	10.09	17.75	10.32	17.52	10.23	17.61	10.36	17.48	NM	NM
PZ-2S	Shallow	26.80	9.20	17.60	9.51	17.29	9.52	17.28	8.87	17.93	9.71	17.09
PZ-3S	Shallow	25.55	8.89	16.66	9.10	16.45	9.31	16.24	8.53	17.02	NM	NM
PZ-4S	Shallow	26.88	9.20	17.68	7.78	19.10	7.76	19.12	7.29	19.59	NM	NM
PZ-5S	Shallow	27.17	8.51	18.66	8.77	18.40	8.75	18.42	8.37	18.80	NM	NM
PZ-6S	Shallow	23.31	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
PZ-7S	Shallow	25.56	8.18	17.38	8.43	17.13	8.44	17.12	7.49	18.07	8.95	16.61
North Bayshore Wells												
SP-1I	Upper Intermediate	13.23	5.92	7.31	5.93	7.30	5.99	7.24	5.96	7.27	NM	NM
SP-2I	Upper Intermediate	11.80	6.60	5.20	6.56	5.24	6.67	5.13	26.81	-15.01	NM	NM
SP-3I	Upper Intermediate	9.72	7.04	2.68	7.21	2.51	7.57	2.15	7.31	2.41	NM	NM
SP-4I	Upper Intermediate	8.16	5.90	2.26	6.02	2.14	6.36	1.80	6.20	1.96	NM	NM
SP-5I	Upper Intermediate	8.49	8.70	-0.21	8.80	-0.31	8.84	-0.35	8.77	-0.28	NM	NM
SP-6I	Upper Intermediate	12.73	5.94	6.79	5.91	6.82	5.96	6.77	5.92	6.81	NM	NM
SP-10I	Upper Intermediate	13.98	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
NC1S	Shallow	9.37	14.44	-5.07	14.41	-5.04	14.39	-5.02	14.21	-4.84	14.20	-4.83
NC2I	Upper Intermediate	9.37	14.48	-5.11	14.42	-5.05	14.36	-4.99	14.22	-4.85	14.25	-4.88
NC3S	Shallow	5.19	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
NC4I	Upper Intermediate	4.95	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
NC5S	Shallow	5.45	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
NC6I	Upper Intermediate	5.73	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
NC7S	Shallow	5.20	7.69	-2.49	7.62	-2.42	7.63	-2.43	7.63	-2.43	NM	NM
NC8S	Shallow	9.73	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
NC9I	Upper Intermediate	9.82	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
W-1	Upper Intermediate	13.56	3.10	10.46	3.29	10.27	3.32	10.24	3.32	10.24	NM	NM
W-2	Shallow	18.55	7.60	10.95	7.61	10.94	7.77	10.78	5.99	12.56	NM	NM
W-2A	Upper Intermediate	18.31	7.93	10.38	7.99	10.32	7.98	10.33	7.02	11.29	NM	NM
W-3	Shallow	11.56	6.59	4.97	6.69	4.87	6.61	4.95	6.53	5.03	NM	NM
W-4	Shallow	15.16	13.18	1.98	13.14	2.02	13.21	1.95	13.02	2.14	NM	NM
W-4A	Upper Intermediate	15.06	13.12	1.94	13.10	1.96	13.14	1.92	12.92	2.14	NM	NM
W-5	Upper Intermediate	8.64	5.26	3.38	5.40	3.24	5.44	3.20	3.12	5.52	NM	NM
W-6	Shallow	8.04	7.81	0.23	7.82	0.22	7.90	0.14	7.92	0.12	NM	NM
W-6A	Upper Intermediate	7.91	7.84	0.07	7.88	0.03	7.87	0.04	7.84	0.07	NM	NM
W-7	Shallow	7.68	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
W-7A	Upper Intermediate	7.66	Destroyed		Destroyed		Destroyed		Destroyed		Destroyed	
Well 21	Shallow	12.86	4.30	8.56	4.86	8.00	4.33	8.53	4.24	8.62	NM	NM
Well 22	Shallow	8.67	6.30	2.37	6.62	2.05	6.65	2.02	6.47	2.20	NM	NM
Well 23	Shallow	7.46	5.12	2.34	5.10	2.36	5.18	2.28	5.18	2.28	NM	NM
24S	Shallow	11.78	4.46	7.32	4.65	7.13	4.47	7.31	4.14	7.64	NM	NM
24I	Upper Intermediate	11.49	4.01	7.48	4.39	7.10	4.42	7.07	4.21	7.28	NM	NM

Table 3-2
Historical Groundwater Elevation Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Groundwater elevation data reported in feet above mean sea level

Well Identification	Designated Screen Zone	Well Elevation (ft msl)	03-Jun-13 Depth to Water (feet)	03-Jun-13 Water-Level Elevation (ft msl)	04-Nov-13 Depth to Water (feet)	04-Nov-13 Water-Level Elevation (ft msl)	12-May-14 Depth to Water (feet)	12-May-14 Water-Level Elevation (ft msl)	03-Dec-14 Depth to Water (feet)	03-Dec-14 Water-Level Elevation (ft msl)	June-15 Depth to Water (feet)	June-15 Water-Level Elevation (ft msl)
North Bayshore Wells (continued)												
26S	Shallow	31.68	4.94	26.74	5.29	26.39	5.41	26.27	4.82	26.86	NM	NM
26I	Upper Intermediate	31.81	5.53	26.28	5.85	25.96	6.01	25.80	5.62	26.19	NM	NM
27I	Upper Intermediate	13.17	9.02	4.15	8.89	4.28	8.93	4.24	8.84	4.33	NM	NM
28S	Shallow	5.82	NM	NM	7.55	-1.73	NM	NM	7.54	-1.72	NM	NM
28I	Upper Intermediate	5.87	NM	NM	7.61	-1.74	NM	NM	7.58	-1.71	NM	NM
29S	Shallow	19.95	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
29I	Upper Intermediate	20.14	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
30S	Shallow	8.73	7.52	1.21	7.85	0.88	7.43	1.30	7.29	1.44	NM	NM
30I	Upper Intermediate	8.75	7.61	1.14	7.64	1.11	7.58	1.17	7.39	1.36	NM	NM
VW-2	Vertical Extent	12.87	4.76	8.11	4.40	8.47	4.43	8.44	4.50	8.37	NM	NM
VW-3	Vertical Extent	11.67	6.30	5.37	6.32	5.35	6.20	5.47	6.12	5.55	NM	NM
VW-4	Vertical Extent	9.07	1.68	7.39	1.70	7.37	1.77	7.30	2.21	6.86	NM	NM
NB-1I	Upper Intermediate	14.10	5.10	9.00	NA	NA	5.13	8.97	5.41	8.69	NM	NM
NB-2	Shallow	14.42	5.24	9.18	5.46	8.96	5.44	8.98	NA	NA	NM	NM
NB-3I	Upper Intermediate	13.08	5.53	7.55	5.58	7.50	5.65	7.43	5.36	7.72	NM	NM
NB-4	Shallow	12.68	5.50	7.18	5.55	7.13	5.49	7.19	5.77	6.91	NM	NM
NB-5	Shallow	13.53	NA	NA	NA	NA	NA	NA	5.75	7.78	NM	NM
NB-6	Shallow	13.77	NA	NA	NA	NA	NA	NA	NA	NA	NM	NM
NB-7	Shallow	11.58	6.64	4.94	5.52	6.06	6.75	4.83	5.47	6.11	NM	NM
NB-8	Shallow	11.84	5.54	6.30	NA	NA	NA	NA	NA	NA	NM	NM
NB-9	Shallow	9.00	7.50	1.50	7.69	1.31	7.97	1.03	7.75	1.25	NM	NM
NB-10I	Upper Intermediate	2.49	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
NB-11	Shallow	2.48	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
NB-13I	Upper Intermediate	13.33	8.20	5.13	8.23	5.10	8.20	5.13	8.10	5.23	NM	NM
NB-14	Shallow	12.32	7.23	5.09	7.30	5.02	7.33	4.99	7.11	5.21	NM	NM
NB-15	Shallow	13.82	8.70	5.12	8.74	5.08	8.66	5.16	8.60	5.22	NM	NM
NB-16I	Upper Intermediate	12.94	6.68	6.26	6.66	6.28	6.65	6.29	6.57	6.37	NM	NM
NB-17	Shallow	12.93	6.61	6.32	6.64	6.29	6.59	6.34	6.50	6.43	NM	NM
NB-18I	Upper Intermediate	11.09	7.44	3.65	7.44	3.65	7.49	3.60	7.34	3.75	NM	NM
NB-19	Shallow	10.96	7.65	3.31	7.68	3.28	7.73	3.23	7.50	3.46	NM	NM
NB-20	Shallow	10.02	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
NB-21	Shallow	8.04	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
NB-22I	Upper Intermediate	7.21	Destroyed		Destroyed		Destroyed		Destroyed		NM	NM
NB-23	Shallow	7.35	Destroyed		Destroyed		Destroyed		Destroyed		NM	NM
NB-24I	Upper Intermediate	11.57	NM	NM	NA	NA	NA	NA	NA	NA	NM	NM
NB-25	Shallow	10.69	9.48	1.21	11.54	-0.85	9.68	1.01	10.85	-0.16	NM	NM
NB-26I	Upper Intermediate	11.31	11.90	-0.59	9.60	1.71	10.42	0.89	9.67	1.64	NM	NM
North Bayshore Extraction System (NBES) Wells												
E-1	Shallow	12.78	4.50	8.28	4.47	8.31	4.44	8.34	4.49	8.29	4.54	8.24
E-2	Shallow	12.54	4.68	7.86	4.63	7.91	3.50	9.04	4.66	7.88	3.60	8.94
E-3	Shallow	12.63	5.00	7.63	5.09	7.54	3.77	8.86	5.11	7.52	5.02	7.61
E-4	Shallow	13.64	5.98	7.66	5.95	7.69	5.42	8.22	5.82	7.82	3.07	10.57
E-5	Shallow	13.03	7.21	5.82	7.20	5.83	5.88	7.15	5.97	7.06	NM	NM
E-6	Shallow	12.60	5.72	6.88	7.00	5.60	5.63	6.97	5.52	7.08	5.77	6.83
E-7	Shallow	10.59	6.31	4.28	7.25	3.34	6.33	4.26	6.22	4.37	0.80	9.79
E-8	Shallow	7.46	4.33	3.13	6.06	1.40	5.63	1.83	4.96	2.50	4.61	2.85
E-9	Shallow	7.83	8.48	-0.65	8.57	-0.74	8.64	-0.81	5.67	2.16	8.67	-0.84
E-10	Upper Intermediate	12.57	4.31	8.26	4.40	8.17	3.36	9.21	4.40	8.17	4.39	8.18
E-11	Upper Intermediate	13.49	6.98	6.51	7.01	6.48	5.93	7.56	7.01	6.48	6.92	6.57
E-12	Upper Intermediate	12.99	6.82	6.17	6.95	6.04	5.65	7.34	11.74	1.25	8.95	4.04
E-13	Upper Intermediate	10.74	39.38	-28.64	38.64	-27.90	37.70	-26.96	38.12	-27.38	22.78	-12.04
E-14	Upper Intermediate	11.24	5.14	6.10	6.34	4.90	5.29	5.95	30.80	-19.56	6.53	4.71
E-15	Upper Intermediate	7.86	8.14	-0.28	7.27	0.59	7.36	0.50	5.45	2.41	NM	NM
E-16	Shallow/Upper Intermediate	2.20	NM	NM	NM	NM	NM	NM	NM	NM	0.00	NM
E-17	Shallow/Upper Intermediate	1.75	NM	NM	NM	NM	NM	NM	NM	NM	0.00	0.00
E-18	Shallow	9.82	8.33	1.49	8.45	1.37	8.61	1.21	8.48	1.34	8.70	1.12
E-19	Upper Intermediate	9.97	8.08	1.89	8.19	1.78	8.40	1.57	7.25	2.72	8.20	1.77
Spring Street Extraction System (SSES) Wells												
ES1S	Shallow	21.07	5.33	15.74	5.35	15.72	5.28	15.79	4.83	16.24	2.49	18.58
ES2S	Shallow	21.66	6.98	14.68	8.18	13.48	6.12	15.54	6.00	15.66	7.09	14.57
ES3I	Lower Intermediate	22.16	29.42	-7.26	35.98	-13.82	29.03	-6.87	30.96	-8.80	NM	NM
ES4I	Upper Intermediate	21.98	4.91	17.07	8.72	13.26	9.15	12.83	9.81	12.17	NM	NM
ES5S	Shallow	22.77	5.72	17.05	9.78	12.99	10.82	11.95	9.73	13.04	11.72	11.05
Spring Street Wells												
PS1S	Shallow	20.78	5.69	15.09	5.70	15.08	5.73	15.05	5.56	15.22	5.59	15.19
PS2S	Shallow	20.95	5.54	15.41	5.59	15.36	5.62	15.33	5.55	15.40	NM	NM
PS3I	Upper Intermediate	21.31	5.60	15.71	5.68	15.63	6.78	14.53	5.88	15.43	5.88	15.43
PS4S	Shallow	21.27	5.72	15.55	5.79	15.48	5.83	15.44	5.80	15.47	NM	NM
PS5I	Upper Intermediate	21.89	6.00	15.89	6.08	15.81	6.24	15.65	6.31	15.58	NM	NM
PS6S	Shallow	22.83	6.92	15.91	7.08	15.75	7.27	15.56	7.21	15.62	7.23	15.60
MS1S	Shallow	19.58	4.62	14.96	4.72	14.86	4.65	14.93	4.67	14.91	4.84	14.74
MS2I	Upper Intermediate	20.67	4.59	16.08	4.68	15.99	4.75	15.92	5.01	15.66	4.99	15.68
MS3I	Lower Intermediate	20.95	4.36	16.59	4.61	16.34	4.87	16.08	5.17	15.78	NM	NM
MS4S	Shallow	21.78	6.18	15.60	6.25	15.53	6.26	15.52	6.22	15.56	NM	NM
MS5I	Lower Intermediate	21.79	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MS6I	Lower Intermediate	22.71	6.61	16.10	6.73	15.98	6.98	15.73	7.01	15.70	7.07	15.64
MS7I	Upper Intermediate	22.07	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MS8I	Lower Intermediate	22.66	3.89	18.77	4.11	18.55	4.22	18.44	4.60	18.06	NM	NM
MS9S	Shallow	23.08	5.18	17.90	5.33	17.75	5.39	17.69	5.62	17.46	NM	NM
MS10S	Shallow	19.82	4.92	14.90	4.88	14.94	4.68	15.14	4.97	14.85	NM	NM

Table 3-2
Historical Groundwater Elevation Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Groundwater elevation data reported in feet above mean sea level

Notes:

All groundwater elevation data reported in feet above mean sea level (ft msl)

NM = Not measured
RWQCB = Regional Water Quality Control Board

See LFR Levine•Fricke letter report dated October 27, 1992 and HMH Survey Report dated October 8, 1992

Table 3-3
Groundwater Monitoring Network - 2015 Annual Monitoring Event
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Well Identification	Designated Groundwater Zone	Current SMP Monitoring Frequency	Supplemental Well for VOC Analysis	Sample Well for MNA or ERD Analyses
Teledyne Semiconductor / Spectra-Physics Wells				
PZ-1S	S	--	ARCADIS	no
PZ-2S	S	semiannual	ARCADIS	MNA
PZ-5S	S	annual	ARCADIS	no
PZ-7S	S	--	ARCADIS	no
R-1	S	--	ARCADIS	no
S-3	S	annual	ARCADIS	no
S-7	S	--	ARCADIS	no
S-8	S	--	ARCADIS	no
S-9	S	annual	ARCADIS	no
S-12	S	semiannual	ARCADIS	MNA
S-17	S	--	ARCADIS	no
S-19	S	--	ARCADIS	no
S-18	S	annual	ARCADIS	no
S-18A	S	--	ARCADIS	no
T-2	S	--	ARCADIS	no
T-31S	S	--	ARCADIS	no
T-4	S	annual	ARCADIS	no
T-6S	S	--	FTC&H	no
T-15	S	--	ARCADIS	no
T-14	S	--	ARCADIS	no
T-20	S	annual	ARCADIS	no
T-31S	S	--	ARCADIS	no
MW-9S	S	--	FTC&H	ERD
MW-10S	S	--	FTC&H	ERD
MW-11S	S	--	FTC&H	ERD
MW-19S	S	--	FTC&H	ERD
MW-21S	S	--	FTC&H	ERD
MW-22US	S	--	FTC&H	ERD
MW-23US	S	--	FTC&H	ERD
A-25US	S	--	FTC&H	ERD
A-26US	S	--	FTC&H	ERD
B-8S	S	--	FTC&H	ERD
B-10S	S	--	FTC&H	ERD
B-15S	S	--	FTC&H	ERD
B-16S	S	--	FTC&H	ERD
B-18S	S	--	FTC&H	ERD
T-11	UI	semiannual	ARCADIS	MNA
S-15I	UI	annual	ARCADIS	no
S-16I	UI	semiannual	ARCADIS	MNA

Table 3-3
Groundwater Monitoring Network - 2015 Annual Monitoring Event
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Well Identification	Designated Groundwater Zone	Current SMP Monitoring Frequency	Supplemental Well for VOC Analysis	Sample Well for MNA or ERD Analyses
PZI-1	UI	--	FTC&H	ERD
MW-12UI	UI	--	FTC&H	ERD
MW-13UI	UI	--	FTC&H	ERD
MW-18UI	UI	--	FTC&H	ERD
S-13	UI	--	ARCADIS	no
T-5	UI	--	ARCADIS	no
S-14	LI	--	ARCADIS	no
MW-14LI	LI	--	FTC&H	ERD
MW-15LI	LI	--	FTC&H	ERD
MW-16LI	LI	--	FTC&H	ERD
MW-17LI	LI	--	FTC&H	ERD
MW-20LI	LI	--	FTC&H	ERD
A-8LI	LI	--	FTC&H	ERD
B-8LI	LI	--	FTC&H	ERD
B-16LI	LI	--	FTC&H	ERD
B-15LI	LI	--	FTC&H	ERD
B-18LI	LI	--	FTC&H	ERD
T-7	LI	--	ARCADIS	no
T-9	LI	--	ARCADIS	no
T-13	LI	annual	ARCADIS	no
North Bayshore Area Wells				
E-1	S	semiannual	ARCADIS	MNA*
E-2	S	semiannual	ARCADIS	MNA
E-3	S	semiannual	ARCADIS	MNA*
E-4	S	semiannual	ARCADIS	MNA*
E-5	S	semiannual	ARCADIS	MNA*
E-6	S	semiannual	ARCADIS	MNA*
E-7	S	semiannual	ARCADIS	MNA*
E-8	S	semiannual	ARCADIS	MNA*
E-9	S	semiannual	ARCADIS	MNA
E-18	S	semiannual	ARCADIS	no
NB-25	S	annual	ARCADIS	no
NC-1S	S	semiannual	ARCADIS	MNA
NC-7S	S	annual	ARCADIS	no
W-2	S	annual	ARCADIS	no
W-3	S	annual	ARCADIS	no
W-4	S	annual	ARCADIS	no
W-6	S	annual	ARCADIS	no
24S	S	annual	ARCADIS	no
28S	S	annual	ARCADIS	no

Table 3-3
Groundwater Monitoring Network - 2015 Annual Monitoring Event
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Well Identification	Designated Groundwater Zone	Current SMP Monitoring Frequency	Supplemental Well for VOC Analysis	Sample Well for MNA or ERD Analyses
30S	S	annual	ARCADIS	no
Well 21	S	annual	ARCADIS	no
Well 23	S	annual	ARCADIS	no
E-10	UI	semiannual	ARCADIS	MNA*
E-11	UI	semiannual	ARCADIS	MNA
E-12	UI	semiannual	ARCADIS	MNA*
E-13	UI	semiannual	ARCADIS	no
E-14	UI	semiannual	ARCADIS	MNA*
E-15	UI	semiannual	ARCADIS	MNA
E-19	UI	semiannual	ARCADIS	no
NB-26	UI	annual	ARCADIS	no
NC-2I	UI	semiannual	ARCADIS	MNA
W-1	UI	annual	ARCADIS	no
W-2A	UI	annual	ARCADIS	no
W-4A	UI	annual	ARCADIS	no
W-6A	UI	annual	ARCADIS	no
24I	UI	annual	ARCADIS	no
27I	UI	annual	ARCADIS	no
28I	UI	annual	ARCADIS	no
30I	UI	annual	ARCADIS	no
Spring Street Area Wells				
PS1S	S	--	ARCADIS	no
ES1S	S	semiannual	ARCADIS	no
ES2S	S	semiannual	ARCADIS	no
ES5S	S	semiannual	ARCADIS	no
MS-1S	S	--	ARCADIS	no
MS-9S	S	annual	ARCADIS	no
MS-10S	S	annual	ARCADIS	no
ES4I	UI	semiannual	ARCADIS	no
PS3I	UI	--	ARCADIS	no
ES3I	LI	annual	ARCADIS	no
MS-2I	LI	annual	ARCADIS	no
MS-6I	LI	--	ARCADIS	no

Table 3-3
Groundwater Monitoring Network - 2015 Annual Monitoring Event
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Notes:

MNA = Monitored Natural Attenuation
VOC = volatile organic compound

S denotes Shallow Zone
UI denotes Upper-Intermediate Zone
LI denotes Lower-Intermediate Zone

* = to be sampled for dissolved gases only

VOC analyses to be conducted using EPA Test Method 8260 with 8010 list compounds.
MNA analyses included in Table 2.

Table presents well network for the 2015 annual monitoring event (fourth quarter 2015).
Groundwater monitoring plan is subject to change based on current project needs,
provided agency approval is granted.

Table 3-4
Historical Water-Quality Data for On-Property and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Expressed in parts per million (ppm)

Well Number	Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Total VOCs
S-1	11/5/1984		1.5640	0.035	0.2400	0.0420	ND	ND	ND	ND	1.8810
	11/21/2002	(536)	0.0260	ND	ND	ND	ND	ND	ND	ND	0.0267
	12/2/1999	(414)	0.0314	ND	ND	ND	ND	ND	ND	ND	0.0324
	12/10/1998	(366)	0.0453	ND	ND	ND	ND	ND	ND	ND	0.0466
	11/25/1997		0.057	ND	ND	ND	ND	ND	ND	ND	0.0570
	5/1/1985		0.4300	0.067	0.0084	ND	ND	ND	ND	ND	0.5054
	10/13/1986		0.2700	0.007	0.0010	0.0010	ND	ND	ND	ND	0.2790
	10/13/1986		0.3800	ND	ND	ND	ND	ND	ND	ND	0.3800
	9/16/1987		0.2200	0.007	0.0020	0.0010	ND	ND	ND	ND	0.2300
	3/16/1988		0.2800	0.009	ND	ND	ND	ND	ND	ND	0.2889
	10/5/1988		0.2600	0.007	ND	ND	ND	ND	ND	ND	0.2673
	3/14/1989		0.2000	0.006	ND	ND	ND	ND	ND	ND	0.2057
	9/19/1989		0.1700	0.007	ND	ND	ND	ND	ND	ND	0.1769
	3/29/1990		0.2200	0.005	ND	ND	ND	ND	ND	ND	0.2253
	3/29/1990		0.2200	0.006	ND	ND	ND	ND	ND	ND	0.2258
	8/31/1990		0.2500	0.039	0.0018	0.0013	ND	ND	ND	ND	0.2921
	2/11/1991		0.3700	ND	ND	ND	ND	ND	ND	ND	0.3700
	8/26/1991		0.3600	0.007	ND	ND	ND	ND	ND	ND	0.3666
	8/26/1991		0.3200	0.006	ND	ND	ND	ND	ND	ND	0.3259
	2/20/1992		0.2200	ND	ND	ND	ND	ND	ND	ND	0.2200
	2/20/1992		0.2200	ND	ND	ND	ND	ND	ND	ND	0.2200
	8/31/1992		0.3800	ND	ND	ND	ND	ND	ND	ND	0.3800
	8/31/1992		0.4100	ND	ND	ND	ND	ND	ND	ND	0.4100
	3/4/1993		0.2500	ND	ND	ND	ND	ND	ND	ND	0.2500
	3/4/1993		0.2500	ND	ND	ND	ND	ND	ND	ND	0.2500
	8/27/1993		0.2100	ND	ND	ND	ND	ND	ND	ND	0.2100
	6/14/1994		0.1200	0.004	ND	ND	ND	ND	ND	ND	0.1236
	11/29/1994		0.1200	0.003	ND	ND	ND	ND	ND	ND	0.1230
	5/18/1995		0.0880	ND	ND	ND	ND	ND	ND	ND	0.0880
	11/29/1995		0.0750	0.001	ND	ND	ND	ND	ND	ND	0.0762
	11/26/1996		0.049	ND	ND	ND	ND	ND	ND	ND	0.0490
	12/20/2000		0.0317	ND	ND	ND	ND	ND	ND	ND	0.0317
	12/3/2001		0.0210	ND	ND	ND	ND	ND	ND	ND	0.0210
S-2	10/16/1984	(1)	0.3210	0.019	0.0150	0.0110	0.0220	ND	ND	ND	0.4500
	11/5/1984		0.8070	0.286	0.0630	0.0540	0.2700	ND	ND	ND	1.4800
	5/1/1985		0.5400	0.130	0.2200	0.0520	0.1600	ND	ND	ND	1.1020
	10/13/1986		0.2600	0.037	0.0380	0.0140	ND	ND	ND	ND	0.3490
	10/13/1986		0.3200	0.150	0.0520	0.0580	0.1200	ND	ND	ND	0.7000
	4/16/1987		0.2000	0.022	ND	0.0230	0.0640	ND	ND	ND	0.3090
	9/17/1987		0.3100	0.023	ND	0.0260	0.0740	ND	ND	ND	0.4330
	3/16/1988		0.3200	0.042	ND	0.0340	0.0560	ND	ND	ND	0.4520
	10/5/1988		0.1800	0.023	ND	0.0110	0.0230	ND	ND	ND	0.2370
	3/14/1989		0.3700	0.110	0.0130	0.0210	0.0580	ND	ND	ND	0.5720
	9/22/1989		0.3100	0.110	0.0120	0.0200	0.0690	ND	ND	ND	0.5210
	9/22/1989		0.3300	0.120	0.0130	0.0240	0.0710	ND	ND	ND	0.5580
	3/30/1990		0.1400	0.084	0.0077	0.0200	0.0380	ND	ND	ND	0.2897
	8/31/1990		0.1600	0.230	0.0100	0.0190	0.0570	ND	ND	ND	0.4760
	2/12/1991		0.0920	0.350	ND	0.0190	0.0390	ND	ND	ND	0.5000
	8/28/1991		0.1000	0.360	ND	0.0160	0.0490	ND	ND	ND	0.5250
	8/28/1991		0.1000	0.350	ND	0.0150	0.0430	ND	ND	ND	0.5080
	2/20/1992		0.0390	0.200	ND	ND	0.0220	ND	ND	ND	0.2610
	9/1/1992		0.0460	0.270	ND	0.0330	ND	ND	ND	ND	0.3490
	3/5/1993		0.0260	0.430	ND	ND	0.0340	ND	ND	ND	0.4900
	8/27/1993		0.0380	0.370	ND	0.0160	0.0440	ND	ND	ND	0.4680
	5/20/1994		0.0160	0.320	ND	0.0130	0.0300	ND	ND	ND	0.3790
	12/7/1994		ND	0.330	ND	ND	0.02	ND	ND	ND	0.3510
	5/19/1995		0.0170	0.260	ND	0.0110	0.02	ND	ND	ND	0.3090
	11/30/1995		0.0230	0.240	ND	0.0094	0.02	ND	ND	ND	0.2914
	11/26/1996		0.023	0.170	ND	0.0086	0.015	ND	ND	ND	0.2166
	11/25/1997		0.024	0.230	ND	0.0080	0.013	ND	ND	ND	0.2750
	11/25/1997		0.035	0.230	ND	0.0090	0.014	ND	ND	ND	0.2880
	12/10/1998		0.0529	0.0469	0.0017	0.0089	0.0094	ND	ND	ND	0.1198
	12/1/1999		0.0353	0.0999	ND	0.0098	0.0139	ND	ND	ND	0.1589
	12/21/2000		0.0282	0.1530	ND	0.0086	0.0140	ND	ND	ND	0.2038
	12/21/2000		0.0300	0.1430	ND	0.0078	0.0139	ND	ND	ND	0.1947
	12/3/2001		0.0320	0.2100	ND	0.0065	0.0130	ND	ND	ND	0.2615
	11/21/2002	(537)	0.0200	0.1300	0.0006	0.0064	0.0110	ND	ND	ND	0.1684
	12/27/2007		0.0005	0.0610	<0.0005	0.0052	0.0088	<0.005	<0.0005	<0.0005	0.0755

Table 3-4
Historical Water-Quality Data for On-Property and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Expressed in parts per million (ppm)

Well Number	Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Total VOCs
S-3	10/16/1984		0.1360	ND	ND	ND	ND	ND	ND	ND	0.1360
	11/5/1984		1.5500	ND	ND	ND	ND	ND	ND	ND	1.5500
	5/1/1985		2.0000	0.016	0.0027	0.0023	ND	ND	ND	ND	2.0210
	10/13/1986		0.9100	0.019	0.0020	0.0020	ND	ND	ND	ND	0.9330
	10/13/1986		ND	ND	ND	2.4000	ND	ND	ND	ND	2.4000
	4/16/1987		0.8200	ND	ND	0.0340	ND	ND	ND	ND	0.8540
	9/17/1987		0.8700	ND	ND	ND	ND	ND	ND	ND	0.8700
	3/17/1988		1.4000	0.049	ND	ND	ND	ND	ND	ND	1.4490
	6/10/1988		1.8000	0.031	ND	ND	ND	ND	ND	ND	1.8310
	10/4/1988		1.0000	0.038	ND	ND	ND	ND	ND	ND	1.0380
	3/14/1989		1.5000	0.081	ND	ND	ND	ND	ND	ND	1.5810
	9/19/1989		1.0000	0.097	ND	ND	ND	ND	ND	ND	1.0970
	3/30/1990		1.3000	0.099	ND	ND	ND	ND	ND	ND	1.3990
	9/4/1990		1.3000	0.092	ND	ND	ND	ND	ND	ND	1.3920
	9/4/1990		1.3000	0.088	ND	ND	ND	ND	ND	ND	1.3880
	2/12/1991		1.4000	0.094	ND	ND	ND	ND	ND	ND	1.4940
	8/28/1991		1.1000	0.070	ND	ND	ND	ND	ND	ND	1.1700
	8/28/1991		1.1000	0.063	ND	ND	ND	ND	ND	ND	1.1630
	2/20/1992		0.8500	0.090	ND	ND	ND	ND	ND	ND	0.9400
	9/2/1992		1.5000	0.100	ND	ND	ND	ND	ND	ND	1.6000
	9/2/1992		1.5000	0.056	ND	ND	ND	ND	ND	ND	1.5560
	3/5/1993		0.9100	0.110	ND	ND	ND	ND	ND	ND	1.0200
	8/27/1993		0.7500	0.097	ND	ND	ND	ND	ND	ND	0.8470
	8/27/1993		0.7200	0.095	ND	ND	ND	ND	ND	ND	0.8150
	5/20/1994		0.5200	0.120	ND	ND	ND	ND	ND	ND	0.6400
	5/20/1994		0.5700	0.140	ND	ND	ND	ND	ND	ND	0.7100
	12/7/1994		0.4900	0.180	ND	ND	ND	ND	ND	ND	0.6700
	12/7/1994		0.5200	0.170	ND	ND	ND	ND	ND	ND	0.6900
	5/18/1995	(236)	0.2800	0.063	ND	ND	ND	ND	ND	ND	0.3550
	5/18/1995		0.3100	0.067	ND	ND	ND	ND	ND	ND	0.3770
	11/30/1995		0.2400	0.043	ND	ND	ND	ND	ND	ND	0.2830
	11/26/1996		0.170	0.041	ND	ND	ND	ND	ND	ND	0.2110
	11/26/1997		0.082	0.026	ND	ND	ND	ND	ND	ND	0.1080
	11/26/1997		0.082	0.026	ND	ND	ND	ND	ND	ND	0.1080
	12/10/1998		0.0916	0.0325	ND	ND	ND	0.00069	ND	ND	0.1248
	12/2/1999		0.0710	0.0871	ND	ND	ND	ND	ND	ND	0.1581
	12/21/2000		0.0582	0.2600	ND	ND	ND	ND	ND	ND	0.3182
	12/3/2001		0.0650	0.0350	ND	ND	ND	ND	ND	ND	0.1000
	11/21/2002	(538)	0.0570	0.1900	ND	0.0006	ND	ND	ND	ND	0.2493
	12/15/2003	(609)	0.0068	0.4200	ND	ND	ND	ND	ND	ND	0.4308
	12/2/2004	(636)	0.0029J	0.6100	ND	0.0018J	ND	ND	ND	ND	0.6217
	11/4/2005	(689)	0.0086	0.4700	ND	0.0015J	ND	ND	ND	ND	0.4858
	12/6/2006	(712)	0.0021J	0.4500	<0.0031	<0.0031	<0.0031	<0.031	<0.0031	<0.0031	0.4569
	12/6/2006	(713)	0.0016J	0.4600	<0.0031	<0.0031	<0.0031	<0.031	<0.0031	<0.0031	0.4671
	10/31/2007	(731)	<0.0025	0.3800	<0.0025	<0.0025	<0.0025	<0.025	<0.0025	<0.0025	0.3867
	12/27/2007	(747)	0.0042	0.3800	<0.0005	0.0012	<0.0005	<0.005	<0.0005	0.0022	0.3916
	11/10/2008	(771)	0.0039	0.3500	<0.0025	0.0013J	<0.0025	<0.025	<0.0025	0.0013J	0.3616
	11/10/2009	(801)	<0.0025	0.4000	<0.0025	<0.0025	<0.0025	<0.025	<0.0025	<0.0025	0.4094
	12/14/2010	(811)	0.0009	0.2700	<0.0005	0.0013	<0.0005	<0.005	<0.0005	0.0022	0.2786
	11/14/2011		0.0005J	0.0560	<0.0005	0.0047	0.0074	<0.005	<0.0005	<0.0005	0.0686
	6/15/2012	(850)	0.0008	0.2600	<0.0005	0.0008	<0.0005	<0.005	<0.0005	0.0027	0.2670
	11/26/2012	(861)	<0.0007	0.2600	<0.0007	0.0008	<0.0007	<0.0029	<0.0007	0.0051	0.2708
	6/6/2013	(876)	<0.0017	0.280	<0.0017	<0.0017	<0.0017	<0.0067	<0.0017	0.0058	0.2891
	11/8/2013	(888)	<0.0017	0.3300	<0.0017	<0.0017	<0.0017	<0.0067	<0.0017	0.0060	0.3433
	11/8/2013	(889)	<0.0017	0.2200	<0.0017	0.0009J	<0.0017	<0.0067	<0.0017	0.0068	0.2326
	5/16/2014	(910)	0.0006 J	0.250	<0.0007	0.0007	<0.0007	<0.0029	<0.0007	0.0092	0.2639
	5/16/2014	(911)	0.0006	0.240	<0.0005	0.0010	<0.0005	<0.002	<0.0005	0.014	0.2586
	12/9/2014	(936)	<0.0020	0.270	<0.0020	<0.0020	<0.0020	<0.0080	<0.0020	0.010	0.2866
	12/9/2014	(937)	<0.0020	0.280	<0.0020	<0.0020	<0.0020	<0.0080	<0.0020	0.0078	0.2918
	6/28/2015	(962)	0.001 J	0.210	<0.0017	<0.0017	<0.0017	<0.0067	<0.0017	0.0073	0.2203
S-4	11/5/1984		0.1350	ND	ND	ND	ND	ND	ND	ND	0.1350
	4/30/1985		0.0073	ND	ND	ND	ND	ND	ND	ND	0.0073
	10/13/1986		0.0090	ND	ND	ND	ND	ND	ND	ND	0.0090
	10/13/1986		0.0090	ND	ND	ND	ND	ND	ND	ND	0.0090
	9/16/1987		0.0070	ND	ND	ND	ND	ND	ND	ND	0.0070
	3/17/1988		0.0074	ND	ND	ND	ND	NA	ND	ND	0.0074
	10/5/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/5/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/18/1989		ND	ND	ND	0.0008	ND	ND	ND	ND	0.0008
	9/4/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/28/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/1/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/27/1993	(176)	0.0120	ND	0.0010	ND	ND	ND	ND	ND	0.0130
	12/7/1994		0.0090	ND	ND	ND	ND	ND	ND	ND	0.0090
	11/30/1995		0.0054	ND	ND	ND	ND	ND	ND	ND	0.0054
	11/26/1996		0.0044	ND	ND	ND	ND	ND	ND	ND	0.0044
	11/26/1997		0.0025	ND	ND	ND	ND	ND	ND	ND	0.0025

Table 3-4
Historical Water-Quality Data for On-Property and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Expressed in parts per million (ppm)

Well Number	Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Total VOCs
S-4	12/10/1998		0.00288	ND	ND	ND	ND	ND	ND	ND	0.0029
	12/2/1999		0.0026	ND	ND	ND	ND	ND	ND	ND	0.0026
	12/21/2000		0.0019	ND	ND	ND	ND	ND	ND	ND	0.0019
	12/3/2001		0.0019	ND	ND	ND	ND	ND	ND	ND	0.0019
	11/21/2002		0.0020	ND	ND	ND	ND	ND	ND	ND	0.0020
	12/27/2007		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	ND
S-5	11/5/1984		0.0240	ND	ND	ND	ND	ND	ND	ND	0.0240
	4/30/1985		ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/13/1986		ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/13/1986		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/16/1987		0.0010	ND	ND	ND	ND	ND	ND	ND	0.0010
	10/6/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/19/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/4/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/27/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/1/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/30/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/7/1994		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/30/1995		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/26/1996		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/26/1997		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/10/1998		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/2/1999		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/21/2000		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/4/2001		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/22/2002		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/22/2002	Dup	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-6	11/5/1984		0.0120	ND	ND	ND	ND	ND	ND	ND	0.0120
	5/1/1985		0.0033	ND	ND	ND	ND	ND	ND	ND	0.0033
	9/16/1987		0.0010	ND	ND	ND	ND	ND	ND	ND	0.0010
	10/6/1988		0.0016	ND	ND	ND	ND	ND	ND	ND	0.0016
	9/18/1989		0.0067	ND	ND	ND	ND	ND	ND	ND	0.0067
	9/4/1990		0.0300	ND	ND	ND	ND	ND	ND	ND	0.0300
	8/27/1991		0.0350	ND	ND	ND	ND	ND	ND	ND	0.0350
	9/2/1992		0.0240	ND	ND	ND	ND	ND	ND	ND	0.0240
	8/27/1993		0.0019	ND	ND	ND	ND	ND	ND	ND	0.0019
	12/7/1994		0.0013	ND	ND	ND	ND	ND	ND	ND	0.0013
	11/29/1995		0.0007	ND	ND	ND	ND	ND	ND	ND	0.0007
	11/26/1996	(271)	0.00078	ND	ND	ND	ND	ND	ND	ND	0.0027
	11/25/1997	(330)	0.00060	ND	ND	ND	ND	ND	ND	ND	0.0046
	12/10/1998	(370)	ND	ND	ND	ND	ND	ND	ND	ND	0.0021
	12/2/1999	(417)	0.0009	ND	ND	ND	ND	ND	ND	ND	0.0022
	12/21/2000		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/3/2001	(475)	0.0005	ND	ND	ND	ND	ND	ND	ND	0.0015
	12/27/2007	(753)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0007
S-7	10/16/1984		0.1880	ND	ND	ND	ND	ND	ND	ND	0.1880
	11/5/1984		0.0080	ND	ND	ND	ND	ND	ND	ND	0.0080
	5/2/1985		0.0710	ND	ND	ND	ND	ND	ND	ND	0.0710
	5/2/1985		0.0820	ND	ND	ND	ND	ND	ND	ND	0.0820
	10/13/1986		0.0300	ND	ND	ND	ND	ND	ND	ND	0.0300
	10/13/1986		0.0240	ND	ND	ND	ND	ND	ND	ND	0.0240
	10/2/1987		0.0040	ND	ND	ND	ND	ND	ND	ND	0.0040
	3/15/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/6/1988		0.0520	0.002	ND	0.0011	0.0011	ND	ND	ND	0.0562
	10/6/1988		0.0350	0.002	ND	0.0008	0.0009	ND	ND	ND	0.0384
	10/10/1989		0.0023	0.001	ND	ND	0.0024	ND	ND	ND	0.0055
	9/4/1990		0.1900	0.022	ND	0.0079	0.0220	ND	ND	ND	0.2419
	8/27/1991		0.2900	0.024	ND	0.0091	0.0160	ND	ND	ND	0.3391
S-7	9/1/1992		0.0910	0.007	ND	ND	0.0026	ND	ND	ND	0.1005
	8/27/1993		0.1500	0.027	ND	ND	ND	ND	ND	ND	0.1770
	12/7/1994		0.0470	0.013	ND	ND	ND	ND	ND	ND	0.0600
	11/30/1995	(244)	0.1500	0.078	ND	ND	0.0041	ND	ND	ND	0.2378
	11/30/1995	(243)	0.1500	0.079	ND	ND	0.0041	ND	ND	ND	0.2390
	11/27/1996		0.097	0.062	ND	ND	ND	ND	ND	ND	0.1590
	12/5/1997	(331)(332)	0.076	0.059	ND	0.0013	0.0030	ND	ND	ND	0.142
	12/9/1998	(379)	0.078	0.0371	ND	0.0145	0.00225	ND	ND	ND	0.1330
	12/1/1999		0.0670	0.0564	ND	ND	ND	ND	ND	ND	0.1234
	12/3/2001	(476)	0.0220	0.0290	ND	ND	0.0011	ND	ND	ND	0.0533
	11/22/2002	(561)	0.0360	0.0560	ND	0.0011	0.0017	ND	ND	ND	0.0948
	12/10/2014		0.0014	0.0005 J	<0.0005	<0.0005	<0.0005	<0.0020	<0.0005	<0.0005	0.0019
	7/1/2015		0.0032	0.0011	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0043

Table 3-4
Historical Water-Quality Data for On-Property and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Expressed in parts per million (ppm)

Well Number	Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Total VOCs
S-8	4/25/1985		2.7000	0.039	0.0130	ND	ND	ND	ND	ND	2.7520
	6/26/1985		2.4000	0.071	0.0070	0.0010	0.0050	0.011	ND	ND	2.4950
	10/2/1986		1.3000	0.035	0.0060	0.0010	ND	+	ND	ND	1.3420
	10/13/1986		1.8000	ND	ND	ND	ND	ND	ND	ND	1.8000
	4/16/1987		1.3000	ND	ND	ND	ND	ND	ND	ND	1.3000
	9/16/1987		1.1000	0.023	0.0110	0.0010	0.0020	0.005	ND	ND	1.1420
	9/16/1987		1.3000	0.028	0.0120	0.0010	0.0010	0.006	ND	ND	1.3480
	3/17/1988		1.4000	ND	ND	ND	ND	ND	ND	ND	1.4000
	6/10/1988		1.5000	0.032	ND	ND	ND	ND	ND	ND	1.5320
	10/4/1988		0.8200	0.032	ND	ND	ND	ND	ND	ND	0.8520
	3/14/1989		0.6100	0.024	ND	ND	ND	ND	ND	ND	0.6340
	9/18/1989	(39)	0.1300	0.006	ND	ND	ND	ND	ND	ND	0.1426
	4/4/1990		0.0430	0.003	ND	ND	ND	ND	ND	ND	0.0458
	9/7/1990	(68)	0.0340	ND	ND	ND	ND	ND	ND	ND	0.0400
	9/7/1990	(68)	0.0340	ND	ND	ND	ND	ND	ND	ND	0.0400
	9/7/1990	(67)	0.0340	ND	ND	ND	ND	ND	ND	ND	0.0407
	2/11/1991		0.0120	0.001	ND	ND	ND	ND	ND	ND	0.0131
	8/26/1991	(113)	0.0330	ND	ND	ND	ND	ND	ND	ND	0.0330
	2/19/1992		0.0150	0.001	ND	ND	ND	ND	ND	ND	0.0163
	8/31/1992		0.0420	ND	ND	ND	ND	ND	ND	ND	0.0420
	3/5/1993		0.2500	0.008	ND	ND	ND	ND	ND	ND	0.2581
	8/27/1993		0.6900	0.048	ND	ND	ND	ND	ND	ND	0.7380
	5/19/1994		0.4400	0.027	ND	ND	ND	ND	ND	ND	0.4670
	12/6/1994		0.5900	0.065	ND	ND	ND	ND	ND	ND	0.6550
	5/19/1995		0.4000	0.038	ND	ND	ND	ND	ND	ND	0.4380
	11/29/1995	(245)	0.4300	0.043	ND	ND	ND	ND	ND	ND	0.4750
	11/27/1996		0.210	0.025	ND	ND	ND	ND	ND	ND	0.2350
	11/24/1997		0.170	0.023	ND	ND	ND	NA	ND	ND	0.1930
	12/9/1998		0.161	0.0157	ND	ND	ND	ND	ND	ND	0.1767
	12/1/1999		0.1600	0.0131	ND	ND	ND	ND	ND	ND	0.1731
	12/20/2000		0.1120	0.0151	ND	ND	ND	ND	ND	ND	0.1271
	12/4/2001		0.1200	0.016	ND	ND	ND	0.0009	ND	ND	0.1369
	11/20/2002	(557)	0.1600	0.017	ND	ND	ND	ND	ND	ND	0.1770
	12/27/2007	(752)	0.0073	0.0028	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0107
	12/27/2007	(754)	0.0068	0.0025	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0103
	5/16/2014		0.0038	0.0006	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0044
	12/6/2014		0.0053	0.0016	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0069
	6/27/2015		0.0054	0.0018	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0072
S-9	5/13/1985		ND	ND	0.0030	ND	ND	ND	ND	ND	0.0030
	10/3/1986		0.0010	ND	0.0010	ND	ND	ND	ND	ND	0.0020
	10/3/1986		ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/13/1986		ND	ND	0.0010	ND	ND	ND	ND	ND	0.0010
	9/15/1987		ND	ND	0.0010	ND	ND	ND	ND	ND	0.0010
	3/15/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/6/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/15/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/20/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/26/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/6/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/13/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/13/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/27/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/19/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/31/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/4/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/27/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/19/1994	(211)	ND	ND	ND	ND	ND	ND	ND	ND	0.0006
	12/6/1994		ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/18/1995		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/29/1995		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/25/1996		0.00073	ND	ND	ND	ND	ND	ND	ND	0.00073
	11/24/1997		0.00080	ND	ND	ND	ND	ND	ND	ND	0.00080
	12/10/1998		0.00075	ND	ND	ND	ND	ND	ND	ND	0.0008
	12/10/1998		0.00074	ND	ND	ND	ND	ND	ND	ND	0.0007
	12/1/1999		0.0010	ND	ND	ND	ND	ND	ND	ND	0.0010
	12/21/2000		0.0009	ND	ND	ND	ND	ND	ND	ND	0.0009
	11/29/2001		0.0013	ND	ND	ND	ND	ND	ND	ND	0.0013
	11/20/2002		0.0009	ND	ND	ND	ND	ND	ND	ND	0.0009
	12/16/2003		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/16/2003		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/2/2004		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/4/2005		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/7/2006		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	ND
	10/31/2007		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	ND
	11/14/2008		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	ND
	11/10/2009		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	ND
	12/13/2010		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	ND

Table 3-4
Historical Water-Quality Data for On-Property and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Expressed in parts per million (ppm)

Well Number	Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Total VOCs
S-9	11/14/2011		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	ND
	11/26/2012		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	ND
	11/5/2013		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	ND
	5/16/2014		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	ND
	12/4/2014		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	ND
S-10	4/26/1985		ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/3/1986		ND	ND	ND	ND	ND	0.001	ND	ND	0.0010
	10/3/1986		ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/20/1987		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/15/1987		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/15/1987		ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/10/1988		ND	ND	ND	ND	ND	0.001	ND	ND	0.0007
	12/21/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/18/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/6/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/28/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/1/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/27/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/6/1994		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/29/1995		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/29/1995		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/27/1996		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/21/1997		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/10/1998		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/10/1998		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/1/1999		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/21/2000		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/4/2001		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/20/2002	(568)	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-11	5/28/1985		0.0060	ND	0.0190	ND	ND	ND	ND	ND	0.0250
	10/3/1986		0.0160	ND	0.0030	ND	ND	0.003	0.0010	ND	0.0230
	10/3/1986		0.0140	ND	0.0020	ND	ND	ND	ND	ND	0.0160
	9/16/1987		0.0140	ND	0.0010	ND	ND	0.001	0.0010	ND	0.0170
	3/15/1988		0.0120	ND	ND	ND	ND	ND	ND	ND	0.0120
	10/4/1988		0.0270	0.004	0.0022	ND	ND	ND	0.0012	ND	0.0342
	3/15/1989		0.0110	ND	ND	ND	ND	0.003	0.0011	ND	0.0148
	3/15/1989		0.0110	ND	0.0011	ND	ND	0.003	0.0012	ND	0.0158
	1/4/1990	(55) *	0.0074	ND	0.0009	ND	ND	0.002	0.0009	ND	0.0126
	1/4/1990	(54) *	0.0096	ND	0.0009	ND	ND	0.002	0.0010	ND	0.0149
	4/4/1990	(56)	0.0079	ND	0.0008	ND	ND	ND	0.0010	ND	0.0097
	8/28/1991		0.0091	ND	0.0005	ND	ND	0.001	0.0008	ND	0.0118
	3/17/1992		0.0120	ND	0.0006	ND	ND	0.002	0.0012	ND	0.0157
	8/31/1992		0.0100	ND	ND	ND	ND	0.001	ND	ND	0.0109
	3/4/1993		0.0130	ND	ND	ND	ND	0.001	ND	ND	0.0141
	8/27/1993		0.0099	0.006	ND	ND	ND	0.001	0.0009	ND	0.0172
	5/20/1994		0.0070	0.001	0.0007	ND	ND	0.001	0.0012	ND	0.0110
S-11	12/6/1994	(228)	0.0076	0.003	0.0006	ND	ND	0.001	0.0008	ND	0.0132
	12/6/1994	(227)	0.0081	0.003	0.0006	ND	ND	0.001	0.0010	ND	0.0139
	5/18/1995		0.0072	0.001	ND	ND	ND	ND	0.0006	ND	0.0090
	11/29/1995		0.0056	0.001	ND	ND	ND	ND	0.0006	ND	0.0072
	11/25/1996		0.0052	0.00089	ND	ND	ND	ND	0.00080	ND	0.0069
	11/21/1997		0.0046	0.00060	ND	ND	ND	ND	0.00070	ND	0.0059
	12/10/1998		0.00540	0.00560	ND	ND	ND	0.00058	0.00095	ND	0.0125
	12/10/1998		0.00555	0.0055	ND	ND	ND	0.00063	0.00098	ND	0.0127
	12/1/1999		0.00576	0.00112	ND	ND	ND	ND	0.00091	ND	0.0078
	12/21/2000		0.00422	0.00105	ND	ND	ND	ND	ND	ND	0.0053
	12/4/2001		0.0045	ND	ND	ND	ND	ND	0.0008	ND	0.0053
	11/20/2002	(569)	0.0049	ND	ND	ND	ND	ND	0.0005	ND	0.0054
	12/6/2014		0.0018	0.0011	<0.0005	<0.0005	<0.0005	<0.002	0.0003 J	<0.0005	0.0032
S-12	4/25/1985		ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/3/1986		0.0010	ND	0.0030	ND	ND	ND	ND	ND	0.0040
	10/3/1986		ND	ND	0.0020	ND	ND	ND	ND	ND	0.0020
	9/15/1987		ND	0.002	ND	ND	ND	ND	ND	ND	0.0020
	10/6/1988		ND	ND	0.0012	ND	ND	ND	ND	ND	0.0012
	9/18/1989		ND	ND	0.0014	ND	ND	ND	ND	ND	0.0014
	9/18/1989		ND	ND	0.0012	ND	ND	ND	ND	ND	0.0012
	8/31/1990		0.0012	ND	ND	ND	ND	ND	ND	ND	0.0012
	8/31/1990		0.0012	ND	ND	ND	ND	ND	ND	ND	0.0012
	8/26/1991		ND	ND	0.0006	ND	ND	ND	ND	ND	0.0006
	8/31/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/27/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/29/1994		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/30/1995		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/25/1996		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/24/1997		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/10/1998		ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 3-4
Historical Water-Quality Data for On-Property and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Expressed in parts per million (ppm)

Well Number	Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Total VOCs
S-12	12/2/1999		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/21/2000		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/3/2001		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/21/2002		ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/2/2003		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/31/2004		ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/24/2004	(623)	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/22/2004		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/2/2004		ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/10/2005		ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/10/2005		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/16/2005		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/2/2005		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/14/2006		ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/22/2006		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	ND
	9/20/2006		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	ND
	12/6/2006		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	ND
	5/21/2007		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	ND
	10/31/2007	(732)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0007
	12/27/2007	(750)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0006
	6/4/2008		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	ND
	11/5/2008		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	ND
	5/12/2009		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	ND
	11/12/2009		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	ND
	5/27/2010	(803)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	0.0006
	12/17/2010	(812)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	0.0011
	5/19/2011		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	ND
	11/18/2011		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	ND
	6/13/2012		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	ND
	11/30/2012		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	ND
	11/30/2012		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	ND
	6/7/2013		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	ND
	11/7/2013	(890)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0008J
	5/15/2014		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	ND
	12/4/2014		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	ND
	7/1/2015		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0000
S-13	6/6/1985		0.0054	ND	ND	ND	ND	ND	ND	ND	0.0054
	10/2/1986		0.0030	ND	ND	ND	ND	ND	ND	ND	0.0030
	10/13/1986		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/16/1987		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/15/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/4/1988		0.0038	ND	ND	ND	ND	ND	ND	ND	0.0038
	3/14/1989		0.0013	ND	ND	ND	ND	ND	ND	ND	0.0013
	3/14/1989		0.0011	ND	ND	ND	ND	ND	ND	ND	0.0011
	9/18/1989		0.0008	ND	ND	ND	ND	ND	ND	ND	0.0008
	4/4/1990		0.0011		ND	ND	ND	ND	ND	ND	0.0011
	10/9/1990		0.0031	ND	ND	ND	ND	ND	ND	ND	0.0031
	2/11/1991		0.0026	ND	ND	ND	ND	ND	ND	ND	0.0026
	2/11/1991		0.0024	ND	ND	ND	ND	ND	ND	ND	0.0024
	8/26/1991		0.0013	ND	ND	ND	ND	ND	ND	ND	0.0013

Table 3-4
Historical Water-Quality Data for On-Property and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Expressed in parts per million (ppm)

Well Number	Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Total VOCs
S-13	2/19/1992		0.0038	0.001	ND	ND	ND	ND	ND	ND	0.0047
	8/31/1992		0.0035	ND	ND	ND	ND	ND	ND	ND	0.0035
	3/5/1993		0.0008	ND	ND	ND	ND	ND	ND	ND	0.0008
	8/27/1993		0.0044	ND	ND	ND	ND	ND	ND	ND	0.0044
	8/27/1993		0.0044	ND	ND	ND	ND	ND	ND	ND	0.0044
	5/19/1994		0.0031	ND	ND	ND	ND	ND	ND	ND	0.0031
	12/6/1994		0.0024	ND	ND	ND	ND	ND	ND	ND	0.0024
	5/19/1995		0.0025	ND	ND	ND	ND	ND	ND	ND	0.0025
	11/29/1995		0.0007	ND	ND	ND	ND	ND	ND	ND	0.0007
	11/26/1996		0.0023	ND	ND	ND	ND	ND	ND	ND	0.0023
	11/24/1997		0.0031	ND	ND	ND	ND	ND	ND	ND	0.0031
	12/9/1998		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/1/1999		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/20/2000		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/4/2001		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/20/2002		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/6/2014		0.0004 J	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	0.0006	<0.0005	0.0010
	6/27/2015		0.0004 J	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	0.0006	<0.0005	0.0010
S-14	5/13/1985		ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/2/1986		ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/13/1986		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/16/1987		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/15/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/6/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/14/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/20/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/26/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/26/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/10/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/11/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/26/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/19/1992	(143)	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/31/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/5/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/27/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/20/1994		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/6/1994		ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/19/1995		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/30/1995		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/27/1996		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/25/1997		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/9/1998		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/1/1999		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/1/1999	Dup	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/20/2000		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/4/2001		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/20/2002		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/6/2014		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0020	<0.0005	<0.0005	ND
	6/27/2015		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.00
S-15I	2/1/1988		0.0160	ND	ND	ND	ND	ND	ND	ND	0.0160
	2/19/1988		0.0150	ND	ND	ND	ND	ND	ND	ND	0.0150
	3/15/1988	(2)	0.0200	ND	ND	ND	ND	ND	ND	ND	0.0210
	10/7/1988		0.0260	0.001	ND	ND	ND	ND	ND	ND	0.0267
	3/14/1989		0.0490	0.001	ND	ND	ND	ND	ND	ND	0.0499
	9/21/1989		0.1000	0.002	ND	ND	ND	ND	ND	ND	0.1018
	12/22/1989		0.0300	0.005	ND	ND	ND	ND	ND	ND	0.0350
	12/22/1989	*	0.0340	0.004	ND	ND	ND	ND	ND	ND	0.0380
	3/30/1990		0.0200	0.006	ND	ND	ND	ND	ND	ND	0.0260
	3/30/1990		0.0230	0.006	ND	ND	ND	ND	ND	ND	0.0291

Table 3-4
Historical Water-Quality Data for On-Property and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Expressed in parts per million (ppm)

Well Number	Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Total VOCs
S-15I	9/6/1990		0.0290	0.008	ND	ND	ND	ND	ND	ND	0.0366
	9/6/1990		0.0320	0.007	ND	ND	ND	ND	ND	ND	0.0390
	2/12/1991		0.0560	0.001	ND	ND	ND	ND	ND	ND	0.0570
	8/27/1991		0.0240	0.007	ND	ND	ND	ND	ND	ND	0.0310
	8/27/1991		0.0250	0.007	ND	ND	ND	ND	ND	ND	0.0321
	2/19/1992		0.0320	0.008	ND	ND	ND	ND	ND	ND	0.0402
	2/19/1992		0.0280	0.008	ND	ND	ND	ND	ND	ND	0.0357
	9/1/1992		0.0310	0.007	ND	ND	ND	ND	ND	ND	0.0382
	9/1/1992		0.0290	0.007	ND	ND	ND	ND	ND	ND	0.0356
	3/5/1993		0.0280	0.010	ND	ND	ND	ND	ND	ND	0.0380
	8/27/1993		0.0310	0.005	ND	ND	ND	ND	ND	ND	0.0364
	5/20/1994		0.0410	0.004	ND	ND	ND	ND	ND	ND	0.0447
	12/6/1994		0.0430	0.003	ND	ND	ND	ND	ND	ND	0.0462
	5/18/1995		0.0570	0.006	ND	ND	ND	ND	ND	ND	0.0627
	11/29/1995		0.0280	0.004	ND	ND	ND	ND	ND	ND	0.0318
	11/27/1996		0.022	0.0043	ND	ND	ND	ND	ND	ND	0.0263
	11/24/1997		0.020	0.0049	ND	ND	ND	ND	ND	ND	0.0249
	12/10/1998	(365)	0.0186	0.00355	ND	ND	ND	ND	ND	ND	0.0230
	12/1/1999	(413)	0.0178	0.00552	ND	ND	ND	ND	ND	ND	0.0240
	12/21/2000		0.0102	0.00372	ND	ND	ND	ND	ND	ND	0.0139
	12/3/2001		0.0120	0.0040	ND	ND	ND	ND	ND	ND	0.0160
	11/20/2002		0.0140	0.0030	ND	ND	ND	ND	ND	ND	0.0170
	11/20/2002	Dup	0.0140	0.00320	ND	ND	ND	ND	ND	ND	0.0172
	12/23/2003		0.0082	0.0120	ND	ND	ND	ND	ND	ND	0.0202
	12/2/2004		0.0180	0.0420	ND	ND	ND	ND	ND	ND	0.0600
	11/4/2005		0.0160	0.0470	ND	ND	ND	ND	ND	ND	0.0630
	12/7/2006		0.0150	0.0410	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0560
	10/31/2007		0.0140	0.0520	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0660
	11/10/2008		0.0120	0.0410	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0530
	11/13/2009		0.0069	0.0120	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	0.0189
	11/13/2009	Dup	0.0067	0.0120	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	0.0187
	12/14/2010		0.0100	0.0390	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	0.0490
	11/18/2011		0.0090	0.0390	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	0.0480
	6/15/2012		0.0074	0.0270	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	0.0344
	11/26/2012	(862)	0.0075	0.0310	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0389
	6/6/2013		0.0064	0.024	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0304
	11/6/2013		0.0062	0.021	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0272
	5/16/2014		0.0066	0.021	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0276
	12/6/2014		0.0064	0.018	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0244
	6/27/2015		0.0058	0.018	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0238
S-16I	2/1/1988		0.0340	ND	ND	ND	ND	ND	ND	ND	0.0340
	2/19/1988		0.0092	ND	0.0011	ND	ND	ND	ND	ND	0.0103
	2/19/1988		0.0051	ND	0.0011	ND	ND	ND	ND	ND	0.0062
	3/16/1988		0.0110	ND	0.0015	ND	ND	ND	ND	ND	0.0125
	10/7/1988		0.0100	ND	0.0010	ND	ND	ND	ND	ND	0.0110
	3/15/1989		0.0025	ND	ND	ND	ND	ND	ND	ND	0.0025
	9/21/1989		0.0005	ND	ND	ND	ND	ND	ND	ND	0.0005
	3/30/1990		0.0015	ND	ND	ND	ND	ND	ND	ND	0.0015
	12/5/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/12/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/27/1991		0.0077	0.001	ND	ND	ND	ND	ND	ND	0.0084
	2/19/1992		0.0050	ND	ND	ND	ND	ND	ND	ND	0.0050
	9/1/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/4/1993		0.0065	ND	ND	ND	ND	ND	ND	ND	0.0065
	8/27/1993		0.0083	ND	ND	ND	ND	ND	ND	ND	0.0083
	5/20/1994		0.0078	ND	ND	ND	ND	ND	ND	ND	0.0078
	12/7/1994		0.0067	ND	ND	ND	ND	ND	ND	ND	0.0067
	5/18/1995		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/28/1995		0.0006	ND	ND	ND	ND	ND	ND	ND	0.0006
	11/27/1996		0.0040	ND	ND	ND	ND	ND	ND	ND	0.0040
	11/24/1997		0.0036	ND	ND	ND	ND	ND	ND	ND	0.0036
	12/10/1998		0.00262	ND	ND	ND	ND	ND	ND	ND	0.0026
	12/1/1999	(412)	ND	ND	ND	ND	ND	ND	ND	ND	0.0005
	12/21/2000	(453)	ND	ND	ND	ND	ND	ND	ND	ND	0.0009
	12/4/2001		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/21/2002		ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 3-4
Historical Water-Quality Data for On-Property and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Expressed in parts per million (ppm)

Well Number	Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Total VOCs
S-16I	11/21/2002	Dup	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/2/2003	(614)	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/31/2004	(618)	ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/24/2004		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/22/2004		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/2/2004		ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/10/2005		ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/10/2005		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/16/2005		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/2/2005		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/14/2006		ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/18/2006		0.0003J	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.0005	<0.0005	0.0003J
	9/20/2006		0.0003J	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0003J
	12/6/2006		0.0003J	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0003J
	5/21/2007		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	ND
	10/31/2007		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	ND
	6/5/2008		0.0003J	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0003
	11/5/2008		0.0003J	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0003
	5/12/2009		0.0003J	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0003
	11/12/2009		0.0003J	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	ND
	5/27/2010		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	ND
	12/17/2010		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	ND
	5/19/2011		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	ND
	11/18/2011		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	ND
	11/18/2011	Dup	0.0001J	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0001J
	6/13/2012		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	ND
	11/29/2012		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	ND
	6/6/2013		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	ND
	11/7/2013		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	ND
	5/15/2014		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	ND
	12/4/2014		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	ND
	7/1/2015		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0000
S-17	2/1/1988		0.0072	0.008	0.0070	ND	ND	ND	ND	ND	0.0217
	2/19/1988		0.0076	0.005	0.0060	0.0016	0.0014	ND	ND	ND	0.0213
	3/16/1988	(3)	0.0081	0.006	0.0062	0.0017	0.0014	ND	ND	ND	0.0245
	10/7/1988	(4)	0.0083	0.006	0.0058	0.0009	0.0015	ND	ND	ND	0.0231
	3/15/1989		0.0060	0.003	0.0031	ND	0.0009	ND	ND	ND	0.0127
	9/21/1989		0.0009	0.001	0.0029	ND	0.0008	ND	ND	ND	0.0053
	3/30/1990		0.0006	ND	0.0021	ND	0.0006	ND	ND	ND	0.0033
	10/9/1990		0.0008	ND	0.0016	ND	ND	0.001	ND	ND	0.0036
	2/12/1991		0.0007	ND	0.0021	ND	0.0006	ND	ND	ND	0.0033
	8/27/1991		0.0009	0.001	0.0018	ND	ND	ND	ND	ND	0.0033
	2/19/1992		ND	ND	0.0020	ND	ND	ND	ND	ND	0.0020
	9/1/1992		ND	ND	0.0009	ND	ND	ND	ND	ND	0.0009
	3/4/1993		0.0017	ND	0.0014	ND	ND	ND	ND	ND	0.0031
	8/27/1993		0.0032	0.002	0.0022	ND	ND	ND	ND	ND	0.0069
	5/20/1994		0.0040	0.002	0.0018	ND	0.0012	ND	ND	ND	0.0091
	12/7/1994		0.0054	0.004	0.0026	ND	0.0018	ND	ND	ND	0.0136
	5/18/1995	(233)	0.0110	0.008	0.0043	ND	0.0036	ND	ND	ND	0.0273
	11/28/1995	(246)	0.0190	0.020	0.0069	0.0015	0.0054	ND	ND	ND	0.0545
	11/27/1996		0.052	0.031	0.0049	0.0024	0.0045	ND	ND	ND	0.0948
	11/24/1997		0.130	0.038	0.0050	0.0040	0.0050	ND	ND	ND	0.1820
	12/9/1998	(380)	0.106	0.0258	0.00455	0.00364	0.00383	ND	ND	ND	0.1452
	12/1/1999		0.162	0.0287	ND	ND	ND	ND	ND	ND	0.1907
	12/21/2000		0.086	0.030	ND	0.0028	0.0030	ND	ND	ND	0.1218
	12/4/2001	(477)	0.140	0.033	0.0024	0.0029	0.003	ND	ND	ND	0.1789
	12/4/2001	(478), Dup	0.140	0.034	0.0025	0.0028	0.0028	ND	ND	ND	0.1799
	11/21/2002	(539)	0.170	0.035	0.0024	0.0028	0.0029	ND	ND	ND	0.2142
	12/5/2014		0.046	0.042	0.0003 J	0.0006	0.0018	<0.0005	<0.0005	<0.0005	0.0907
	6/28/2015	(960)	0.024	0.059	<0.0005	0.0006	0.0023	<0.002	<0.0005	<0.0005	0.0864
S-18	3/29/1988		0.3800	ND	0.0360	ND	0.0059	ND	ND	ND	0.4219
	3/30/1988		0.4000	ND	0.0320	ND	ND	ND	0.0010	ND	0.4330
	10/6/1988	(5)	0.3800	0.002	0.0150	0.0007	0.0025	ND	0.0007	ND	0.4015
	3/14/1989		0.1900	ND	0.0072	ND	ND	ND	ND	ND	0.1972
	9/22/1989		0.1800	0.002	0.0057	0.0014	0.0013	ND	ND	ND	0.1900
	3/30/1990		0.0550	0.001	0.0017	ND	ND	ND	ND	ND	0.0572
	8/31/1992		0.0310	ND	ND	ND	ND	ND	ND	ND	0.0310
	3/5/1993		0.0680	ND	ND	ND	ND	ND	ND	ND	0.0680
	8/27/1993		0.0760	0.007	ND	ND	ND	ND	ND	ND	0.0832
	5/20/1994	(209)	0.0084	0.001	0.0039	ND	0.0006	ND	ND	ND	0.0154
	12/6/1994		0.0740	0.011	ND	ND	ND	ND	ND	ND	0.0867
	5/18/1995		0.0630	0.005	0.0023	ND	ND	ND	ND	ND	0.0707
	11/29/1995		0.0750	0.007	ND	ND	ND	ND	ND	ND	0.0820
	11/29/1995		0.0720	0.007	0.0021	ND	0.0015	ND	ND	ND	0.0829
	11/26/1996		0.088	0.0047	ND	ND	ND	ND	ND	ND	0.0927
	11/25/1997		0.110	0.0046	ND	ND	0.0009	ND	0.0006	ND	0.1161

Table 3-4
Historical Water-Quality Data for On-Property and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Expressed in parts per million (ppm)

Well Number	Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Total VOCs
S-18	12/10/1998	(368)	0.124	0.00233	0.00085	0.0055	0.0052	ND	0.00093	ND	0.1401
	12/2/1999		0.207	ND	ND	ND	ND	ND	ND	ND	0.2070
	12/20/2000		0.106	0.006	ND	ND	ND	ND	ND	ND	0.1117
	12/3/2001		0.140	0.0027	ND	ND	ND	ND	0.0005	ND	0.1432
	11/21/2002	(541)	0.130	0.0018	ND	ND	ND	ND	0.0005	ND	0.1330
	12/23/2003	(615)	0.033	0.0005	ND	ND	ND	ND	ND	ND	0.0335
	12/2/2004	(637)	0.0470	0.0005	ND	ND	ND	ND	ND	ND	0.0485
	11/4/2005	(687)	0.0350	0.0006	ND	ND	ND	ND	ND	ND	0.0362
	12/6/2006	(723)	NM	NM	NM	NM	NM	NM	NM	NM	NM
	10/31/2007	(733)	NM	NM	NM	NM	NM	NM	NM	NM	NM
	12/27/2007	(749)	0.0016	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0026
	11/10/2008	(772)	0.0540	0.0010	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0557
	11/10/2009		0.0009	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	0.0009
	12/14/2010	(813)	0.0009	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	0.0015
	11/14/2011		0.0007	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	0.0013
	11/30/2012	(863)	0.0008	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0011
	11/8/2013	(891)	0.0010	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0022
	5/16/2014	(863)	0.0008	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0011
	12/9/2014		0.0006	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0006
S-18A	3/29/1988		0.1900	0.002	ND	ND	ND	ND	ND	ND	0.1920
	3/30/1988	(6)	0.2200	ND	ND	ND	ND	ND	ND	ND	0.2220
	10/6/1988		0.0250	ND	ND	ND	ND	ND	ND	ND	0.0250
	3/14/1989		0.1500	ND	ND	ND	ND	ND	ND	ND	0.1500
	9/22/1989		0.1300	0.002	ND	ND	ND	ND	ND	ND	0.1322
	3/29/1990		0.0940	0.002	ND	ND	ND	ND	ND	ND	0.0960
	8/31/1990	(63)	0.4400	0.009	ND	ND	ND	ND	ND	ND	0.4494
	8/31/1990	(62)	0.5100	0.009	ND	ND	ND	ND	ND	ND	0.5193
	2/11/1991	(80)	0.0310	0.001	ND	ND	ND	ND	ND	ND	0.0327
	8/26/1991	(99)	0.0440	0.001	ND	ND	ND	ND	ND	ND	0.0456
	2/20/1992		0.0340	ND	ND	ND	ND	ND	ND	ND	0.0340
	8/31/1992		0.1100	ND	ND	ND	ND	ND	ND	ND	0.1100
	3/4/1993		0.1200	ND	ND	ND	ND	ND	ND	ND	0.1200
	8/27/1993		0.0750	ND	ND	ND	ND	ND	ND	ND	0.0750
	5/20/1994	(207)	0.0220	ND	ND	ND	ND	ND	ND	ND	0.0262
	12/6/1994	(219)	0.0180	ND	ND	ND	ND	ND	ND	ND	0.0204
	5/18/1995	(235)	0.0110	ND	ND	ND	ND	ND	ND	ND	0.0125
	5/18/1995	(234)	0.0110	ND	ND	ND	ND	ND	ND	ND	0.0122
	11/30/1995	(247)	0.0062	ND	ND	ND	ND	ND	ND	ND	0.0076
	11/26/1996	(270)	0.0042	ND	ND	ND	ND	ND	ND	ND	0.0055
	11/26/1996	(269)	0.0044	ND	ND	ND	ND	ND	ND	ND	0.0058
	11/25/1997		0.0037	ND	ND	ND	ND	ND	ND	ND	0.0037
	12/10/1998	(367)	0.00315	ND	ND	ND	ND	ND	ND	ND	0.0048
	12/2/1999	(415)	0.022	ND	ND	ND	ND	ND	ND	ND	0.0233
	12/20/2000		0.00206	ND	ND	ND	ND	ND	ND	ND	0.0021
	12/3/2001	(479)	0.0019	ND	ND	ND	ND	ND	ND	ND	0.0030
	11/21/2002	(540)	0.0018	ND	ND	ND	ND	ND	ND	ND	0.0025
	12/27/2007	(751)	0.0380	0.0006	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0395
S-19	3/29/1988		0.5100	ND	ND	ND	ND	ND	ND	ND	0.5100
	3/30/1988		0.5000	ND	ND	ND	ND	ND	ND	ND	0.5000
	6/10/1988		0.6500	ND	ND	ND	ND	ND	ND	ND	0.6500
	10/6/1988	(7)	0.4400	0.008	ND	ND	ND	ND	ND	ND	0.4491
	3/14/1989		0.4200	0.010	ND	ND	ND	ND	ND	ND	0.4300
	9/19/1989		0.6400	ND	ND	ND	ND	ND	ND	ND	0.6400
	3/30/1990		0.6100	ND	ND	ND	ND	ND	ND	ND	0.6100
	3/30/1990		0.6300	ND	ND	ND	ND	ND	ND	ND	0.6300
	8/31/1990		0.6600	0.005	ND	ND	ND	ND	ND	ND	0.6654
	2/13/1991		0.6600	ND	ND	ND	ND	ND	ND	ND	0.6600
	8/27/1991		0.7900	ND	ND	ND	ND	ND	ND	ND	0.7900
	2/20/1992		0.3800	ND	ND	ND	ND	ND	ND	ND	0.3800
	9/1/1992		0.5000	ND	ND	ND	ND	ND	ND	ND	0.5000
	3/5/1993		0.3100	ND	ND	ND	ND	ND	ND	ND	0.3100
	3/5/1993		0.3700	ND	ND	ND	ND	ND	ND	ND	0.3700
	8/27/1993		0.3300	ND	ND	ND	ND	ND	ND	ND	0.3300
	5/20/1994		0.1700	ND	ND	ND	ND	ND	ND	ND	0.1700
	12/7/1994		0.2600	ND	ND	ND	ND	ND	ND	ND	0.2600
	5/19/1995	(237)	0.2500	ND	ND	ND	ND	ND	ND	ND	0.2610
	11/30/1995		0.1700	ND	ND	ND	ND	ND	ND	ND	0.1700
	11/25/1996		0.140	0.012	ND	ND	ND	ND	ND	ND	0.1520
	11/25/1997		0.081	0.037	ND	ND	ND	ND	ND	ND	0.1180
	12/10/1998	(369)	0.102	0.0335	ND	ND	ND	ND	ND	ND	0.1362
	12/2/1999	(416)	0.0795	0.0536	ND	ND	ND	ND	ND	ND	0.1339
	12/20/2000	(447)	0.0778	0.0608	ND	ND	ND	ND	ND	ND	0.1391
	12/3/2001		0.0580	0.0630	ND	ND	ND	ND	ND	ND	0.1210
	11/21/2002	(542)	0.0750	0.0450	ND	ND	ND	ND	ND	ND	0.1204
	12/27/2007	(748)	0.0540	0.0970	<0.0005	0.0091	0.0031	<0.0050	<0.0005	<0.0005	0.1641
	5/16/2014	(912)	0.017	0.069	0.0003 J	0.0058	0.0021	<0.002	<0.0005	<0.0005	0.0946
	12/9/2014	(938)	0.017	0.066	0.0003 J	0.0042	0.002	<0.002	<0.0005	<0.0005	0.0901
	6/28/2015	(961)	0.018	0.065	0.0003 J	0.0041	0.003	<0.002	<0.0005	<0.0005	0.0904

Table 3-4
Historical Water-Quality Data for On-Property and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Expressed in parts per million (ppm)

Well Number	Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Total VOCs
R-1	5/14/1985		0.4800	0.004	ND	ND	ND	ND	ND	ND	0.4840
	10/3/1986		0.3600	ND	ND	ND	ND	ND	ND	ND	0.3600
	10/3/1986		0.2400	ND	ND	ND	ND	ND	ND	ND	0.2400
	9/17/1987		0.1800	ND	ND	ND	ND	ND	ND	ND	0.1800
	3/16/1988		0.2200	ND	ND	ND	ND	ND	ND	ND	0.2200
	10/4/1988		0.2000	0.005	ND	ND	ND	ND	ND	ND	0.2052
	3/14/1989		0.1400	0.003	ND	ND	ND	ND	ND	ND	0.1431
	9/19/1989	(40)	0.1400	0.008	ND	ND	ND	ND	ND	ND	0.1481
	3/30/1990		0.1900	0.009	ND	ND	ND	ND	ND	ND	0.1993
	9/4/1990		0.3900	0.014	ND	ND	ND	ND	ND	ND	0.4040
	2/12/1991		0.5000	0.012	ND	ND	ND	ND	ND	ND	0.5120
	8/27/1991		0.4900	0.008	ND	ND	ND	ND	ND	ND	0.4983
	2/20/1992		0.2800	ND	ND	ND	ND	ND	ND	ND	0.2800
	9/1/1992		0.2000	ND	ND	ND	ND	ND	ND	ND	0.2000
	3/4/1993		0.1500	ND	ND	ND	ND	ND	ND	ND	0.1500
	8/27/1993		0.2400	ND	ND	ND	ND	ND	ND	ND	0.2400
	5/20/1994		0.1500	ND	ND	ND	ND	ND	ND	ND	0.1500
	12/6/1994		0.1900	ND	ND	ND	ND	ND	ND	ND	0.1900
	5/18/1995		0.1800	0.010	ND	ND	ND	ND	ND	ND	0.1899
	11/29/1995		0.1600	0.011	ND	ND	ND	ND	ND	ND	0.1710
	12/2/1996		0.110	0.058	ND	ND	ND	ND	ND	ND	0.1680
	11/21/1997		0.082	0.004	ND	ND	ND	ND	ND	ND	0.0860
	12/10/1998	(370)	0.0782	0.0078	ND	ND	ND	ND	ND	ND	0.0865
	12/1/1999		0.0722	0.0296	ND	ND	ND	ND	ND	ND	0.1018
	12/21/2000		0.0582	0.0454	ND	ND	ND	ND	ND	ND	0.1036
	12/4/2001		0.047	0.066	ND	ND	ND	ND	ND	ND	0.1130
	11/21/2002	(543)	0.058	0.059	ND	ND	ND	ND	ND	ND	0.1177
	12/27/2007	(746)	0.028	0.130	<0.0007	0.0008	<0.0007	<0.0071	<0.0007	<0.0007	0.1602
	5/16/2014	(913)	0.012	0.270	<0.0005	0.0021	<0.0005	<0.002	<0.0005	0.0004 J	0.2861
	12/6/2014	(939)	0.013	0.240	<0.0025	<0.0025	<0.0025	<0.010	<0.0025	<0.0025	0.2553
	6/27/2015	(959)	0.0059	0.290	<0.0025	0.0019 J	<0.0025	<0.01	<0.0025	<0.0025	0.3006
T-1	9/22/1982		0.1200	ND	ND	ND	ND	ND	ND	ND	0.1200
	10/29/1982		0.0820	ND	ND	ND	ND	ND	ND	ND	0.0820
	5/18/1983		0.0800	ND	ND	ND	ND	ND	ND	ND	0.0800
	6/24/1983		0.1100	ND	ND	ND	ND	ND	ND	ND	0.1100
	3/6/1984		0.1200	ND	ND	ND	ND	ND	ND	ND	0.1200
	5/2/1985		0.1000	ND	ND	ND	ND	ND	ND	ND	0.1000
	10/1/1986		0.0340	ND	ND	ND	ND	ND	ND	ND	0.0340
	9/16/1987		0.0400	ND	ND	ND	ND	ND	ND	ND	0.0400
	3/15/1988		0.0240	ND	ND	ND	ND	ND	ND	ND	0.0240
	9/28/1988		0.0290	ND	ND	ND	ND	ND	ND	ND	0.0290
	3/13/1989		0.0270	ND	ND	ND	ND	ND	ND	ND	0.0270
	9/23/1989		0.0170	ND	ND	ND	ND	ND	ND	ND	0.0170
	3/28/1990		0.0190	ND	ND	ND	ND	ND	ND	ND	0.0190
	9/20/1990	(70)	0.0053	ND	ND	ND	ND	ND	ND	ND	0.0061
	3/11/1991		0.0240	ND	ND	ND	ND	ND	ND	ND	0.0240
	9/11/1991	(114)	0.0200	0.001	ND	ND	ND	ND	ND	ND	0.0230
	2/19/1992		0.0160	0.001	ND	ND	ND	ND	ND	ND	0.0174
	2/19/1992		0.0180	0.001	ND	ND	ND	ND	ND	ND	0.0189
	8/18/1992		0.0170	0.001	ND	ND	ND	ND	ND	ND	0.0184
	2/26/1993		0.0220	ND	ND	ND	ND	ND	ND	ND	0.0220
	8/17/1993	(193)	0.0220	ND	ND	ND	ND	ND	ND	ND	0.0236
	11/30/1994	(281)	0.0210	ND	ND	ND	ND	ND	ND	ND	0.0217
	11/7/1995	(282)	0.0180	ND	ND	ND	ND	ND	ND	ND	0.0185
	12/4/1996		0.0150	ND	ND	ND	ND	ND	ND	ND	0.0155
	12/3/1997		0.0120	ND	ND	ND	ND	ND	ND	ND	0.0144
	12/3/1997		0.0120	ND	ND	ND	ND	ND	ND	ND	0.0141
	12/7/1998	(383)	0.0114	ND	ND	ND	ND	ND	ND	ND	0.0114
	11/30/1999		0.0119	ND	ND	ND	ND	ND	ND	ND	0.0119
	11/30/1999	Dup	0.0109	ND	ND	ND	ND	ND	ND	ND	0.0109
	12/19/2000		0.0119	0.0007	ND	ND	ND	ND	ND	ND	0.0126
	11/27/2001		0.0100	0.0006	ND	ND	ND	ND	ND	ND	0.0106
	11/25/2002		0.0110	0.0009	ND	ND	ND	ND	ND	ND	0.0119
	11/25/2002	Dup	0.0120	0.0008	ND	ND	ND	ND	ND	ND	0.0128
T-2	9/22/1982		2.5000	0.580	ND	ND	ND	ND	ND	ND	3.0800
	9/22/1982		2.1000	0.500	ND	ND	ND	ND	ND	ND	2.6000
	10/29/1982		1.2200	ND	ND	ND	ND	ND	ND	ND	1.2200
	5/18/1983		1.0300	0.160	ND	ND	ND	ND	ND	ND	1.1900
	5/18/1983		0.4400	0.150	ND	ND	ND	ND	ND	ND	0.5900
	6/23/1983		0.4000	0.180	ND	ND	ND	ND	ND	ND	0.5800
	3/6/1984		1.1000	0.350	ND	ND	ND	ND	ND	ND	1.4500
	5/2/1985		0.6400	0.140	ND	ND	ND	ND	ND	ND	0.7800
	10/1/1986		0.4200	0.190	ND	ND	ND	ND	ND	ND	0.6100
	1/15/1987		0.1400	0.051	ND	ND	ND	ND	ND	ND	0.1910
	4/15/1987		0.3100	0.062	ND	ND	ND	ND	ND	ND	0.3720
	9/17/1987		0.1800	0.150	ND	ND	ND	ND	ND	ND	0.3300
	3/15/1988		0.0069	ND	ND	ND	ND	ND	ND	ND	0.0069

Table 3-4
Historical Water-Quality Data for On-Property and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Expressed in parts per million (ppm)

Well Number	Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Total VOCs
T-2	3/15/1988		0.0071	ND	ND	ND	ND	ND	ND	ND	0.0071
	9/27/1988	(8)	0.3400	0.067	ND	ND	ND	ND	ND	ND	0.4480
	3/13/1989		0.4200	0.110	ND	ND	ND	ND	ND	ND	0.5300
	9/23/1989		0.3300	0.120	ND	ND	ND	ND	ND	ND	0.4500
	9/23/1989		0.2800	0.130	ND	ND	ND	ND	ND	ND	0.4100
	3/28/1990		0.5600	0.270	ND	ND	ND	ND	ND	ND	0.8300
	3/28/1990		0.5500	0.280	ND	ND	ND	ND	ND	ND	0.8300
	9/20/1990		0.4300	0.240	ND	ND	ND	ND	ND	ND	0.6700
	3/11/1991	(82)	0.2300	0.085	ND	ND	ND	ND	ND	ND	0.3220
	9/11/1991		0.1400	0.031	ND	ND	ND	ND	ND	ND	0.1710
	9/11/1991		0.1200	0.031	ND	ND	ND	ND	ND	ND	0.1510
	2/19/1992		0.3300	0.098	ND	ND	ND	ND	ND	ND	0.4280
	8/18/1992		0.1900	0.039	ND	ND	ND	ND	ND	ND	0.2290
	2/25/1993		0.0880	0.013	ND	ND	ND	ND	ND	ND	0.1010
	8/17/1993		0.0830	0.013	ND	ND	ND	ND	ND	ND	0.0960
	11/30/1994		0.0770	0.0096	ND	ND	ND	ND	ND	ND	0.0866
	12/5/1995	(284)	0.044	0.002	ND	ND	ND	ND	ND	ND	0.0524
	12/5/1995	(283)	0.0540	0.004	ND	ND	ND	ND	ND	ND	0.0610
	12/3/1997		0.049	0.0039	ND	ND	ND	ND	ND	ND	0.0557
	12/7/1998	(381)	0.0322	0.00084	ND	ND	ND	ND	ND	ND	0.0457
	11/30/1999	(404)	0.0303	ND	ND	ND	ND	ND	ND	ND	0.0315
	12/19/2000	(445)	0.0292	0.0025	ND	ND	ND	ND	ND	ND	0.0342
	12/19/2000	(446)	0.0264	0.0021	ND	ND	ND	ND	ND	ND	0.0308
	11/27/2001	(480)	0.022	0.0011	ND	ND	ND	ND	ND	ND	0.0242
	11/25/2002	(562)	0.029	0.0016	ND	ND	ND	ND	ND	ND	0.0312
	11/11/2013	(892)	0.0087	0.0034	<0.0005	<0.0005	<0.0005	<0.002	0.0003J	0.0003J	0.0138
	5/16/2014	(914)	0.0063	0.0010	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0077
	12/5/2014	(940)	0.0054	0.0013	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	0.0007	0.0079
	6/27/2015	(963)	0.0017	0.0031	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	0.0028	0.0084
T-3	9/22/1982		1.1000	0.190	ND	ND	ND	ND	ND	ND	1.2900
	10/29/1982		1.3600	ND	ND	ND	ND	ND	ND	ND	1.3600
	5/18/1983		1.7000	0.210	ND	ND	ND	ND	ND	ND	1.9100
	5/18/1983		0.4300	0.220	ND	ND	ND	ND	ND	ND	0.6500
	6/23/1983		0.4100	0.120	ND	ND	ND	ND	ND	ND	0.5300
	3/6/1984		1.4000	0.140	ND	ND	ND	ND	ND	ND	1.5400
	1/3/1985		1.8000	0.120	ND	ND	ND	ND	ND	ND	1.9200
	1/3/1985		2.3000	0.160	ND	ND	ND	ND	ND	ND	2.4600
	2/27/1985		1.1000	0.130	ND	ND	ND	ND	ND	ND	1.2300
	2/27/1985		1.8000	0.110	ND	ND	ND	ND	ND	ND	1.9100
	8/8/1985		1.1000	0.160	ND	ND	ND	ND	ND	ND	1.2600
	10/2/1986		0.6900	0.056	ND	ND	ND	ND	ND	ND	0.7460
	1/15/1987		0.7700	0.039	ND	ND	ND	ND	ND	ND	0.8090
	4/15/1987		0.2600	0.030	ND	ND	ND	ND	ND	ND	0.2900
	6/17/1987		1.1000	0.043	ND	ND	ND	ND	ND	ND	1.1430
	9/17/1987		0.9000	0.110	ND	ND	ND	ND	ND	ND	1.0100
	9/17/1987		0.6600	0.100	ND	ND	ND	ND	ND	ND	0.7600
	12/16/1987		0.5100	0.021	ND	ND	ND	ND	ND	ND	0.5310
	3/16/1988		0.4200	0.035	ND	ND	ND	ND	ND	ND	0.4550
	6/15/1988	(9)	0.7600	0.038	ND	ND	ND	ND	ND	ND	0.7984
	9/29/1988		0.9300	0.068	ND	ND	ND	ND	ND	ND	0.9980
	12/20/1988		1.2000	0.027	ND	ND	ND	ND	ND	ND	1.2270
	3/13/1989		1.0000	0.081	ND	ND	ND	ND	ND	ND	1.0810
	3/13/1989	(41)	0.8900	0.081	ND	ND	ND	ND	ND	ND	0.9774
	9/23/1989	(42)	ND	ND	ND	ND	ND	ND	ND	ND	0.2160
	9/23/1989		0.9000	0.053	ND	ND	ND	ND	ND	ND	0.9530
	3/28/1990		0.5500	0.064	ND	ND	ND	ND	ND	ND	0.6140
	9/20/1990		1.5000	0.089	ND	ND	ND	ND	ND	ND	1.5890
	9/20/1990		1.7000	0.067	ND	ND	ND	ND	ND	ND	1.7670
	4/3/1991		0.8600	0.072	ND	ND	ND	ND	ND	ND	0.9320
	4/3/1991		0.8800	0.074	ND	ND	ND	ND	ND	ND	0.9540
	9/11/1991		1.4000	0.088	ND	ND	ND	ND	ND	ND	1.4880
	2/19/1992		2.0000	ND	ND	ND	ND	ND	ND	ND	2.0000
	8/18/1992		1.8000	0.054	ND	ND	ND	ND	ND	ND	1.8540
	2/26/1993		0.8200	0.099	ND	ND	ND	ND	ND	ND	0.9190
	8/17/1993		0.3800	0.044	ND	ND	ND	ND	ND	ND	0.4240
	12/2/1994		0.2200	0.026	ND	ND	ND	ND	ND	ND	0.2460
	12/6/1995		0.140	0.019	ND	ND	ND	ND	ND	ND	0.159
	12/3/1996		0.150	0.027	ND	ND	ND	ND	ND	ND	0.177
	11/14/1997		0.110	0.020	ND	ND	ND	ND	ND	ND	0.134
T-4	2/18/1983		0.0300	ND	ND	ND	ND	ND	ND	ND	0.0300
	5/19/1983		0.3800	0.032	ND	ND	ND	0.007	0.0070	ND	0.4260
	6/24/1983		0.0050	0.005	ND	ND	ND	ND	ND	ND	0.0100
	6/24/1983		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/6/1984		0.0070	ND	ND	ND	ND	ND	ND	ND	0.0070
	6/7/1984		ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/14/1984		0.0030	0.003	ND	ND	ND	ND	ND	ND	0.0060
	5/15/1985		0.0330	0.003	ND	ND	ND	ND	ND	ND	0.0360
	10/2/1986		0.0060	ND	ND	ND	ND	ND	ND	ND	0.0060

Table 3-4
Historical Water-Quality Data for On-Property and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Expressed in parts per million (ppm)

Well Number	Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Total VOCs
T-4	9/17/1987		0.1300	0.048	ND	0.0030	0.0250	ND	ND	ND	0.2060
	1/4/1988		0.0910	0.006	ND	ND	0.0030	0.012	ND	ND	0.1120
	1/4/1988		0.0920	0.007	ND	ND	0.0030	0.011	ND	ND	0.1130
	5/15/1988		0.2100	0.030	ND	ND	ND	ND	ND	ND	0.2400
	9/29/1988		0.2500	0.045	ND	ND	ND	ND	ND	ND	0.2950
	3/15/1989		0.4300	0.036	ND	0.0046	0.0090	ND	ND	ND	0.4796
	9/23/1989		0.0140	0.023	ND	ND	ND	ND	ND	ND	0.0370
	3/28/1990		0.1600	0.053	ND	ND	ND	ND	ND	ND	0.2130
	9/20/1990		0.2800	0.100	ND	ND	ND	ND	ND	ND	0.3800
	3/11/1991	(83)	0.2700	0.096	ND	ND	ND	ND	ND	ND	0.3760
	9/11/1991	(115)	0.2500	0.120	ND	ND	ND	ND	ND	ND	0.3820
	2/19/1992		0.1500	0.100	ND	ND	ND	ND	ND	ND	0.2500
	8/18/1992		0.2500	0.140	ND	ND	ND	ND	ND	ND	0.3900
	2/25/1993		0.2000	0.190	ND	ND	0.0038	ND	ND	ND	0.3938
	2/25/1993		0.1900	0.200	ND	ND	ND	ND	ND	ND	0.3900
	8/17/1993		0.1700	0.240	ND	ND	ND	ND	ND	ND	0.4100
	12/5/1994		0.170	0.310	ND	ND	0.0053	ND	ND	ND	0.4853
	12/5/1995		0.110	0.250	ND	ND	ND	ND	ND	ND	0.3600
	12/5/1996	(285)	0.120	0.150	ND	ND	ND	ND	ND	ND	0.2785
	12/2/1997		0.034	0.005	ND	0.1800	0.0050	ND	ND	ND	0.2240
	12/9/1998	(360)	0.0809	0.0416	ND	0.0016	0.0052	ND	ND	ND	0.1300
	11/30/1999		0.0963	0.1420	ND	ND	0.0073	ND	ND	ND	0.2456
	12/19/2000		0.0902	0.3040	ND	ND	0.0108	0.0570	ND	ND	0.4620
	11/28/2001	(481)	0.0660	0.2100	ND	0.0024	0.0057	ND	ND	ND	0.2851
	11/27/2002	(544)	0.0780	0.2500	ND	0.0019	0.0041	ND	ND	ND	0.3353
	11/27/2002	(545) Dup	0.0750	0.2600	ND	0.0018	0.0041	ND	ND	ND	0.3421
	12/15/2003	(608)	0.0570	0.3300	ND	0.0031	0.0047	ND	ND	ND	0.3962
	12/3/2004	(638)	0.0470	0.2700	ND	0.0025	0.0036	ND	ND	ND	0.3255
	11/4/2005	(690)	NM	NM	NM	NM	NM	NM	NM	NM	NM
	12/6/2006	(714)	0.0380	0.1900	<0.0013	0.0021	0.0028	<0.013	0.0009J	<0.0013	0.2348
	10/30/2007	(734)	0.0270	0.1500	<0.0010	0.0014	0.0023	<0.010	<0.0010	<0.0010	0.1837
	11/11/2008	(773)	0.0270	0.1600	<0.0013	0.0018	0.0023	<0.013	<0.0013	<0.0013	0.1925
	11/10/2009	(792)	0.0190	0.1500	<0.001	0.001J	0.0021	<0.01	<0.001	<0.001	0.1726
	12/13/2010	(814)	0.0200	0.1200	<0.001	0.001	0.0018	<0.01	<0.001	<0.001	0.1438
	11/14/2011	(832)	0.0200	0.1300	<0.001	0.001J	0.0016	<0.01	<0.001	<0.001	0.1543
	11/26/2012	(864)	0.0150	0.1000	<0.0007	0.0013	0.0016	<0.0014	<0.0007	<0.0007	0.1186
	11/5/2013	(893)	0.0170	0.1100	<0.001	0.0009J	0.0013	<0.004	<0.001	<0.001	0.1303
	5/16/2014	(915)	0.017	0.110	<0.0007	0.0011	0.0016	<0.0029	<0.0007	<0.0007	0.1312
	12/5/2014	(941)	0.014	0.093	<0.0010	0.0006 J	0.0012	<0.0040	<0.0010	<0.0010	0.1111
	6/27/2015	(964)	0.016	0.036	<0.0005	0.0007	0.0008	<0.002	<0.0005	<0.0005	0.0569
T-5	5/19/1983		0.4100	0.031	ND	ND	ND	0.001	ND	ND	0.4420
	6/24/1983		2.2000	0.007	ND	ND	ND	ND	ND	ND	2.2070
	5/15/1985		1.5000	ND	ND	ND	ND	ND	ND	ND	1.5000
	8/8/1985		0.4000	ND	0.0047	ND	ND	ND	0.0260	ND	0.4307
	8/8/1985		0.3200	ND	0.0029	ND	ND	ND	0.0280	ND	0.3509
	10/1/1986		0.0540	ND	ND	ND	ND	ND	ND	ND	0.0540
	1/15/1987		0.0200	ND	ND	ND	ND	ND	ND	ND	0.0200
	4/15/1987		0.0060	ND	ND	ND	ND	ND	ND	ND	0.0060
	9/17/1987		0.0240	ND	ND	ND	ND	ND	ND	ND	0.0240
	3/16/1988		0.3100	0.140	ND	ND	ND	ND	ND	ND	0.4500
	9/28/1988		0.0110	ND	ND	ND	ND	ND	ND	ND	0.0110
	3/13/1989		0.0076	ND	ND	ND	ND	ND	ND	ND	0.0076
	9/23/1989		0.0007	ND	ND	ND	ND	ND	ND	ND	0.0007
	3/28/1990		0.0054	ND	ND	ND	ND	ND	ND	ND	0.0054
	9/21/1990		0.0095	ND	ND	ND	ND	ND	ND	ND	0.0095
	3/11/1991		ND	ND	ND	ND	ND	ND	ND	ND	0.0000
	9/11/1991	(116)	0.0030	ND	ND	ND	ND	ND	ND	ND	0.0039
	2/19/1992		0.0073	ND	ND	ND	ND	ND	ND	ND	0.0073
	8/18/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/26/1993		0.0085	ND	ND	ND	ND	ND	ND	ND	0.0085
	8/17/1993		0.0099	ND	ND	ND	ND	ND	ND	ND	0.0099
	11/30/1994		0.023	ND	ND	ND	ND	ND	ND	ND	0.0230
	12/5/1995		0.056	ND	ND	ND	ND	ND	ND	ND	0.0560
	12/5/1996		0.018	ND	ND	ND	ND	ND	ND	ND	0.0180
	12/3/1997		0.016	ND	ND	ND	ND	ND	ND	ND	0.0160
	12/7/1998		0.00551	ND	ND	ND	ND	ND	ND	ND	0.0055
	11/30/1999		0.0163	ND	ND	ND	ND	ND	ND	ND	0.0163
	12/19/2000		0.00526	ND	ND	ND	ND	ND	ND	ND	0.0053
	11/27/2001		0.0041	ND	ND	ND	ND	ND	ND	ND	0.0041
	11/25/2002		0.0022	ND	ND	ND	ND	ND	ND	ND	0.0022
	12/5/2014		0.0003 J	<0.0005	<0.0005	<0.0005	<0.0005	<0.0020	<0.0005	<0.0005	0.0003 J
	6/27/2015		0.0005 J	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0005
T-6	5/19/1983		ND	0.350	ND	ND	ND	0.007	ND	0.0190	0.3760
	6/23/1983		0.5500	0.700	ND	ND	ND	ND	ND	ND	1.2500
	3/6/1984		1.3000	2.100	ND	ND	ND	0.009	0.0180	0.4600	3.8870
	6/11/1984		2.2000	4.200	ND	0.0040	ND	0.008	0.0310	0.7700	7.2130
	12/20/1984		2.0000	3.600	ND	ND	ND	ND	0.0220	0.7700	6.3920
	2/26/1985		1.2000	1.200	ND	ND	ND	ND	0.0210	0.5400	2.9610

Table 3-4
Historical Water-Quality Data for On-Property and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Expressed in parts per million (ppm)

Well Number	Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Total VOCs
T-6	5/14/1985		1.6000	5.500	ND	0.0100	ND	ND	0.0350	ND	7.1450
	8/9/1985		1.2000	7.400	ND	ND	ND	ND	ND	ND	8.6000
	10/1/1986		1.1000	3.100	0.0030	0.0030	ND	+	0.0120	ND	4.2180
	1/15/1987		0.6300	1.200	0.0050	ND	ND	0.007	0.0090	ND	1.8510
	4/15/1987		0.5200	1.600	ND	ND	ND	ND	0.1870	0.1200	2.4270
	6/18/1987		1.4000	1.900	ND	0.0070	ND	0.005	0.0190	0.2100	3.5410
	9/17/1987		0.9500	ND	ND	0.0100	ND	0.006	0.0220	1.3000	2.2880
	9/17/1987		0.7900	ND	ND	0.0100	ND	0.006	0.0240	1.2000	2.0300
	12/16/1987		0.5400	0.890	ND	0.0080	ND	0.005	0.0160	6.5000	7.9590
	3/16/1988		1.3000	4.700	ND	ND	ND	ND	ND	0.5500	6.5500
	6/15/1988		1.5000	4.900	ND	ND	ND	ND	ND	0.6300	7.0300
	6/15/1988	(10)	0.9200	3.000	ND	0.0023	ND	0.016	0.0010	0.4300	4.3783
	9/29/1988		1.3000	4.300	ND	ND	ND	ND	0.0130	0.8200	6.4330
	9/29/1988		1.5000	4.600	ND	ND	ND	ND	0.0250	0.8400	6.9650
	12/20/1988		1.2000	5.200	ND	ND	ND	ND	0.0048	0.8800	7.2848
	3/13/1989		0.5500	2.800	ND	ND	ND	ND	ND	0.2600	3.6100
	3/13/1989		0.6600	2.100	ND	ND	ND	ND	ND	0.2700	3.0300
	6/12/1989		0.6230	2.200	ND	ND	ND	ND	ND	ND	2.8230
	9/24/1989		0.8100	2.600	ND	ND	ND	ND	ND	0.4800	3.8900
	9/24/1989		0.7100	2.800	ND	ND	ND	ND	ND	0.4400	3.9500
	9/24/1989	(43)	ND	ND	ND	ND	ND	ND	ND	ND	0.0130
	1/5/1990		1.2000	3.300	ND	ND	ND	ND	ND	0.4300	4.9300
	3/29/1990		0.9700	3.200	ND	ND	ND	ND	ND	0.2900	4.4600
	6/28/1990		0.5000	2.400	ND	ND	ND	ND	ND	0.1200	3.0200
	9/21/1990	(72)	1.1000	3.200	ND	ND	ND	ND	ND	0.4100	4.8400
	9/21/1990	(71)	1.2000	3.700	ND	ND	ND	ND	ND	0.3100	5.3400
	12/20/1990		0.8500	3.000	ND	ND	ND	ND	ND	0.1700	4.0200
	3/11/1991	(84)	0.9600	2.800	ND	ND	ND	ND	ND	0.2500	4.1400
	6/6/1991		0.8200	2.400	ND	ND	ND	ND	ND	ND	3.2200
	9/12/1991	(118)	0.5800	1.300	ND	ND	ND	ND	ND	ND	2.0000
	9/12/1991	(117)	0.3900	1.300	ND	ND	ND	ND	ND	ND	1.8200
	12/18/1991		0.7500	1.800	ND	ND	ND	ND	ND	ND	2.5500
	2/20/1992		0.6800	2.200	ND	ND	ND	ND	ND	0.0900	2.9700
	5/19/1992		0.5500	2.200	ND	ND	ND	ND	ND	ND	2.7500
	5/19/1992		0.4700	2.000	ND	ND	ND	ND	ND	ND	2.4700
	8/19/1992		0.6700	1.600	ND	ND	ND	ND	ND	0.0820	2.3520
	11/18/1992		0.5800	1.700	ND	ND	ND	ND	ND	0.2000	2.4800
	2/25/1993		0.3600	1.600	ND	ND	ND	ND	ND	0.0850	2.0450
	5/11/1993		0.1800	0.540	ND	ND	ND	ND	ND	0.0260	0.7460
	8/18/1993		0.2500	0.990	ND	ND	ND	ND	ND	0.0710	1.3110
	11/16/1993		0.2300	1.100	ND	ND	ND	ND	ND	0.1400	1.4700
	11/30/1994		0.1300	0.940	ND	ND	ND	ND	ND	0.120	1.1900
	12/5/1995		0.2500	1.300	ND	ND	ND	ND	ND	0.150	1.7000
	12/4/1996		0.1100	0.520	ND	ND	ND	ND	ND	0.056	0.6860
	12/3/1997	(335)	0.0760	0.270	ND	ND	ND	ND	0.0030	0.021	0.381
	12/7/1998		0.0966	0.173	ND	ND	ND	ND	ND	0.0182	0.2878
	11/29/1999		0.0915	0.182	ND	ND	ND	ND	ND	0.0188	0.2923
	11/29/1999		0.0915	0.182	ND	ND	ND	ND	ND	0.0188	0.2923
	12/18/2000		0.0877	0.374	ND	ND	ND	ND	ND	0.0291	0.4908
	11/27/2001	(482)	0.0480	0.190	ND	ND	ND	ND	0.0025	0.0084	0.2523
	11/26/2002	(548)	0.0770	0.290	ND	ND	ND	ND	0.0019	0.0120	0.3886
	11/26/2002	(549) Dup	0.0880	0.330	ND	ND	ND	ND	0.0019	0.0140	0.4418
	8/23/2007	(761)	0.0980	0.340	<0.0036	<0.0036	<0.0036	<0.036	<0.0036	0.0250	0.4890
	8/23/2007	(762)	0.0940	0.340	<0.0031	<0.0031	<0.0031	<0.031	<0.0031	0.0240	0.4850
	5/27/2010	(804)	0.064	0.400	<0.0025	<0.0025	<0.0025	<0.025	<0.0025	0.030	0.5083
	6/14/2012	(851)	0.053	0.290	<0.0025	<0.0025	<0.0025	<0.025	<0.0025	0.016	0.3653
	6/5/2013	(877)	0.0024	0.210	<0.001	<0.001	<0.001	<0.004	<0.001	0.033	0.2581
T-7	5/18/1983		0.0200	ND	ND	ND	ND	ND	ND	ND	0.0200
	6/24/1983		0.5500	ND	ND	ND	ND	ND	ND	ND	0.5500
	6/24/1983		0.0800	ND	ND	ND	ND	ND	ND	ND	0.0800
	5/10/1984		0.0200	ND	ND	ND	ND	ND	ND	ND	0.0200
	1/3/1985		0.0330	ND	ND	ND	ND	ND	ND	ND	0.0330
	2/27/1985		0.0330	ND	ND	ND	ND	ND	ND	ND	0.0330
	8/7/1985		0.4300	ND	ND	ND	ND	ND	ND	ND	0.4300
	10/2/1986		0.0300	ND	ND	ND	ND	ND	ND	ND	0.0300
	1/15/1987		0.0220	ND	ND	ND	ND	ND	ND	ND	0.0220
	4/15/1987		0.0130	ND	ND	ND	ND	ND	ND	ND	0.0130
	6/17/1987		0.0290	ND	ND	0.0010	ND	ND	ND	ND	0.0300
	9/17/1987		0.0510	ND	ND	ND	ND	ND	ND	ND	0.0510
	3/16/1988		0.0280	ND	ND	ND	ND	ND	ND	ND	0.0280
	9/28/1988		0.0420	ND	ND	ND	ND	ND	ND	ND	0.0420
	3/13/1989		0.0360	ND	0.0011	ND	ND	ND	ND	ND	0.0371
	9/25/1989		0.0590	ND	ND	ND	ND	ND	ND	ND	0.0590
	3/29/1990		0.0360	ND	ND	ND	ND	ND	ND	ND	0.0360
	9/20/1990		0.0370	ND	ND	ND	ND	ND	ND	ND	0.0370
	3/12/1991	(85)	0.0400	ND	ND	ND	ND	ND	ND	ND	0.0430
	9/12/1991	(119)	0.0320	ND	ND	ND	ND	ND	ND	ND	0.0341
	2/20/1992		0.0380	ND	ND	ND	ND	ND	ND	ND	0.0380
	8/19/1992		0.0420	ND	ND	ND	ND	ND	ND	ND	0.0420

Table 3-4
Historical Water-Quality Data for On-Property and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Expressed in parts per million (ppm)

Well Number	Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Total VOCs
T-7	8/19/1992		0.0370	ND	ND	ND	ND	ND	ND	ND	0.0370
	2/26/1993		0.0450	ND	ND	ND	ND	ND	ND	ND	0.0450
	8/18/1993		0.0340	ND	ND	ND	ND	ND	ND	ND	0.0340
	12/2/1994		0.0490	ND	ND	ND	ND	ND	ND	ND	0.0490
	12/6/1995		0.0290	ND	ND	ND	ND	ND	ND	ND	0.0290
	12/4/1996		0.0730	ND	ND	ND	ND	ND	ND	ND	0.0730
	12/4/1997	(336)	0.0580	ND	ND	0.0005	ND	0.001	ND	ND	0.0596
	12/8/1998		0.0983	ND	ND	ND	ND	0.00462	ND	ND	0.1055
	11/30/1999		0.0995	ND	ND	ND	ND	ND	ND	ND	0.0995
	12/18/2000		0.0282	ND	ND	ND	ND	ND	ND	ND	0.0282
	11/27/2001		0.0120	ND	ND	ND	ND	ND	ND	ND	0.0120
	11/25/2002		0.0180	ND	ND	ND	ND	ND	ND	ND	0.0180
	8/23/2007		0.0063	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	0.0063
	12/10/2014	(942)	0.0005	0.0014	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	0.0009	0.0033
T-8	5/19/1983		1.4000	0.330	0.0180	+	+	0.180	0.0750	ND	2.0030
	6/23/1983		1.7500	0.360	ND	ND	ND	ND	ND	ND	2.1100
	3/6/1984		3.8000	0.550	0.0380	0.0030	0.0060	0.180	0.0740	ND	4.6510
	12/21/1984		3.5000	0.340	0.0300	0.0028	0.0068	0.009	0.0270	ND	3.9151
	2/27/1985		1.4000	0.230	0.0280	0.0021	0.0061	0.076	ND	ND	1.7422
	8/9/1985		3.8000	0.360	0.0150	0.0270	0.0200	ND	0.0760	ND	4.2980
	10/1/1986		1.3000	0.150	0.0120	0.0010	ND	+	0.0130	ND	1.4760
	1/15/1987		0.5600	0.060	0.0070	0.0020	0.0080	0.018	0.0130	ND	0.6680
	4/15/1987		0.3900	0.060	ND	0.0010	ND	0.010	0.0160	ND	0.4770
	6/17/1987		1.2000	0.096	0.0070	0.0020	ND	0.029	0.0180	ND	1.3520
	9/17/1987		0.7900	0.160	0.0020	0.0010	ND	0.002	0.0110	ND	0.9660
	9/17/1987		0.7400	0.170	0.0020	0.0010	ND	0.002	0.0120	ND	0.9270
	12/16/1987		0.5600	0.041	0.0020	ND	ND	0.006	0.0150	ND	0.6240
	3/16/1988		0.7100	0.089	ND	ND	ND	0.005	0.0150	ND	0.8190
	6/15/1988	(11)	1.3000	0.080	ND	ND	ND	ND	0.0044	ND	1.3864
	9/29/1988		2.4000	0.097	ND	ND	ND	ND	ND	ND	2.4970
	9/29/1988		2.4000	0.100	ND	ND	ND	ND	ND	ND	2.5000
	12/20/1988		1.4000	0.027	ND	ND	ND	ND	ND	ND	1.4270
	3/13/1989		2.2000	0.052	ND	0.0056	ND	ND	ND	ND	2.2576
	6/12/1989		2.2000	ND	ND	ND	ND	ND	ND	ND	2.2000
	6/12/1989		1.5000	ND	ND	ND	ND	ND	ND	ND	1.5000
	9/20/1989		2.3000	0.130	ND	ND	ND	ND	ND	ND	2.4300
	1/5/1990		1.6000	0.082	ND	ND	ND	ND	ND	ND	1.6820
	1/5/1990		1.8000	0.084	ND	ND	ND	ND	ND	ND	1.8840
	3/29/1990		1.4000	0.100	ND	ND	ND	ND	ND	ND	1.5000
	6/28/1990		1.1000	0.068	ND	ND	ND	ND	ND	ND	1.1680
	9/20/1990	(73)	1.6000	0.110	ND	ND	ND	ND	ND	ND	1.9400
	12/20/1990		0.7600	0.050	ND	ND	ND	ND	ND	ND	0.8100
	12/20/1990		0.7000	0.045	ND	ND	ND	ND	ND	ND	0.7450
	3/11/1991	(86)	0.9300	0.110	ND	ND	ND	ND	ND	ND	1.0740
	6/6/1991		0.6200	0.100	ND	ND	ND	ND	ND	ND	0.7200
	9/12/1991		0.6400	0.091	ND	ND	ND	ND	ND	ND	0.7310
	12/18/1991		0.9800	0.130	ND	ND	ND	ND	ND	ND	1.1100
	2/19/1992		0.6000	0.094	ND	ND	ND	ND	ND	ND	0.6940
	5/19/1992		0.5900	0.130	ND	ND	ND	ND	ND	ND	0.7200
	8/18/1992		0.6400	0.160	ND	ND	ND	ND	ND	ND	0.8000
	11/18/1992		0.5200	0.150	ND	ND	ND	ND	ND	ND	0.6700
	2/26/1993		0.4800	0.075	ND	ND	ND	ND	ND	ND	0.5550
	5/11/1993		0.4600	0.062	ND	ND	ND	ND	ND	ND	0.5220
	8/18/1993	(195)	0.3600	0.062	ND	ND	ND	0.008	0.0120	ND	0.4670
	8/18/1993	(194)	0.3600	0.061	ND	ND	ND	0.009	0.0120	ND	0.4630
	11/16/1993		0.4100	0.066	ND	ND	ND	ND	0.0130	ND	0.4890
	11/16/1993		0.4200	0.067	ND	ND	ND	ND	0.0130	ND	0.5000
	12/1/1994		0.4700	0.066	ND	ND	ND	ND	0.0120	ND	0.5480
	12/1/1994		0.4600	0.068	ND	ND	ND	ND	0.0120	ND	0.5400
	12/5/1995		0.290	0.040	ND	ND	ND	ND	0.0091	ND	0.3391
	12/5/1995		0.3000	0.039	ND	ND	ND	ND	0.0078	ND	0.3468
	12/2/1996		0.220	0.041	ND	ND	ND	ND	0.0073	ND	0.2683
	12/2/1996		0.220	0.041	ND	ND	ND	ND	0.0070	ND	0.2680
	12/3/1997		0.200	0.033	ND	ND	ND	ND	0.0050	ND	0.2380
	12/8/1998		0.329	0.0203	ND	ND	ND	ND	ND	ND	0.3493
	11/29/1999		0.277	0.0460	ND	ND	ND	ND	0.0120	ND	0.3350
	11/29/1999	Dup	0.224	0.0429	ND	ND	ND	ND	0.0069	ND	0.2738
	12/18/2000		0.177	0.0560	ND	ND	ND	ND	0.0050	ND	0.3350
	11/28/2001	(483)	0.160	0.044	ND	ND	ND	ND	0.0044	ND	0.2089
	11/26/2002	(550)	0.160	0.043	ND	ND	ND	ND	0.0030	ND	0.2065
	8/22/2007	(757)	0.150	0.070	<0.0013	<0.0013	<0.0013	<0.013	0.0042	<0.0013	0.2296

Table 3-4
Historical Water-Quality Data for On-Property and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Expressed in parts per million (ppm)

Well Number	Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Total VOCs
T-9	3/8/1984		0.0310	ND	ND	ND	ND	ND	ND	ND	0.0310
	6/14/1984		0.0240	ND	ND	ND	ND	ND	ND	ND	0.0240
	1/3/1985		0.0230	ND	ND	ND	ND	ND	ND	ND	0.0230
	1/3/1985		0.0500	0.001	ND	ND	ND	0.001	ND	ND	0.0520
	2/26/1985		0.0290	ND	ND	ND	ND	ND	ND	ND	0.0290
	5/16/1985		0.0180	ND	ND	ND	ND	ND	ND	ND	0.0180
	10/1/1986		0.0140	ND	ND	ND	ND	ND	ND	ND	0.0140
	10/1/1986		0.0150	ND	ND	ND	ND	ND	ND	ND	0.0150
	9/17/1987		0.0050	ND	ND	ND	ND	ND	ND	ND	0.0050
	3/16/1988		0.0095	ND	ND	ND	ND	ND	ND	ND	0.0095
	9/28/1988		0.0130	ND	ND	ND	ND	ND	ND	ND	0.0130
	3/15/1989		0.0083	ND	ND	ND	ND	0.001	ND	ND	0.0096
	9/23/1989		0.0200	ND	ND	ND	ND	ND	ND	ND	0.0200
	3/28/1990		0.0180	ND	ND	ND	ND	ND	ND	ND	0.0180
	9/21/1990		0.0120	ND	ND	ND	ND	ND	ND	ND	0.0120
	3/12/1991		0.0110	ND	ND	ND	ND	ND	ND	ND	0.0110
	9/11/1991	(120)	0.0091	ND	ND	ND	ND	ND	ND	ND	0.0110
	2/20/1992		0.0150	ND	ND	ND	ND	ND	ND	ND	0.0150
	8/19/1992		0.0033	ND	ND	ND	ND	ND	ND	ND	0.0033
	2/25/1993		0.0019	ND	ND	ND	ND	ND	ND	ND	0.0019
	8/17/1993		0.0023	ND	ND	ND	ND	ND	ND	ND	0.0023
	12/2/1994		0.00091	ND	ND	ND	ND	ND	ND	ND	0.0009
	12/6/1995		0.001	ND	ND	ND	ND	ND	ND	ND	0.0010
	12/5/1996		0.0024	ND	ND	ND	ND	ND	ND	ND	0.0024
	12/5/1997		0.0070	ND	ND	ND	ND	ND	ND	ND	0.0070
	12/8/1998	(355)	0.00851	0.0051	ND	ND	ND	0.00085	ND	ND	0.0150
	11/30/1999		0.00520	ND	ND	ND	ND	ND	ND	ND	0.0052
	12/18/2000		0.00162	ND	ND	ND	ND	ND	ND	ND	0.0016
	11/27/2001		0.0050	ND	ND	ND	ND	ND	ND	ND	0.0050
	11/25/2002		0.0052	ND	ND	ND	ND	ND	ND	ND	0.0052
	8/24/2007		0.0057	0.0013	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0070
	12/5/2014		0.0012	0.022	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	0.0016	0.0248
	6/27/2015	(965)	0.0010	0.110	<0.001	<0.001	<0.001	<0.004	<0.001	0.0008 J	0.1134
T-10	3/6/1984		0.0370	0.001	ND	ND	ND	ND	ND	ND	0.0380
	6/12/1984		0.0030	ND	ND	ND	ND	ND	ND	ND	0.0030
	12/20/1984		ND	ND	0.0049	ND	ND	0.001	ND	ND	0.0054
	2/26/1985		0.0041	ND	ND	ND	ND	0.000	ND	ND	0.0045
	5/14/1985		0.0140	0.020	ND	ND	ND	ND	ND	ND	0.0340
	8/7/1985		ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/1/1986		0.0080	ND	ND	ND	ND	ND	ND	ND	0.0080
	9/17/1987		0.0100	ND	ND	ND	ND	ND	ND	ND	0.0100
	3/16/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/27/1988		0.0020	ND	ND	ND	ND	ND	ND	ND	0.0020
	3/13/1989		0.0014	ND	ND	ND	ND	ND	ND	ND	0.0014
	9/23/1989		0.0012	ND	ND	ND	ND	ND	ND	ND	0.0012
	3/28/1990		0.0012	ND	ND	ND	ND	ND	ND	ND	0.0012
	9/21/1990		0.0048	ND	ND	ND	ND	ND	ND	ND	0.0048
	3/11/1991		0.0015	ND	ND	ND	ND	ND	ND	ND	0.0015
	9/11/1991	(121)	0.0500	ND	ND	ND	ND	0.001	ND	ND	0.0540
	2/20/1992		0.0510	ND	ND	ND	ND	ND	ND	ND	0.0510
	8/19/1992		0.0049	0.001	ND	ND	ND	ND	ND	ND	0.0057
	2/26/1993		0.0140	ND	ND	ND	ND	ND	ND	ND	0.0140
	2/26/1993		0.0130	ND	ND	ND	ND	ND	ND	ND	0.0130
	8/18/1993		0.0033	0.001	ND	ND	ND	ND	ND	ND	0.0045
	11/30/1994		0.0700	ND	ND	ND	ND	0.001	ND	ND	0.0713
	12/5/1995		0.0014	0.0017	ND	ND	ND	ND	ND	ND	0.0031
	12/4/1996		0.0010	ND	ND	ND	ND	ND	ND	ND	0.0010
	12/3/1997		0.0008	ND	ND	ND	ND	ND	ND	ND	0.0008
	12/7/1998		0.00068	ND	ND	ND	ND	ND	ND	ND	0.0007
	11/29/1999		0.00073	ND	ND	ND	ND	ND	ND	ND	0.0007
	12/20/2000		0.0001	ND	ND	ND	ND	ND	ND	ND	0.0001
	11/27/2001		0.0011	ND	ND	ND	ND	ND	ND	ND	0.0011
	11/26/2002		0.0007	ND	ND	ND	ND	ND	ND	ND	0.0007
	8/23/2007		0.0003J	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0003
	11/11/2013		0.0004J	0.0008	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0012
	12/5/2014	(943)	0.0003 J	0.035	<0.0005	<0.0005	<0.0005	<0.0020	<0.0005	0.036	0.0728

Table 3-4
Historical Water-Quality Data for On-Property and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Expressed in parts per million (ppm)

Well Number	Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Total VOCs
T-11	3/6/1984		4.2000	0.002	ND	ND	ND	ND	0.0060	ND	4.2080
	6/8/1984		9.8000	ND	ND	ND	ND	0.110	0.0050	ND	9.9150
	12/27/1984		3.0000	0.005	ND	ND	ND	0.085	0.0087	ND	3.0986
	2/28/1985		1.7000	0.006	ND	ND	ND	0.130	ND	ND	1.8357
	8/9/1985		5.2000	ND	ND	ND	ND	ND	ND	ND	5.2000
	10/1/1986		0.3800	ND	ND	ND	ND	+	ND	ND	0.3800
	1/15/1987		0.5700	0.002	ND	ND	ND	0.034	0.0010	ND	0.6070
	4/15/1987		0.3600	0.007	ND	ND	ND	0.030	0.0020	ND	0.3990
	4/15/1987		0.3900	0.006	0.0080	ND	ND	0.031	0.0020	ND	0.4370
	6/17/1987		1.9000	0.006	ND	0.0010	ND	0.024	0.0020	ND	1.9330
	9/16/1987		1.2000	0.022	0.0010	ND	ND	0.060	0.0050	ND	1.2880
	12/15/1987		0.6400	0.004	ND	ND	ND	0.050	0.0030	ND	0.6970
	3/16/1988		0.1100	ND	ND	ND	ND	ND	ND	ND	0.1100
	6/16/1988		1.9000	0.026	ND	ND	ND	0.016	ND	ND	1.9420
	6/16/1988	(12)	1.5000	0.021	ND	ND	ND	ND	0.0100	ND	1.5610
	9/29/1988		1.7000	ND	ND	ND	ND	ND	ND	ND	1.7000
	12/20/1988		1.7000	0.008	ND	ND	ND	0.024	0.0025	ND	1.7341
	3/13/1989		1.7000	ND	ND	ND	ND	ND	ND	ND	1.7000
	9/20/1989		1.8000	0.027	ND	ND	ND	0.058	0.0076	ND	1.8926
	3/29/1990		0.5100	ND	ND	ND	ND	ND	ND	ND	0.5100
	3/29/1990		0.5600	ND	ND	ND	ND	ND	ND	ND	0.5600
	9/21/1990		1.2000	ND	ND	ND	ND	ND	ND	ND	1.2000
	3/12/1991	(87)	0.5600	ND	ND	ND	ND	ND	ND	ND	0.5730
	6/6/1991		1.9000	ND	ND	ND	ND	ND	ND	ND	1.9000
	9/12/1991		2.5000	ND	ND	ND	ND	0.071	ND	ND	2.5710
	12/18/1991		0.9200	ND	ND	ND	ND	ND	ND	ND	0.9200
	2/20/1992	(156)	1.6000	ND	ND	ND	ND	ND	ND	ND	1.6580
	8/19/1992		0.1900	0.028	ND	ND	ND	0.003	ND	ND	0.2210
	11/18/1992		0.0580	0.140	ND	ND	ND	0.003	ND	ND	0.2008
	11/18/1992		0.0580	0.140	ND	ND	ND	0.003	ND	ND	0.2008
	2/26/1993		0.1600	ND	ND	ND	ND	ND	ND	ND	0.1600
	5/11/1993		1.2000	ND	ND	ND	ND	ND	ND	ND	1.2000
	8/18/1993	(196)	0.1300	0.003	ND	ND	ND	ND	ND	ND	0.1520
	11/16/1993		0.1200	ND	ND	ND	ND	ND	ND	ND	0.1200
	12/1/1994		1.100	ND	ND	ND	ND	ND	ND	ND	1.1000
	12/5/1995		1.200	0.019	ND	ND	ND	0.041	ND	ND	1.2600
	12/5/1995		1.600	0.023	ND	ND	ND	0.062	0.0080	ND	1.6930
	12/2/1996		1.200	ND	ND	ND	ND	0.045	0.008	ND	1.2530
	12/2/1996		1.700	ND	ND	ND	ND	0.056	ND	ND	1.7560
	12/3/1997		0.075	ND	ND	ND	ND	NA	ND	ND	0.0750
	12/8/1998		2.811	ND	ND	ND	ND	0.0358	ND	ND	2.8468
	11/29/1999	(426)	2.860	0.0556	ND	ND	ND	0.0764	ND	ND	3.013
	12/20/2000		0.825	0.0296	ND	ND	ND	0.0321	ND	ND	0.887
	11/28/2001	(484)	0.220	0.150	ND	ND	ND	0.011	ND	ND	0.384
	11/26/2002	(551)	0.370	0.074	ND	ND	ND	0.012	ND	ND	0.457
	5/21/2007	(729)	0.0120	0.038	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	0.0004J	0.051
	8/22/2007	(758)	0.0380	0.041	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	0.0005	0.080
	10/30/2007		0.0410	0.029	<0.0005	<0.0005	<0.0005	0.0026J	<0.0005	0.0024	0.075
	6/4/2008	(766)	0.0034	0.062	<0.0005	0.0003J	<0.0005	<0.005	<0.0005	0.0077	0.074
	11/5/2008		0.0005	0.011	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	0.0011	0.013
	5/12/2009		0.0004J	0.0022	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	0.0026
	11/12/2009		<0.0005	0.0015	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	0.0004J	0.0019
	5/27/2010		0.0008	0.0028	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	0.0005J	0.0041
	12/16/2010		0.0014	0.0056	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	0.0005J	0.0075
	5/19/2011		0.0047	0.0049	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	0.0004J	0.0100
	11/18/2011		0.0075	0.0041	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0116
	11/18/2011		0.0073	0.0040	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0113
	6/13/2012		0.0074	0.0037	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0111
	11/29/2012		0.0010	0.0007	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0017
	6/6/2013		0.0007	0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0012
	11/8/2013		0.0020	0.0017	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0037
	5/15/2014		0.0024	0.0013	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0037
	12/4/2014		NS	NS	NS	NS	NS	NS	NS	NS	NM
	7/1/2015		0.0260	0.003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0289
T-12	3/5/1984		ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/8/1984		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/19/1984		ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/28/1985		ND	ND	ND	ND	ND	ND	ND	0.0030	0.0030
	8/6/1985		ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/1/1986		ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/24/1987		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/17/1987		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/15/1987		ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/13/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/22/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/14/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/23/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/28/1990	(59)	ND	ND	ND	ND	ND	ND	ND	ND	0.0012
	9/20/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 3-4
Historical Water-Quality Data for On-Property and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Expressed in parts per million (ppm)

Well Number	Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Total VOCs
T-12	3/12/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/11/1991	(122)	0.0009	ND	ND	ND	ND	ND	ND	ND	0.0012
	2/19/1992		0.0006	ND	ND	ND	ND	ND	ND	ND	0.0006
	8/18/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/25/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/17/1993	(197)	ND	ND	ND	ND	ND	ND	ND	ND	0.0027
	11/30/1994	(286)	ND	ND	ND	ND	ND	ND	ND	ND	0.0011
	12/4/1995	(287)	ND	ND	ND	ND	ND	ND	ND	ND	0.0015
	12/3/1996	(288)	ND	ND	ND	ND	ND	ND	ND	ND	0.0013
	12/2/1997		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/9/1998	(358)	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/30/1999	(407)	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/19/2000		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/28/2001		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/26/2002		ND	0.0008	ND	ND	ND	ND	ND	ND	0.0008
T-13	3/7/1984		ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/8/1984		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/19/1984		ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/28/1985		ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/28/1985		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/6/1985		ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/1/1986		ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/24/1987		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/17/1987		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/15/1987		ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/13/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/21/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/14/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/24/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/28/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/20/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/12/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/11/1991	(123)	ND	ND	ND	ND	ND	ND	ND	ND	0.0008
	2/19/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/18/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/25/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/17/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/30/1994		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/4/1995		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/3/1996		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/2/1997		0.0008	ND	ND	ND	ND	ND	ND	ND	0.0008
	12/9/1998		0.00111	ND	ND	ND	ND	ND	ND	ND	0.0011
	12/9/1998		0.00112	ND	ND	ND	ND	ND	ND	ND	0.0011
	11/30/1999		0.00069	ND	ND	ND	ND	ND	ND	ND	0.0007
	12/19/2000		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/28/2001		0.0009	ND	ND	ND	ND	ND	ND	ND	0.0009
	11/26/2002	(571)	ND	ND	ND	ND	ND	ND	ND	ND	0.0005
	12/15/2003	(606)	0.0021	ND	ND	ND	ND	ND	ND	ND	0.0021
	12/3/2004		0.0021	ND	ND	ND	ND	ND	ND	ND	0.0021
	11/4/2005		0.0023	ND	ND	ND	ND	ND	ND	ND	0.0023
	12/5/2006		0.0020	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	ND	0.0020
	10/30/2007		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	ND
	11/11/2008		0.0021	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0021
	11/10/2009		0.0015	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	0.0015
	5/25/2010		0.0019	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	0.0019
	12/13/2010		0.0016	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	0.0016
	11/14/2011		0.0017	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	0.0017
	6/14/2012		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	ND
	11/27/2012		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	ND
	6/5/2013		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	ND
	6/5/2013		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	ND
	11/7/2013		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	ND
	12/4/2014		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	ND
	12/4/2014		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	ND
T-14	3/1/1984		0.2100	0.017	ND	ND	ND	ND	0.0040	ND	0.2310
	6/7/1984		1.8000	ND	0.0320	0.0020	0.0080	ND	0.0100	ND	1.8520
	6/12/1984		0.3400	0.029	0.0050	0.0020	ND	ND	ND	ND	0.3760
	6/12/1984		0.3700	0.027	0.0010	ND	0.0050	ND	ND	ND	0.4030
	12/27/1984		0.3100	0.040	ND	0.0010	ND	ND	ND	ND	0.3510
	2/27/1985		0.1600	0.027	0.0011	0.0011	ND	ND	ND	ND	0.1892
	2/27/1985		0.1100	0.005	ND	0.0023	0.0014	ND	ND	ND	0.1184
	5/16/1985		0.7300	0.064	0.0340	0.0030	0.0150	ND	0.0010	ND	0.8470
	8/8/1985		0.1300	0.045	ND	0.0220	0.0270	ND	0.0043	ND	0.2283
	8/8/1985		0.6600	0.041	ND	0.0087	0.0350	ND	ND	ND	0.7447
	10/2/1986		0.1800	0.019	ND	0.0010	ND	ND	ND	ND	0.2000
	4/15/1987		0.3800	0.024	ND	0.0010	ND	ND	ND	ND	0.4050
	9/17/1987		0.2300	0.052	0.0050	0.0030	0.0130	ND	0.0010	ND	0.3040
	3/16/1988		2.0000	0.088	0.0500	ND	ND	ND	ND	ND	2.1380

Table 3-4
Historical Water-Quality Data for On-Property and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Expressed in parts per million (ppm)

Well Number	Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Total VOCs
T-14	6/14/1988	(13)	0.4400	0.021	0.0018	0.0005	0.0041	ND	ND	ND	0.4677
	6/14/1988		0.6200	0.047	0.0069	ND	0.0080	ND	ND	ND	0.6819
	9/29/1988		0.6700	0.001	0.0130	0.0120	0.0130	ND	0.0050	ND	0.7140
	12/20/1988		2.2000	0.031	0.0260	0.0059	0.0140	ND	0.0039	ND	2.2808
	3/15/1989		1.5000	0.098	0.0390	0.0240	0.0220	ND	0.0150	ND	1.6980
	9/22/1989	(44)	1.5000	0.220	0.0630	ND	ND	ND	ND	ND	1.7888
	3/28/1990		0.4000	0.032	ND	ND	ND	ND	ND	ND	0.4320
	9/21/1990		0.3300	0.029	ND	ND	ND	ND	ND	ND	0.3590
	3/11/1991	(88)	0.4400	0.020	ND	ND	ND	ND	ND	ND	0.4760
	9/12/1991		0.3100	0.049	ND	ND	ND	ND	ND	ND	0.3590
	2/20/1992		0.3700	0.047	ND	ND	ND	ND	ND	ND	0.4170
	8/19/1992		0.2900	0.037	ND	ND	ND	ND	ND	ND	0.3270
	2/26/1993		0.2500	0.090	ND	ND	ND	ND	ND	ND	0.3400
	8/18/1993		0.3200	0.100	ND	ND	ND	ND	ND	ND	0.4200
	12/5/1994		0.2400	0.160	ND	ND	ND	ND	ND	ND	0.4000
	12/6/1995		0.2000	0.018	ND	ND	ND	ND	ND	ND	0.2180
	12/5/1996		0.130	0.190	ND	ND	ND	ND	ND	ND	0.3200
	12/5/1997		0.100	0.280	ND	ND	ND	ND	ND	ND	0.3800
	12/9/1998	(362)	0.110	0.0233	ND	0.0017	0.0384	ND	ND	ND	0.1750
	12/1/1999		0.116	0.304	ND	ND	ND	ND	ND	ND	0.4200
	12/19/2000		0.068	0.368	ND	ND	ND	ND	ND	ND	0.4363
	12/3/2001	(485)	0.062	0.310	ND	0.0014	0.0024	ND	ND	ND	0.3776
	12/3/2001	(486), Dup	0.056	0.290	ND	0.0012	0.0024	ND	ND	ND	0.3510
	11/22/2002	(557)	0.062	0.340	ND	0.0016	0.0025	ND	ND	ND	0.4077
	5/16/2014	(916)	0.180	0.200	<0.0013	0.0010 J	<0.0013	0.0039 J	0.0023	0.0084	0.3996
	12/5/2014	(944)	0.011	0.160	<0.0013	<0.0013	0.0010 J	<0.0050	<0.0013	<0.0013	0.1748
	6/27/2015		0.011	0.170	<0.0013	0.0007 J	0.0011 J	<0.005	<0.0013	<0.0013	0.1828
T-15	3/6/1984		0.0340	ND	ND	ND	ND	ND	ND	ND	0.0340
	6/7/1984		0.0510	ND	ND	ND	ND	ND	ND	ND	0.0510
	6/14/1984		0.0350	ND	ND	ND	ND	ND	ND	ND	0.0350
	12/20/1984		0.0460	0.001	ND	ND	ND	ND	ND	ND	0.0470
	12/20/1984		0.0290	ND	ND	ND	ND	ND	ND	ND	0.0290
	2/27/1985		0.0027	ND	ND	ND	ND	ND	ND	ND	0.0027
	2/27/1985		0.0340	ND	ND	ND	ND	ND	ND	ND	0.0340
	5/16/1985		0.0960	ND	0.0010	ND	ND	ND	ND	ND	0.0970
	8/7/1985		0.2600	ND	0.0022	ND	ND	ND	ND	ND	0.2622
	10/2/1986		0.0150	ND	ND	ND	ND	ND	ND	ND	0.0150
	9/17/1987		0.0170	ND	ND	ND	ND	ND	ND	ND	0.0170
	3/16/1988		0.0150	ND	ND	ND	ND	ND	ND	ND	0.0150
	9/28/1988		0.0130	ND	ND	ND	ND	ND	ND	ND	0.0130
	3/15/1989		0.0170	0.001	ND	ND	ND	ND	ND	ND	0.0177
	9/22/1989		0.0140	0.002	ND	ND	ND	ND	ND	ND	0.0158
	3/28/1990		NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/20/1990		NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/11/1991		NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/12/1991		NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/19/1992		NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/18/1992		NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/25/1993		0.0130	ND	ND	ND	ND	ND	ND	ND	0.0130
	8/17/1993		0.0160	0.001	ND	ND	ND	ND	ND	ND	0.0172
	12/5/1994		0.0120	0.001	ND	ND	ND	ND	ND	ND	0.0130
	10/7/1995		0.0140	0.001	ND	ND	ND	ND	ND	ND	0.0150
	12/5/1996		0.009	0.001	ND	ND	ND	ND	ND	ND	0.0100
	12/5/1997		0.008	0.001	ND	ND	ND	ND	ND	ND	0.0088
	12/9/1998	(361)	0.00621	0.00104	ND	ND	ND	ND	ND	ND	0.0167
	11/30/1999	(408)	0.0738	0.00088	ND	ND	ND	ND	ND	ND	0.0755
	12/20/2000		0.0070	0.00165	ND	ND	ND	ND	ND	ND	0.0086
	12/3/2001		0.0083	0.0015	ND	ND	ND	ND	ND	ND	0.0098
	11/22/2002		0.0095	0.0011	ND	ND	ND	ND	ND	ND	0.0106
	12/5/2014		0.0067	0.0018	<0.0005	<0.0005	<0.0005	<0.0020	<0.0005	<0.0005	0.0085
	6/27/2015		0.0034	0.0010	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0044
T-16	3/5/1984		0.2800	0.160	0.0070	ND	ND	0.004	0.0070	ND	0.4580
	6/12/1984		0.3600	0.350	ND	ND	ND	ND	ND	ND	0.7100
	12/21/1984		0.1200	0.100	0.0020	ND	ND	0.001	0.0044	ND	0.2275
	2/27/1985		0.2400	0.150	0.0021	ND	ND	0.006	0.0130	ND	0.4112
	8/8/1985		3.0000	0.350	0.0040	0.0051	ND	ND	ND	ND	3.3591
	10/2/1986		0.1100	0.045	ND	ND	ND	ND	ND	ND	0.1550
	7/24/1987		0.1200	0.039	0.0017	ND	ND	0.002	0.0065	ND	0.1695
	7/24/1987		0.1300	0.039	0.0017	ND	ND	0.003	0.0076	ND	0.1814
	9/17/1987		0.1500	0.039	0.0020	ND	ND	0.004	0.0070	ND	0.2020
	12/15/1987		0.1600	0.017	0.0012	ND	ND	0.002	0.0070	ND	0.1874
	6/14/1988		0.1400	ND	ND	0.0230	ND	ND	0.0083	ND	0.1713
	6/14/1988		0.1400	ND	ND	0.0220	ND	ND	0.0083	ND	0.1703
	12/20/1988		0.1500	0.018	0.0012	ND	ND	0.002	0.0080	ND	0.1794
T-17	3/2/1984		2.0000	0.031	ND	ND	ND	0.094	0.0130	ND	2.1380
	5/10/1984		3.8000	0.039	ND	ND	ND	0.053	0.0110	ND	3.9030
	1/4/1985		1.8000	0.044	ND	ND	ND	0.077	0.0130	ND	1.9340

Table 3-4
Historical Water-Quality Data for On-Property and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Expressed in parts per million (ppm)

Well Number	Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Total VOCs
T-17	2/28/1985		2.0000	0.039	0.0010	ND	ND	0.054	0.0240	ND	2.1180
	8/14/1985		4.9000	0.081	ND	0.0080	ND	ND	0.2600	ND	5.2490
T-18	3/2/1984		2.6000	0.410	ND	ND	ND	0.047	0.0030	ND	3.0600
	5/10/1984		2.5000	0.540	ND	ND	ND	0.027	ND	ND	3.0670
	1/4/1985		2.2000	0.510	ND	ND	ND	0.034	0.0040	ND	2.7480
	2/28/1985		1.8000	0.400	ND	ND	ND	0.024	0.0058	ND	2.2298
	8/14/1985		5.9000	0.630	ND	0.0210	0.0065	ND	0.0250	ND	6.5825
T-19	12/19/1984		ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/1/1986		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/17/1987		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/17/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/27/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/15/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/23/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/28/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/20/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/11/1991	(89)	ND	ND	ND	ND	ND	ND	ND	ND	0.0010
	9/11/1991	(124)	ND	ND	ND	ND	ND	ND	ND	ND	0.0009
	2/19/1992	(157)	ND	ND	ND	ND	ND	ND	ND	ND	0.0038
	8/18/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/25/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/17/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/5/1994	(289)	ND	ND	ND	ND	ND	ND	ND	ND	0.0018
	12/5/1995	(290)	ND	ND	ND	ND	ND	ND	ND	ND	0.0020
	12/5/1996		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/2/1997		ND	ND	ND	ND	ND	ND	ND	ND	0.0000
	12/9/1998	(359)	ND	ND	ND	ND	ND	ND	ND	ND	0.0012
	12/1/1999	(410)	ND	ND	ND	ND	ND	ND	ND	ND	0.0016
	12/8/2000		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/28/2001	(487)	ND	ND	ND	ND	ND	ND	ND	ND	0.0013
	11/26/2002	(552)	ND	ND	ND	ND	ND	ND	ND	ND	0.0007
T-20	12/19/1984		ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/1/1986		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/17/1987		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/16/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/27/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/15/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/23/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/28/1990	(60)	0.0047	ND	ND	ND	ND	ND	ND	ND	0.0094
	9/20/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/11/1991	(90)	ND	ND	ND	ND	ND	ND	ND	ND	0.0010
	9/11/1991	(125)	ND	ND	ND	ND	ND	ND	ND	ND	0.0010
	2/19/1992	(158)	ND	ND	ND	ND	ND	ND	ND	ND	0.0073
	8/19/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/25/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/17/1993	(198)	ND	ND	ND	ND	ND	ND	ND	ND	0.0043
	12/2/1994	(291)	ND	ND	ND	ND	ND	ND	ND	ND	0.0051
	12/5/1995	(292)	ND	ND	ND	ND	ND	ND	ND	ND	0.0023
	12/5/1996		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/2/1997	(333)	ND	ND	ND	ND	ND	ND	ND	ND	0.002
	12/2/1997	(334)	ND	ND	ND	ND	ND	ND	ND	ND	0.002
	12/9/1998		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/1/1999	(409)	ND	ND	ND	ND	ND	ND	ND	ND	0.018
	12/19/2000		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/28/2001	(488)	ND	ND	ND	ND	ND	ND	ND	ND	0.0016

Table 3-4
Historical Water-Quality Data for On-Property and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Expressed in parts per million (ppm)

Well Number	Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Total VOCs
T-20	11/26/2002	(553)	ND	ND	ND	ND	ND	ND	ND	ND	0.0011
	12/15/2003	(616)	0.0007	ND	ND	ND	ND	ND	ND	ND	0.0021
	12/3/2004	(639)	ND	ND	ND	ND	ND	ND	ND	ND	0.0015
	11/4/2005	(688)	ND	ND	ND	ND	ND	ND	ND	ND	0.0012
	12/5/2006	(724)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0012
	10/31/2007	(735)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0016
	11/10/2008	(774)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0013
	11/10/2009	(797)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	0.0012
	12/13/2010	(815)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	0.0010
	11/14/2011	(833)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	0.0008
	11/26/2012	(865)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0009J
	11/6/2013	(894)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0015
	5/16/2014	(917)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0010
	12/4/2014	(945)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0007 J
T-31	6/18/1987		0.0073	ND	ND	ND	ND	ND	ND	ND	0.0073
	6/22/1987		0.0070	ND	ND	ND	ND	ND	ND	ND	0.0070
	9/17/1987		0.0070	0.006	ND	ND	ND	ND	ND	ND	0.0130
	3/17/1988		0.0057	ND	ND	ND	ND	ND	ND	ND	0.0057
	9/27/1988		0.0040	ND	ND	ND	ND	ND	ND	ND	0.0040
	3/15/1989		0.0026	ND	ND	ND	ND	ND	ND	ND	0.0026
	9/26/1989		0.0013	ND	ND	ND	ND	ND	ND	ND	0.0013
	3/28/1990	(61)	0.0014	ND	ND	ND	ND	ND	ND	ND	0.0051
	9/21/1990		0.0021	ND	ND	ND	ND	ND	ND	ND	0.0021
	9/28/1990		0.0010	ND	ND	ND	ND	ND	ND	ND	0.0010
	3/11/1991	(91)	0.0024	ND	ND	ND	ND	ND	ND	ND	0.0040
	9/11/1991		0.0020	ND	ND	ND	ND	ND	ND	ND	0.0020
	2/20/1992	(159)	0.0010	ND	ND	ND	ND	ND	ND	ND	0.0044
	8/18/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/26/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/17/1993	(199)	0.0017	ND	ND	ND	ND	ND	ND	ND	0.0058
	12/1/1994	(293)	0.0011	ND	ND	ND	ND	ND	ND	ND	0.0048
	12/5/1995	(294)	0.0013	0.00093	ND	ND	ND	ND	ND	ND	0.0041
	12/5/1996		NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/4/1997		0.0039	0.00360	ND	ND	ND	ND	ND	ND	0.0075
	12/21/1998	(363)	0.00365	0.00234	ND	ND	ND	ND	ND	ND	0.0073
	11/30/1999	(406)	0.00386	0.00493	ND	ND	ND	ND	ND	ND	0.0098
	12/19/2000		0.00398	0.00821	ND	ND	ND	ND	ND	ND	0.0122
	11/28/2001		0.00330	0.00510	ND	ND	ND	ND	ND	ND	0.0084
	11/26/2002		0.00380	0.00620	ND	ND	ND	ND	ND	ND	0.0100
	8/23/2007	(760)	0.00430	0.00830	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0132
	12/5/2014	(746)	0.0017	0.0026	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0052
	6/26/2015		0.0014	0.0041	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0055

Table 3-4
Historical Water-Quality Data for On-Property and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Expressed in parts per million (ppm)

Well Number	Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Total VOCs
T-32I	2/12/1986		1.3000	0.030	ND	ND	ND	0.040	ND	ND	1.3700
	6/18/1987		0.7800	0.006	ND	ND	ND	0.049	0.0037	ND	0.8387
	6/22/1987		0.9500	ND	ND	ND	ND	ND	ND	ND	0.9500
	6/22/1987		0.7200	ND	ND	ND	ND	ND	ND	ND	0.7200
	9/17/1987		2.1000	0.012	0.0010	0.0003	ND	0.092	0.0060	ND	2.2113
	9/17/1987		2.1000	0.012	0.0010	0.0003	ND	0.090	0.0050	ND	2.2083
	12/16/1987		1.2000	0.004	0.0010	ND	ND	0.078	0.0050	ND	1.2880
	3/18/1988		1.3000	0.005	ND	ND	ND	0.054	ND	ND	1.3590
	3/18/1988		1.4000	0.006	ND	ND	ND	0.059	ND	ND	1.4643
	4/13/1988		2.3000	0.011	0.0010	ND	0.0005	1.200	0.0040	ND	3.5165
	6/15/1988	(14)	2.5000	0.015	ND	ND	ND	0.290	0.0060	ND	2.8170
	9/29/1988		2.9000	ND	ND	ND	ND	ND	ND	ND	2.9000
	12/30/1988		1.9000	0.006	ND	ND	ND	ND	0.0025	ND	1.9085
	3/13/1989		1.9000	0.011	ND	ND	ND	0.057	0.0038	ND	1.9718
	3/15/1989		0.5800	0.023	ND	ND	ND	0.027	0.0060	ND	0.6360
	6/12/1989		1.5000	ND	ND	ND	ND	ND	ND	ND	1.5000
	6/12/1989		0.7200	ND	ND	ND	ND	ND	ND	ND	0.7200
	9/22/1989		1.7000	ND	ND	ND	ND	ND	ND	ND	1.7000
	1/5/1990		1.4000	ND	ND	ND	ND	0.061	ND	ND	1.4610
	3/29/1990		0.9600	ND	ND	ND	ND	ND	ND	ND	0.9600
	6/28/1990		1.1000	ND	ND	ND	ND	ND	ND	ND	1.1000
	6/28/1990		1.2000	ND	ND	ND	ND	ND	ND	ND	1.2000
	9/21/1990		0.9900	ND	ND	ND	ND	ND	ND	ND	0.9900
	12/20/1990		1.7000	ND	ND	ND	ND	ND	ND	ND	1.7000
	3/11/1991	(92)	1.6000	ND	ND	ND	ND	ND	ND	ND	1.6570
	6/6/1991		1.4000	ND	ND	ND	ND	ND	ND	ND	1.4000
	9/12/1991	(126)	1.9000	ND	ND	ND	ND	0.073	ND	ND	2.1430
	12/18/1991		2.1000	ND	ND	ND	ND	ND	ND	ND	2.1000
	12/18/1991		2.2000	ND	ND	ND	ND	ND	ND	ND	2.2000
	2/20/1992		2.0000	ND	ND	ND	ND	ND	ND	ND	2.0000
	5/19/1992		1.7000	ND	ND	ND	ND	ND	ND	ND	1.7000
	8/19/1992		1.8000	ND	ND	ND	ND	ND	ND	ND	1.8000
	11/18/1992		1.5000	ND	ND	ND	ND	0.056	ND	ND	1.5560
	2/26/1993		1.4000	ND	ND	ND	ND	ND	ND	ND	1.4000
	5/11/1993		1.2000	ND	ND	ND	ND	ND	ND	ND	1.2000
	8/17/1993		1.2000	ND	ND	ND	ND	0.040	ND	ND	1.2400
	11/16/1993		0.8900	ND	ND	ND	ND	ND	ND	ND	0.8900
	2/15/1994		0.8300	0.031	ND	ND	ND	ND	ND	ND	0.8610
	5/19/1994		1.2000	0.031	ND	ND	ND	0.035	ND	ND	1.2660
	8/17/1994	(295)	1.1000	0.028	ND	ND	ND	0.031	ND	ND	1.2590
	12/1/1994		1.2000	0.037	ND	ND	ND	0.028	ND	ND	1.2650
	2/15/1995		1.1000	ND	ND	ND	ND	ND	ND	ND	1.1000
	5/16/1995		1.2000	0.040	ND	ND	ND	ND	ND	ND	1.2400
	8/17/1995		1.4000	0.032	ND	ND	ND	0.042	ND	ND	1.4740
	8/17/1995		1.3000	0.034	ND	ND	ND	0.042	ND	ND	1.3760
	12/5/1995		1.2000	ND	ND	ND	ND	0.030	ND	ND	1.2300
	2/12/1996		1.2000	0.028	ND	ND	ND	0.044	ND	ND	1.2720
	5/13/1996		0.9900	ND	ND	ND	ND	ND	ND	ND	0.9900
	5/13/1996		0.9900	ND	ND	ND	ND	ND	ND	ND	0.9900
	8/15/1996		1.1000	ND	ND	ND	ND	ND	ND	ND	1.1000
	12/4/1996		1.1000	ND	ND	ND	ND	ND	ND	ND	1.1000
	2/12/1997		1.1000	ND	ND	ND	ND	0.035	ND	ND	1.1350
	2/12/1997	(296)	1.2000	0.031	ND	ND	ND	0.037	ND	ND	1.2990
	2/15/1997		1.3000	0.027	ND	ND	ND	ND	ND	ND	1.3270
	5/14/1997		1.6000	ND	ND	ND	ND	ND	ND	ND	1.6000
	8/28/1997		1.1000	0.020	ND	ND	ND	0.030	ND	ND	1.1500
	12/4/1997		1.2000	0.030	ND	ND	ND	0.030	0.0100	ND	1.2700
	2/19/1998	(342)	1.2000	0.029	ND	ND	ND	0.033	0.007	ND	1.2780
	6/4/1998		1.4000	0.030	ND	ND	ND	0.040	ND	ND	1.4700
	8/14/1998		1.5100	ND	ND	ND	ND	ND	ND	ND	1.5100
	8/14/1998		1.5300	ND	ND	ND	ND	ND	ND	ND	1.5300
	12/8/1998	(350)	3.480	0.070	ND	ND	ND	0.131	0.0208	ND	3.7326
	2/25/1999		1.370	ND	ND	ND	ND	0.0552	ND	ND	1.4252
	2/25/1999	Dup	1.380	ND	ND	ND	ND	0.0552	ND	ND	1.4352
	6/3/1999	(396)	1.340	ND	ND	ND	ND	0.0496	ND	ND	1.3896
	8/12/1999		1.350	ND	ND	ND	ND	0.0496	ND	ND	1.3996
	11/29/1999		2.930	0.0636	ND	ND	ND	0.0768	0.0280	ND	3.1292
	3/15/2000		1.070	0.046	ND	ND	ND	0.0432	ND	ND	1.1588
	3/15/2000	Dup	1.103	0.046	ND	ND	ND	0.0440	ND	ND	1.1934
	5/11/2000	(436)	4.920	0.133	ND	ND	ND	0.1580	ND	ND	5.2540
	5/11/2000	Dup(437)	4.870	0.141	ND	ND	ND	0.1600	ND	ND	5.2174
	8/30/2000		1.340	0.046	ND	ND	ND	0.0525	ND	ND	1.4381
	8/30/2000		1.140	0.040	ND	ND	ND	0.0489	ND	ND	1.2289
	11/30/2000		1.100	0.052	ND	ND	ND	0.0313	ND	ND	1.1834
	3/5/2001		0.965	0.053	ND	ND	ND	0.0316	ND	ND	1.0494
	3/5/2001	Dup	1.289	0.063	ND	ND	ND	0.0470	ND	ND	1.3987
	5/15/2001		1.120	0.042	ND	ND	ND	0.0361	ND	ND	1.1977
	5/15/2001	Dup	1.110	0.042	ND	ND	ND	0.0381	ND	ND	1.1899
	8/14/2001	(468)	1.100	0.036	ND	ND	ND	0.0390	0.0082	ND	1.1907
	8/14/2001	(469)dup	1.000	0.034	ND	ND	ND	ND	0.0052	ND	1.0465

Table 3-4
Historical Water-Quality Data for On-Property and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Expressed in parts per million (ppm)

Well Number	Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Total VOCs
T-32I	11/28/2001	(489)	1.000	0.043	ND	ND	ND	0.0390	0.0065	ND	1.0965
	11/28/2001	(490), Dup	0.950	0.040	ND	ND	ND	0.0360	0.0061	ND	1.0427
	2/12/2002	(512)	1.100	0.035	ND	ND	ND	ND	0.0052	ND	1.1466
	2/12/2002	(513) Dup	1.100	0.037	ND	ND	ND	0.0370	0.0049	ND	1.1851
	5/14/2002	(520)	1.100	0.041	ND	ND	ND	0.0370	0.0053	ND	1.1904
	5/14/2002	(521)	1.200	0.040	ND	ND	ND	ND	0.0073	ND	1.2526
	8/9/2002	(523)	1.000	0.045	ND	ND	ND	0.05	0.0053	ND	1.1063
	8/9/2002	(524)	1.100	0.044	ND	ND	ND	0.05	0.0058	ND	1.2058
	11/27/2002	(546)	1.300	0.036	ND	ND	ND	0.0360	0.0054	ND	1.3886
	2/27/2003	(572)	1.200	0.051	ND	ND	ND	0.0370	0.0048	ND	1.3017
	2/27/2003	(573) Dup	1.200	0.055	ND	ND	ND	0.0380	0.0047	ND	1.3085
	6/17/2003	(581)	0.970	0.050	ND	ND	ND	ND	0.0069	ND	1.0353
	6/17/2003	(582) Dup	1.000	0.045	ND	ND	ND	ND	0.0071	ND	1.0612
	9/30/2003	(596)	1.100	0.053	ND	ND	ND	0.0390	0.0048	ND	1.2101
	12/19/2003	(613)	1.000	0.054	ND	ND	ND	0.0400	0.0053	ND	1.1045
	3/31/2004	(620)	0.980	0.057	ND	ND	ND	0.0370	0.0050	ND	1.0854
	3/31/2004	(621) Dup	0.870	0.050	ND	ND	ND	ND	0.0041	ND	0.9291
	6/24/2004	(624)	0.760	0.044	ND	ND	ND	0.0240	0.0035	ND	0.8345
	9/22/2004	(630)	0.730	0.043	ND	ND	ND	ND	ND	ND	0.7878
	12/2/2004	(640)	0.9900	0.0440	ND	ND	ND	0.0350J	0.0046J	ND	1.0848
	2/10/2005	(658)	0.8200	0.0360	ND	ND	ND	ND	0.0036J	ND	0.8688
	5/11/2005	(659)	0.9100	0.0520	ND	ND	ND	0.0390J	0.0045J	ND	1.0183
	8/17/2005	(667)	0.8900	0.0410	ND	ND	ND	ND	0.0035J	ND	0.9401
	11/4/2005	(684)	0.9600	0.0530	ND	ND	ND	0.0490J	0.0064	ND	1.0796
	Pumping stopped December 14, 2005										
	3/14/2006	(696)	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/18/2006	(696)	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/20/2006	(696)	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/5/2006	(696)	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/22/2007		<0.025	0.0270	<0.025	<0.025	<0.025	<0.250	<0.025	0.0710	0.0980
T-33I	1/4/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/4/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/6/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/15/1988		ND	0.000	ND	ND	ND	ND	0.0003	ND	0.0006
	12/21/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/26/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/20/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/11/1991	(127)	ND	ND	ND	ND	ND	ND	ND	ND	0.0012
	8/18/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/17/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/1/1994		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/4/1995		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/4/1996		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/2/1997		ND	ND	ND	ND	ND	ND	ND	ND	0.0000
	12/8/1998		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/30/1999		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/19/2000		0.0005	ND	ND	ND	ND	ND	ND	ND	0.0005
	11/28/2001		0.0006	ND	ND	ND	ND	ND	ND	ND	0.0006
	11/26/2002		0.0006	ND	ND	ND	ND	ND	ND	ND	0.0006
	8/22/2007		0.0011	0.0003J	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0014

Table 3-4
Historical Water-Quality Data for On-Property and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Expressed in parts per million (ppm)

Well Number	Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Total VOCs
T-34S	1/4/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/4/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/6/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/17/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/27/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/15/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/26/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/28/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/21/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/12/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/12/1991		NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/20/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/19/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/25/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/17/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/5/1994		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/6/1995		ND	ND	0.00099	ND	ND	ND	ND	ND	0.00099
	12/5/1996		ND	ND	0.0021	ND	0.0023	ND	ND	ND	0.0044
	12/2/1997		ND	0.0008	0.0016	ND	0.0027	ND	ND	ND	0.0051
	12/9/1998		ND	0.00121	0.00134	ND	0.0020	ND	ND	ND	0.00455
	11/30/1999		ND	0.00362	0.00115	ND	0.00296	ND	ND	ND	0.00773
	12/8/2000		0.00055	0.0119	ND	0.00051	0.00476	ND	ND	ND	0.01772
	11/28/2001		0.0015	0.0220	0.0011	0.0006	0.0038	ND	ND	ND	0.0290
	11/26/2002		0.0006	0.0260	0.0007	0.0010	0.0029	ND	ND	ND	0.0312
RA-1	10/1/1986		1.5000	0.320	0.0100	0.0010	ND	+	0.0360	ND	1.8670
	10/1/1986		1.6000	0.320	0.0100	0.0010	ND	+	0.0390	ND	1.9700
	10/22/1986		1.6000	ND	0.0240	0.0070	0.0040	ND	0.0430	ND	1.6780
	10/29/1986		0.9100	0.220	0.0220	0.0050	0.0050	ND	0.0370	ND	1.1990
	11/5/1986		1.7000	0.150	0.0160	0.0040	ND	0.110	0.0280	ND	2.0080
	11/12/1986		0.4500	0.100	0.0170	0.0040	ND	0.110	0.0390	ND	0.7200
	11/13/1986		1.7000	0.220	0.0160	0.0040	ND	0.110	0.0280	ND	2.0780
	11/16/1986		0.4500	0.150	0.0170	0.0040	ND	0.110	0.0390	ND	0.7700
	11/19/1986		0.5200	0.076	0.0130	0.0040	ND	0.073	0.0130	ND	0.6990
	11/26/1986		0.5900	0.080	0.0160	0.0060	ND	0.085	0.0130	ND	0.7900
	12/3/1986		0.5800	0.096	0.0140	0.0040	ND	0.080	0.0130	ND	0.7870
	12/11/1986		0.5400	0.080	0.0130	0.0030	ND	0.077	0.0180	ND	0.7310
	12/17/1986		0.5000	0.080	0.0130	0.0040	ND	0.081	0.0150	ND	0.6930
	12/23/1986		0.6000	0.100	0.0070	0.0030	ND	0.073	0.0060	ND	0.7890
	12/30/1986		0.5400	0.090	0.0120	0.0040	0.0070	0.075	0.0130	ND	0.7410
	1/7/1987		0.4800	0.100	0.0080	0.0030	ND	0.059	0.0180	ND	0.6680
	1/13/1987		0.5700	0.060	0.0110	0.0020	0.0110	0.074	0.0140	ND	0.7420
	1/21/1987		1.1000	0.130	0.0120	0.0030	ND	0.073	0.0310	ND	1.3490
	1/28/1987		0.9300	0.180	0.0120	0.0040	ND	0.078	0.0160	ND	1.2200
	2/4/1987		1.4000	0.130	0.0250	0.0030	ND	0.240	0.0310	ND	1.8290
	3/19/1987		0.5000	0.065	0.0100	0.0010	ND	0.062	0.0170	ND	0.6550
	4/15/1987		0.4800	0.080	0.0100	0.0010	ND	0.067	0.0240	ND	0.6620
	5/14/1987		0.7700	0.088	0.0090	0.0030	ND	0.082	0.0290	ND	0.9810
	6/17/1987		1.4000	0.190	0.0080	0.0030	ND	0.180	0.0530	ND	1.8340
	7/14/1987		0.6400	0.076	0.0120	0.0030	ND	0.058	0.0260	ND	0.8150
	8/19/1987		0.8400	0.130	0.0100	0.0041	0.0270	0.056	0.0270	ND	1.0941
	9/17/1987		1.0000	0.180	0.0140	0.0040	0.0190	0.076	0.0340	ND	1.3270
	10/13/1987		0.9400	0.150	0.0110	0.0050	ND	0.055	0.0240	ND	1.1850
	11/10/1987		0.8200	0.078	0.0120	0.0050	ND	0.063	0.0260	ND	1.0040
	12/16/1987		0.6100	0.052	0.0110	0.0040	ND	0.099	0.0290	ND	0.8050
	3/18/1988		0.9200	0.140	0.0067	ND	ND	0.042	0.0210	ND	1.1297
	4/13/1988		0.8460	0.130	0.0076	0.0017	0.0017	0.920	0.0150	ND	1.9220
	6/15/1988	(15)	1.1000	0.110	0.0065	0.0014	0.0020	0.170	0.0200	ND	1.4262
	9/29/1988		0.9200	0.120	ND	ND	ND	ND	0.0240	ND	1.0640
	12/20/1988		1.0000	0.130	ND	ND	ND	ND	0.0054	ND	1.1354
	3/13/1989		0.7800	0.120	ND	ND	ND	ND	0.0060	ND	0.9060
	6/12/1989		0.6500	ND	ND	ND	ND	ND	ND	ND	0.6500
	9/22/1989		0.8000	0.170	ND	ND	ND	ND	ND	ND	0.9700
	1/5/1990		0.7500	0.095	ND	ND	ND	ND	ND	ND	0.8450
	3/28/1990		0.4000	0.063	ND	ND	ND	0.013	ND	ND	0.4760
	6/28/1990		0.5000	0.094	ND	ND	ND	0.031	ND	ND	0.6250
	9/21/1990		0.7400	0.150	ND	ND	ND	0.038	0.0210	ND	0.9490
	12/20/1990		0.6100	0.110	ND	ND	ND	ND	ND	ND	0.7200
	3/11/1991	(98)	0.7600	0.120	ND	ND	ND	ND	ND	ND	0.8950
	6/6/1991		0.5100	0.088	ND	ND	ND	ND	ND	ND	0.5980
	6/6/1991		0.5000	0.083	ND	ND	ND	ND	ND	ND	0.5830
	9/12/1991	(134)	0.8100	0.280	ND	ND	ND	ND	0.0180	ND	1.1990
	12/18/1991		1.1000	0.220	ND	ND	ND	0.054	0.0270	ND	1.4010
	2/20/1992		0.8600	0.226	ND	ND	ND	ND	ND	ND	1.0860
	5/19/1992		0.5700	0.120	ND	ND	ND	ND	ND	ND	0.6900
	8/19/1992		0.7300	0.130	ND	ND	ND	0.023	0.0100	ND	0.8930
	11/18/1992		0.6100	0.150	ND	ND	ND	0.035	0.0240	ND	0.8190
	2/26/1993		0.5800	0.130	ND	ND	ND	0.033	0.0180	ND	0.7610
	5/11/1993		0.5700	0.092	ND	ND	ND	0.058	0.0240	ND	0.7440

Table 3-4
Historical Water-Quality Data for On-Property and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Expressed in parts per million (ppm)

Well Number	Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Total VOCs
RA-1	11/16/1993		0.4500	0.083	ND	ND	ND	0.030	0.0170	ND	0.5800
	2/15/1994	(204)	0.5400	0.098	ND	ND	ND	0.033	0.0200	ND	0.6920
	2/15/1994	(203)	0.5100	0.093	ND	ND	ND	0.031	0.0190	ND	0.6630
	5/19/1994	(218)	0.5100	0.078	ND	ND	ND	0.033	0.0190	ND	0.6510
	5/19/1994	(217)	0.5000	0.073	ND	ND	ND	0.034	0.0190	ND	0.6360
	8/17/1994	(297)	0.5400	0.081	ND	ND	ND	0.038	0.0190	ND	0.7220
	12/1/1994		0.5300	0.083	ND	ND	ND	0.029	0.0180	ND	0.6600
	2/15/1995		0.4400	0.074	ND	ND	ND	0.030	0.0180	ND	0.5620
	5/16/1995		0.4800	0.075	ND	ND	ND	0.041	0.0190	ND	0.6150
	5/16/1995	(298)	0.3800	0.066	ND	ND	ND	0.038	0.0170	ND	0.5088
	8/17/1995		0.3900	0.053	ND	ND	ND	0.021	0.0130	ND	0.4770
	12/6/1995		0.3400	0.052	ND	ND	ND	0.013	0.0110	ND	0.4160
	2/12/1996		0.3500	0.050	ND	ND	ND	ND	ND	ND	0.4000
	5/13/1996		0.2500	0.042	ND	ND	ND	0.010	0.0080	ND	0.3100
	8/15/1996	(300)	0.2900	0.048	ND	ND	ND	0.011	0.0110	NA	0.3683
	8/15/1996	(299)	0.3100	0.053	ND	ND	ND	0.013	0.0120	NA	0.3969
	12/3/1996	(301)	0.2900	0.051	ND	ND	ND	0.013	0.0110	NA	0.3735
	2/12/1997	(302)	0.2400	0.046	ND	ND	ND	0.008	0.0091	NA	0.3149
	5/14/1997		0.3700	0.064	ND	ND	ND	0.010	0.0110	NA	0.4550
	5/14/1997		0.3500	0.060	ND	ND	ND	ND	0.0100	NA	0.4200
	8/28/1997	(310)	0.270	0.048	ND	ND	ND	0.007	0.007	ND	0.336
	8/28/1997	(309)	0.270	0.046	ND	ND	ND	0.007	0.007	ND	0.334
	12/4/1997	(329)	0.250	0.041	ND	ND	ND	0.006	0.008	ND	0.305
	2/19/1998	(341)	0.230	0.038	ND	ND	ND	0.004	0.006	ND	0.2830
	6/4/1998	(345)	0.240	0.040	ND	ND	ND	0.006	0.006	ND	0.2950
	8/14/1998	(349)	0.396	0.0487	ND	ND	ND	0.0118	0.0154	ND	0.4864
	12/8/1998	(351)	0.601	0.0241	ND	ND	ND	0.015	0.0098	ND	0.6499
	2/25/1999	(385)	0.446	0.0566	ND	ND	ND	0.0156	0.0168	ND	0.5564
	6/3/1999	(390)	0.274	0.0334	ND	ND	ND	0.0100	0.0114	ND	0.3436
	8/12/1999	(397)	0.316	0.0404	ND	ND	ND	0.0118	0.0136	ND	0.3938
	8/12/1999	(398)	0.286	0.0403	ND	ND	ND	0.0103	0.0119	ND	0.3592
	11/29/1999	(427)	0.257	0.0377	ND	ND	ND	0.0067	0.0116	ND	0.3231
	3/15/2000		0.159	0.0398	ND	ND	ND	ND	ND	ND	0.1988
	5/11/2000	(435)	0.210	0.0377	ND	ND	ND	ND	ND	ND	0.2580
	8/30/2000	(440)	0.177	0.0427	ND	ND	ND	ND	0.0061	ND	0.2339
	11/30/2000	(444)	0.137	0.0413	ND	ND	ND	ND	ND	ND	0.1850
	3/5/2001	(455)	0.125	0.0395	ND	ND	ND	ND	0.0039	ND	0.1684
	5/15/2001	(461)	0.151	0.0359	ND	ND	ND	0.0025	0.0048	ND	0.2003
	8/14/2001	(470)	0.140	0.0340	ND	ND	ND	ND	0.0045	ND	0.1832
	11/27/2001	(491)	0.160	0.041	ND	ND	ND	ND	0.0046	ND	0.2102
	11/27/2001	(492), Dup	0.160	0.040	ND	ND	ND	ND	0.0050	ND	0.2096
	11/26/2002	(556)	0.170	0.042	ND	ND	ND	ND	0.0039	ND	0.2201
	2/27/2003	(574)	0.180	0.049	ND	ND	ND	ND	0.0042	ND	0.2370
	6/17/2003	(583)	0.130	0.034	ND	ND	ND	ND	0.0054	ND	0.1743
	9/30/2003	(595)	0.130	0.041	0.0005	ND	ND	ND	0.0040	ND	0.1803
	12/19/2003	(617)	0.160	0.044	ND	ND	ND	ND	0.0042	ND	0.2113
	3/31/2004	(622)	0.140	0.040	ND	ND	ND	ND	0.0056	ND	0.1900
	6/24/2004	(625)	0.120	0.036	ND	ND	ND	ND	0.0054	ND	0.1662
	9/22/2004	(631)	0.100	0.036	ND	ND	ND	ND	0.0028	ND	0.1428
	12/2/2004	(641)	0.1100	0.0270	ND	ND	ND	ND	0.0027	ND	0.1402
	2/10/2005	(657)	0.0880	0.0270	ND	0.0003J	0.0003J	ND	0.0028	ND	0.1194
	5/11/2005	(660)	0.0870	0.0280	ND	0.0003J	ND	ND	0.0026	ND	0.1182
	8/17/2005	(668)	0.0920	0.0250	ND	0.0003J	ND	ND	0.0034	ND	0.1210
	11/4/2005	(683)	0.0950	0.0300	ND	0.0003J	0.0003J	ND	0.0036	ND	0.1295
	3/14/2006	(696)	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/18/2006	(696)	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/20/2006	(696)	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/5/2006	(696)	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 3-4
Historical Water-Quality Data for On-Property and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Expressed in parts per million (ppm)

Well Number	Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Total VOCs
PZ-1S	10/10/1986		1.6000	0.074	0.0290	0.0040	ND	0.004	0.0090	ND	1.7200
	1/15/1987		0.8100	0.037	0.0310	0.0060	0.0140	0.005	0.0070	ND	0.9100
	1/15/1987		0.7600	0.042	0.0310	0.0060	0.0130	0.005	0.0070	ND	0.8640
	4/15/1987		3.2000	0.081	0.0330	0.0060	ND	0.005	0.0130	ND	3.3380
	6/18/1987		1.8000	0.096	0.0350	0.0110	ND	0.006	0.0170	ND	1.9650
	6/18/1987		2.0000	0.079	0.0290	0.0090	ND	0.005	0.0130	ND	2.1350
	9/16/1987		1.7000	ND	ND	ND	ND	ND	ND	ND	1.7000
	9/16/1987		1.5000	0.160	0.0400	0.0130	0.0670	0.005	0.0180	ND	1.8030
	12/15/1987		1.1000	0.037	0.0280	0.0090	ND	0.005	0.0130	ND	1.1920
	12/15/1987		0.9100	0.030	0.0230	0.0070	ND	0.003	0.0100	ND	0.9830
	5/17/1988	(16)	1.5000	0.130	0.0280	0.0090	0.0140	ND	0.0130	ND	1.6960
	6/17/1988		1.5000	0.067	0.0210	0.0035	0.0087	0.012	0.0069	ND	1.6191
	6/17/1988	(17)	1.6000	0.068	0.0190	0.0027	0.0090	0.016	0.0069	ND	1.7236
	9/29/1988		0.8900	0.063	ND	ND	ND	ND	ND	ND	0.9530
	12/20/1988		0.8300	0.029	ND	ND	ND	ND	0.0027	ND	0.8617
	3/13/1989		0.6600	0.023	ND	ND	ND	ND	0.0066	ND	0.6896
	9/25/1989		0.6500	ND	ND	ND	ND	ND	ND	ND	0.6500
	3/29/1990		0.4100	0.040	ND	ND	ND	ND	ND	ND	0.4500
	9/20/1990	(74)	0.4000	0.036	ND	ND	ND	ND	ND	ND	0.4600
	4/3/1991		0.5100	0.039	ND	ND	ND	ND	ND	ND	0.5490
	9/12/1991	(129)	0.5700	0.040	ND	ND	ND	ND	ND	ND	0.6670
	9/12/1991	(128)	0.4900	0.045	ND	ND	ND	ND	ND	ND	0.5940
	2/19/1992		0.2000	ND	ND	ND	ND	ND	ND	ND	0.2000
	2/19/1992		0.3600	0.026	ND	ND	ND	ND	ND	ND	0.3860
	8/19/1992		0.5500	0.015	ND	ND	ND	ND	ND	ND	0.5650
	2/26/1993		0.3400	0.035	ND	ND	ND	ND	ND	ND	0.3750
	8/18/1993		0.5100	0.034	ND	ND	ND	ND	ND	ND	0.5440
	11/30/1994		0.52	0.066	ND	ND	ND	ND	ND	ND	0.586
	12/6/1995		0.470	0.052	ND	ND	ND	ND	ND	ND	0.522
	12/3/1996		0.480	0.058	ND	ND	ND	ND	ND	ND	0.538
	12/4/1997		0.480	0.059	ND	ND	ND	ND	ND	ND	0.539
	12/8/1998		0.865	0.0301	ND	ND	ND	ND	ND	ND	0.8951
	11/29/1999		0.381	0.0353	ND	ND	ND	ND	ND	ND	0.4163
	12/19/2000		0.334	0.0625	ND	ND	ND	ND	ND	ND	0.3965
	11/28/2001		0.240	0.0440	ND	0.0008	0.0014	ND	0.0022	ND	0.2884
	11/26/2002	(554)	0.290	0.0500	ND	0.0009J	0.0012	ND	0.0021	ND	0.3433
	8/23/2007		0.180	0.0410	<0.0013	<0.0013	<0.0013	<0.013	0.0019	<0.0013	0.2229
	11/11/2013	(895)	0.065	0.0660	<0.0005	0.0005	0.0008	<0.002	0.0008	0.009	0.1455
	6/12/2014	(927)	0.0018	0.098	<0.0005	0.0007	0.0009	<0.002	<0.0005	0.017	0.121
	12/5/2014	(953)	0.0029	0.093	<0.0010	<0.0010	0.0008 J	<0.004	<0.0010	0.013	0.1122
	6/27/2015	(958)	0.0016	0.096	<0.0005	<0.0005	0.0008	<0.002	<0.0005	0.022	0.1215
PZ-2S	10/10/1986		0.3200	0.037	0.0020	ND	ND	0.005	0.0070	ND	0.3710
	1/15/1987		0.2500	0.021	ND	ND	ND	0.007	0.0060	ND	0.2840
	4/15/1987		0.9800	0.048	ND	ND	ND	0.006	0.0090	ND	1.0430
	6/18/1987		0.3700	0.038	0.0020	ND	ND	0.007	0.0100	ND	0.4270
	6/18/1987		0.3700	0.036	0.0020	ND	ND	0.007	0.0110	ND	0.4260
	9/16/1987		0.9800	0.089	ND	ND	ND	ND	ND	ND	1.0690
	9/16/1987		0.6400	0.120	ND	0.0020	ND	0.012	0.0110	ND	0.7850
	12/15/1987		0.6900	0.041	0.0020	0.0020	ND	0.017	0.0170	ND	0.7690
	3/17/1988		0.6000	0.870	ND	ND	ND	0.008	0.0100	ND	1.4880
	6/15/1988	(18)	0.6500	0.053	0.0006	ND	ND	0.032	0.0065	0.0005	0.7526
	9/28/1988		0.6200	0.061	ND	ND	ND	ND	0.0060	ND	0.6870
	12/20/1988		0.6500	0.022	0.0030	ND	ND	ND	0.0049	ND	0.6799
	12/20/1988		0.4800	0.016	ND	ND	ND	ND	0.0027	ND	0.4987
	3/13/1989		0.5600	0.080	ND	ND	ND	ND	0.0025	ND	0.6425
	9/25/1989		2.5000	1.100	ND	ND	ND	ND	ND	ND	3.6000
	3/29/1990		0.5900	0.071	ND	ND	ND	ND	ND	ND	0.6610
	9/21/1990	(75)	0.5100	0.058	ND	ND	ND	ND	ND	ND	0.6560
	4/3/1991		0.4500	0.057	ND	ND	ND	ND	ND	ND	0.5070
	4/3/1991		0.4900	0.061	ND	ND	ND	ND	ND	ND	0.5510
	9/11/1991	(130)	0.5200	0.110	ND	ND	ND	ND	ND	ND	0.6870
	2/20/1992		0.6400	0.063	ND	ND	ND	ND	ND	ND	0.7030
	8/18/1992		0.5200	0.074	ND	ND	ND	ND	ND	ND	0.5940
	8/18/1992		0.5400	0.077	ND	ND	ND	ND	ND	ND	0.6170
	2/26/1993		0.3900	0.070	ND	ND	ND	ND	ND	ND	0.4600
	8/18/1993		0.2000	0.024	ND	ND	ND	ND	ND	ND	0.2240
	12/2/1994		0.160	0.026	ND	ND	ND	ND	0.0059	ND	0.1919
	12/7/1995		0.120	0.026	ND	ND	ND	ND	0.0047	ND	0.1507
	12/3/1996		0.100	0.018	ND	ND	ND	ND	0.0043	ND	0.1223
	12/4/1997		0.089	0.021	ND	ND	ND	ND	0.0040	ND	0.1140
	12/8/1998	(353)	0.103	0.0105	ND	ND	ND	0.0005	0.00453	ND	0.1207
	11/29/1999		0.097	0.0174	ND	ND	ND	ND	0.00565	ND	0.1196
	12/18/2000	(454)	0.075	0.0237	ND	ND	ND	ND	0.00305	ND	0.1039
	11/27/2001	(493)	0.075	0.023	ND	ND	ND	ND	0.0030	ND	0.1025
	11/25/2002	(563)	0.082	0.024	ND	ND	ND	ND	0.0029	ND	0.1100
	5/21/2007	(726)	0.150	0.038	<0.0005	<0.0005	<0.0005	<0.0050	0.0035	<0.0005	0.1952
	8/23/2007	(759)	0.230	0.054	<0.002	<0.002	<0.002	<0.020	0.0036	<0.002	0.2929
	10/30/2007	(736)	0.130	0.037	<0.0010	<0.0010	<0.0010	<0.010	0.0027	0.0010	0.1756

Table 3-4
Historical Water-Quality Data for On-Property and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Expressed in parts per million (ppm)

Well Number	Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Total VOCs
PZ-2S	6/4/2008	(765)	0.120	0.048	<0.0005	0.0005J	<0.0005	<0.005	0.0028	<0.0005	0.1754
	11/5/2008	(775)	0.220	0.062	<0.0005	0.0006	0.0003J	<0.005	0.0035	<0.0005	0.2916
	5/12/2009	(786)	0.170	0.038	<0.0013	<0.0013	<0.0013	<0.013	0.0025	<0.0013	0.2135
	11/12/2009	(793)	0.083	0.030	<0.0005	<0.0005	<0.0005	<0.005	0.0021	<0.0005	0.1157
	5/27/2010	(805)	0.240	0.061	<0.001	<0.001	<0.001	<0.010	0.0029	<0.001	0.3088
	12/16/2010	(816)	0.230	0.054	<0.001	<0.001	<0.001	<0.010	0.0025	<0.001	0.2900
	5/19/2011	(825)	0.210	0.069	<0.0017	<0.0017	<0.0017	<0.0067	0.0026	<0.0017	0.2857
	5/19/2011	(826)	0.230	0.084	<0.0010	0.0007J	<0.0010	0.0023J	0.0026	<0.0010	0.3245
	11/18/2011	(834)	0.0069	0.061	<0.0005	0.0010	0.0007	<0.005	0.0003J	0.3300	0.4207
	6/13/2012	(852)	0.0069	0.018	<0.0005	0.0007	<0.0005	0.023	0.0008	0.0570	0.1215
	11/29/2012	(866)	0.0061	0.033	<0.0005	0.0004J	0.0003J	0.0073	0.0007	0.0580	0.1175
	11/29/2012	(867)	0.0057	0.034	<0.0005	0.0005	0.0003J	0.0075	0.0009	0.0570	0.1209
	6/6/2013	(878)	0.006	0.050	<0.0005	0.0007	<0.0005	0.038	0.0007	0.0490	0.1583
	11/8/2013	(896)	0.007	0.080	<0.0005	0.0006	0.0003J	0.015	0.0009	0.0430	0.1620
	5/15/2014	(918)	0.0021	0.0041	<0.0005	<0.0005	<0.0005	0.0092	0.0004 J	0.026	0.0582
	12/4/2014	(930)	0.0021	0.0070	<0.0005	<0.0005	<0.0005	0.0024	0.0007	0.062	0.0884
	7/1/2015	(969)	0.0025	0.0096	<0.0005	<0.0005	<0.0005	0.0061	0.0008	0.045	0.0789
PZ-3	10/10/1986		1.0000	0.110	0.0020	0.0010	ND	0.043	0.0130	ND	1.1690
	1/15/1987		0.4000	0.034	0.0010	0.0010	ND	0.017	0.0080	ND	0.4610
	4/15/1987		1.5000	0.060	0.0050	ND	ND	0.011	0.0150	ND	1.5910
	6/17/1987		1.3000	0.120	0.0040	0.0020	ND	0.019	0.0190	ND	1.4640
	9/16/1987		0.6900	0.130	0.0010	0.0020	ND	0.023	0.0220	ND	0.8680
	9/16/1987		1.1000	ND	ND	ND	ND	ND	ND	ND	1.1000
	12/15/1987		0.6900	0.030	0.0010	0.0010	ND	0.013	0.0160	ND	0.7510
	3/17/1988		1.5000	0.100	ND	ND	ND	0.020	0.0190	ND	1.6390
	6/15/1988	(19)	0.7300	0.059	0.0007	0.0004	ND	0.036	0.0120	ND	0.8551
	9/29/1988		0.4600	0.059	ND	ND	ND	ND	0.0100	ND	0.5290
	9/29/1988		0.9400	0.055	ND	ND	ND	0.031	ND	ND	1.0260
	12/20/1988		0.5400	0.019	ND	ND	ND	ND	0.0058	ND	0.5648
	3/13/1989		0.5300	0.055	ND	ND	ND	ND	0.0036	ND	0.5886
	9/25/1989		0.9500	0.069	ND	ND	ND	ND	0.0110	ND	1.0300
	3/29/1990		1.0000	0.081	ND	ND	ND	ND	ND	ND	1.0810
	9/21/1990		1.4000	0.140	ND	ND	ND	ND	ND	ND	1.5400
	3/11/1991	(93)	1.4000	0.095	ND	ND	ND	ND	ND	ND	1.6150
	9/12/1991	(131)	1.2000	0.130	ND	ND	ND	ND	ND	ND	1.4500
	2/20/1992		0.6500	0.042	ND	ND	ND	ND	ND	ND	0.6920
	8/19/1992		0.4400	0.062	ND	ND	ND	ND	ND	ND	0.5020
	8/19/1992		0.4600	0.051	ND	ND	ND	ND	ND	ND	0.5110
	2/26/1993		0.3200	0.066	ND	ND	ND	ND	0.0099	ND	0.3959
	8/18/1993		0.4100	0.053	ND	ND	ND	ND	ND	ND	0.4630
	12/1/1994	(303)	0.2700	0.0520	ND	ND	ND	ND	0.0081	ND	0.3366
	12/6/1995		0.1800	0.0350	ND	ND	ND	ND	0.0076	ND	0.2226
	12/3/1996		0.2300	0.0590	ND	ND	ND	ND	ND	ND	0.2890
	12/4/1997		0.1700	0.0400	ND	ND	ND	0.0030	0.0060	ND	0.2190
	12/8/1998	(384)	0.2850	0.0270	ND	ND	ND	ND	ND	ND	0.3174
	11/29/1999	(428)	0.2260	0.0630	ND	ND	ND	ND	0.0099	ND	0.3083
	12/18/2000	(451)	0.1700	0.0644	ND	ND	ND	ND	0.0055	ND	0.2482
	12/18/2000	(452)	0.1630	0.0796	ND	ND	ND	ND	ND	ND	0.2504
	11/27/2001	(494)	0.1700	0.0700	ND	ND	ND	ND	0.0047	0.0008	0.2529
	11/26/2002	(555)	0.1700	0.0710	ND	ND	ND	ND	0.0033	ND	0.2492
	8/22/2007	(756)	0.1800	0.0410	<0.0013	<0.0013	<0.0013	<0.013	0.0052	<0.0013	0.2357

Table 3-4
Historical Water-Quality Data for On-Property and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Expressed in parts per million (ppm)

Well Number	Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Total VOCs
PZ-4S	6/17/1987		0.2600	0.650	ND	0.0020	ND	0.002	0.0150	1.0000	1.9290
	7/9/1987		0.3000	0.780	ND	0.0030	ND	0.003	0.0180	0.2800	1.3840
	9/16/1987		0.3900	1.900	ND	ND	ND	ND	ND	ND	2.2900
	9/16/1987		0.3100	2.400	ND	0.0050	ND	0.002	0.0210	ND	2.7380
	9/16/1987	(20)	0.2800	2.400	ND	ND	ND	ND	ND	ND	3.0700
	12/15/1987		0.2600	0.810	ND	0.0050	ND	0.001	0.0120	ND	1.0880
	12/15/1987		0.2400	0.750	ND	0.0050	ND	0.002	0.0140	ND	1.0110
	3/16/1988		0.1800	0.880	ND	ND	ND	ND	0.0088	0.1800	1.2488
	6/16/1988	(21)	0.1200	1.000	0.0003	0.0006	ND	0.084	0.0045	0.0220	1.2354
	9/29/1988		0.1400	1.200	ND	ND	ND	ND	ND	ND	1.3400
	12/21/1988	(32)	0.1700	0.480	ND	0.0005	0.0056	ND	0.0037	ND	0.6788
	3/13/1989		0.1700	1.100	ND	ND	ND	ND	ND	0.0780	1.3480
	9/22/1989		0.0500	0.470	ND	ND	ND	ND	ND	ND	0.5200
	3/29/1990		0.1000	2.400	ND	ND	ND	ND	ND	ND	2.5000
	9/20/1990	(77)	0.0900	2.800	ND	ND	ND	ND	ND	0.3400	3.2970
	9/20/1990	(76)	0.1100	2.800	ND	ND	ND	ND	ND	0.3200	3.3500
	3/11/1991	(94)	0.1000	0.830	ND	ND	ND	ND	ND	0.0950	1.0670
	9/11/1991	(132)	0.1200	1.300	ND	ND	ND	ND	ND	0.2500	1.7340
	2/19/1992		0.1600	2.300	ND	ND	ND	ND	ND	0.1800	2.6400
	8/18/1992		0.0610	2.000	ND	ND	ND	ND	ND	0.1000	2.1610
	2/26/1993		0.1000	0.130	ND	ND	ND	ND	0.0052	ND	0.2352
	8/18/1993	(201)	0.0730	0.170	ND	ND	ND	ND	ND	0.0250	0.2840
	8/18/1993	(200)	0.1100	0.210	ND	ND	ND	ND	ND	0.0250	0.3650
	12/2/1994	(304)	0.0670	0.0560	ND	ND	ND	ND	0.0035	0.0160	0.1651
	12/2/1994	(305)	0.0690	0.0600	ND	ND	ND	ND	0.0038	0.0170	0.1716
	12/6/1995	(306)	0.0380	0.0040	ND	ND	ND	0.0007	0.0058	ND	0.0500
	12/5/1996	(307)	0.0430	0.0200	ND	ND	ND	ND	0.0038	0.0023	0.0811
	12/3/1997	(324)	0.0350	0.0140	ND	ND	ND	ND	0.0035	0.0027	0.0649
	12/7/1998	(382)	0.0400	0.00816	ND	ND	ND	ND	0.00388	0.00108	0.0647
	11/29/1999	(403)	0.0389	0.0103	ND	ND	ND	ND	0.00347	0.00225	0.0789
	12/18/2000	(450)	0.0286	0.0109	ND	ND	ND	ND	0.00246	0.0126	0.0678
	11/27/2001	(495)	0.0280	0.0085	ND	ND	ND	ND	0.0024	0.0011	0.0500
	11/25/2002	(564)	0.0330	0.0120	ND	ND	ND	ND	0.0023	0.0012	0.0615
	8/24/2007	(764)	0.0430	0.0380	<0.0005	<0.0005	<0.0005	<0.005	0.0019	0.0023	0.1284
PZ-5S	6/18/1987		3.1000	0.500	ND	0.0050	ND	0.200	0.1800	ND	3.9850
	7/9/1987		2.3000	0.320	0.0020	0.0030	ND	0.150	0.1200	ND	2.8950
	9/16/1987		2.0000	0.680	ND	0.0050	ND	0.140	0.1200	ND	2.9450
	9/16/1987		2.8000	0.830	ND	ND	ND	ND	0.1100	ND	3.7400
	12/16/1987		1.3000	0.390	0.0010	0.0040	ND	0.076	0.0810	ND	1.8520
	12/16/1987		1.1000	0.220	0.0010	0.0030	ND	0.081	0.0880	ND	1.4930
	3/18/1988		1.6000	0.900	ND	ND	ND	0.086	0.0790	ND	2.6650
	3/18/1988		1.7000	1.400	ND	ND	ND	0.091	0.0900	ND	3.2810
	6/16/1988		2.8000	1.800	ND	ND	ND	0.041	0.1100	ND	4.7510
	9/29/1988		0.8800	0.250	ND	ND	ND	ND	ND	ND	1.1300
	12/21/1988	(34)	9.8000	3.500	0.0005	0.0049	0.0007	0.031	0.1000	ND	13.4491
	3/13/1989		4.3000	1.800	ND	ND	ND	ND	0.0890	ND	6.1890
	3/13/1989		3.3000	1.700	ND	ND	ND	ND	0.0600	ND	5.0600
	9/23/1989		2.8000	1.200	ND	ND	ND	ND	ND	ND	4.0000
	9/23/1989		3.5000	1.300	ND	ND	ND	ND	ND	ND	4.8000
	9/23/1989		ND	ND	ND	ND	ND	ND	ND	ND	0.0000
	3/29/1990		2.4000	1.600	ND	ND	ND	0.059	ND	ND	4.0590
	9/21/1990	(78)	3.5000	1.800	ND	ND	ND	ND	ND	ND	5.4800
	3/11/1991	(96)	1.7000	1.100	ND	ND	ND	ND	0.0390	ND	2.9030
	3/11/1991	(95)	1.8000	1.100	ND	ND	ND	ND	0.0410	ND	2.9980
	9/12/1991	(133)	4.1000	1.700	ND	ND	ND	ND	ND	ND	6.6800
	2/20/1992		2.8000	1.300	ND	ND	ND	ND	ND	ND	4.1000
	2/20/1992		2.9000	1.200	ND	ND	ND	ND	ND	ND	4.1000
	8/18/1992		5.4000	1.200	ND	ND	ND	ND	ND	ND	6.6000
	2/26/1993		2.3000	1.500	ND	ND	ND	ND	ND	ND	3.8000
	8/18/1993		2.3000	1.600	ND	ND	ND	ND	ND	ND	3.9000
	12/2/1994	(311)	1.9000	1.600	ND	ND	ND	ND	0.0310	ND	3.6850
	12/6/1995	(312)	1.4000	1.400	ND	ND	ND	ND	0.0270	ND	2.8950
	12/6/1995	(313)	1.3000	1.400	ND	ND	ND	ND	ND	0.0350	2.8030
	12/5/1996	(314)	0.5100	0.700	ND	ND	ND	ND	ND	ND	1.2490
	12/5/1996		0.3600	0.990	ND	ND	ND	ND	ND	ND	1.3500
	12/5/1997	(325)(326)	0.9000	0.760	ND	ND	ND	0.016	0.0250	0.0230	1.782
	12/5/1997	(327)(328)	0.8300	0.780	ND	ND	ND	0.015	0.0240	0.0250	1.742
	12/8/1998	(354)	0.977	0.691	ND	ND	ND	0.0089	0.0213	0.0265	1.8080
	11/30/1999	(405)	1.830	1.390	ND	ND	ND	ND	0.0588	0.0324	3.5070
	12/18/2000	(441)	0.734	0.725	ND	ND	ND	0.0110	0.0167	0.0160	1.5745
	11/27/2001	(496)	0.730	0.620	ND	ND	ND	ND	0.0140	0.0110	1.4430
	11/25/2002	(565)	0.650	0.580	ND	ND	ND	ND	0.0091	0.0094	1.3135
	12/15/2003	(607)	0.440	0.540	ND	ND	ND	ND	0.0058	0.0180	1.0478
	12/2/2004	(642)	0.6000	0.5000	ND	ND	ND	ND	0.0071	0.0092	1.1743
	11/4/2005	(686)	0.3500	0.3700	ND	ND	ND	ND	0.0056	0.0080	0.7766
	12/6/2006	(715)	0.8100	0.4700	<0.0063	<0.0063	<0.0063	<0.063	0.0088	0.0140	1.3638
	8/24/2007	(763)	1.800	0.620	<0.017	<0.017	<0.017	<0.170	0.011J	0.0240	2.5500
	10/30/2007	(737)	1.900	0.590	<0.017	<0.017	<0.017	<0.170	0.015J	0.0190	2.6220

Table 3-4
Historical Water-Quality Data for On-Property and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Expressed in parts per million (ppm)

Well Number	Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Total VOCs
PZ-5S	11/5/2008	(776)	2.000	0.550	<0.010	<0.010	<0.010	<0.100	0.0170	0.0140	2.6890
	11/5/2008	(784)	1.900	0.520	<0.010	<0.010	<0.010	<0.100	0.0130	0.0130	2.5550
	11/10/2009	(802)	1.400	0.440	<0.01	<0.01	<0.01	<0.1	0.0085J	0.0096J	1.9321
	12/13/2010	(817)	1.600	0.360	<0.010	<0.010	<0.010	<0.100	0.0063J	0.0079J	2.0294
	11/14/2011	(835)	0.0007	0.210	<0.0005	0.0003J	<0.0005	<0.0050	<0.0005	0.0850	0.4243
	11/26/2012	(868)	0.0009	0.050	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	0.0290	0.0869
	11/5/2013	(897)	<0.0005	0.011	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	0.0890	0.1044
	5/16/2014	(919)	<0.0005	0.0057	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	0.094	0.105
	12/3/2014	(929)	<0.0005	0.0025	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	0.052	0.057
PZ-6S	6/18/1987		0.0230	0.006	ND	ND	ND	ND	ND	ND	0.0290
	7/9/1987		0.0310	0.012	ND	ND	ND	ND	ND	ND	0.0430
	9/16/1987		0.0150	ND	ND	ND	ND	ND	ND	ND	0.0150
	9/16/1987		0.0130	ND	ND	ND	ND	ND	ND	ND	0.0130
	3/17/1988		0.0140	0.006	ND	ND	ND	ND	ND	ND	0.0197
	9/28/1988		0.0120	0.006	ND	ND	ND	ND	ND	ND	0.0180
	3/17/1989		0.0120	0.005	ND	ND	ND	ND	ND	ND	0.0171
	3/27/1990		0.0140	0.008	ND	ND	ND	ND	ND	ND	0.0218
	8/28/1990		0.0130	0.008	ND	ND	ND	ND	ND	ND	0.0209
	2/8/1991		0.0170	0.007	ND	ND	ND	ND	ND	ND	0.0243
	8/21/1991	(101)	0.0190	ND	ND	ND	ND	ND	ND	ND	0.0201
	2/28/1992		0.0190	0.009	ND	ND	ND	ND	ND	ND	0.0284
	8/21/1992		0.0200	0.011	ND	ND	ND	ND	ND	ND	0.0310
	2/26/1993		0.0220	0.011	ND	ND	ND	ND	ND	ND	0.0330
	8/23/1993		0.0089	0.012	ND	ND	ND	ND	ND	ND	0.0209
	11/28/1994	(220)	0.0190	0.010	ND	ND	ND	ND	ND	ND	0.0301
	11/27/1995	(248)	0.0098	0.011	ND	ND	ND	ND	ND	ND	0.0213
	12/9/1998	(357)	0.0148	0.00512	ND	ND	ND	ND	ND	ND	0.0210
	12/9/1998	(356)	0.0130	0.00544	ND	ND	ND	ND	ND	ND	0.0193
	12/8/1999	(425)	0.0122	0.0103	ND	ND	ND	ND	ND	ND	0.0233
PZ-7S	8/23/2007		0.0003J	0.0041	<0.0005	<0.0005	0.0007	<0.0050	<0.0005	<0.0005	0.0051
	12/5/2014		0.0050	0.0017	<0.0005	<0.0005	0.0006	<0.0020	<0.0005	<0.0005	0.0226
	6/26/2015		0.0061	0.0210	<0.0005	<0.0005	0.0007	<0.002	<0.0005	<0.0005	0.0278
PZI-1	6/18/1987		6.2000	0.018	0.0010	0.0010	ND	0.210	0.0170	ND	6.4470
	7/9/1987		5.4000	0.022	0.0010	ND	ND	0.190	0.0140	ND	5.6270
	9/16/1987		1.1000	ND	ND	ND	ND	ND	ND	ND	1.1000
	9/16/1987		0.6400	0.013	ND	ND	0.0130	0.035	0.0040	ND	0.7050
	9/16/1987		1.0000	ND	ND	ND	ND	ND	ND	ND	1.0000
	12/16/1987		0.3800	ND	0.0010	ND	ND	0.024	0.0020	ND	0.4070
	3/18/1988		2.3000	0.014	ND	ND	ND	0.110	0.0064	ND	2.4304
	3/18/1988		2.3000	0.015	ND	ND	ND	0.100	0.0062	ND	2.4212
	6/17/1988	(22)	0.7000	0.001	ND	ND	ND	0.027	0.0011	ND	0.7312
	9/28/1988		1.0000	ND	ND	ND	ND	ND	ND	ND	1.0000
	12/21/1988		1.1000	0.009	ND	ND	ND	0.022	0.0008	ND	1.1320
	12/21/1988		1.2000	0.009	ND	ND	ND	0.025	0.0008	ND	1.2348
	3/13/1989		3.2000	ND	ND	ND	ND	ND	ND	ND	3.2000
	9/25/1989		0.7600	ND	ND	ND	ND	ND	ND	ND	0.7600
	3/29/1990		0.5000	0.016	ND	ND	ND	0.020	ND	ND	0.5360
	9/21/1990		0.7200	ND	ND	ND	ND	ND	ND	ND	0.7200
	3/12/1991	(97)	0.9700	ND	ND	ND	ND	ND	ND	ND	1.0040
	9/12/1991		1.8000	ND	ND	ND	ND	ND	ND	ND	1.8000
	2/20/1992		0.7200	ND	ND	ND	ND	ND	ND	ND	0.7200
	8/19/1992		0.1000	ND	ND	ND	ND	ND	ND	ND	0.1000
	2/26/1993		2.6000	ND	ND	ND	ND	ND	ND	ND	2.6000
	8/18/1993		0.0790	ND	ND	ND	ND	ND	ND	ND	0.0790
	8/18/1993		0.0820	ND	ND	ND	ND	ND	ND	ND	0.0820
	12/1/1994	(308)	0.3400	0.015	ND	ND	ND	0.008	ND	ND	0.3695
	12/6/1995		0.5200	0.013	ND	ND	ND	0.015	ND	ND	0.5480
	12/6/1995		0.5100	0.013	ND	ND	ND	0.014	ND	ND	0.5370
	12/3/1996		0.3700	ND	ND	ND	ND	ND	ND	ND	0.3700
	12/3/1996		0.2700	ND	ND	ND	ND	ND	ND	ND	0.2700
	12/4/1997		2.1000	0.060	ND	ND	ND	0.080	ND	ND	2.2400
	12/8/1998	(352)	1.100	0.0934	ND	ND	ND	0.0776	0.009	ND	1.2909
	11/29/1999		1.590	0.0624	ND	ND	ND	ND	ND	ND	1.6524
	12/20/2000		2.615	0.1560	ND	ND	ND	0.1110	ND	ND	2.8820
	11/27/2001		1.400	0.0630	ND	ND	ND	ND	ND	ND	1.4630
	11/26/2002	(570)	2.100	0.0710	ND	ND	ND	0.066J	0.045J	ND	2.1710
	8/22/2007	(755)	0.430	0.0350	<0.0031	<0.0031	<0.0031	<0.031	0.0021J	<0.0031	0.4694
	5/25/2010	(806)	0.260	0.039	<0.0017	<0.0017	<0.0017	<0.017	0.001J	<0.0017	0.3013
	6/14/2012	(853)	<0.0005	<0.0005	<0.0005	<0.0005	0.0004J	<0.005	<0.0005	0.029	0.0347
	6/6/2013	(879)	0.012	0.064	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	0.091	0.1722
	6/6/2013	(880)	0.013	0.064	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	0.085	0.1669
VW-1	10/31/1986		ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/31/1986		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/5/1986		0.0017	ND	ND	ND	ND	ND	ND	ND	0.0017
	11/24/1986		ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/16/1987		ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 3-4
Historical Water-Quality Data for On-Property and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Expressed in parts per million (ppm)

Well Number	Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Total VOCs
VW-1	7/24/1987		0.0064	ND	ND	ND	ND	ND	ND	ND	0.0064
	8/7/1987		0.0017	ND	ND	ND	ND	ND	ND	ND	0.0017
	8/7/1987		0.0018	ND	ND	ND	ND	ND	ND	ND	0.0018
	9/17/1987		0.0060	ND	ND	ND	ND	ND	ND	ND	0.0060
	12/15/1987		0.0019	ND	ND	ND	ND	ND	ND	ND	0.0019
	12/16/1987		0.0020	ND	ND	ND	ND	ND	ND	ND	0.0020
	3/17/1988		0.0096	ND	ND	ND	ND	ND	ND	ND	0.0096
	6/16/1988		0.0094	0.0003	ND	ND	ND	ND	ND	ND	0.0094
	9/28/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/21/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/13/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/12/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/26/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/5/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/28/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/28/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/21/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/21/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/12/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/6/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/12/1991	(135)	ND	ND	ND	ND	ND	ND	ND	ND	0.0018
	12/18/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/19/1992	(160)	ND	ND	ND	ND	ND	ND	ND	ND	0.0018
	5/19/1992		0.0009	ND	ND	ND	ND	ND	ND	ND	0.0009
	8/19/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/18/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/25/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/25/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/11/1993		0.0021	ND	ND	ND	ND	ND	ND	ND	0.0021
	5/11/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/17/1993		0.0016	ND	ND	ND	ND	ND	ND	ND	0.0016
	11/16/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/2/1994		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/6/1995		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/4/1996		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/4/1997		ND	ND	ND	ND	ND	ND	ND	ND	0.0000
	12/8/1998		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/29/1999		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/20/2000		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/28/2001		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/27/2002		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/15/2003	(605)	0.1300	0.0450	ND	ND	ND	ND	0.0027	ND	ND
	3/16/2004	(610)	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/2/2004		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/4/2005		0.0004J	ND	ND	ND	ND	ND	ND	ND	0.0004
	12/6/2006		0.0006	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0006
	8/22/2007		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	ND

Table 3-4
Historical Water-Quality Data for On-Property and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Expressed in parts per million (ppm)

Well Number	Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Total VOCs
25I	10/13/1986		ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/20/1986		ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/20/1986		ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/23/1986		ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/24/1987		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/14/1987		ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/14/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/21/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/15/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/21/1989		ND	ND	ND	ND	ND	0.001	ND	ND	ND
	9/26/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/28/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/20/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/12/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/11/1991	(142)	ND	ND	ND	ND	ND	ND	ND	ND	0.0017
	2/19/1992	(161)	ND	ND	ND	ND	ND	ND	ND	ND	0.0011
	8/18/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/25/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/17/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/30/1994		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/4/1995		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/3/1996		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/2/1997		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/9/1998		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/1/1999	(411)	ND	ND	ND	ND	ND	ND	ND	ND	0.0006
	12/8/2000		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/30/2001		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/27/2002		ND	ND	ND	ND	ND	ND	ND	ND	ND
26S	10/13/1986		ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/20/1986		ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/20/1986		ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/23/1986		ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/21/1987		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/16/1987		ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/14/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/21/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/15/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/21/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/23/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/21/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/8/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/20/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/24/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/21/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/3/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/23/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/22/1994		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/20/1995		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/25/1996		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/18/1997		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/1/1998	(364)	ND	ND	ND	ND	ND	ND	ND	ND	0.0005
	12/8/1999	(424)	ND	ND	ND	ND	ND	ND	ND	ND	0.0007
	12/8/1999	Dup	ND	ND	ND	ND	ND	ND	ND	ND	ND
	duplicate		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/8/2000		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/30/2001		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/19/2002		ND	ND	ND	ND	ND	ND	ND	ND	ND
26I	10/13/1986		ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/20/1986		ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/20/1986		ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/23/1986	(23A)	ND	ND	ND	ND	ND	ND	ND	ND	0.002
	7/21/1987		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/16/1987		ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/14/1988	(23B)	ND	ND	ND	ND	ND	ND	ND	ND	0.001
	12/21/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/15/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/19/1989	*	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/23/1990		ND	ND	ND	ND	ND	ND	ND	0.0020	0.0020
	8/29/1990	(66)	ND	ND	ND	ND	ND	ND	ND	ND	0.0017
	8/29/1990	(65)	ND	ND	ND	ND	ND	ND	ND	ND	0.0017
	3/8/1991	(81)	ND	ND	ND	ND	ND	ND	ND	ND	0.0010
	8/20/1991	(100)	ND	ND	ND	ND	ND	ND	ND	ND	0.0020
	2/24/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/21/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/5/1993	(168)	ND	ND	ND	ND	ND	ND	ND	ND	0.0010
	8/23/1993	(174)	ND	ND	ND	ND	ND	ND	ND	ND	0.0014
	11/22/1994		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/20/1995		ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 3-4
Historical Water-Quality Data for On-Property and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Expressed in parts per million (ppm)

Well Number	Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Total VOCs
26I	11/25/1996		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/18/1997	(315)	ND	ND	ND	ND	ND	ND	ND	ND	0.0005
	12/1/1998		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/8/1999		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/6/2000		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/30/2001		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/19/2002		ND	ND	ND	ND	ND	ND	ND	ND	ND
MS1S	3/20/1989		0.0280	0.029	ND	ND	ND	ND	ND	ND	0.0570
	6/20/1989		0.0500	0.061	0.0009	0.0006	0.0006	ND	ND	ND	0.1131
	9/26/1989		0.0210	0.033	ND	ND	ND	ND	ND	ND	0.0540
	12/15/1989		0.0330	0.050	ND	ND	ND	ND	ND	ND	0.0830
	3/28/1990		0.0360	0.037	ND	ND	ND	ND	ND	ND	0.0730
	6/7/1990		0.0330	0.052	ND	ND	ND	ND	ND	ND	0.0850
	8/29/1990		0.0064	0.012	ND	ND	ND	ND	ND	ND	0.0184
	11/29/1990		0.0023	0.006	ND	ND	ND	ND	ND	ND	0.0082
	2/8/1991		0.0082	0.010	ND	ND	ND	ND	ND	ND	0.0182
	5/3/1991		0.0250	0.030	ND	ND	ND	ND	ND	ND	0.0550
	8/14/1991		0.0064	0.011	ND	ND	ND	ND	ND	ND	0.0174
	12/9/1991		0.0013	0.005	ND	ND	ND	ND	ND	ND	0.0060
	2/28/1992		0.0280	0.030	ND	ND	ND	ND	ND	ND	0.0580
	5/26/1992		0.0170	0.028	ND	ND	ND	ND	ND	ND	0.0450
	9/2/1992		0.0087	0.019	ND	ND	ND	ND	ND	ND	0.0277
	11/24/1992		0.0067	0.018	ND	ND	ND	ND	ND	ND	0.0247
	2/26/1993		0.0280	0.026	ND	ND	ND	ND	ND	ND	0.0540
	5/12/1993		0.0740	0.045	ND	ND	ND	ND	ND	ND	0.1190
	8/18/1993	(182)	0.1200	0.063	ND	ND	ND	ND	ND	ND	0.1830
	11/16/1993		0.0810	0.041	ND	ND	ND	ND	ND	ND	0.1220
	11/23/1994		0.1100	0.041	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.1510
	11/28/1995		0.1000	0.032	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.1320
	11/20/1996		0.099	0.029	ND	ND	ND	ND	ND	ND	0.1280
	11/21/1997	(319)	0.110	0.026	ND	ND	ND	ND	0.001	ND	0.1378
	12/4/1998		0.0927	0.0112	ND	ND	ND	ND	0.00067	ND	0.1046
	12/3/1999		0.0935	0.0204	ND	ND	ND	ND	ND	ND	0.1139
	12/7/2000		0.082	0.0217	ND	ND	ND	ND	0.001	ND	0.1051
	11/30/2001	(497)	0.074	0.017	ND	ND	ND	ND	0.0012	ND	0.0928
	11/19/2002	(532)	0.079	0.016	ND	ND	ND	ND	0.0015	ND	0.0970
	12/9/2014		0.017	0.0044	<0.0005	<0.0005	<0.0005	<0.0020	0.0004 J	<0.0005	0.0218
	6/26/2015		<0.0005	0.0007	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0007
MS2I	3/20/1989		0.0007	ND	ND	ND	ND	ND	ND	ND	0.0007
	6/28/1989		0.0013	ND	ND	ND	ND	ND	ND	ND	0.0013
	6/28/1989		0.0013	ND	ND	ND	ND	ND	ND	ND	0.0013
	9/27/1989		0.0015	0.001	0.0006	ND	ND	ND	ND	ND	0.0028
	12/18/1989	*	0.0010	ND	ND	ND	ND	ND	ND	ND	0.0010
	12/18/1989	*	0.0010	ND	ND	ND	ND	ND	ND	ND	0.0010
	3/28/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/28/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/30/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/29/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/27/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/27/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/30/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/7/1991		0.0012	ND	ND	ND	ND	ND	ND	ND	0.0012
	5/7/1991		0.0012	ND	ND	ND	ND	ND	ND	ND	0.0012
	8/20/1991		0.0013	ND	ND	ND	ND	ND	ND	ND	0.0013
	12/6/1991		0.0014	ND	ND	ND	ND	ND	ND	ND	0.0014
	2/28/1992		0.0008	ND	ND	ND	ND	ND	ND	ND	0.0008
	5/20/1992		0.0008	ND	ND	ND	ND	ND	ND	ND	0.0008
	8/18/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/17/1992		0.0014	ND	0.0008	ND	ND	ND	ND	ND	0.0022
	2/26/1993		0.0015	ND	0.0006	ND	ND	ND	ND	ND	0.0021
	5/12/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/18/1993		0.0012	ND	0.0005	ND	ND	ND	ND	ND	0.0017
	11/16/1993		0.0012	ND	0.0008	ND	ND	ND	ND	ND	0.0020
	11/23/1994		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/27/1995		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/20/1996		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/21/1997		0.001	ND	ND	ND	ND	ND	ND	ND	0.0009
	12/4/1998	(376)	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/3/1999		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/7/2000		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/7/2000		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/30/2001		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/19/2002		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/16/2003	(602)	0.001	ND	ND	ND	ND	ND	ND	ND	0.0010
	12/3/2004		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/2/2005		ND	ND	0.0003J	ND	ND	ND	ND	ND	0.0003J
	12/7/2006		<0.0005	<0.0005	0.0003J	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0003J
	11/6/2007		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	ND

Table 3-4
Historical Water-Quality Data for On-Property and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Expressed in parts per million (ppm)

Well Number	Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Total VOCs
MS2I	11/4/2008		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	ND
	11/13/2009		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	ND
	12/13/2010		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	ND
	11/14/2011		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	ND
	11/27/2012		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	ND
	11/8/2013		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	ND
	5/16/2014		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	ND
	12/4/2014		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	ND
	12/4/2014	Dup	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	ND
	6/26/2015		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0000
MS-3I	3/21/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/21/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/21/1989		ND	ND	ND	ND	ND	ND	0.0006	ND	0.0006
	9/27/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/27/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/15/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/27/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/30/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/21/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/27/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/30/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND
	4/30/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/16/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/9/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/21/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/19/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/18/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/17/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/24/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/11/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/17/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/16/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/23/1994		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/28/1995		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/28/1995		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/25/1996		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/25/1996		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/20/1997		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/4/1998		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/4/1998		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/6/1999		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/6/1999	Dup	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/8/2000		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/8/2000		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/30/2001		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/30/2001		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/19/2002		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/9/2014		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	ND
MS4S	3/21/1989		0.0980	0.013	ND	ND	ND	ND	0.0049	ND	0.1159
	6/19/1989		0.1100	0.017	ND	ND	ND	ND	0.0062	ND	0.1332
	9/25/1989		0.0840	0.015	0.0012	ND	ND	0.002	0.0067	ND	0.1086
	12/18/1989		0.1000	0.014	ND	ND	ND	ND	0.0065	ND	0.1205
	3/27/1990		0.0950	0.015	0.0008	ND	ND	0.001	0.0068	ND	0.1188
	6/7/1990		0.1300	0.017	ND	ND	ND	ND	0.0060	ND	0.1530
	8/29/1990		0.1100	0.016	0.0011	ND	ND	ND	0.0070	ND	0.1341
	8/29/1990		0.1100	0.016	0.0011	ND	ND	ND	0.0072	ND	0.1343
	11/29/1990		0.1200	0.014	0.0007	ND	ND	ND	0.0067	ND	0.1414
	11/29/1990		0.1300	0.015	0.0007	ND	ND	ND	0.0064	ND	0.1521
	2/8/1991	(79)	0.1100	0.024	0.0007	ND	ND	ND	0.0057	ND	0.1404
	5/7/1991		0.1000	0.016	ND	ND	ND	ND	0.0051	ND	0.1211
	5/7/1991		0.1100	0.015	ND	ND	ND	ND	0.0056	ND	0.1306
	8/20/1991		0.1200	0.018	ND	ND	ND	ND	0.0061	ND	0.1441
	8/20/1991		0.1100	0.017	ND	ND	ND	ND	0.0061	ND	0.1331
	12/6/1991		0.1200	0.025	ND	ND	ND	ND	0.0064	ND	0.1514
	2/28/1992		0.1100	0.010	ND	ND	ND	ND	0.0052	ND	0.1252
	5/21/1992		0.1600	0.014	ND	ND	ND	ND	ND	ND	0.1740
	8/26/1992		0.1100	0.015	ND	ND	ND	ND	0.0025	ND	0.1275
	11/23/1992		0.1100	0.015	ND	ND	ND	ND	0.0035	ND	0.1285
	3/2/1993		0.1200	0.016	ND	ND	ND	ND	0.0051	ND	0.1411
	5/12/1993		0.1200	0.011	ND	ND	ND	ND	0.0044	ND	0.1354
	8/18/1993	(184)	0.1200	0.010	ND	ND	ND	ND	0.0043	ND	0.1340
	11/22/1993		0.1100	0.009	ND	ND	ND	ND	0.0054	ND	0.1245
	11/23/1994		0.1100	0.009	ND	ND	ND	ND	0.0052	ND	0.1246
	11/23/1994		0.1000	0.007	ND	ND	ND	ND	0.0048	ND	0.1122
	11/27/1995	(249)	0.0220	0.006	ND	ND	ND	ND	0.0006	ND	0.0293
	11/20/1996		0.078	0.0060	ND	ND	ND	ND	0.005	ND	0.0891
	11/20/1997	(320)	0.085	0.0053	ND	ND	ND	0.0007	0.005	ND	0.0966
	12/4/1998	(378)	0.065	0.00295	ND	ND	ND	ND	0.00422	ND	0.0755

Table 3-4
Historical Water-Quality Data for On-Property and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Expressed in parts per million (ppm)

Well Number	Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Total VOCs
MS4S	12/3/1999	(421)	0.0507	0.00389	ND	ND	ND	ND	0.00423	ND	0.0601
	12/7/2000	(443)	0.0582	0.00885	ND	ND	ND	0.0005	0.00363	ND	0.0728
	11/29/2001	(498)	0.0530	0.0061	ND	ND	ND	ND	0.0033	ND	0.0631
	11/19/2002		0.0073	0.0024	ND	ND	ND	ND	ND	ND	0.0097
	11/7/2013	(898)	0.0250	0.0052	<0.0005	<0.0005	<0.0005	<0.002	0.0020	<0.0005	0.0337
	12/9/2014	(847)	0.0230	0.0061	<0.0005	<0.0005	<0.0005	<0.002	0.0019	<0.0005	0.0327
MS5I	5/25/1988	(27)	0.9300	ND	ND	ND	ND	0.110	0.0240	ND	1.1050
	5/26/1988		0.9500	ND	ND	ND	ND	0.130	0.0270	ND	1.1070
	10/10/1988		0.2800	ND	0.0008	ND	ND	0.060	0.0130	ND	0.3538
	12/21/1988	(35)	0.3500	ND	0.0004	ND	ND	0.026	0.0048	ND	0.3872
	3/21/1989		0.6800	ND	ND	ND	ND	0.100	0.0170	ND	0.7970
	6/22/1989		0.3300	ND	ND	ND	ND	0.054	0.0081	ND	0.3921
	9/25/1989		0.2100	ND	ND	ND	ND	0.037	0.0090	ND	0.2560
	12/18/1989		0.1800	ND	ND	ND	ND	0.027	0.0070	ND	0.2140
	3/27/1990		0.2600	ND	ND	ND	ND	0.031	0.0076	ND	0.2986
	6/7/1990		0.2500	ND	ND	ND	ND	0.036	0.0090	ND	0.2950
	8/29/1990		0.1900	ND	ND	ND	ND	0.029	0.0084	ND	0.2274
	11/29/1990		0.2100	ND	ND	ND	ND	0.046	0.0093	ND	0.2653
	2/8/1991		0.4100	ND	ND	ND	ND	0.046	0.0130	ND	0.4690
	5/7/1991		0.4100	ND	ND	ND	ND	0.051	0.0087	ND	0.4697
	8/21/1991	(104)	0.2400	ND	ND	ND	ND	ND	ND	ND	0.2540
	12/9/1991		0.3700	ND	ND	ND	ND	0.053	ND	ND	0.4230
	3/2/1992		0.2000	ND	ND	ND	ND	ND	ND	ND	0.2000
	3/2/1992		0.2000	ND	ND	ND	ND	ND	ND	ND	0.2000
	5/22/1992		0.2900	ND	ND	ND	ND	0.022	ND	ND	0.3120
	5/22/1992		0.2800	ND	ND	ND	ND	0.020	ND	ND	0.3000
	8/26/1992		0.1900	ND	ND	ND	ND	0.006	ND	ND	0.1962
	11/20/1992	(163)	0.1400	ND	ND	ND	ND	0.011	0.0058	ND	0.1653
	3/2/1993		0.1200	ND	ND	ND	ND	0.010	0.0027	ND	0.1327
	5/12/1993		0.0940	ND	ND	ND	ND	0.005	ND	ND	0.0993
	5/12/1993		0.0940	ND	ND	ND	ND	0.004	ND	ND	0.0984
	8/18/1993	(180)	0.1800	ND	ND	ND	ND	0.015	0.0054	ND	0.2100
	11/22/1993	(189)	0.1200	ND	ND	ND	ND	0.006	0.0042	ND	0.1451
	11/28/1994	(221)	0.1200	ND	ND	ND	ND	0.008	0.0038	ND	0.1395
	11/27/1995	(250)	0.0990	ND	ND	ND	ND	0.009	ND	ND	0.1121

Table 3-4
Historical Water-Quality Data for On-Property and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Expressed in parts per million (ppm)

Well Number	Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Total VOCs
MS6I	2/19/1988		1.6000	ND	ND	ND	ND	ND	0.0290	ND	1.6290
	2/22/1988	(24)	1.2000	ND	ND	ND	ND	0.130	0.0530	ND	1.9330
	3/16/1988		2.0000	ND	ND	ND	ND	0.130	ND	ND	2.1300
	6/21/1988	(26)	1.5000	0.093	ND	0.0010	ND	ND	0.0110	ND	1.6410
	10/7/1988	(25)	1.6000	0.003	ND	0.0010	ND	0.087	0.0250	ND	1.7172
	12/21/1988	(38)	0.7100	0.001	ND	ND	ND	0.023	0.0047	ND	0.7445
	3/21/1989		1.3000	ND	ND	ND	ND	0.072	0.0240	ND	1.3960
	6/22/1989		1.9000	ND	ND	ND	ND	0.140	0.0320	ND	2.0720
	9/25/1989	(46)	1.9000	0.024	ND	ND	ND	0.028	0.0230	ND	1.9860
	12/18/1989		0.8800	0.009	ND	ND	ND	0.021	0.0120	ND	0.9219
	3/27/1990		1.1000	ND	ND	ND	ND	0.052	0.0190	ND	1.1710
	6/6/1990		1.1000	ND	ND	ND	ND	0.068	0.0180	ND	1.1860
	8/28/1990		0.5400	0.008	ND	ND	ND	0.021	0.0100	ND	0.5788
	11/29/1990		1.8000	0.021	ND	ND	ND	0.075	0.0350	ND	1.9310
	2/8/1991		1.3000	ND	ND	ND	ND	0.062	0.0200	ND	1.3820
	5/7/1991		1.1000	ND	ND	ND	ND	0.053	0.0110	ND	1.1640
	8/21/1991	(103)	1.6000	ND	ND	ND	ND	ND	ND	ND	1.6670
	12/6/1991		1.8000	ND	ND	ND	ND	0.130	ND	ND	1.9300
	2/28/1992		1.2000	ND	ND	ND	ND	ND	ND	ND	1.2000
	5/27/1992		1.8000	ND	ND	ND	ND	ND	ND	ND	1.8000
	8/27/1992		1.6000	ND	ND	ND	ND	ND	ND	ND	1.6000
	11/23/1992		1.1000	ND	ND	ND	ND	0.041	ND	ND	1.1410
	3/3/1993		1.4000	ND	ND	ND	ND	0.061	ND	ND	1.4610
	5/17/1993		0.9500	ND	ND	ND	ND	ND	ND	ND	0.9500
	8/18/1993		1.4000	ND	ND	ND	ND	0.079	ND	ND	1.4790
	11/22/1993	(188)	1.6000	ND	ND	ND	ND	0.074	0.0300	ND	1.7550
	11/22/1993		1.4000	ND	ND	ND	ND	0.057	ND	ND	1.4570
	11/28/1994	(222)	1.6000	ND	ND	ND	ND	0.055	ND	ND	1.6950
	11/27/1995		1.0000	ND	ND	ND	ND	ND	ND	ND	1.0000
	11/20/1996	(262)	1.200	ND	ND	ND	ND	0.048	ND	ND	1.2860
	11/20/1997	(321)	1.200	ND	ND	ND	ND	0.050	0.020	ND	1.280
	12/4/1998	(372)	2.128	ND	ND	ND	ND	ND	0.100	ND	2.2696
	12/3/1999		1.060	ND	ND	ND	ND	ND	0.0448	ND	1.1048
	12/7/2000		0.218	ND	ND	ND	ND	0.0055	ND	ND	0.2290
	11/29/2001		0.093	ND	ND	ND	ND	ND	0.0013	ND	0.0943
	11/19/2002		0.100	ND	ND	ND	ND	ND	0.0014	ND	0.1018
	11/7/2013		0.0046	0.0004J	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0054
	5/16/2014		0.0036	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0036
	12/9/2014		0.0025	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0025
	6/26/2015		0.0036	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0036
MS7I	5/27/1988		1.5000	0.084	ND	ND	ND	0.078	ND	ND	1.6620
	6/8/1988	(29)	3.2000	0.120	ND	ND	ND	0.076	0.0230	ND	3.4410
	10/7/1988		1.0000	0.081	ND	0.0010	ND	0.035	0.0140	ND	1.1310
	10/7/1988		1.5000	0.080	ND	0.0010	ND	0.038	0.0140	ND	1.6330
	12/21/1988	(37)	1.8000	0.130	ND	0.0005	0.0004	ND	0.0081	ND	1.9520
	12/21/1988	(36)	1.8000	0.140	ND	0.0005	0.0005	0.021	0.0089	ND	1.9849
	3/21/1989		0.8700	0.043	ND	ND	ND	0.015	0.0076	ND	0.9356
	6/16/1989		1.3000	0.075	ND	0.0075	ND	0.030	0.0100	ND	1.4225
	9/25/1989	(47)	0.4900	0.051	ND	0.0056	ND	0.016	ND	ND	0.5736
	9/25/1989		0.4600	0.540	ND	ND	ND	0.011	ND	ND	1.0110
	12/18/1989		0.2900	0.002	ND	ND	ND	ND	ND	ND	0.2924
	3/27/1990		0.3400	0.032	ND	ND	ND	ND	ND	ND	0.3720
	3/27/1990		0.4300	0.040	ND	ND	ND	ND	ND	ND	0.4700
	6/6/1990		0.7400	0.073	ND	ND	ND	0.020	ND	ND	0.8330
	8/28/1990		0.0520	0.007	ND	ND	ND	ND	0.0005	ND	0.0598
	11/29/1990		0.4500	0.045	ND	ND	ND	0.011	0.0054	ND	0.5114
	3/8/1991		0.0820	0.013	ND	ND	ND	0.002	0.0010	ND	0.0978
	5/7/1991		0.7600	0.061	ND	ND	ND	0.014	ND	ND	0.8350
	8/21/1991	(102)	0.8200	ND	ND	ND	ND	ND	ND	ND	0.8910
	12/6/1991		1.0000	0.120	ND	ND	ND	0.012	ND	ND	1.1320
	2/28/1992		0.7600	0.061	ND	ND	ND	ND	ND	ND	0.8210
	2/28/1992		0.7600	0.075	ND	ND	ND	ND	ND	ND	0.8350
	5/27/1992		1.0000	0.026	ND	ND	ND	ND	ND	ND	1.0260
	5/27/1992		0.9400	0.034	ND	ND	ND	ND	ND	ND	0.9740
	8/27/1992		0.9100	0.077	ND	ND	ND	ND	ND	ND	0.9870
	11/23/1992		0.5500	0.110	ND	ND	ND	ND	ND	ND	0.6600
	3/3/1993		0.0410	0.017	ND	ND	ND	ND	ND	ND	0.0580
	5/17/1993		0.1900	0.086	ND	ND	ND	ND	ND	ND	0.2760
MS7I	8/24/1993		0.8000	0.180	ND	ND	ND	ND	ND	ND	0.9800
	8/24/1993		0.8200	0.180	ND	ND	ND	ND	ND	ND	1.0000
	11/19/1993		0.7400	0.150	ND	ND	ND	ND	ND	ND	0.8900
	11/28/1994		0.5700	0.290	ND	ND	ND	ND	ND	ND	0.8600
	11/27/1995		0.5100	0.280	ND	ND	ND	ND	ND	ND	0.7900
MS8I	3/20/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/20/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/21/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/26/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 3-4
Historical Water-Quality Data for On-Property and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Expressed in parts per million (ppm)

Well Number	Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Total VOCs
MS8I	12/14/1989	*	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/23/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/31/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/21/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/26/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/1/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND
	4/30/1991		0.0019	ND	ND	ND	ND	ND	ND	ND	0.0019
	8/16/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/6/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/21/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/21/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/19/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/18/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/23/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/11/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/18/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/18/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/23/1994		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/28/1995		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/20/1996		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/20/1997		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/7/1998		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/3/1999		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/8/2000		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/30/2001		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/18/2002		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/15/2003		0.0008	0.0025	ND	ND	ND	ND	ND	ND	0.0033
	12/3/2004	(643)	ND	ND	ND	ND	ND	ND	ND	ND	0.0003
	11/2/2005		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/7/2006		0.0025J	<0.005	<0.005	<0.005	<0.005	<0.050	<0.005	<0.005	0.0025J
MS9S	5/26/1988		0.1120	0.068	ND	ND	ND	ND	0.0030	ND	0.1830
	5/27/1988	(28)	0.1300	0.075	ND	ND	ND	0.005	0.0033	ND	0.2328
	10/7/1988		0.0750	0.033	ND	ND	ND	ND	0.0029	ND	0.1109
	12/22/1988	(34)	0.0930	0.013	ND	ND	ND	ND	ND	ND	0.1180
	3/17/1989		0.0630	0.026	ND	ND	ND	ND	0.0024	ND	0.0914
	6/20/1989		0.0590	0.028	ND	ND	ND	ND	0.0029	0.0010	0.0909
	9/26/1989		0.0580	0.049	ND	ND	ND	ND	0.0032	0.0012	0.1114
	12/15/1989		0.0330	0.021	ND	ND	ND	ND	0.0020	ND	0.0560
	3/26/1990		0.0310	0.024	ND	ND	ND	ND	0.0017	ND	0.0567
	6/7/1990		0.0100	0.016	ND	ND	ND	ND	ND	ND	0.0260
	6/7/1990		0.0097	0.015	ND	ND	ND	ND	ND	ND	0.0247
	8/28/1990		0.0500	0.037	ND	ND	ND	ND	0.0023	ND	0.0893
	8/28/1990		0.0530	0.038	ND	ND	ND	ND	0.0024	ND	0.0934
	12/4/1990		0.0520	0.031	ND	ND	ND	ND	0.0016	ND	0.0846
	2/8/1991		0.0290	0.028	ND	ND	ND	ND	0.0014	ND	0.0584
	2/8/1991		0.0280	0.028	ND	ND	ND	ND	0.0013	ND	0.0573
	5/7/1991		0.0150	0.015	ND	ND	ND	ND	ND	ND	0.0450
	8/14/1991		0.0340	0.022	ND	ND	ND	ND	0.0014	ND	0.0574
	12/6/1991		0.0170	0.016	ND	ND	ND	ND	ND	ND	0.0330
	12/6/1991		0.0170	0.017	ND	ND	ND	ND	ND	ND	0.0340
	2/28/1992	(149)	0.0130	0.016	ND	ND	ND	ND	ND	ND	0.0350
	5/26/1992	(153)	0.0130	0.034	ND	ND	ND	ND	ND	ND	0.0503
	9/2/1992	(155)	0.0190	0.024	ND	ND	ND	ND	ND	ND	0.0480
	9/2/1992	(154)	0.0160	0.024	ND	ND	ND	ND	ND	ND	0.0442
	11/24/1992	(165)	0.0170	0.018	ND	ND	ND	ND	ND	ND	0.0387
	2/26/1993	(169)	0.0200	0.024	ND	ND	ND	ND	ND	ND	0.0515
	5/14/1993	(172)	0.0300	0.018	ND	ND	ND	ND	0.0010	ND	0.0573
	8/18/1993	(181)	0.0200	0.025	ND	ND	ND	ND	ND	0.0005	0.0526
	11/22/1993	(192)	0.0170	0.023	ND	ND	ND	ND	0.0006	0.0008	0.0474
	11/23/1994	(223)	0.0140	0.031	ND	ND	ND	ND	ND	0.0009	0.0498
	11/27/1995	(252)	0.0200	0.024	ND	ND	ND	ND	ND	ND	0.0500
	11/27/1995	(251)	0.0210	0.023	ND	ND	ND	ND	ND	ND	0.0506
	11/20/1996	(264)	0.016	0.022	ND	ND	ND	ND	ND	ND	0.0440
	11/20/1996	(263)	0.013	0.023	ND	ND	ND	ND	ND	ND	0.0409
	11/20/1997	(322)	0.012	0.024	ND	ND	ND	ND	ND	ND	0.0412
	11/20/1997	(323)	0.012	0.024	ND	ND	ND	ND	ND	ND	0.0407
	12/4/1998	(377)	0.00967	0.0108	ND	ND	ND	ND	ND	ND	0.0272
	12/3/1999	(418)	0.00892	0.0158	ND	ND	ND	ND	ND	ND	0.0311
	12/3/1999	(419), Dup	0.00898	0.0164	ND	ND	ND	ND	ND	ND	0.0317
	12/7/2000	(442)	0.00552	0.0223	ND	ND	ND	ND	ND	ND	0.0326
	11/29/2001	(499)	0.0048	0.015	ND	ND	ND	ND	ND	ND	0.0225
	11/29/2001	(500)	0.0044	0.014	ND	ND	ND	ND	ND	ND	0.0211
	11/18/2002	(558)	0.0074	0.015	ND	ND	ND	ND	ND	ND	0.0242
	11/18/2002	(559)	0.01	0.015	ND	ND	ND	ND	ND	ND	0.0277
	12/15/2003	(619)	0.0034	0.013	ND	ND	ND	ND	ND	ND	0.0181
	12/3/2004	(644)	0.0028	0.0120	ND	ND	ND	ND	ND	0.0003J	0.0176
	11/2/2005	(682)	0.0023	0.0110	ND	ND	ND	ND	ND	ND	0.0147
	12/7/2006	(716)	0.0028	0.0150	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0206
	12/7/2006	(717), Dup	0.0029	0.0150	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0209

Table 3-4
Historical Water-Quality Data for On-Property and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Expressed in parts per million (ppm)

Well Number	Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Total VOCs
MS9S	11/5/2007	(738)	0.0010	0.0077	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0091
	11/4/2008	(777)	0.0026	0.0130	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0183
	11/11/2009	(794)	0.0022	0.0160	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	0.0209
	12/13/2010	(818)	0.0026	0.0140	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	0.0194
	10/28/2011	(836)	0.0015	0.0110	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	0.0145
	5/18/2012	(845)	0.0018	0.0110	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	0.0147
	6/14/2012	(854)	0.0008	0.0064	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	0.0076
	11/27/2012	(869)	0.0008	0.0063	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0075
	6/5/2013	(881)	0.0013	0.0077	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0106
	11/7/2013	(899)	0.0009	0.0010	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0024
	5/16/2014		0.0005	0.0039	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0044
	12/9/2014	(948)	0.0015	0.0086	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0113
MS10S	6/9/1989		0.0099	ND	ND	0.0060	ND	ND	ND	ND	0.0159
	12/19/1989	*	0.0130	0.014	0.0006	ND	ND	ND	ND	ND	0.0276
	3/28/1990		0.0071	0.005	ND	ND	ND	ND	ND	ND	0.0121
	5/31/1990		0.0060	0.004		ND	ND	ND	ND	ND	0.0100
	5/31/1990		0.0060	0.002	ND	ND	ND	ND	ND	ND	0.0080
	9/6/1990		0.0092	0.007	ND	ND	ND	ND	ND	ND	0.0158
	11/29/1990		0.0210	0.014	0.0023	ND	ND	ND	ND	ND	0.0373
	2/8/1991		0.0150	0.009	0.0017	ND	ND	ND	ND	ND	0.0256
	5/3/1991		0.0049	0.003	ND	ND	ND	ND	ND	ND	0.0077
	5/3/1991		0.0046	0.003	ND	ND	ND	ND	ND	ND	0.0071
	8/14/1991	(108)	0.0110	0.004	ND	ND	ND	ND	ND	ND	0.0160
	12/9/1991		0.0640	0.042	ND	ND	ND	ND	0.0005	ND	0.1065
	2/28/1992		0.0074	0.005	ND	ND	ND	ND	ND	ND	0.0128
	5/26/1992		0.0081	0.009	ND	ND	ND	ND	ND	ND	0.0172
	9/2/1992		0.0068	0.003	ND	ND	ND	ND	ND	ND	0.0096
	11/24/1992		0.0067	0.005	ND	ND	ND	ND	ND	ND	0.0114
	2/26/1993		0.0071	0.004	ND	ND	ND	ND	ND	ND	0.0113
	5/12/1993		0.0081	0.005	ND	ND	ND	ND	ND	ND	0.0128
	8/18/1993		0.0064	0.003	ND	ND	ND	ND	ND	ND	0.0096
	8/18/1993		0.0074	0.004	ND	ND	ND	ND	ND	ND	0.0110
	11/16/1993		0.0066	0.003	ND	ND	ND	ND	ND	ND	0.0097
	11/16/1993		0.0064	0.003	ND	ND	ND	ND	ND	ND	0.0097
	11/23/1994		0.0068	0.004	ND	ND	ND	ND	ND	ND	0.0104
	11/28/1995		0.0066	0.003	ND	ND	ND	ND	ND	ND	0.0100
	11/19/1996		0.010	0.0095	ND	ND	ND	ND	ND	ND	0.0195
	11/21/1997		0.0044	0.0019	ND	ND	ND	ND	ND	ND	0.0063
	11/21/1997		0.0051	0.0033	ND	ND	ND	ND	ND	ND	0.0084
	12/4/1998		0.00555	0.00714	ND	ND	ND	ND	ND	ND	0.0127
	12/3/1999		0.0031	0.00168	ND	ND	ND	ND	ND	ND	0.0048
	12/7/2000		0.00324	0.00867	ND	ND	ND	ND	ND	ND	0.0119
	11/30/2001		0.0031	0.0016	ND	ND	ND	ND	ND	ND	0.0047
	11/19/2002		0.0028	0.0045	ND	ND	ND	ND	ND	ND	0.0073
	12/16/2003	(603)	0.0047	0.1500	ND	ND	ND	ND	ND	ND	0.1558
	12/3/2004	(645)	0.0060	0.1500	ND	ND	ND	ND	ND	ND	0.1579
	11/2/2005	(681)	0.0053	0.1400	ND	0.0004J	0.0003J	ND	ND	0.0003J	0.1479
	12/7/2006	(720)	0.0065	0.1400	<0.0013	<0.0013	<0.0013	<0.0130	<0.0013	<0.0013	0.1482
	11/6/2007	(739)	0.0045	0.1100	<0.0007	<0.0007	<0.0007	<0.0071	<0.0007	<0.0007	0.1157
	11/4/2008	(778)	0.0049	0.1100	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	0.1160
	11/13/2009	(798)	0.0043	0.0900	<0.0005	0.0004J	<0.0005	<0.005	<0.0005	<0.0005	0.0959
	12/13/2010	(819)	0.0028	0.0970	<0.0005	0.0003J	<0.0005	<0.005	<0.0005	<0.0005	0.1012
	11/14/2011	(837)	0.0035	0.1100	<0.0025	<0.0025	<0.0025	<0.025	<0.0025	<0.0025	0.1155
	11/27/2012	(870)	0.0037	0.1000	<0.0005	0.0003J	<0.0005	<0.002	<0.0005	<0.0005	0.1052
	11/8/2013	(900)	0.0029	0.1000	<0.001	<0.001	<0.001	<0.004	<0.001	<0.001	0.1046
	12/4/2014	(931)	0.0031	0.092	<0.001	<0.001	<0.001	<0.004	<0.001	<0.001	0.0963
PS1S	12/9/2014	(949)	0.040	0.031	<0.0005	<0.0005	<0.0005	<0.002	0.0028	<0.0005	0.0806
	6/26/2015	(966)	0.003	0.160	<0.001	<0.001	<0.001	<0.004	<0.001	0.01	0.1748
PS3I	11/8/2013		0.0140	0.0003J	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0143
	5/16/2014		0.010	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.010
	12/9/2014		0.014	0.0004J	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0144
	6/26/2015		0.015	0.0005 J	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0155
PS4S	10/28/2011	(838)	0.0360	0.0630	<0.0005	<0.0005	<0.0005	<0.005	0.0013	<0.0005	0.1057
	5/18/2012	(846)	0.0380	0.0590	<0.0005	<0.0005	<0.0005	<0.005	0.0016	<0.0005	0.1030
	11/8/2013	(901)	0.0450	0.0350	<0.0005	<0.0005	<0.0005	<0.002	0.0021	<0.0005	0.0868
PS5I	11/7/2013	(902)	0.0065	0.0020	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0091
	6/12/2014	(928)	0.0067	0.0028	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	0.0005	0.0107
PS6S	10/28/2011	(839)	0.0800	0.1500	<0.0005	0.0006	<0.0005	<0.005	0.0034	0.0750	0.3108
	5/18/2012	(847)	0.0800	0.0570	<0.0005	0.0004J	<0.0005	0.0073	0.0044	0.0180	0.1763
	6/14/2012	(855)	0.0680	0.0450	<0.0005	0.0003J	<0.0005	0.0056	0.0037	0.0180	0.1498
	6/5/2013	(882)	0.0570	0.041	<0.0005	0.0003J	<0.0005	<0.002	0.0014	0.016	0.1970
	11/11/2013	(903)	0.0710	0.064	<0.0005	0.0003J	<0.0005	<0.002	0.0021	0.035	0.1777
Duplicate	11/11/2013	(904)	0.0690	0.061	<0.0005	<0.0005	<0.0005	<0.002	0.0020	0.032	0.1691

Table 3-4
Historical Water-Quality Data for On-Property and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Expressed in parts per million (ppm)

Well Number	Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Total VOCs
PS6S	5/16/2014	(920)	0.052	0.054	<0.0005	0.0003 J	<0.0005	<0.002	0.0013	0.051	0.163
	12/9/2014	(950)	0.019	0.031	<0.0005	<0.0005	<0.0005	<0.002	0.0004 J	0.0047	0.0566
	6/26/2015	(967)	0.040	0.058	<0.0005	0.0003 J	<0.0005	<0.002	0.0008	0.096	0.1966
W16I	12/22/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND
C-1	6/16/1988		ND	0.002	ND	ND	ND	ND	ND	ND	0.0019
	7/25/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/25/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/10/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/21/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/14/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/19/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/19/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/18/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/22/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/30/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/20/1990	(64)	ND	ND	ND	ND	ND	ND	ND	ND	0.0018
	11/26/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/30/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/30/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND
	4/29/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/14/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/10/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/10/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/21/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/19/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/18/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/17/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/24/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/12/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/17/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/22/1994		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/16/1995		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/20/1996		0.00077	ND	ND	ND	ND	ND	ND	ND	0.00077
	5/14/1997		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/27/1997		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/19/1997		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/3/1998		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/7/1999		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/8/2000		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/29/2001	(501)	ND	ND	ND	ND	ND	ND	ND	ND	0.057
	11/27/2002	(547)	ND	ND	ND	ND	ND	ND	ND	ND	0.05
	Well abandoned										
C-2	6/16/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/10/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/10/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/21/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/14/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/19/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/19/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/19/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/18/1989	*	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/22/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/31/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/20/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/26/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/30/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND
	4/29/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/14/1991		0.0005	ND	ND	ND	ND	ND	ND	ND	0.0005
	11/5/1991	**	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/5/1991	**	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/21/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/19/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/18/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/17/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/24/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/12/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/17/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/22/1994		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/16/1995		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/20/1996		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/19/1997		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/3/1998		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/7/1999		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/7/2000		ND	ND	ND	ND	ND	ND	ND	ND	ND
	Well abandoned										

Table 3-4
Historical Water-Quality Data for On-Property and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Expressed in parts per million (ppm)

Well Number	Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Total VOCs
D1	9/24/1984		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/19/1984		0.0010	ND	ND	ND	ND	0.055	ND	ND	0.0560
	11/19/1984	(30)	ND	ND	ND	ND	ND	0.055	ND	ND	0.7650
D2	9/24/1984		ND	ND	ND	0.0010	ND	ND	ND	ND	0.0010
	11/19/1984		0.0010	ND	ND	ND	ND	ND	ND	ND	0.0010
D3	9/24/1984		ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/19/1984	(31)	ND	ND	ND	ND	ND	ND	ND	ND	0.026
ES-1S	6/21/1989		0.3200	0.110	ND	ND	ND	ND	0.0140	ND	0.4440
	9/27/1989		0.3100	0.093	ND	ND	ND	ND	0.0160	ND	0.4190
	8/21/1991	(107)	0.1600	ND	ND	ND	ND	ND	0.0066	ND	0.1899
	12/5/1991		0.2700	0.076	ND	ND	ND	ND	0.0130	ND	0.3590
	2/28/1992	(148)	0.1800	0.058	ND	ND	ND	ND	0.0083	ND	0.2713
	5/26/1992		0.2000	0.051	ND	ND	ND	ND	ND	ND	0.2510
	8/25/1992		0.2600	0.042	ND	ND	ND	ND	ND	ND	0.3020
	11/24/1992	(167)	0.2300	0.064	ND	ND	ND	ND	0.0110	ND	0.3270
	3/3/1993	(171)	0.2300	0.071	ND	ND	ND	ND	0.0088	ND	0.3318
	3/3/1993	(170)	0.2400	0.077	ND	ND	ND	ND	0.0092	ND	0.3472
	5/12/1993		0.1800	0.053	ND	ND	ND	ND	ND	ND	0.2550
	8/18/1993	(183)	0.2300	0.061	ND	ND	ND	ND	0.0063	ND	0.3193
	11/16/1993	(202)	0.2000	0.054	ND	ND	ND	ND	0.0095	ND	0.2635
	11/22/1993	(190)	0.2100	0.057	ND	ND	ND	ND	0.0079	ND	0.2859
	2/15/1994	(205)	0.1600	0.047	ND	ND	ND	ND	0.0059	ND	0.2129
	5/18/1994	(212)	0.1500	0.043	ND	ND	ND	ND	0.0064	ND	0.2076
	8/17/1994	(214)	0.1500	0.034	ND	ND	ND	ND	0.0055	ND	0.1951
	11/23/1994	(224)	0.1400	0.035	ND	ND	ND	ND	0.0050	ND	0.1839
	2/14/1995	(229)	0.1400	0.039	ND	ND	ND	ND	0.0068	ND	0.1897
	5/16/1995	(238)	0.1400	0.035	ND	ND	ND	ND	0.0063	ND	0.1874
	8/15/1995	(242)	0.1500	0.033	ND	ND	ND	ND	0.0060	ND	0.1951
	11/27/1995	(253)	0.1500	0.042	ND	ND	ND	ND	0.0060	ND	0.2049
	2/13/1996	(257)	0.1500	0.043	ND	ND	ND	ND	0.0066	ND	0.2088
	5/16/1996	(258)	0.1600	0.046	ND	ND	ND	ND	0.0063	ND	0.2214
	8/21/1996	(260)	0.1200	0.031	ND	ND	ND	ND	0.0052	ND	0.1625
	11/20/1996	(265)	0.120	0.035	ND	ND	ND	ND	0.0057	ND	0.1693
	2/12/1997	(275)	0.110	0.035	ND	ND	ND	ND	ND	ND	0.1535
	5/14/1997	(276)	0.140	0.041	ND	ND	ND	ND	0.0061	ND	0.1956
	8/28/1997	(279)	0.096	0.028	ND	ND	ND	ND	0.0040	ND	0.1340
	11/20/1997	(316)	0.140	0.036	ND	ND	ND	ND	0.0060	ND	0.189
	2/19/1998	(337)	0.120	0.036	ND	ND	ND	ND	0.006	ND	0.1740
	6/4/1998		0.100	0.032	ND	ND	ND	ND	ND	ND	0.1320
	8/14/1998	(348)	0.124	0.0267	ND	ND	ND	ND	0.00603	ND	0.1689
	12/4/1998	(374)	0.123	0.0188	ND	ND	ND	ND	0.00674	ND	0.1592
	2/25/1999	(389)	0.122	0.0259	ND	ND	ND	ND	0.00650	ND	0.1672
	6/3/1999	(394)	0.098	0.0175	ND	ND	ND	ND	0.00550	ND	0.1310
	8/12/1999	(402)	0.130	0.0254	ND	ND	ND	ND	0.0076	ND	0.1753
	12/3/1999	(423)	0.115	0.0340	ND	ND	ND	ND	0.0056	ND	0.1663
	3/15/2000	(429)	0.076	0.0256	ND	ND	ND	ND	ND	ND	0.1094
	5/12/2000	(432)	0.122	0.0325	ND	ND	ND	ND	0.006	ND	0.1734
	8/30/2000	(438)	0.087	0.0302	ND	ND	ND	ND	0.004	ND	0.1300
	11/30/2000	(449)	0.070	0.0267	ND	ND	ND	ND	0.004	ND	0.1086
	3/5/2001	(460)	0.064	0.0247	ND	ND	ND	ND	0.003	ND	0.0992
	5/15/2001	(462)	0.074	0.0220	ND	ND	ND	ND	0.00336	ND	0.1074
	8/14/2001	(466)	0.076	0.0210	ND	ND	ND	ND	0.0037	ND	0.1081
	11/29/2001	(502)	0.073	0.024	ND	ND	ND	ND	0.0036	ND	0.1086
	2/12/2002	(506)	0.084	0.023	ND	ND	ND	ND	0.0036	ND	0.1185
	5/14/2002	(515)	0.086	0.022	ND	ND	ND	ND	0.0035	ND	0.1182
	8/9/2002	(526)	0.078	0.022	ND	ND	ND	ND	0.0028	ND	0.1096
	11/19/2002	(533)	0.065	0.017	ND	ND	ND	ND	0.0036	ND	0.0926
	2/27/2003	(575)	0.073	0.019	ND	ND	ND	ND	0.0035	ND	0.1031
	6/17/2003	(584)	0.065	0.021	ND	ND	ND	ND	0.0037	ND	0.0965
	9/29/2003	(594)	0.074	0.019	ND	ND	ND	ND	0.0035	ND	0.1035
	Pumping stopped December 4, 2003										
	12/15/2003	(601)	0.050	0.019	ND	ND	ND	ND	0.0022	ND	0.0748
	3/16/2004	(612)	0.058	0.023	ND	ND	ND	ND	0.0023	ND	0.0872
	6/9/2004	(626)	0.053	0.021	ND	ND	ND	ND	0.0025	ND	0.0821
	9/15/2004	(632)	0.056	0.021	ND	ND	ND	ND	0.0027	ND	0.0848
	12/3/2004	(646)	0.0650	0.0270	ND	ND	ND	ND	0.0028	0.0003J	0.0994
	12/3/2004	(647)	0.0590	0.0250	ND	ND	ND	ND	0.0032	0.0003J	0.0919
	2/11/2005	(656)	0.0580	0.0220	ND	ND	ND	ND	0.0028	ND	0.0873
	5/13/2005	(661)	0.0540	0.0180	ND	ND	ND	ND	0.0027	ND	0.0807
	8/19/2005	(669)	0.0570	0.0200	ND	ND	ND	ND	0.0034	ND	0.0879
	8/19/2005	(670)	0.0590	0.0200	ND	ND	ND	ND	0.0035	ND	0.0910
	11/2/2005	(679)	0.0700	0.0250	ND	ND	ND	ND	0.0026	0.0004J	0.1058
	11/2/2005	(680)	0.0710	0.0250	ND	ND	ND	ND	0.0027	0.0004J	0.1067

Table 3-4
Historical Water-Quality Data for On-Property and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Expressed in parts per million (ppm)

Well Number	Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Total VOCs
ES-1S	3/16/2006	(691)	0.0500	0.0200	ND	ND	ND	ND	0.0025	ND	0.0781
	5/19/2006	(706)	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/19/2006	(707)	0.0550	0.0230	<0.0005	<0.0005	<0.0005	<0.0050	0.0029	<0.0005	0.0887
	12/7/2006	(722)	0.0560	0.0250	<0.0005	<0.0005	<0.0005	<0.0050	0.0032	<0.0005	0.0909
	Pumping reactivated in January 2007										
	5/22/2007	(728)	0.0380	0.0170	<0.0005	<0.0005	<0.0005	<0.0050	<0.0026	<0.0005	0.0608
	11/6/2007	(740)	0.0500	0.0150	<0.0005	<0.0005	<0.0005	<0.0050	0.0028	<0.0005	0.0744
	6/5/2008	(767)	0.0440	0.0170	<0.0005	<0.0005	<0.0005	<0.0050	0.0022	<0.0005	0.0691
	11/4/2008	(779)	0.0530	0.0150	<0.0005	<0.0005	<0.0005	<0.0050	0.0035	<0.0005	0.0786
	5/13/2009	(787)	0.0400	0.0130	<0.0005	<0.0005	<0.0005	<0.0050	0.0018	<0.0005	0.0599
	11/13/2009	(799)	0.0490	0.0150	<0.0005	<0.0005	<0.0005	<0.005	0.0029	<0.0005	0.0735
	5/25/2010	(807)	0.039	0.013	<0.0005	<0.0005	<0.0005	<0.005	0.0023	<0.0005	0.0594
	12/13/2010	(820)	0.033	0.015	<0.0005	<0.0005	<0.0005	<0.005	0.0019	<0.0005	0.0558
	5/17/2011	(827)	0.030	0.014	<0.0005	<0.0005	<0.0005	<0.002	0.0018	<0.0005	0.0511
	11/14/2011	(840)	0.040	0.013	<0.0005	<0.0005	<0.0005	<0.005	0.0021	<0.0005	0.0608
	6/13/2012	(856)	0.035	0.012	<0.0005	<0.0005	<0.0005	<0.005	0.0021	<0.0005	0.0547
	11/26/2012	(871)	0.041	0.014	<0.0005	<0.0005	<0.0005	<0.002	0.0026	0.0003J	0.0649
	6/5/2013	(883)	0.035	0.012	<0.0005	<0.0005	<0.0005	<0.002	0.0025	<0.0005	0.0561
	11/8/2013	(905)	0.040	0.015	<0.0005	<0.0005	<0.0005	<0.002	0.0027	<0.0005	0.0653
	5/14/2014	(921)	0.038	0.015	<0.0005	<0.0005	<0.0005	<0.002	0.0020	<0.0005	0.0613
	12/4/2014	(932)	0.044	0.012	<0.0005	<0.0005	<0.0005	<0.002	0.0025	<0.0005	0.0639
	6/26/2015	(954)	0.033	0.02	<0.0005	<0.0005	<0.0005	<0.002	0.0019	<0.0005	0.0617
ES-2S	6/20/1989		0.1300	0.048	ND	ND	ND	ND	0.0029	ND	0.1809
	9/26/1989		0.1200	0.042	ND	0.0007	ND	ND	0.0031	ND	0.1658
	5/12/1993		0.1400	0.022	ND	ND	ND	ND	0.0041	ND	0.1661
	8/30/1993		0.1600	0.024	ND	ND	ND	ND	0.0058	ND	0.1898
	8/30/1993	(186)	0.1600	0.023	ND	ND	ND	ND	0.0060	ND	0.1890
	11/22/1993		0.1600	0.027	ND	ND	ND	ND	0.0057	ND	0.1927
	2/15/1994		0.1200	0.017	ND	ND	ND	ND	0.0045	ND	0.1415
	5/18/1994		0.1000	0.012	ND	ND	ND	ND	0.0042	ND	0.1162
	8/17/1994		0.1300	0.017	ND	ND	ND	ND	0.0046	ND	0.1516
	11/23/1994		0.1300	0.018	ND	ND	ND	ND	0.0045	ND	0.1525
	2/14/1995		0.1000	0.014	ND	ND	ND	ND	0.0046	ND	0.1186
	5/18/1995		0.1100	0.018	ND	ND	ND	ND	0.0047	ND	0.1327
	8/15/1995		0.1200	0.015	ND	ND	ND	ND	0.0048	ND	0.1398
	11/27/1995		0.1200	0.014	ND	ND	ND	ND	0.0041	ND	0.1381
	2/13/1996		0.1100	0.014	ND	ND	ND	ND	0.0045	ND	0.1285
	5/16/1996		0.1200	0.012	ND	ND	ND	ND	0.0039	ND	0.1359
	8/21/1996		0.1100	0.013	ND	ND	ND	ND	0.0046	ND	0.1276
	11/22/1996		0.098	0.013	ND	ND	ND	ND	0.0043	ND	0.1153
	2/12/1997		0.085	0.023	ND	ND	ND	ND	ND	ND	0.1080
	5/14/1997	(277)*	0.120	0.032	ND	ND	ND	ND	0.0053	ND	0.1638
	8/28/1997		0.080	0.010	ND	ND	ND	ND	0.0030	ND	0.0930
	11/20/1997	(317)	0.110	0.015	ND	ND	ND	0.0007	0.0052	ND	0.1315
	2/19/1998	(338)	0.097	0.033	ND	ND	ND	ND	0.004	ND	0.1361
	2/19/1998		0.110	0.030	ND	ND	ND	ND	ND	ND	0.1400
	6/4/1998	(344)	0.099	0.021	ND	ND	ND	ND	0.0038	ND	0.1244
	8/14/1998	(347)	0.0908	0.0101	ND	ND	ND	0.0006	0.0048	ND	0.1087
	12/4/1998	(373)	0.0828	0.0085	ND	ND	ND	ND	0.00424	ND	0.0985
	2/25/1999	(388)	0.0976	0.0240	ND	ND	ND	ND	0.00475	ND	0.1308
	6/3/1999	(393)	0.1000	0.0168	ND	ND	ND	ND	0.056	ND	0.1813
	8/12/1999	(401)	0.105	0.0086	ND	ND	ND	ND	0.0082	ND	0.1273
	12/3/1999	(422)	0.069	0.0094	ND	ND	ND	ND	0.00362	ND	0.0834
	3/15/2000	(430), Dup	0.0738	0.0245	ND	ND	ND	ND	0.00372	ND	0.1080
	3/15/2000		0.0679	0.0222	ND	ND	ND	ND	ND	ND	0.0901
	5/12/2000		0.0778	0.0127	ND	ND	ND	ND	ND	ND	0.0905
	11/30/2000		0.0601	0.0150	ND	ND	ND	ND	ND	ND	0.0751
	3/5/2001	(459)	0.0549	0.0157	ND	ND	ND	ND	0.0027	ND	0.0751
	5/15/2001		0.0608	0.0137	ND	ND	ND	ND	0.0029	ND	0.0788
	8/14/2001	(467)	0.0680	0.0120	ND	ND	ND	ND	0.0035	ND	0.0852
	11/29/2001	(503)	0.0580	0.0120	ND	ND	ND	ND	0.0032	ND	0.0748
	2/12/2002	(507)	0.0650	0.0120	ND	ND	ND	ND	0.0030	ND	0.0815
	5/14/2002	(516)	0.0700	0.0100	ND	ND	ND	ND	0.0032	ND	0.0845
	8/9/2002	(527)	0.0710	0.0110	ND	ND	ND	ND	0.0030	ND	0.0864
	11/19/2002	(534)	0.0620	0.0110	ND	ND	ND	ND	0.0035	ND	0.0782
	2/27/2003	(576)	0.0660	0.0130	ND	ND	ND	ND	0.0032	ND	0.0840
	6/17/2003	(585)	0.0640	0.0120	ND	ND	ND	ND	0.0038	ND	0.0815
	9/29/2003	(592)	0.0740	0.0130	ND	ND	ND	ND	0.0037	ND	0.0924
	9/29/2003	(593)	0.0700	0.0130	ND	ND	ND	ND	0.0037	ND	0.0883
	Pumping stopped December 4, 2003										
	12/16/2003	(600)	0.0440	0.0400	ND	ND	ND	ND	0.0022	ND	0.0874
	3/16/2004	(611)	0.0430	0.0380	ND	ND	ND	ND	0.0024	ND	0.0843
	6/9/2004	(627)	0.0300	0.0670	ND	ND	ND	ND	0.0017	ND	0.1006
	9/17/2004	(633)	0.029	0.057	ND	ND	ND	ND	0.0018	ND	0.0897

Table 3-4
Historical Water-Quality Data for On-Property and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Expressed in parts per million (ppm)

Well Number	Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Total VOCs
ES-2S	12/3/2004	(648)	0.0350	0.0560	ND	ND	ND	ND	0.0019	ND	0.0946
	2/11/2005	(655)	0.0410	0.0310	ND	ND	ND	ND	0.0024	ND	0.0759
	5/13/2005	(662)	0.0350	0.0590	ND	ND	ND	ND	0.0021	ND	0.0978
	8/19/2005	(671)	0.0320	0.0560	ND	ND	ND	ND	0.0024	ND	0.0923
	11/2/2005	(677)	0.0430	0.0630	ND	ND	ND	ND	0.0020	0.0004J	0.1105
	3/16/2006	(692)	0.0360	0.0500	ND	0.0004J	ND	ND	0.0020	ND	0.0906
	3/16/2006	(693)	0.0360	0.0500	ND	ND	ND	ND	0.0019	ND	0.0900
	5/19/2006	(705)	0.0380	0.0720	<0.0005	0.0003J	<0.0005	<0.0050	0.0021	<0.0005	0.1145
	9/19/2006	(708)	0.0410	0.0760	<0.0005	0.0003J	<0.0005	<0.0050	0.0026	0.0003J	0.1228
	12/7/2006	(719)	0.0370	0.0640	<0.0005	<0.0005	<0.0005	<0.0050	0.0026	0.0003J	0.1062
	Pumping reactivated in January 2007										
	5/22/2007	(727)	0.0330	0.0460	<0.0005	<0.0005	<0.0005	<0.0050	0.0024	<0.0005	0.0840
	11/6/2007	(741)	0.0450	0.0120	<0.0005	<0.0005	<0.0005	<0.0050	0.0025	<0.0005	0.0609
	11/6/2007	(745)	0.0440	0.0120	<0.0005	<0.0005	<0.0005	<0.0050	0.0027	<0.0005	0.0603
	6/5/2008	(768)	0.0450	0.0180	<0.0005	<0.0005	<0.0005	<0.0050	0.0028	<0.0005	0.0673
	11/4/2008	(780)	0.0400	0.0200	<0.0005	<0.0005	<0.0005	<0.0050	0.0026	<0.0005	0.0645
	5/13/2009	(788)	0.0300	0.0120	<0.0005	<0.0005	<0.0005	<0.0050	0.0017	<0.0005	0.0452
	11/13/2009	(800)	0.0400	0.0120	<0.0005	<0.0005	<0.0005	<0.005	0.0030	<0.0005	0.0568
	5/25/2010	(808)	0.033	0.011	<0.0005	<0.0005	<0.0005	<0.005	0.0022	<0.0005	0.0477
	12/13/2010	(821)	0.039	0.012	<0.0005	<0.0005	<0.0005	<0.005	0.0025	<0.0005	0.0553
	12/13/2010	(822)	0.036	0.011	<0.0005	<0.0005	<0.0005	<0.005	0.0022	<0.0005	0.051
	5/17/2011	(828)	0.027	0.013	<0.0005	<0.0005	<0.0005	<0.002	0.0018	<0.0005	0.0431
	10/28/2011	(841)	0.033	0.0096	<0.0005	<0.0005	<0.0005	<0.002	0.0023	<0.0005	0.0466
	5/18/2012	(848)	0.035	0.01	<0.0005	<0.0005	<0.0005	<0.10	0.0026	0.0007	0.05
	6/13/2012	(857)	0.033	0.01	<0.0005	<0.0005	<0.0005	<0.002	0.0028	0.0007	0.0483
	11/26/2012	(872)	0.033	0.011	<0.0005	<0.0005	<0.0005	<0.002	0.0024	0.0004J	0.049
	6/5/2013	(884)	0.030	0.0082	<0.0005	<0.0005	<0.0005	<0.002	0.0026	<0.0005	0.0425
	11/8/2013	(906)	0.038	0.011	<0.0005	<0.0005	<0.0005	<0.002	0.003	<0.0005	0.0544
	5/14/2014	(922)	0.033	0.0088	<0.0005	<0.0005	<0.0005	<0.002	0.0019	<0.0005	0.0454
	12/4/2014	(933)	0.038	0.010	<0.0005	<0.0005	<0.0005	<0.002	0.0026	<0.0005	0.0523
	6/26/2015	(955)	0.038	0.012	<0.0005	<0.0005	<0.0005	<0.002	0.0025	<0.0005	0.0541
ES3I	6/22/1989		1.1000	ND	ND	ND	ND	0.120	0.0310	ND	1.2510
	9/25/1989		1.0000	ND	ND	ND	ND	0.110	0.0480	ND	1.1580
	8/21/1991	(106)	0.3100	ND	ND	ND	ND	ND	0.0100	ND	0.3660
	12/5/1991		0.6100	ND	ND	ND	ND	0.079	0.0340	ND	0.7230
	3/3/1992		0.6400	ND	ND	ND	ND	ND	ND	ND	0.6400
	5/26/1992		0.3500	ND	ND	ND	ND	ND	ND	ND	0.3500
	8/26/1992		0.4400	ND	ND	ND	ND	0.043	ND	ND	0.4830
	11/24/1992	(166)	0.4600	ND	ND	ND	ND	0.064	0.0260	ND	0.5860
	3/2/1993		0.4400	ND	ND	ND	ND	0.072	0.0190	ND	0.5670
	5/12/1993	(173)	0.4000	ND	ND	ND	ND	0.059	0.0200	ND	0.5120
	8/18/1993	(179)	0.3600	ND	ND	ND	ND	0.029	0.0160	ND	0.4260
	11/22/1993	(191)	0.3900	ND	ND	ND	ND	0.062	0.0230	ND	0.5110
	2/15/1994	(206)	0.3400	ND	ND	ND	ND	0.063	0.0230	ND	0.4260
	5/18/1994	(213)	0.3600	ND	ND	ND	ND	0.055	0.0330	ND	0.4810
	8/17/1994	(216)	0.3100	ND	ND	ND	ND	0.067	0.0210	ND	0.4300
	8/17/1994	(215)	0.3300	ND	ND	ND	ND	0.078	0.0230	ND	0.4640
	11/28/1994	(226)	0.3300	ND	ND	ND	ND	0.049	0.0190	ND	0.4310
	11/28/1994	(225)	0.3400	ND	ND	ND	ND	0.058	0.0200	ND	0.4180
	2/14/1995	(230)	0.2800	ND	ND	ND	ND	0.052	0.0190	ND	0.3840
	5/16/1995	(239)	0.3100	ND	ND	ND	ND	0.066	0.0230	ND	0.4370
	5/16/1995	(231)	0.2900	ND	ND	ND	ND	0.056	0.0210	ND	0.4000
	8/15/1995	(241)	0.3200	ND	ND	ND	ND	0.067	0.0230	ND	0.4460
	11/27/1995	(254)	0.3400	ND	ND	ND	ND	0.074	0.0240	ND	0.4760
	2/13/1996	(256)	0.3400	ND	ND	ND	ND	0.089	0.0280	ND	0.4980
	5/16/1996	(259)	0.3800	ND	ND	ND	ND	0.087	0.0290	ND	0.5390
	8/21/1996	(261)	0.3500	ND	ND	ND	ND	0.070	0.0310	ND	0.5040
	11/22/1996	(266)	0.350	ND	ND	ND	ND	0.083	0.036	ND	0.5290
	2/12/1997	(274)	0.270	ND	ND	ND	ND	0.059	ND	ND	0.3730
	5/14/1997	(278)*	0.320	ND	ND	ND	ND	0.070	0.031	ND	0.4740
	8/28/1997	(280)	0.260	ND	ND	ND	ND	0.055	0.024	ND	0.3830
	11/19/1997	(318)	0.300	ND	ND	ND	ND	ND	0.039	ND	0.339
	2/19/1998	(339)	0.310	ND	ND	ND	ND	0.037	0.026	ND	0.4190
	6/4/1998	(343)	0.340	ND	ND	ND	ND	0.046	0.024	ND	0.4490
	8/14/1998	(346)	0.575	ND	ND	ND	ND	0.0781	0.0524	ND	0.7869
	12/4/1998	(375)	0.669	ND	ND	ND	ND	0.0872	ND	ND	0.8476
	2/25/1999	(387)	0.396	ND	ND	ND	ND	0.0537	0.0338	ND	0.5439
	6/3/1999	(392)	0.293	ND	ND	ND	ND	0.0376	0.0224	ND	0.3952
	8/12/1999	(400)	0.772	ND	ND	ND	ND	0.103	0.070	ND	1.0540
	12/3/1999	(420)	0.414	ND	ND	ND	ND	0.0422	0.0356	ND	0.5524
	3/15/2000	(431)	0.286	ND	ND	ND	ND	0.0378	0.0184	ND	0.3826
	5/12/2000	(433)	0.419	ND	ND	ND	ND	0.0436	0.0284	ND	0.5567
	8/30/2000	(439)	0.283	ND	ND	ND	ND	0.0344	0.0182	ND	0.3769
	11/30/2000	(448)	0.257	ND	ND	ND	ND	0.0267	0.0148	ND	0.3368
	3/5/2001	(458)	0.252	ND	ND	ND	ND	0.0291	0.0139	ND	0.2950
	5/15/2001	(463)	0.287	ND	ND	ND	ND	0.0273	0.0168	ND	0.3659

Table 3-4
Historical Water-Quality Data for On-Property and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Expressed in parts per million (ppm)

Well Number	Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Total VOCs
ES-3I	8/14/2001	(471)	0.270	ND	ND	ND	ND	0.0300	0.0150	ND	0.3150
	11/29/2001	(504)	0.230	ND	ND	ND	ND	0.0260	0.0130	ND	0.3010
	2/12/2002	(508)	0.290	ND	ND	ND	ND	0.0310	0.0140	ND	0.3680
	5/14/2002	(517)	0.310	ND	ND	ND	ND	0.0230	0.0150	ND	0.3770
	8/9/2002	(528)	0.290	ND	ND	ND	ND	0.0040	0.0110	ND	0.3330
	11/19/2002	(535)	0.280	ND	ND	ND	ND	0.0310	0.0150	ND	0.3590
	2/27/2003	(577)	0.280	ND	ND	ND	ND	0.0310	0.0130	ND	0.3550
	6/17/2003	(586)	0.240	ND	ND	ND	ND	0.0270	0.0130	ND	0.3110
	9/29/2003	(591)	0.240	ND	ND	ND	ND	0.0230	0.0110	ND	0.3000
	Pumping stopped December 4, 2003										
	12/16/2003	(599)	0.250	0.0031	ND	ND	ND	0.0270	0.0077	ND	0.3028
	12/3/2004	(649)	0.2200	0.0023	ND	ND	ND	0.0280	0.0088	ND	0.2791
	2/11/2005	(653)	0.2300	0.0014	ND	ND	ND	0.0310	0.0100	ND	0.2944
	5/13/2005	(663)	0.1900	ND	ND	ND	ND	0.0280	0.0077	ND	0.2407
	8/19/2005	(672)	0.2100	0.0012J	ND	ND	ND	0.017J	0.0130	ND	0.2672
	11/2/2005	(678)	0.2300	0.0036	ND	ND	ND	0.0280	0.0073	ND	0.2879
	5/19/2005	(702)	0.2500	0.0027	<0.0020	<0.0020	<0.0020	0.0330	0.0099	<0.0020	0.3136
	9/19/2006	(709)	0.2600	0.0012J	<0.0013	<0.0013	<0.0013	0.0340	0.0120	<0.0013	0.3342
	12/7/2006	(721)	0.2300	0.0014J	<0.0020	<0.0020	<0.0020	0.0490	0.0100	<0.0020	0.3144
	Pumping reactivated in January 2007										
	11/5/2007	(742)	0.2100	<0.0020	<0.0020	<0.0020	<0.0020	0.0250	0.0073	<0.0020	0.2583
	11/4/2008	(781)	0.2200	<0.0017	<0.0017	<0.0017	<0.0017	0.0170	0.0054	<0.0017	0.2485
	11/13/2009		0.1800	<0.001	<0.001	<0.001	<0.001	0.0140	0.0032	<0.001	0.1972
	12/13/2010		0.1900	<0.001	<0.001	<0.001	<0.001	0.0110	0.0029	<0.001	0.2039
	11/14/2011	(842)	0.1900	0.040	<0.0013	<0.0013	<0.0013	<0.045	0.0030	0.0013	0.2349
	6/15/2012	(858)	0.1500	0.100	<0.0017	<0.0017	<0.0017	0.0045J	0.0040	0.0210	0.2823
	11/26/2012	(873)	0.1300	0.092	<0.0007	0.0005J	<0.0007	0.0030	0.0028	0.0011	0.2331
	6/17/2013	(885)	0.098	0.079	<0.0005	0.0009	<0.0005	0.0028	0.0026	0.013	0.2005
	11/7/2013	(907)	0.089	0.063	<0.0005	0.0004J	<0.0005	0.0021	0.0024	0.010	0.1712
	5/16/2014	(923)	0.072	0.049	<0.0007	<0.0007	<0.0007	<0.0029	0.0016	0.032	0.1641
	12/4/2014	(951)	0.062	0.022	<0.0005	<0.0005	<0.0005	<0.0020	0.0019	0.0083	0.0990
	7/1/2015	(968)	0.068	0.021	<0.0005	<0.0005	<0.0005	<0.002	0.0017	0.012	0.1076
ES4I	6/19/1989		0.5400	0.041	ND	ND	ND	0.015	0.0063	ND	0.6023
	9/25/1989	(48)	0.4600	0.046	ND	ND	ND	ND	0.0059	ND	0.6619
	8/21/1991	(105)	0.4400	ND	ND	ND	ND	ND	ND	ND	0.4540
	12/5/1991		0.5800	0.048	ND	ND	ND	0.012	0.0076	ND	0.6476
	2/28/1992		0.3300	0.031	ND	ND	ND	ND	ND	ND	0.3610
	5/26/1992		0.4000	ND	ND	ND	ND	ND	ND	ND	0.4000
	8/25/1992		0.5300	0.013	ND	ND	ND	ND	ND	ND	0.5430
	11/24/1992		0.4700	0.047	ND	ND	ND	ND	ND	ND	0.5170
	3/3/1993		0.4900	0.065	ND	ND	ND	ND	ND	ND	0.5550
	5/17/1993		0.5100	0.065	ND	ND	ND	ND	ND	ND	0.5750
	8/24/1993		0.5100	0.068	ND	ND	ND	ND	ND	ND	0.5780
	11/22/1993		0.6200	0.074	ND	ND	ND	ND	ND	ND	0.6940
	11/22/1993		0.5800	0.069	ND	ND	ND	ND	ND	ND	0.6490
	5/18/1994		0.4700	0.052	ND	ND	ND	ND	ND	ND	0.5220
	8/17/1994		0.5100	0.065	ND	ND	ND	ND	ND	ND	0.5750
	11/16/1994		0.5000	0.073	ND	ND	ND	ND	ND	ND	0.5730
	2/14/1995		0.4500	0.083	ND	ND	ND	ND	ND	ND	0.5330
	5/16/1995		0.2100	0.100	ND	ND	ND	ND	ND	ND	0.3100
	8/15/1995	(241)	0.5400	0.073	ND	ND	ND	0.012	ND	ND	0.6630
	8/15/1995	(240)	0.5500	0.073	ND	ND	ND	0.011	ND	ND	0.6450
	11/27/1995		0.5300	0.080	ND	ND	ND	ND	ND	ND	0.6100
	2/13/1996		0.4600	0.073	ND	ND	ND	ND	ND	ND	0.5330
	5/16/1996		0.5900	0.084	ND	ND	ND	ND	ND	ND	0.6740
	8/21/1996		0.5300	0.059	ND	ND	ND	ND	ND	ND	0.5890
	8/21/1996		0.5000	0.073	ND	ND	ND	ND	ND	ND	0.5730
	11/22/1996		0.5000	0.068	ND	ND	ND	ND	ND	ND	0.5680
	2/12/1997		0.360	0.070	ND	ND	ND	ND	ND	ND	0.4300
	5/14/1997		0.530	0.085	ND	ND	ND	ND	ND	ND	0.6150
	8/28/1997		0.400	0.055	ND	ND	ND	ND	ND	ND	0.4550
	8/28/1997		0.360	0.056	ND	ND	ND	ND	ND	ND	0.4160
	11/19/1997		0.480	0.082	ND	ND	ND	ND	ND	ND	0.5620
	2/19/1998	(340)	0.430	0.072	ND	ND	ND	ND	ND	ND	0.5110
	6/4/1998		0.450	0.073	ND	ND	ND	0.005	ND	ND	0.5280
	8/14/1998		1.424	0.139	ND	ND	ND	ND	ND	ND	1.5838
	12/4/1998		1.278	0.0964	ND	ND	ND	ND	ND	ND	1.3744
	2/25/1999	(386)	0.918	0.100	ND	ND	ND	0.015	0.0108	ND	1.0592
	6/3/1999	(391)	0.539	0.052	ND	ND	ND	ND	ND	ND	0.6024
	8/12/1999	(399)	0.648	0.0704	ND	ND	ND	0.0104	ND	ND	0.7392
	12/3/1999		0.576	0.0826	ND	ND	ND	ND	ND	ND	0.6586
	3/15/2000		0.529	0.0604	ND	ND	ND	ND	ND	ND	0.5894
	5/12/2000	(434)	0.582	0.0773	ND	ND	ND	ND	ND	ND	0.6694
	5/12/2000	Dup	0.552	0.0714	ND	ND	ND	ND	ND	ND	0.6234

Table 3-4
Historical Water-Quality Data for On-Property and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Expressed in parts per million (ppm)

Well Number	Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Total VOCs
ES4I	8/30/2000		0.397	0.0759	ND	ND	ND	ND	ND	ND	0.4729
	8/30/2000		0.402	0.0752	ND	ND	ND	ND	ND	ND	0.4772
	11/30/2000		0.364	0.0859	ND	ND	ND	ND	ND	ND	0.4499
	3/5/2001	(456)	0.362	0.0951	ND	ND	ND	0.0057	ND	ND	0.4628
	3/5/2001	(457)	0.372	0.098	ND	ND	ND	0.0053	ND	ND	0.4753
	5/15/2001	(464)	0.381	0.072	ND	ND	ND	0.0051	ND	ND	0.4641
	5/15/2001	(465)	0.387	0.079	ND	ND	ND	0.0056	ND	ND	0.4770
	8/14/2001	(472)	0.350	0.066	ND	ND	ND	ND	0.0026	ND	0.4244
	8/14/2001	(473)dup	0.350	0.065	ND	ND	ND	ND	0.0032	ND	0.4230
	11/29/2001	(505)	0.300	0.0680	ND	ND	ND	ND	0.0032	ND	0.3770
	2/12/2002	(509)	0.380	0.0670	ND	ND	ND	ND	0.0028	ND	0.4585
	2/12/2002	(510)	0.360	0.0670	ND	ND	ND	ND	0.0028	ND	0.4359
	5/14/2002	(518)	0.350	0.0610	ND	ND	ND	ND	0.0028	ND	0.4182
	5/14/2002	(519)	0.360	0.0610	ND	ND	ND	ND	0.0027	ND	0.4281
	8/9/2002	(529)	0.370	0.0680	ND	ND	ND	ND	0.0020	ND	0.4463
	8/9/2002	(530)	0.360	0.0700	ND	ND	ND	ND	0.0024	ND	0.4387
	11/18/2002	(566)	0.390	0.0740	ND	ND	ND	ND	0.0028	ND	0.4705
	2/27/2003	(578)	0.490	0.0490	ND	ND	ND	ND	0.0036	ND	0.5485
	6/17/2003	(587)	0.360	0.0630	ND	ND	ND	ND	0.0036	ND	0.4321
	9/29/2003	(590)	0.390	0.0600	ND	ND	ND	ND	0.0031	ND	0.4573
	12/16/2003	(597)	0.380	0.0660	ND	ND	ND	ND	0.0028	ND	0.4526
	3/17/2004	(604)	0.350	0.0600	ND	ND	ND	ND	0.0032	ND	0.4174
	6/9/2004	(628)	0.320	0.0520	ND	ND	ND	ND	0.0025	ND	0.3806
	9/17/2004	(634)	0.250	0.045	ND	ND	ND	ND	ND	ND	0.3028
	12/3/2004	(650)	0.3700	0.0610	ND	ND	ND	ND	0.0026	ND	0.4402
	2/11/2005	(654)	0.3500	0.0510	ND	ND	ND	ND	0.0023J	ND	0.4100
	5/13/2005	(664)	0.4500	0.0530	ND	ND	ND	ND	0.0031	ND	0.5119
	8/18/2005	(673)	0.3600	0.0550	ND	ND	ND	ND	0.0075	ND	0.4290
	11/2/2005	(676)	0.3400	0.0530	ND	ND	ND	ND	0.0026	ND	0.4019
	3/16/2006	(694)	0.5900	0.0510	ND	ND	ND	ND	0.0039J	ND	0.6534
	5/19/2006	(701)	0.6700	0.0580	<0.0050	<0.0050	<0.0050	<0.050	0.0071	<0.0050	0.7438
	9/19/2006	(710)	1.1000	0.0510	<0.0083	<0.0083	<0.0083	<0.083	0.0065J	<0.0083	1.1666
	12/7/2006	(718)	1.8000	0.0620	<0.0130	<0.0130	<0.0130	0.120J	0.010J	<0.0130	2.005
	5/22/2007	(725)	0.9200	0.0550	<0.0031	<0.0031	<0.0031	0.0380	0.0058	0.0059	1.033
	11/5/2007	(743)	0.8800	0.0440	<0.0083	<0.0083	<0.0083	<0.083	<0.0083	<0.0083	0.930
	6/5/2008	(769)	0.9300	0.0620	<0.0083	<0.0083	<0.0083	<0.083	<0.0083	0.0059J	1.0035
	11/4/2008	(782)	0.8500	0.0580	<0.0083	<0.0083	<0.0083	<0.083	0.0043J	<0.0083	0.9190
	5/13/2009	(789)	0.7900	0.0580	<0.0042	<0.0042	<0.0042	<0.042	0.0053	0.0022J	0.8609
	11/13/2009	(795)	0.7100	0.0590	<0.0036	<0.0036	<0.0036	<0.036	0.0031J	0.002J	0.7811
	5/25/2010	(809)	0.700	0.0640	<0.0063	<0.0063	<0.0063	<0.063	<0.0063	<0.0063	0.7694
	12/13/2010	(823)	0.620	0.0650	<0.0063	<0.0063	<0.0063	<0.063	<0.0063	<0.0063	0.6895
	5/17/2011	(829)	0.840	0.0830	<0.0005	0.0005	<0.0005	0.048	0.0042	0.0031	0.9855
	11/14/2011	(843)	0.099	0.5000	<0.0071	<0.0071	<0.0071	<0.071	<0.0071	0.2200	0.8341
	6/13/2012	(859)	0.049	0.0830	<0.0005	0.0004J	<0.0005	0.0031	0.001	0.0420	0.1933
	11/26/2012	(874)	0.033	0.0760	<0.0005	0.0003J	<0.0005	0.0013J	0.0005	0.0330	0.1547
	6/5/2013	(886)	0.014	0.086	<0.0005	0.0003J	<0.0005	<0.002	0.0005J	0.080	0.1931
	11/7/2013	(908)	0.009	0.100	<0.0005	0.0003J	<0.0005	<0.002	0.0004J	0.100	0.2234
	5/14/2014	(924)	0.0047	0.052	<0.0007	<0.0007	<0.0007	<0.0029	<0.0007	0.092	0.1587
	12/4/2014	(952)	0.0042	0.057	<0.0005	<0.0005	<0.0005	<0.002	0.0003J	0.090	0.1588
	6/26/2015	(956)	0.0060	0.068	<0.0005	<0.0005	<0.0005	<0.002	0.0003 J	0.110	0.1951
ES5S	6/16/1989		1.4000	0.070	ND	ND	ND	ND	ND	ND	1.4700
	6/16/1989		1.4000	0.064	ND	ND	ND	ND	ND	ND	1.4640
	9/25/1989	(49)	0.8400	0.084	ND	0.0060	ND	ND	ND	ND	0.9410
	2/28/1992		0.2200	0.150	ND	ND	ND	ND	ND	ND	0.3700
	5/26/1992		0.2500	0.200	ND	ND	ND	ND	ND	ND	0.4500
	8/25/1992		0.3200	0.150	ND	ND	ND	ND	ND	ND	0.4700
	8/25/1992		0.3300	0.150	ND	ND	ND	ND	ND	ND	0.4800
	11/24/1992		0.3000	0.160	ND	ND	ND	ND	ND	ND	0.4600
	3/3/1993		0.3200	0.078	ND	ND	ND	ND	ND	ND	0.3980
	5/17/1993		0.2300	0.035	ND	ND	ND	ND	ND	ND	0.2650
	8/24/1993		0.3000	0.130	ND	ND	ND	ND	ND	ND	0.4300
	8/24/1993		0.2400	0.120	ND	ND	ND	ND	ND	ND	0.3600
	11/22/1993		0.2800	0.094	ND	ND	ND	ND	ND	ND	0.3740
	2/15/1994		0.2600	0.110	ND	ND	ND	ND	ND	ND	0.3700
	5/18/1994		0.2100	0.047	ND	ND	ND	ND	ND	ND	0.2570
	8/17/1994		0.2400	0.066	ND	ND	ND	ND	ND	ND	0.3060
	11/16/1994		0.2300	0.055	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.2850
	2/14/1995		0.2100	0.059	ND	ND	ND	ND	ND	ND	0.2690
	5/16/1995	(232)	0.6500	0.076	ND	ND	ND	ND	ND	ND	0.7260
	8/15/1995		0.2400	0.057	ND	ND	ND	ND	0.057	ND	0.3540
	11/27/1995		0.2000	0.051	ND	ND	ND	ND	ND	ND	0.2510
	2/13/1996		0.1700	0.046	ND	ND	ND	ND	0.0051	ND	0.2211
	2/13/1996	(255)	0.1700	0.045	ND	ND	ND	ND	0.0050	ND	0.2231
	5/16/1996		0.1900	0.046	ND	ND	ND	ND	0.0045	ND	0.2405
	8/21/1996		0.1800	0.049	ND	ND	ND	ND	ND	ND	0.2290
	11/22/1996		0.170	0.055	ND	ND	ND	ND	0.0054	ND	0.2304
	11/22/1996		0.180	0.055	ND	ND	ND	ND	0.0054	ND	0.2404
	2/12/1997		0.130	0.030	ND	ND	ND	ND	ND	ND	0.1600
	5/14/1997		0.170	0.047	ND	ND	ND	ND	ND	ND	0.2170

Table 3-4
Historical Water-Quality Data for On-Property and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Expressed in parts per million (ppm)

Well Number	Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Total VOCs
ES5S	5/14/1997		0.180	0.048	ND	ND	ND	ND	ND	ND	0.2280
	8/28/1997		0.120	0.036	ND	ND	ND	ND	0.003	ND	0.1590
	11/19/1997		0.170	0.041	ND	ND	ND	ND	ND	ND	0.2110
	2/19/1998		0.140	0.026	ND	ND	ND	ND	0.004	ND	0.1700
	6/4/1998		0.140	0.035	ND	ND	ND	ND	ND	ND	0.1750
	6/4/1998		0.140	0.035	ND	ND	ND	ND	0.003	ND	0.1780
	8/14/1998		0.180	0.0288	ND	ND	ND	ND	0.0068	ND	0.2156
	12/4/1998	(371)	0.169	0.0241	ND	ND	ND	0.00073	0.00597	ND	0.2005
	2/25/1999	Dup	0.175	0.0283	ND	ND	ND	ND	0.0071	ND	0.2104
	2/25/1999		0.169	0.0266	ND	ND	ND	ND	0.007	ND	0.2026
	6/3/1999	(395)	0.149	0.0257	ND	ND	ND	ND	0.0067	ND	0.1814
	8/12/1999		0.173	0.0282	ND	ND	ND	ND	0.0074	ND	0.2086
	12/3/1999		0.190	0.0273	ND	ND	ND	ND	0.0101	ND	0.2274
	3/15/2000		0.102	0.0280	ND	ND	ND	ND	ND	ND	0.1300
	5/12/2000		0.135	0.0349	ND	ND	ND	ND	ND	ND	0.1699
	8/30/2000		0.113	0.0339	ND	ND	ND	ND	0.0038	ND	0.1507
	11/30/2000		0.108	0.0517	ND	ND	ND	ND	ND	ND	0.1597
	11/30/2000		0.107	0.0526	ND	ND	ND	ND	ND	ND	0.1596
	3/5/2001		0.086	0.0401	ND	ND	ND	ND	0.0029	ND	0.1288
	5/15/2001		0.092	0.0269	ND	ND	ND	ND	0.0032	ND	0.1221
	8/14/2001	(474)	0.210	0.0400	ND	ND	ND	ND	0.0042	ND	0.2542
	11/29/2001		0.100	0.0360	ND	ND	ND	ND	0.0037	0.0006	0.1403
	2/12/2002	(511)	0.120	0.0300	ND	ND	ND	ND	0.0035	ND	0.1547
	5/14/2002		0.095	0.0310	ND	ND	ND	ND	0.0032	ND	0.1292
	8/9/2002	(531)	0.110	0.0340	ND	ND	ND	ND	0.0029	0.0005	0.1479
	11/18/2002	(567)	0.130	0.0400	ND	ND	ND	ND	0.0037	ND	0.1737
	2/27/2003	(579)	0.100	0.0440	ND	ND	ND	ND	0.0034	ND	0.1474
	2/27/2003	(580)	0.100	0.0420	ND	ND	ND	ND	0.0035	ND	0.1455
	9/29/2003	(589)	0.110	0.0450	ND	ND	ND	ND	0.0036	0.0005	0.1591
	Pumping stopped December 4, 2003										
	12/16/2003	(598)	0.180	0.0480	ND	ND	ND	ND	0.0018	ND	0.2321
	3/16/2004		0.075	0.0290	ND	ND	ND	ND	0.0020	ND	0.1060
	6/9/2004	(629)	0.068	0.0270	ND	ND	ND	ND	0.0019	ND	0.0969
	9/17/2004	(635)	0.038	0.017	ND	ND	ND	ND	0.0012	ND	0.0566
	9/17/2004	(635)	0.039	0.016	ND	ND	ND	ND	0.0011	ND	0.0565
	12/3/2004	(651)	0.0240	0.0100	ND	ND	ND	ND	0.0008	ND	0.0351
	2/11/2005	(652)	0.0310	0.0200	ND	ND	ND	ND	0.0008	ND	0.0521
	5/13/2005	(665)	0.0170	0.0059	ND	ND	ND	ND	0.0004J	ND	0.0239
	5/13/2005	(666)	0.0170	0.0059	ND	ND	ND	ND	0.0004J	ND	0.0238
	8/19/2005	(674)	0.0260	0.0120	ND	ND	ND	ND	0.0016	ND	0.0403
	11/2/2005		0.0220	0.0098	ND	ND	ND	ND	0.0005	ND	0.0323
	3/16/2006	(695)	0.0140	0.0075	ND	ND	ND	ND	0.0005J	ND	0.0232
	5/19/2006	(700)	0.0230	0.0110	<0.0005	<0.0005	<0.0005	<0.0050	0.0007	<0.0005	0.0354
	9/19/2006	(711)	0.0990	0.0440	<0.0005	0.0003J	<0.0005	<0.0050	0.0032	<0.0005	0.1475
	12/7/2006	(719)	0.0450	0.1200	<0.0010	0.0006J	<0.0010	<0.0100	0.0021	<0.0010	0.1694
	Pumping reactivated in January 2007										
	5/22/2007	(730)	0.0890	0.0410	<0.0005	<0.0005	<0.0005	<0.0050	0.0041	<0.0005	0.1347
ES5S	11/5/2007	(744)	0.0740	0.0440	<0.0007	<0.0007	<0.0007	<0.0071	0.0026	0.0004J	0.1218
	6/5/2008	(770)	0.0790	0.0330	<0.0005	0.0003J	<0.0005	<0.0050	0.0028	<0.0005	0.1158
	11/4/2008	(783)	0.0820	0.0360	<0.0005	<0.0005	<0.0005	<0.0050	0.0030	<0.0005	0.1219
	5/13/2009	(790)	0.3300	0.0310	<0.0005	<0.0005	<0.0005	0.0110	0.0038	0.0012	0.3816
	11/13/2009	(796)	0.0810	0.0450	<0.0005	<0.0005	<0.0005	<0.005	0.0032	<0.0005	0.1304
	5/25/2010	(810)	0.074	0.027	<0.0005	<0.0005	<0.0005	<0.005	0.0024	<0.0005	0.1043
	12/13/2010	(824)	0.088	0.029	<0.0005	<0.0005	<0.0005	<0.005	0.0025	<0.0005	0.1208
	5/17/2011	(830)	0.040	0.018	<0.0005	<0.0005	<0.0005	<0.002	0.0010	<0.0005	0.0598
	10/28/2011	(844)	0.071	0.300	<0.0005	0.0007	<0.0005	<0.002	0.0023	0.0500	0.4264
	5/18/2012	(849)	0.063	0.058	<0.0005	0.0003J	<0.0005	0.003J	0.0023	0.0200	0.1531
	6/13/2012	(860)	0.056	0.057	<0.0005	0.0003J	<0.0005	0.0023	0.0022	0.0210	0.1462
	11/26/2012	(875)	0.051	0.077	<0.0005	0.0004J	<0.0005	<0.002	0.0021	0.0200	0.1579
	6/5/2013	(887)	0.011	0.041	<0.0005	<0.0005	<0.0005	<0.002	0.0004J	0.035	0.0948
	11/7/2013	(909)	0.035	0.073	<0.0005	0.0003J	<0.0005	<0.002	0.0013	0.052	0.1661
	5/14/2014	(925)	0.033	0.076	<0.0005	0.0003 J	<0.0005	<0.002	0.0007	0.097	0.2131
	5/14/2014	(926)	0.033	0.075	<0.0005	0.0004 J	<0.0005	<0.002	0.0008	0.085	0.2003
	12/4/2014	(934)	0.030	0.042	<0.0005	<0.0005	<0.0005	<0.002	0.0007	0.071	0.1451
	6/26/2015	(957)	0.014	0.044	<0.0005	<0.0005	<0.0005	<0.002	0.0005 J	0.061	0.1214
Blanks											
								s			
TB	12/20/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB	12/21/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB	12/22/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB	3/14/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB	3/15/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB	3/20/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 3-4
Historical Water-Quality Data for On-Property and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Expressed in parts per million (ppm)

Well Number	Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Total VOCs
TB	3/21/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB	6/16/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB	6/19/1989		ND	ND	ND	ND	ND	ND	0.0005	ND	0.0005
TB	6/20/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB	6/21/1989		ND	ND	ND	ND	ND	ND	0.0007	ND	0.0007
TB	6/28/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB	9/18/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB	9/19/1989	(52)	ND	ND	ND	ND	ND	ND	ND	ND	0.008
TB	9/22/1989	(50)	ND	ND	ND	ND	ND	ND	ND	ND	0.002
TB	9/25/1989	(51)	ND	ND	ND	ND	ND	ND	ND	ND	0.0008
TB	9/26/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB	9/27/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB	12/18/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB	12/19/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB	1/4/1990	*	ND	ND	ND	ND	ND	ND	ND	ND	ND
TB	1/4/1990	(53)	0.0096	ND	0.0009	ND	ND	0.002	0.0010	ND	0.0325
TB	3/26/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB	3/27/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB	3/28/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB	3/29/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB	3/30/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB	4/4/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB	4/4/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB	5/28/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
MS-10S-BB	5/31/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
NC-2I-BB	6/1/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
MS-9S-BB	6/6/1990	(57)	ND	ND	ND	ND	ND	ND	ND	ND	0.0140
MS-5I-BB	6/7/1990	(58)	ND	ND	ND	ND	ND	ND	ND	ND	0.0150
C-1-FB	8/20/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
C-2-BB	8/20/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB	8/20/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
S-6-BB	9/4/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
S-8-BB	9/5/1990	(69)	ND	ND	ND	ND	ND	ND	ND	ND	0.0067
S-15I-FB	9/6/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
S-14-BB	10/9/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
C-1-BB	11/26/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
MS-2I-BB	11/27/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
MS4S-BB	11/29/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND
C-1-BB	1/30/1991		ND	ND	0.0008	ND	ND	ND	ND	ND	0.0010
MS9S-BB	2/8/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND
MS9S-FB	2/8/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB	2/8/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND
S-13-BB	2/11/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND
S-9-BB	2/13/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB	2/13/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND
C2-BB	4/29/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND
C2-FB	4/29/1991		0.0190	ND	ND	ND	ND	ND	0.0012	ND	0.0202
MS3I-BB	4/30/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB	4/30/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND
MS10S-BB	5/3/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND
MS2I-BB	5/7/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB	8/14/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND
MS3I-BB	8/16/1991	(109)	ND	ND	ND	ND	ND	ND	ND	ND	0.0056
S-14-BB	8/26/1991	(110)	ND	ND	ND	ND	ND	ND	ND	ND	0.0075
S-15I-BB	8/27/1991	(111)	ND	ND	ND	ND	ND	ND	ND	ND	0.0069
S-3-BB	8/28/1991	(112)	ND	ND	ND	ND	ND	ND	ND	ND	0.0075
C2-BB	11/5/1991	(138)**	ND	ND	ND	ND	ND	ND	ND	ND	0.0030
C2-BB	11/5/1991	(139)**	ND	ND	ND	ND	ND	ND	ND	ND	0.0005
TB	11/5/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB	12/6/1991	(141)	ND	ND	ND	ND	ND	ND	ND	ND	0.0012
MS5I-BB	12/9/1991	(137)	ND	ND	ND	ND	ND	ND	ND	ND	0.0011
C1-BB	12/10/1991	(141)	ND	ND	ND	ND	ND	ND	ND	ND	0.0012
TB	12/10/1991	(140)	ND	ND	ND	ND	ND	ND	ND	ND	0.0016
S-13-BB	2/19/1992	(144)	ND	ND	ND	ND	ND	ND	ND	ND	0.0016
TB	2/19/1992	(145)	ND	ND	ND	ND	ND	ND	ND	ND	0.0019
S-1-BB	2/20/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
C-2-BB	2/21/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
S-2-BB	2/21/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB	2/24/1992	(147)	ND	ND	ND	ND	ND	ND	ND	ND	0.0026
MS7I-BB	2/28/1992	(150)	ND	ND	ND	ND	ND	ND	ND	ND	0.0015
MS5I-BB	3/2/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
S-11-BB	3/17/1992	(151)	ND	ND	ND	ND	ND	ND	ND	ND	0.4100
TB	3/17/1992	(152)	ND	ND	ND	ND	ND	ND	ND	ND	0.0006
MS-3I-FB	5/19/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB	5/20/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
MS8I-BB	5/21/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB	5/21/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
MS5I-BB	5/22/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
MS7I-BB	5/27/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
C-1-BB	8/18/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 3-4
Historical Water-Quality Data for On-Property and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Expressed in parts per million (ppm)

Well Number	Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Total VOCs
TB	8/24/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
S-13-BB	8/31/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
S-15I-BB	9/1/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB	11/16/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
MS-3I-BB	11/17/1992	(162)	ND	ND	ND	ND	ND	ND	ND	ND	0.0027
MS-10S-BB	11/24/1992	(164)	ND	ND	ND	ND	ND	ND	ND	ND	0.0028
S-1-BB	3/4/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
S-19-BB	3/5/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB	3/5/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
MS-5I-FB	5/12/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB	5/14/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
MS3I-BB	8/17/1993	(177)	ND	ND	ND	ND	ND	ND	ND	ND	0.0015
MS8I-BB	8/18/1993	(178)	ND	ND	ND	ND	ND	ND	ND	ND	0.0015
MS7I-BB	8/24/1993	(185)	ND	ND	ND	ND	ND	ND	ND	ND	0.0015
S-13-BB	8/27/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
MS8I-BB	11/18/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB	11/18/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND
MS-6I-BB	11/22/1993	(187)	ND	ND	ND	ND	ND	ND	ND	ND	0.0007
TB	5/19/1994	(208)	ND	ND	ND	ND	ND	ND	ND	ND	0.0022
S-3-BB	5/20/1994	(210)	ND	ND	ND	ND	ND	ND	ND	ND	0.0020
TRIPQ84	8/17/1994		ND	ND	ND	ND	ND	ND	ND	ND	ND
MS4S-FB	11/23/1994		ND	ND	ND	ND	ND	ND	ND	ND	ND
S-15I-FB	12/6/1994		ND	ND	ND	ND	ND	ND	ND	ND	ND
127TRIP	12/7/1994		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB	5/16/1995		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB	5/16/1995		ND	ND	ND	ND	ND	ND	ND	ND	ND
S-18A-FB	5/18/1995		ND	ND	ND	ND	ND	ND	ND	ND	ND
S-19-FB	5/18/1995		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB	8/15/1995		ND	ND	ND	ND	ND	ND	ND	ND	ND
MS9S-FB	11/27/1995		ND	ND	ND	ND	ND	ND	ND	ND	ND
MS31-FB	11/28/1995		ND	ND	ND	ND	ND	ND	ND	ND	ND
S10-FB	11/29/1995		ND	ND	ND	ND	ND	ND	ND	ND	ND
S12-FB	11/30/1995		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB111996	11/19/1996	(273)	ND	ND	ND	ND	ND	ND	ND	ND	0.00052
1122TRIP	11/20/1996	(267)	ND	ND	ND	ND	ND	ND	ND	ND	0.00054
MS9S-FB	11/20/1996		ND	ND	ND	ND	ND	ND	ND	ND	ND
MS3I-FB	11/25/1996	(272)	ND	ND	ND	ND	ND	ND	ND	ND	0.00054
S-18A-FB	11/26/1996	(268)	ND	ND	ND	ND	ND	ND	ND	ND	0.00059
TRP21297	2/13/1997		ND	ND	ND	ND	ND	ND	ND	ND	ND
TRIPBLANK	5/14/1997		ND	ND	ND	ND	ND	ND	ND	ND	ND
FIELDBLANK	8/28/1997		ND	ND	ND	ND	ND	ND	ND	ND	ND
MS9S-BB	11/20/1997		ND	ND	ND	ND	ND	ND	ND	ND	ND
MS10S-BB	11/21/1997		ND	ND	ND	ND	ND	ND	ND	ND	ND
S-8-BB	11/24/1997		ND	ND	ND	ND	ND	ND	ND	ND	ND
T-20BB	12/2/1997		ND	ND	ND	ND	ND	ND	ND	ND	ND
T-1-BB	12/3/1997		ND	ND	ND	ND	ND	ND	ND	ND	ND
PZ-5-BB	12/5/1997		ND	ND	ND	ND	ND	ND	ND	ND	ND
TRIPBLANK	2/20/1998		ND	ND	ND	ND	ND	ND	ND	ND	ND
TRIPBLANK	6/4/1998		ND	ND	ND	ND	ND	ND	ND	ND	ND
24I-FB	12/2/1998		ND	ND	ND	ND	ND	ND	ND	ND	ND
MS6I-FB	12/4/1998		ND	ND	ND	ND	ND	ND	ND	ND	ND
TRIPBLANK	12/7/1998		ND	ND	ND	ND	ND	ND	ND	ND	ND
VW-1-FB	12/8/1998		ND	ND	ND	ND	ND	0.00088	ND	ND	0.0009
T-4-FB	12/9/1998		0.00071	ND	ND	ND	ND	ND	ND	ND	0.0007
TRIPBLANK	12/9/1998		ND	ND	ND	ND	ND	ND	ND	ND	ND
S-9-FB	12/10/1998		ND	ND	ND	ND	ND	ND	ND	ND	ND
TRIPBLANK	12/10/1998		ND	ND	ND	ND	ND	ND	ND	ND	ND
TRIPBLANK	2/24/1999		ND	ND	ND	ND	ND	ND	ND	ND	ND
PZ-3-FB	11/29/1999		ND	ND	ND	ND	ND	ND	ND	ND	ND
T-5-FB	11/30/1999		ND	ND	ND	ND	ND	ND	ND	ND	ND
S-14-FB	12/1/1999		ND	ND	ND	ND	ND	ND	ND	ND	ND
S-18-FB	12/2/1999		ND	ND	ND	ND	ND	ND	ND	ND	ND
MS-6I-FB	12/3/1999		ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/3/1999		ND	ND	ND	ND	ND	ND	ND	ND	ND
MS-3I-FB	12/6/1999		ND	ND	ND	ND	ND	ND	ND	ND	ND
26I-FB	12/8/1999		ND	ND	ND	ND	ND	ND	ND	ND	ND
MS8I-FB	12/8/2000		ND	ND	ND	ND	ND	ND	ND	ND	ND
TRIPBLANK	12/8/2000		ND	ND	ND	ND	ND	ND	ND	ND	ND
MS1S-FB	12/7/2000		ND	ND	ND	ND	ND	ND	ND	ND	ND
S-10-FB	12/21/2000		ND	ND	ND	ND	ND	ND	ND	ND	ND
TRIPBLANK	12/22/2000		ND	ND	ND	ND	ND	ND	ND	ND	ND
S-9-FB	12/21/2000		ND	ND	ND	ND	ND	ND	ND	ND	ND
TRIP112101	11/19/2001		ND	ND	ND	ND	ND	ND	ND	ND	ND
T-8-FB	11/28/2001		ND	ND	ND	ND	ND	ND	ND	ND	ND
FBMS8I	11/30/2001		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB113001	11/30/2001		ND	ND	ND	ND	ND	ND	ND	ND	ND
FBT-15	12/3/2001		ND	ND	ND	ND	ND	ND	ND	ND	ND
S-17-FB	12/4/2001		ND	ND	ND	ND	ND	ND	ND	ND	ND
MS9S-FB	11/18/2002		ND	ND	ND	ND	ND	ND	ND	ND	ND
S-15-FB	11/20/2002		ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 3-4
Historical Water-Quality Data for On-Property and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Expressed in parts per million (ppm)

Well Number	Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Total VOCs
S-16I-FB	11/21/2002		ND	ND	ND	ND	ND	ND	ND	ND	ND
S-5-FB	11/22/2002		ND	ND	ND	ND	ND	ND	ND	ND	ND
T-1-FB	11/25/2002		ND	ND	ND	ND	ND	ND	ND	ND	ND
T-6-FB	11/26/2002		ND	ND	ND	ND	ND	ND	ND	ND	ND
T-4-FB	11/27/2002		ND	ND	ND	ND	ND	ND	ND	ND	ND
FB121503	12/15/2003		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB121503	12/15/2003		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB091504	9/15/2004		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB091704	9/17/2004		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-01	12/3/2004		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-120104	12/1/2004		ND	ND	ND	ND	ND	ND	ND	ND	ND
ES-3I-EB	2/9/2005		ND	ND	ND	ND	ND	ND	ND	ND	ND
ES-1S-FB	2/11/2005		ND	ND	ND	ND	ND	ND	ND	ND	ND
020905TB	2/9/2005		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB051005	5/10/2005		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB051305	5/13/2005		ND	ND	ND	ND	ND	ND	ND	ND	ND
081905-EB	8/19/2005		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB110105	11/1/2005		ND	ND	ND	ND	ND	ND	ND	ND	ND
FB-110405	11/4/2005	(685)	ND	ND	ND	ND	ND	ND	ND	ND	0.0003
FB-031606	3/16/2006		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB	3/16/2006		ND	ND	ND	ND	ND	ND	ND	ND	ND
TB-052206	5/22/2006	(698)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0005J
FB-051906	5/22/2006	(699)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0004J
TB-051906	5/19/2006	(703)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0005
TB-051806	5/18/2006	(704)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0005J
TB-120806	12/8/2006		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	ND
FB-120806	12/8/2006	(699)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0004J
TB-120706	12/7/2006		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	ND
TB-052107	5/21/2007		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	ND
TB-082207	8/22/2007		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	ND
TB-082407	8/24/2007		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	ND
TB-103007	10/30/2007		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	ND
EB-110207	11/2/2007		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	ND
FB-110207	11/2/2007		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	ND
TB-110207	11/2/2007		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	ND
TB-110507	11/5/2007		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	ND
EB-110607	11/6/2007		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	ND
FB-110607	11/6/2007		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	ND
TB-110607	11/6/2007		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	ND
TB-122707	12/27/2007		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	ND
TB-110408	11/4/2008		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	ND
FB-110508	11/5/2008	(785)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0004
EB-110508	11/5/2008	(786)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0004
EB-111609	11/16/2009		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	ND
FB-111609	11/16/2009		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	ND
TB-111609	11/16/2009		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	ND
TRIP	11/17/2009		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	ND
TRIP BLANK	5/19/2011	TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	ND
EB-11182011	11/18/2011		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	ND
FIELDBLANK-1	11/6/2013		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	ND
EQPT BLANK-1	11/6/2013		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	ND
TRIP-1	11/6/2013		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	ND
EQPT BLANK-2	11/7/2013		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	ND
FB-2	11/7/2013		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	ND
TRIP-2	11/7/2013		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	ND
TRIP BLANK	11/11/2013	TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	ND

Data entered by CC. QA/QC by KC

Table 3-4
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Notes:

* Split sample
J = estimated value, value below reporting limit
ND = Not detected
NA = Not analyzed
NM = Not measured
NS = Not sampled
ppm = parts per million
SSES = Spring Street Extraction System
TPH = total petroleum hydrocarbons
VOCs = volatile organic compounds

Key to Chemical Abbreviations:

TCE = trichloroethene
1,2-DCE = cis- or trans-1,2-dichloroethene
1,1,1-TCA = 1,1,1-trichloroethane
1,1-DCE = 1,1-dichloroethene
1,1-DCA = 1,1-dichloroethane
1,2-DCA = 1,2-dichloroethane
1,2-DCB = 1,2-dichlorobenzene
Freon 113 = 1,1-2-trichloro-2,2,1-trifluoroethane
PCE = tetrachloroethene

(1) Acetone detected at 0.062 ppm.
(2) Chloroform detected at 0.001 ppm
(3) Chloroform detected at 0.001.
(4) Chloroform detected at 0.001.
(5) Chloroform detected at 0.001 ppm.
(6) Toluene detected at 0.002 ppm.
(7) Chloroform detected at 0.001 ppm.
(8) 1,1,2-Trichloroethane detected at 0.006 ppm and 1,2-dichlorobenzene detected at 0.035 ppm.
(9) Chloroform detected at 0.0004 ppm.
(10) 1,3-Dichlorobenzene detected at 0.009.
(11) 1,3-Dichlorobenzene detected at 0.002 ppm.
(12) Chloroform detected at 0.030 ppm.
(13) Chloroform detected at 0.0003 ppm.
(14) 1,3-Dichlorobenzene detected at 0.006 ppm.
(15) Chloroform detected at 0.0003 ppm and 1,3-dichlorobenzene detected at 0.016 ppm.
(16) Chloroform detected at 0.002 ppm.
(17) Chloroform detected at 0.002 ppm.
(18) 1,3-Dichlorobenzene detected at 0.010 ppm.
(19) 1,3-Dichlorobenzene detected at 0.017 ppm.
(20) Methylene chloride detected at 0.390 ppm.
(21) 1,3-Dichlorobenzene detected at 0.004 ppm.
(22) Chloroform detected at 0.002 ppm.
(23A) Acetone detected at 0.002 ppm.
(23B) 1,2-DCA detected at 0.001 ppm.
(24) 1,2-Dichloropropane detected at 0.550 ppm.
(25) Chloroform detected at 0.001 ppm.
(26) Chloroform detected at 0.020 ppm and 1,3-dichlorobenzene detected at 0.016 ppm.
(27) 1,2-Dichlorobenzene detected at 0.024 ppm and chloroform detected at 0.017 ppm.
(28) 1,2-Dichloroebenzene detected at 0.018 and chloroform detected at 0.002 ppm.
(29) 1,2-Dichlorobenzene detected at 0.022 ppm.
(30) Methylene chloride detected at 0.550 ppm and acetone detected at 0.160 ppm.
(31) Methylene chloride detected at 0.016 ppm and acetone detected at 0.010 ppm.
(32) 1,2-Dichlorobenzene detected at 0.019 ppm.
(33) 1,2-Dichlorobenzene detected at 0.150 ppm.
(34) 1,2-Dichlorobenzene detected at 0.012 ppm.
(35) 1,2-Dichlorobenzene detected at 0.006 ppm.
(36) 1,2-Dichlorobenzene detected at 0.014 ppm.
(37) 1,2-Dichlorobenzene detected at 0.013 ppm.
(38) Chloroform detected at 0.001 ppm and 1,2-dichlorobenzene detected at 0.005 ppm.
(39) Methylene chloride detected at 0.0071 ppm.
(40) Chloroform detected at 0.0005 ppm.
(41) 1,2-Dichlorobenzene detected at 0.0064 ppm.
(42) Di-n-butylphthalate detected at 0.200 ppm and 1,2-dichlorobenzene detected at 0.016 ppm.
(43) 1,2-Dichlorobenzene detected at 0.013 ppm.
(44) CHC13 (chloroform) detected at 0.0058 ppm.
(45) 1,2-Dichloropropane detected at 0.014 ppm.
(46) 1,2-Dichloropropane detected at 0.011 ppm.
(47) 1,2-Dichloropropane detected at 0.011 ppm.
(48) 1,2-Dichloropropane detected at 0.015 ppm.
(49) 1,2-Dichloropropane detected at 0.011 ppm.
(50) Chloroform detected at 0.002 ppm.
(51) Chloroform detected at 0.0008 ppm.
(52) Chloroform detected at 0.0081 ppm.
(53) Chloroform detected at 0.0019 ppm.
(54) Chloroform detected at 0.0019 ppm.
(55) Chloroform detected at 0.0019 ppm.

Table 3-4
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Notes:

* Split sample
(56) Chloroform detected at <0.00335 ppm.
(57) Methylene chloride detected at 0.014 ppm.
(58) Methylene chloride detected at 0.015 ppm.
(59) Freon 12 detected at 0.0012 ppm.
(60) Freon 12 detected at 0.0047 ppm.
(61) Freon 12 detected at 0.0037 ppm.
(62) Chloroform detected at 0.00056 ppm.
(63) Chloroform detected at 0.00055 ppm.
(64) Chloroform detected at 0.0018 ppm.
(65) 1,2-Dichloroethane detected at 0.0017 ppm.
(66) 1,2-Dichloroethane detected at 0.0017 ppm.
(67) Methylene chloride detected at 0.0067 ppm.
(68) Methylene chloride detected at 0.006 ppm.
(69) Methylene chloride detected at 0.0067 ppm.
(70) Methylene chloride detected at 0.00083 ppm.
(71) Methylene chloride detected at 0.130 ppm.
(72) Methylene chloride detected at 0.130 ppm.
(73) Acetone detected at 0.230 ppm.
(74) Methylene chloride detected at 0.024 ppm.
(75) Methylene chloride detected at 0.088 ppm.
(76) Methylene chloride detected at 0.120 ppm
(77) Methylene chloride detected at 0.067 ppm.
(78) Methylene chloride detected at 0.180 ppm.
(79) Chloroform detected at 0.00052 ppm.
(80) Chloroform detected at 0.00056 ppm
(81) 1,2-Dichloroethane detected at 0.0010 ppm.
(82) Methylene chloride detected at 0.007 ppm.
(83) Methylene chloride detected at 0.010 ppm.
(84) Methylene chloride detected at 0.130 ppm.
(85) Methylene chloride detected at 0.003 ppm.
(86) Methylene chloride detected at 0.034 ppm.
(87) Methylene chloride detected at 0.013 ppm.
(88) Methylene chloride detected at 0.016 ppm.
(89) Freon 12 detected at 0.001 ppm.
(90) Freon 12 detected at 0.001 ppm.
(91) Freon 12 detected at 0.0016 ppm.
(92) Methylene chloride detected at 0.057 ppm.
(93) Methylene chloride detected 0.120 ppm.
(94) Methylene chloride detected 0.042 ppm.
(95) 1,2-DCB detected at 0.057 ppm.
(96) 1,2-DCB detected at 0.064 ppm.
(97) Methylene chloride detected at 0.034 ppm.
(98) Methylene chloride detected at 0.015 ppm.
(99) Chloroform detected at 0.00082 ppm.
(100) 1,2-Dichloroethane detected at 0.0018 ppm.
(101) 1,2-Dichlorobenzene detected at 0.0011 ppm.
(102) Methylene chloride detected at 0.071 ppm.
(103) Methylene chloride detected at 0.067 ppm.
(104) Methylene chloride detected at 0.014 ppm.
(105) Methylene chloride detected at 0.014 ppm.
(106) Methylene chloride detected at 0.014 ppm and 1,2-dichlorobenzene detected at 0.032 ppm.
(107) Methylene chloride detected at 0.0073 ppm and 1,2-dichlorobenzene detected at 0.016 ppm.
(108) Chloroform detected at 0.00058 ppm.
(109) Methylene chloride detected at 0.0056 ppm.
(110) Methylene chloride detected at 0.0075 ppm.
(111) Methylene chloride detected at 0.0069 ppm.
(112) Methylene chloride detected at 0.0075 ppm.
(113) Silanol, trimethyl- detected at 0.012 ppm.
(114) Methylene chloride detected at 0.0017 ppm.
(115) Methylene chloride detected at 0.0012 ppm.
(116) Methylene chloride detected at 0.00092 ppm.
(117) Methylene chloride detected at 0.130 ppm.
(118) Methylene chloride detected at 0.120 ppm.
(119) Methylene chloride detected at 0.0021 ppm.
(120) Methylene chloride detected at 0.0019 ppm.
(121) Methylene chloride detected at 0.0027 ppm.
(122) Methylene chloride detected at 0.0011 ppm.
(123) Methylene chloride detected at 0.00084 ppm.
(124) Methylene chloride detected at 0.00093 ppm.
(125) Methylene chloride detected at 0.00095 ppm.
(126) Methylene chloride detected at 0.170 ppm.
(127) Methylene chloride detected at 0.0012 ppm.
(128) Methylene chloride detected at 0.059 ppm.
(129) Methylene chloride detected at 0.057 ppm.
(130) Methylene chloride detected at 0.057 ppm.
(131) Methylene chloride detected at 0.120 ppm.
(132) 1,2-Dichlorobenzene detected at 0.064 ppm.
(133) Methylene chloride detected at 0.880 ppm.
(134) Methylene chloride detected at 0.091 ppm.
(135) Methylene chloride detected at 0.0018 ppm.
(136) Chloroform detected at 0.0012 ppm.
(137) Chloroform detected at 0.0011 ppm.

Table 3-4
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Notes:

* Split sample
(138) Methylene chloride detected at 0.003 ppm.
(139) Chloroform detected at 0.00052 ppm.
(140) Chloroform detected at 0.0016 ppm.
(141) Chloroform detected at 0.0012 ppm.
(142) Methylene chloride detected at 0.0017 ppm.
(143) The methylene chloride detection (0.00074 ppm) in the S-14 sample was adjusted to "not detected" with the detection limit raised to 0.00074 ppm.
(144) Methylene chloride detected at 0.0016 ppm.
(145) Methylene chloride detected at 0.0019 ppm.
(146) 1,2-Dichlorobenzene detected at 0.006 ppm.
(147) Methylene chloride detected at 0.0026 ppm.
(148) 1,2-Dichlorobenzene detected at 0.025 ppm.
(149) 1,2-Dichlorobenzene detected at 0.006 ppm.
(150) Methylene chloride detected at 0.0015 ppm.
(151) Methylene chloride detected at 0.410 ppm.
(152) Methylene chloride detected at 0.00055 ppm.
(153) 1,2-Dichlorobenzene detected at 0.0033 ppm.
(154) 1,2-Dichlorobenzene detected at 0.0042 ppm.
(155) 1,2-Dichlorobenzene detected at 0.005 ppm.
(156) Methylene chloride detected at 0.058 ppm.
(157) Freon 12 detected at 0.0038 ppm.
(158) Freon 12 detected at 0.0073 ppm.
(159) Freon 12 detected at 0.0034 ppm.
(160) Methylene chloride detected at 0.0018 ppm.
(161) Methylene chloride detected at 0.0011 ppm.
(162) Methylene chloride detected at 0.0027 ppm.
(163) 1,2-Dichlorobenzene detected at 0.0085 ppm.
(164) 1,3-Dichlorobenzene detected at 0.0028 ppm.
(165) 1,2-Dichlorobenzene detected at 0.0037 ppm.
(166) 1,2-Dichlorobenzene detected at 0.0036 ppm.
(167) 1,2-Dichlorobenzene detected at 0.0022 ppm.
(168) 1,2-Dichlorethane detected at 0.00061 ppm.
(169) 1,2-Dichlorobenzene detected at 0.0075 ppm.
(170) 1,2-Dichlorobenzene detected at 0.0021 ppm.
(171) 1,2-Dichlorobenzene detected at 0.0022 ppm.
(172) 1,2-Dichlorobenzene detected at 0.0083 ppm.
(173) 1,2-Dichlorobenzene detected at 0.033 ppm.
(174) 1,2-Dichlorethane detected at 0.0014 ppm.
(175) Chloroform detected at 0.0019 ppm.
(176) Chloroform detected at 0.0058 ppm.
(177) Methylene chloride detected at 0.0015 ppm.
(178) Methylene chloride detected at 0.0015 ppm.
(179) 1,2-Dichlorobenzene detected at 0.021 ppm.
(180) 1,2-Dichlorobenzene detected at 0.0096 ppm.
(181) 1,2-Dichlorobenzene detected at 0.0071 ppm.
(182) TPH as gasoline detected at 0.060 ppm.
(183) TPH as gasoline detected at 0.110 ppm.
(184) TPH as gasoline detected at 0.050 ppm.
(185) Methylene chloride detected at 0.0017 ppm.
(186) TPH as gasoline detected at 0.080 ppm.
(187) Chloroform detected at 0.00067 ppm.
(188) 1,2-Dichlorobenzene detected at 0.051 ppm.
(189) 1,2-Dichlorobenzene detected at 0.0071 ppm and methylene chloride detected at 0.0076 ppm.
(190) 1,2-Dichlorobenzene detected at 0.011 ppm.
(191) 1,2-Dichlorobenzene detected at 0.036 ppm.
(192) 1,2-Dichlorobenzene detected at 0.0061 ppm.
(193) Chloroform detected at 0.0016 ppm.
(194) Acetone detected at 0.021 ppm.
(195) Acetone detected at 0.025 ppm.
(196) Acetone detected at 0.019 ppm.
(197) Freon 12 detected at 0.0027 ppm.
(198) Freon 12 detected at 0.0043 ppm.
(199) Freon 12 detected at 0.0041 ppm.
(200) 1,2-Dichlorobenzene detected at 0.02 ppm.
(201) 1,2-Dichlorobenzene detected at 0.016 ppm.
(202) 1,2-Dichlorobenzene detected at 0.011 ppm.
(203) 1,2-Dichlorobenzene detected at 0.01 ppm.
(204) 1,2-Dichlorobenzene detected at 0.011 ppm.
(205) 1,2-Dichlorobenzene detected at 0.008 ppm.
(206) 1,2-Dichlorobenzene detected at 0.035 ppm.
(207) Freon 12 detected at 0.0042 ppm.
(208) Methylene chloride detected at 0.0022 ppm.
(209) Methylene chloride detected at 0.0017 ppm.
(210) Methylene chloride detected at 0.002 ppm.
(211) Chloroform detected at 0.0006 ppm.
(212) 1,2-Dichlorobenzene detected at 0.0082 ppm.
(213) 1,2-Dichlorobenzene detected at 0.033 ppm.
(214) 1,2-Dichlorobenzene detected at 0.0056 ppm.
(215) 1,2-Dichlorobenzene detected at 0.033 ppm.
(216) 1,2-Dichlorobenzene detected at 0.032 ppm.
(217) 1,2-Dichlorobenzene detected at 0.01 ppm.
(218) 1,2-Dichlorobenzene detected at 0.011 ppm.
(219) Dichlorodifluoromethane detected at 0.0024 ppm.

Table 3-4
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Notes:

* Split sample
(220) 1,2 Dichlorobenzene detected at 0.0014 ppm.
(221) 1,2 Dichlorobenzene detected at 0.0075 ppm.
(222) 1,2 Dichlorobenzene detected at 0.040 ppm.
(223) 1,2 Dichlorobenzene detected at 0.0039 ppm.
(224) 1,2 Dichlorobenzene detected at 0.0039 ppm.
(225) 1,2 Dichlorobenzene detected at 0.034 ppm.
(226) 1,2 Dichlorobenzene detected at 0.033 ppm.
(227) Chloroform detected at 0.0006 ppm.
(228) Chloroform detected at 0.0006 ppm.
(229) 1,2 Dichlorobenzene detected at 0.0067 ppm.
(230) 1,2 Dichlorobenzene detected at 0.030 ppm.
(231) 1,2 Dichlorobenzene detected at 0.033 ppm.
(232) 1,2 Dichlorobenzene detected at 0.038 ppm.
(233) Chloroform detected at 0.00074 ppm.
(234) Dichlorodifluoromethane detected at 0.0012 ppm.
(235) Dichlorodifluoromethane detected at 0.0015 ppm.
(236) Chloroform detected at 0.012 ppm.
(237) Chloroform detected at 0.011 ppm.
(238) 1,2 Dichlorobenzene detected at 0.0061 ppm.
(239) 1,2-Dichlorobenzene detected at 0.038 ppm.
(240) 1,2-DCB detected at 0.011 ppm
(241) 1,2-DCB detected at 0.038 ppm.
(242) 1,2-DCB detected at 0.0069 ppm.
(243) Methylene chloride at 0.0059 ppm.
(244) Methylene chloride at 0.0057 ppm.
(245) Trans-1,2-DCE at 0.002 ppm.
(246) Chloroform at 0.0012 ppm,
(247) Freon 12 at 0.0014 ppm.
(248) 1,2-DCB at 0.00052 ppm.
(249) 1,2-DCB at 0.0012 ppm.
(250) 1,2-DCB at 0.0043 ppm.
(251) 1,2-DCB at 0.0066 ppm.
(252) 1,2-DCB at 0.006 ppm.
(253) 1,2-DCB at 0.0069 ppm.
(254) 1,2-DCB at 0.036 ppm.
(255) Chloroform at 0.0031 ppm.
(256) 1,2-DCB at 0.041 ppm.
(257) 1,2-DCB at 0.0092 ppm.
(258) 1,2-DCB at 0.0091 ppm.
(259) 1,2-DCB at 0.043 ppm.
(260) 1,2,-DCB at 0.0063 ppm.
(261) 1,2-DCB at 0.053 ppm.
(262) 1,2-DCB at 0.038 ppm.
(264) 1,2-DCB at 0.0060
(265) 1,2-DCB at 0.0086 ppm.
(266) 1,2-DCB at 0.060 ppm.
(267) 1,2-DCB at 0.00054 ppm.
(268) 1,2-DCB at 0.00059 ppm.
(269) 1,2-DCB at 0.0014 ppm.
(270) 1,2-DCB at 0.0013 ppm.
(271) 1,2-DCB at 0.0019 ppm.
(272) Chloroform at 0.00054 ppm.
(273) Chloroform at 0.00052 ppm.
(274) 1,2-DCB at 0.044 ppm.
(275) 1,2-DCB at 0.0085 ppm.
(276) 1,2-DCB at 0.0093 ppm.
(277) 1,2-DCB at 0.0065 ppm. Detected results are qualified due to surrogate recovery exceeding quality control limits.
(278) 1,2-DCB at 0.053 ppm. Detected results are qualified due to surrogate recovery exceeding quality control limits.
(279) 1,2-DCB at 0.006 ppm.
(280) 1,2-DCB at 0.044 ppm.
(281) Chloroform at 0.00066 ppm.
(282) Chloroform at 0.00053 ppm.
(283) Chloroform at .0016 ppm, 1,2DCB 0.0014 ppm.
(284) Chloroform at .0051 ppm, 1,2DCB 0.0013 ppm.
(285) 1,2-DCB at 0.0085 ppm.
(286) Dichlorodifluoromethane at 0.0011 ppm.
(287) Dichlorodifluoromethane at 0.0015 ppm.
(288) Dichlorodifluoromethane at 0.0013 ppm.
(289) Dichlorodifluoromethane at 0.0018 ppm.
(290) Dichlorodifluoromethane at 0.002 ppm.
(291) Dichlorodifluoromethane at 0.0051 ppm.
(292) Dichlorodifluoromethane at 0.0023 ppm.
(293) Dichlorodifluoromethane at 0.0037 ppm.
(294) Dichlorodifluoromethane at 0.0019 ppm.
(295) Methylene chloride at 0.100 ppm.
(296) Chloroform at 0.031 ppm.
(297) Methylene Chloride at 0.044 ppm.
(298) 1,2-DCB at 0.0078 ppm.
(299) 1,2-DCB at 0.0089 ppm.
(300) 1,2-DCB at 0.0083 ppm.
(301) 1,2-DCB at 0.0085 ppm.
(302) 1,2-DCB at 0.0064 ppm and chloroform at 0.0053 ppm.

Table 3-4
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Notes:

* Split sample
(303) 1,2-DCB at 0.0065 ppm.
(304) Trans-1,2-DCE at 0.0012, 1,2-DCB at 0.020, and chloroform at 0.0014 ppm.
(305) Trans-1,2-DCE at 0.0014, 1,2-DCB at 0.019, and chloroform at 0.0014 ppm.
(306) Chloroform at 0.00084 and 1,2-DCB 0.00067 ppm.
(307) 1,2-DCB at 0.012 ppm.
(308) Chloroform at 0.0065 ppm.
(309) 1,2-DCB at 0.004 ppm.
(310) 1,2-DCB at 0.004 ppm.
(311) 1,2-DCB at 0.120, chloroform at 0.034 ppm.
(312) 1,2-DCB at 0.068 ppm.
(313) 1,2-DCB at 0.068 ppm.
(314) 1,2-DCB at 0.039 ppm.
(315) 1,2-DCA at 0.0005 ppm.
(316) 1,2-DCB at 0.007 ppm.
(317) 1,2-DCB at 0.0006 ppm.
(318) 1,2-DCB at 0.053 ppm.
(319) Trans-1,2-DCE at 0.0005 ppm.
(320) 1,2-DCB at 0.0006 ppm.
(321) 1,2-DCB at 0.01 ppm.
(322) 1,2-DCB at 0.0052 ppm.
(323) 1,2-DCB at 0.0047 ppm.
(324) 1,2-DCB at 0.0097 ppm.
(325) 1,2-DCB at 0.034 ppm.
(326) Trans-1,2-DCE 0.024 ppm.
(327) 1,2-DCB at 0.04 ppm.
(328) Trans-1,2-DCE 0.028 ppm.
(329) Trans-1,2-DCE 0.003 ppm.
(330) Dichlorodifluoromethane detected at 0.004 ppm.
(331) 1,2-DCB at 0.0005 ppm.
(332) Trans-1,2-DCE 0.0022 ppm.
(333) Dichlorodifluoromethane detected at 0.002 ppm.
(334) Dichlorodifluoromethane detected at 0.002 ppm.
(335) Trans-1,2-DCE at 0.011 ppm.
(336) Chloroform at 0.0026 ppm.
(337) 1,2-DCB at 0.009 and trans-1,2-Dichloroethene 0.003 ppm.
(338) 1,2-DCB at 0.0013 and trans-1,2-Dichloroethene 0.0008 ppm.
(339) 1,2-DCB at 0.046 ppm.
(340) 1,2-DCB at 0.009 ppm.
(341) 1,2-DCB at 0.005 ppm.
(342) 1,2-DCB at 0.009 ppm.
(343) 1,2-DCB at 0.039 ppm.
(344) 1,2-DCB at 0.0006 ppm.
(345) 1,2-DCB at 0.003 ppm.
(346) 1,2-DCB at 0.0814 ppm.
(347) 1,2-DCB at 0.00239 ppm.
(348) 1,2-DCB at 0.0103; trans-1,2-DCE 0.0019 ppm.
(349) 1,2-DCB at 0.0145 ppm.
(350) 1,2-DCB at 0.0308 ppm.
(351) 1,2-DCB at 0.00926 ppm.
(352) 1,2-DCB at 0.0109 ppm.
(353) 1,2-DCB at 0.00219 ppm.
(354) 1,2-DCB at 0.0664; trans-1,2-DCE 0.0169 ppm.
(355) 1,2-DCB at 0.00053 ppm.
(356) 1,2-DCB at 0.00089 ppm.
(357) 1,2-DCB at 0.00107 ppm.
(358) Dichlorodifluoromethane detected at 0.001 ppm.
(359) Dichlorodifluoromethane detected at 0.00121 ppm.
(360) Trans-1,2-Dichlorethene at 0.00072 ppm.
(361) Dichlorodifluoromethane detected at 0.00094 ppm.
(362) Trans-1,2-Dichlorethene at 0.00164 ppm.
(363) Dichlorodifluoromethane detected at 0.00135 ppm.
(364) Dichlorodifluoromethane detected at 0.0051 ppm.
(365) Dichlorodifluoromethane detected at 0.0008 ppm.
(366) Dichlorodifluoromethane detected at 0.00126 ppm.
(367) Dichlorodifluoromethane detected at 0.00161 ppm.
(368) Dichlorodifluoromethane detected at 0.00129 ppm.
(369) Trans-1,2-Dichlorethene at 0.00071 ppm.
(370) Trans-1,2-Dichlorethene at 0.0005 ppm.
(371) Dichlorodifluoromethane detected at 0.0007 ppm.
(372) 1,2-DCB at 0.0416 ppm.
(373) 1,2-DCB at 0.00228; chloroform at 0.00072 ppm.
(374) 1,2-DCB at 0.00905; trans-1,2-Dichlorethene at 0.0016 ppm.
(375) 1,2-DCB at 0.0914 ppm.
(376) 1,2-DCB at 0.00056 ppm.
(377) 1,2-DCB at 0.00669 ppm.
(378) 1,2-DCB at 0.00333 ppm.
(379) Dichlorodifluoromethane at 0.00117 ppm.
(380) Dichlorodifluoromethane at 0.00084; trans-1,2-Dichloroethene at 0.00054 ppm.
(381) Dichlorodifluoromethane at 0.00073; chloroform at 0.0103; 1,2-DCB 0.00166 ppm.
(382) Dichlorodifluoromethane at 0.00087; 1,2-DCB at 0.0107 ppm.
(383) Dichlorodifluoromethane at 0.00058; 1,2-DCB at 0.00068 ppm.
(384) 1,2-DCB at 0.00513 ppm.

Table 3-4
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Notes:

* Split sample
(385) 1,2-DCB at 0.0214 ppm.
(386) 1,2-DCB at 0.0152 ppm.
(387) 1,2-DCB at 0.0604 ppm.
(388) 1,2-DCB at 0.0044 ppm.
(389) 1,2-DCB at 0.0128 ppm.
(390) 1,2-DCB at 0.0148 ppm.
(391) 1,2-DCB at 0.0114 ppm.
(392) 1,2-DCB at 0.0422 ppm.
(393) 1,2-DCB at 0.00845 ppm.
(394) 1,2-DCB at 0.00975 ppm.
(395) 1,2-DCB at 0.0422 ppm.
(396) 1,2-DCB at 0.0472 ppm.
(397) 1,2-DCB at 0.012 ppm.
(398) 1,2-DCB at 0.0107 ppm.
(399) 1,2-DCB at 0.0104 ppm.
(400) 1,2-DCB at 0.0109 ppm.
(401) 1,2-DCB at 0.0055 ppm.
(402) 1,2-DCB at 0.0123 ppm.
(403) 1,2-DCB at 0.0232 ppm.
(404) 1,2-DCB at 0.00064 ppm.
(405) 1,2-DCB at 0.157; trans-1,2-Dichlorethene at 0.0388 ppm.
(406) Dichlorodifluoromethane at 0.00101 ppm.
(407) Dichlorodifluoromethane at 0.00067 ppm.
(408) Dichlorodifluoromethane at 0.00078 ppm.
(409) Dichlorodifluoromethane at 0.00175 ppm.
(410) Dichlorodifluoromethane at 0.00161 ppm.
(411) Dichlorodifluoromethane at 0.0006 ppm.
(412) Chloroform at 0.00052 ppm.
(413) Dichlorodifluoromethane at 0.00065 ppm.
(414) Dichlorodifluoromethane at 0.00102 ppm.
(415) Dichlorodifluoromethane at 0.00128 ppm.
(416) Trans-1,2-Dichlorethene at 0.00078 ppm.
(417) Dichlorodifluoromethane at 0.00131 ppm.
(418) 1,2-DCB at 0.00642 ppm.
(419) 1,2-DCB at 0.00628 ppm.
(420) 1,2-DCB at 0.0606 ppm.
(421) 1,2-DCB at 0.00126 ppm.
(422) 1,2-DCB at 0.00188 ppm.
(423) 1,2-DCB at 0.00117 ppm.
(424) Dichlorodifluoromethane at 0.00067 ppm.
(425) 1,2-DCB at 0.00075 ppm.
(426) 1,2-DCB at 0.021 ppm.
(427) 1,2-DCB at 0.0101 ppm.
(428) 1,2-DCB at 0.0094 ppm.
(428) 1,2-DCB at 0.0094 ppm.
(429) 1,2-DCB at 0.0079 ppm.
(430) 1,2-DCB at 0.00596 ppm.
(431) 1,2-DCB at 0.00404 ppm.
(432) 1,2-DCB at 0.0129 ppm.
(433) 1,2-DCB at 0.0657 ppm.
(434) 1,2-DCB at 0.0101 ppm.
(435) 1,2-DCB at 0.0103 ppm.
(436) 1,2-DCB at 0.0430 ppm.
(437) 1,2-DCB at 0.0464 ppm.
(438) 1,2-DCB at 0.00852 ppm.
(439) 1,2-DCB at 0.0413 ppm.
(440) 1,2-DCB at 0.0081 ppm.
(441) Trans-1,2-Dichlorethene 0.0121 ppm; 1,2-DCB at 0.0597 ppm.
(442) 1,2-DCB at 0.00474 ppm.
(443) 1,2-DCB at 0.00160 ppm.
(444) 1,2-DCB at 0.00673 ppm.
(445) 1,2-DCB at 0.00254 ppm.
(446) 1,2-DCB at 0.00230 ppm.
(447) Trans-1,2-Dichlorethene at 0.00052 ppm.
(448) 1,2-DCB at 0.00383 ppm.
(449) 1,2-DCB at 0.00802 ppm.
(450) 1,2-DCB at 0.0132 ppm.
(451) 1,2-DCB at 0.00836 ppm.
(452) 1,2-DCB at 0.00783 ppm.
(453) chloroform at 0.00088 ppm.
(454) 1,2-DCB at 0.00218 ppm.
(455) 1,2-DCB at 0.00601 ppm.
(456) 1,2-DCB at 0.00603 ppm.
(457) 1,2-DCB at 0.00652 ppm.
(458) 1,2-DCB at 0.00375 ppm.
(459) 1,2-DCB at 0.00177 ppm.
(460) Trans-1,2-Dichlorethene at 0.0015 ppm; 1,2-DCB at 0.00655 ppm.
(461) Trans-1,2-Dichlorethene at 0.00606 ppm.
(462) Trans-1,2-Dichlorethene at 0.00172 ppm; 1,2-DCB at 0.00628 ppm.
(463) 1,2-DCB at 0.00383 ppm.
(464) 1,2-DCB at 0.00573 ppm.
(465) 1,2-DCB at 0.00549 ppm.

Table 3-4
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Notes:

* Split sample
(466) Trans-1,2-Dichlorethene at 0.0014 ppm; 1,2-DCB at 0.006 ppm.
(467) 1,2-DCB at 0.0017 ppm.
(468) 1,2-DCB at 0.0075 ppm.
(469) 1,2-DCB at 0.0073 ppm.
(470) 1,2-DCB at 0.0047 ppm.
(471) 1,2-DCB at 0.033 ppm.
(472) Trans-1,2-Dichlorethene at 0.0013 ppm; 1,2-DCB at 0.0045 ppm.
(473) 1,2-DCB at 0.0048 ppm.
(474) Trans-1,2-Dichlorethene at 0.0023 ppm; 1,2-DCB at 0.006 ppm.
(475) Freon 12 at 0.001 ppm.
(476) Freon 12 at 0.0012 ppm.
(477) Trans-1,2-DCE at 0.0006 ppm.
(478) Trans-1,2-DCE at 0.0006 ppm.
(479) Freon 12 at 0.0011 ppm.
(480) 1,2-DCB at 0.0011 ppm.
(481) Trans-1,2-DCE at 0.001 ppm.
(482) Trans-1,2-DCE at 0.0013 ppm; 1,2-DCB at 0.0021 ppm.
(483) Trans-1,2-DCE at 0.0005 ppm.
(484) Toluene at 0.0017 ppm; trans-1,2-DCE at 0.0013 ppm.
(485) Trans-1,2-DCE at 0.0018 ppm.
(486) Trans-1,2-DCE at 0.0014 ppm.
(487) Freon 12 at 0.0013 ppm.
(488) Freon 12 at 0.0016 ppm.
(489) 1,2-DCB at 0.008 ppm.
(490) 1,2-DCB at 0.0106 ppm.
(491) 1,2-DCB at 0.0046 ppm.
(492) 1,2-DCB at 0.0046 ppm.
(493) 1,2-DCB at 0.0015 ppm.
(494) Trans-1,2-DCE at 0.0017 ppm; 1,2-DCB at 0.0057 ppm.
(495) 1,2-DCB at 0.01 ppm.
(496) Trans-1,2-DCE at 0.014 ppm; 1,2-DCB at 0.054 ppm.
(497) Trans-1,2-DCE at 0.0006 ppm.
(498) 1,2-DCB at 0.0007 ppm.
(499) 1,2-DCB at 0.0027 ppm.
(500) 1,2-DCB at 0.0027 ppm.
(501) Freon 12 at 0.057 ppm.
(502) Trans-1,2-DCE at 0.0014 ppm; 1,2-DCB at 0.0066 ppm.
(503) 1,2-DCB at 0.0016 ppm.
(504) 1,2-DCB at 0.032 ppm.
(505) Trans-1,2-DCE at 0.0009 ppm; 1,2-DCB at 0.0049 ppm.
(506) Trans-1,2-DCE at 0.0016 ppm; 1,2-DCB at 0.0063 ppm.
(507) 1,2-DCB at 0.0015 ppm.
(508) 1,2-DCB at 0.033 ppm.
(509) Trans-1,2-DCE at 0.0044 ppm; 1,2-DCB at 0.0043 ppm.
(510) Trans-1,2-DCE at 0.002 ppm; 1,2-DCB at 0.0041 ppm.
(511) Freon 12 at 0.0012 ppm.
(512) 1,2-DCB at 0.0064 ppm.
(513) 1,2-DCB at 0.0062 ppm.
(514) 1,2-DCB at 0.0053 ppm.
(515) Trans-1,2-DCE 0.0014;1,2-DCB at 0.0053 ppm.
(516) 1,2-DCB at 0.0013 ppm.
(517) 1,2-DCB at 0.0029 ppm.
(518) 1,2-DCB at 0.0044 ppm.
(519) 1,2-DCB at 0.0044 ppm.
(520) 1,2-DCB at 0.0071 ppm.
(521) 1,2-DCB at 0.0053 ppm.
(522) 1,2-DCB at 0.0037 ppm.
(523) 1,2-DCB at 0.007 ppm.
(524) 1,2-DCB at 0.007 ppm.
(525) 1,2-DCB at 0.0038 ppm.
(526) Trans-1,2-DCE at 0.0016; 1,2-DCB at 0.0052 ppm.
(527) 1,2-DCB at 0.0014 ppm.
(528) 1,2-DCB at 0.028 ppm.
(529) Trans-1,2-DCE 0.0025;1,2-DCB at 0.0038 ppm.
(530) Trans-1,2-DCE 0.0024;1,2-DCB at 0.0036 ppm.
(531) Trans-1,2-DCE 0.0005 ppm.
(532) Trans-1,2-DCE 0.0005 ppm.
(533) Trans-1,2-DCE at 0.0016; 1,2-DCB at 0.0052 ppm.
(534) 1,2-DCB at 0.017 ppm.
(535) 1,2-DCB at 0.033 ppm.
(536) Freon 12 detected at 0.0007J ppm.
(537) Trans-1,2-DCE 0.0004J ppm.
(538) Trans-1,2-DCE 0.0014 ppm; chloroform 0.0003J ppm.
(539) Trans-1,2-DCE 0.0006 ppm; Freon 12 0.0005J ppm.
(540) Freon 12 0.0007J ppm.
(541) Freon 12 0.0007J ppm.

Table 3-4
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Notes:

* Split sample
(542) Trans-1,2-DCE 0.0004J ppm.
(543) 1,1-DCE, trans-1,2-DCE, and chloroform were detected below the Reporting Limit of 0.0005 ppm.
(544) Trans-1,2-DCE at 0.0013 ppm.
(545) Trans-1,2-DCE at 0.0012 ppm.
(546) Trans-1,2-DCE at 0.0046; 1,2-DCB at 0.0066 ppm
(547) Freon 12 at 0.046 ppm.
(548) Trans-1,2-DCE at 0.0027; 1,2-DCB at 0.005 ppm.
(549) Trans-1,2-DCE at 0.0027; 1,2-DCB at 0.0052 ppm. 1,1-DCE detected below the Reporting Limit of 0.0008 ppm.
(550) Trans-1,2-DCE at 0.0005 ppm.
(551) Trans-1,2-DCE at 0.0011 ppm.
(552) Freon 12 at 0.0007 ppm.
(553) Freon 12 at 0.0011 ppm.
(554) Trans-1,2-DCE and 1,1-DCE detected below the Reporting Limit of 0.001 ppm.
(555) Trans-1,2-DCE at 0.0009; 1,2-DCB at 0.004 ppm. Vinyl chloride detected below the Reporting Limit of 0.0006 ppm.
(556) Trans-1,2-DCE 0.0004J ppm; chloroform 0.0003J ppm 1,2-DCB at 0.035 ppm.
(557) Chloroform and Freon 113 detected below the Reporting Limit of 0.0005 ppm.
(558) 1,2-DCB at 0.0018 ppm.
(559) 1,2-DCB at 0.027 ppm.
(560) 1,2-DCB at 0.0006 ppm.
(561) Freon 12 detected below Reporting Limit of 0.001 ppm.
(562) 1,2-DCB at 0.0006 ppm. Chloroform detected below the Reporting Limit of 0.0005 ppm.
(563) 1,2-DCB at 0.0011 ppm. Chloroform detected below the Reporting Limit of 0.0005 ppm.
(564) 1,2-DCB at 0.013 ppm. 1,4-DCB detected below the Reporting Limit of 0.0005 ppm.
(565) Trans-1,2-DCE at 0.012; 1,2-DCB at 0.043 ppm. 1,1-DCE detected below the Reporting Limit of 0.0017 ppm.
(566) 1,2-DCB at 0.0037. Trans-1,2-DCE detected below the Reporting Limit of 0.001 ppm.
(567) 1,2-DCB;trans-1,2-DCE; and vinyl chloride detected below the Reporting Limit of 0.0005 ppm.
(568) 1,1,1-TCA detected below the Reporting Limit of 0.0005 ppm.
(569) cis-1,2-DCE detected below the Reporting Limit of 0.0005 ppm.
(570) PCE and Freon 113 detected below the Reporting Limit of 0.0071 ppm and 0.077 ppm, respectively.
(571) TCE detected below the Reporting Limit of 0.0005 ppm.
(572) Trans-1,2-DCE at 0.0035; 1,2-DCB at 0.0054 ppm.
(573) Trans-1,2-DCE at 0.0049; 1,2-DCB at 0.0059 ppm.
(574) 1,2-DCB at 0.0038 ppm. 1,1-DCE, methylene chloride, trans-1,2-DCE, 1,1-DCA, chloroform detected under the reporting limit of 0.0005 ppm.
Freon 113 detected under the reporting limit of 0.005 ppm.
(575) Trans-1,2-DCE at 0.0013; 1,2-DCB at 0.0063 ppm.
(576) 1,2-DCB at 0.0018 ppm.
(577) 1,2-DCB at 0.0031 ppm.
(578) 1,2-DCB at 0.0059. Trans-1,2-DCE detected below the Reporting Limit of 0.0017 ppm.
(579) 1,1-DCE, trans-1,2-DCE, and 1,2-DCB detected below the Reporting Limit of 0.0005 ppm.
(580) Trans-1,2-DCE, and 1,2-DCB detected below the Reporting Limit of 0.0005 ppm.
(581) 1,2-DCB at 0.0084 ppm, trans-1,2-DCE detected under the reporting limit of 0.0042 ppm,
Freon 113 detected under the reporting limit of 0.042 ppm.
(582) 1,2-DCB at 0.0091 ppm, trans-1,2-DCE detected under the reporting limit of 0.0042 ppm,
Freon 113 detected under the reporting limit of 0.042 ppm.
(583) 1,2-DCB at 0.0049 ppm, 1,1-DCE, trans-1,2-DCE, 1,1-DCA, chloroform - detected under the reporting limit of 0.0005 ppm,
Freon 113 detected under the reporting limit of 0.005 ppm.
(584) Trans-1,2-DCE at 0.0015 ppm; 1,2-DCB at 0.0063 ppm. Vinyl chloride detected under the reporting limit of 0.0005 ppm.
(585) 1,2-DCB at 0.0017 ppm. Trans-1,2-DCE detected below the Reporting Limit of 0.0005 ppm.
(586) 1,2-DCB at 0.0031 ppm.
(587) 1,2-DCB at 0.0055. Trans-1,2-DCE detected below the Reporting Limit of 0.0012 ppm.
(588) Trichloroethene was detected at a concentration less than the Reporting limit of 0.0005 ppm.
(589) Trans-1,2-DCE and 1,2-DCB detected below the Reporting Limit of 0.0005 ppm.
(590) 1,2-DCB at 0.0042. Trans-1,2-DCE detected below the reporting limit of 0.0013 ppm.
(591) 1,2-DCB at 0.0026 ppm.
(592) 1,2-DCB at 0.0017 ppm.
(593) 1,2-DCB at 0.0016 ppm.
(594) Trans-1,2-DCE at 0.0012 ppm; 1,2-DCB at 0.0058 ppm.
(595) 1,2-DCB at 0.0048 ppm. Trans-1,2-DCE, 1,1-DCA, and chloroform detected below the reporting limit of 0.0005 ppm.
(596) Trans-1,2-DCE at 0.0047 ppm; 1,2-DCB at 0.0086 ppm.
(597) 1,2-DCB at 0.0038. Trans-1,2-DCE and 1,1-DCE detected below the reporting limit of 0.001 ppm.
Freon 113 detected below the reporting limit of 0.01 ppm.
(598) 1,2-DCB at 0.0023. Trans-1,2-DCE detected below the reporting limit of 0.0006 ppm.
(599) 1,2-DCB at 0.015 ppm.
(600) 1,2-DCB at 0.0012. Trans-1,2-DCE detected below the reporting limit of 0.0005 ppm.
(601) Trans-1,2-DCE at 0.0013 ppm; 1,2-DCB at 0.0023 ppm.
(602) 1,1,1-TCA was detected below the reporting limit of 0.0005 ppm.
(603) Trans-1,2-DCE at 0.0011 ppm. 1,1-DCE detected below the reporting limit of 0.0005 ppm.
(604) 1,2-DCB at 0.0042. Trans-1,2-DCE detected below the reporting limit of 0.0013 ppm.
(605) Trans-1,2-DCE at 0.0007 ppm. 1,1-DCA and 1,1-DCE were detected below the reporting limit of 0.0005 ppm.
(606) 1,2-DCB at 0.001 ppm.
(607) Trans-1,2-DCE at 0.014 ppm; 1,2-DCB at 0.030 ppm. 1,1-DCE detected below the reporting limit of 0.0017 ppm.
(608) Trans-1,2-DCE at 0.0014 ppm.
(609) Trans-1,2-DCE at 0.004 ppm.
(610) TCE detected below the reporting limit of 0.0005 ppm.
(611) 1,2-DCB at 0.0009 ppm. Trans-1,2-DCE and bromoform detected below the Reporting Limit of 0.0005 ppm.
(612) 1,2-DCB at 0.0024 ppm and trans-1,2-DCE at 0.0015 ppm. Vinyl chloride was detected below the reporting limit of 0.0005 ppm.
(613) 1,2-DCB at 0.0052 ppm. Trans-1,2-DCE was detected at a concentration below the reporting limit of 0.0036 ppm.
(614) TCE detected below the reporting limit of 0.0005 ppm.
(615) Freon 12 was detected at a concentration below the reporting limit of 0.001 ppm.
(616) Freon 12 was detected at a concentration below the reporting limit of 0.0014 ppm.
(617) 1,2-DCB at 0.0031 ppm. 1-DCE, 1,1-DCA, trans-1,2-DCE and chloroform were detected below the reporting limit of 0.0005 ppm.

Table 3-4
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Notes:

* Split sample
Freon 113 was detected below the reporting limit of 0.005 ppm.
(618) TCE was detected below the reporting limit of 0.0005 ppm.
(619) 1,2-DCB at 0.0017 ppm.
(620) 1,2-DCB at 0.0064 ppm.
(621) 1,2-DCB at 0.0050 ppm. Trans-1,2-DCE was detected below the reporting limit of 0.0036 ppm.
Freon 113 was detected below the reporting limit of 0.036 ppm.
(622) 1,2-DCB at 0.0044 ppm. 1,2-DCE, 1,1-DCA, trans-1,2-DCE, and chloroform detected below the reporting limit of 0.0005 ppm.
Freon 113 was detected below the reporting limit of 0.005 ppm.
(623) Freon 12 was detected at a concentration below the reporting limit of 0.001 ppm.
(624) 1,2-DCB at 0.0030 ppm. Trans-1,2-DCE was detected below the reporting limit of 0.0017 ppm.
(625) 1,2-DCB at 0.0048 ppm; 1,1-DCE, 1,1-DCA, trans-1,2-DCE, and chloroform detected below the reporting limit of 0.0005 ppm.
Freon 113 and Freon 12 were detected below the reporting limits of 0.005 ppm and 0.001 ppm, respectively.
(626) 1,2-DCB at 0.0048 ppm and trans-1,2-DCE at 0.0008 ppm. Vinyl chloride was detected below the reporting limit of 0.0005 ppm.
(627) 1,2-DCB at 0.0014 ppm and trans-1,2-DCE at 0.0005 ppm. Vinyl chloride was detected below the reporting limit of 0.0005 ppm.
(628) 1,2-DCB at 0.0046 ppm and trans-1,2-DCE at 0.0015 ppm. Freon 113 was detected below the reporting limit of 0.013 ppm.
(629) Freon 12 was detected below the reporting limit of 0.001 ppm. 1,2-DCB, trans-1,2-DCE, and vinyl chloride detected below the reporting limit of 0.0005 ppm.
(630) Trans-1,2-DCE at 0.0051 ppm; 1,2-DCB at 0.0039 ppm; PCE and chloroform were detected at concentrations below the reporting limit of 0.005 ppm.
(631) 1,2-DCB at 0.0036 ppm; trans-1,2-DCE was detected at a concentration below the reporting limit of 0.0007 ppm.
(632) Trans-1,2-DCE at 0.0007 ppm; 1,2-DCB at 0.0044 ppm.
(633) 1,2-DCB at 0.0015 ppm; trans-1,2-DCE was detected at a concentration less than the reporting limit of 0.0005 ppm.
(634) 1,2-DCB at 0.0042 ppm; trans-1,2-DCE and PCE were detected at a concentration less than the reporting limit of 0.0025 ppm.
(635) Chloroform was detected at a concentration below the reporting limit of 0.0005 ppm.
(636) Trans-1,2-DCE at 0.0070 ppm.
(637) Freon 12 was detected at the reporting limit of 0.0010 ppm.
(638) Trans-1,2-DCE at 0.0024 ppm.
(639) Freon 12 at 0.0015 ppm.
(640) Trans-1,2-DCE at 0.0051ppm; 1,2-Dichlorobenzene at 0.0061 ppm.
(641) 1,2-DCB was detected below the reporting limit of 0.0007 ppm.
(642) Trans-1,2-DCE at 0.0130 ppm; 1,2-DCB at 0.0450 ppm.
(643) Chloroform was detected below the reporting limit of 0.0005 ppm.
(644) 1,2-DCB at 0.0025 ppm.
(645) Trans-1,2-DCE at 0.0019 ppm.
(646) Trans-1,2-DCE at 0.0009 ppm; 1,2-DCB at 0.0034 ppm.
(647) Trans-1,2-DCE at 0.0008 ppm; 1,2-DCB at 0.0036 ppm.
(648) Trans-1,2-DCE was detected below the reporting limit of 0.0005 ppm; 1,2-DCB at 0.0013 ppm.
(649) 1,2-DCB at 0.0200 ppm.
(650) Trans-1,2-DCE 0.0024 ppm; 1,2-DCB 0.0042 ppm; PCE at 0.0042 ppm.
(651) Chloroform was detected below the reporting limit of 0.0005 ppm.
(652) Chloroform was detected below the reporting limit of 0.0005 ppm.
(653) 1,2-DCB at 0.0220 ppm.
(654) Trans-1,2-DCE was detected at a concentration below the reporting limit of 0.0031 ppm; 1,2-DCB at 0.0048 ppm.
(655) Trans-1,2-DCE was detected at a concentration below the reporting limit of 0.0005 ppm; 1,2-DCB at 0.0012 ppm.
(656) Trans-1,2-DCE at 0.0001 ppm; 1,2-DCB at 0.0035 ppm.
(657) Trans-1,2-DCE, 1,2-DCB, and chloroform were detected at concentrations below the reporting limit of 0.0005 ppm.
(658) Trans-1,2-DCE and 1,2-DCB were detected at concentrations below the reporting limit of 0.0071 ppm.
(659) Trans-1,2-DCE at 0.0067 ppm; 1,2-DCB was detected at a concentration below the reporting limit of 0.0063 ppm.
(660) 1,2-DCB was detected at a concentration below the reporting limit of 0.0005 ppm
(661) Trans-1,2-DCE at 0.0010 ppm; 1,2-DCB at 0.0050 ppm.
(662) Trans-1,2-DCE was detected at a concentration at the reporting limit of 0.0005 ppm; 1,2-DCB at 0.0012 ppm.
(663) 1,2-DCB at 0.015 ppm.
(664) Trans-1,2-DCE was detected at a concentration below the reporting limit of 0.0025 ppm; 1,2-DCB at 0.0042 ppm.
(665) Chloroform at 0.0006 ppm.
(666) Chloroform at 0.0005 ppm.
(667) 1,2-DCB was detected at a concentration below the reporting limit of 0.0063 ppm.
(668) 1,2-DCB was detected at a concentration below the reporting limit of 0.0005 ppm.
(669) Trans-1,2-DCE at 0.0007 ppm; 1,2-DCB at 0.0068 ppm.
(670) Trans-1,2-DCE at 0.0007 ppm; 1,2-DCB at 0.0069 ppm.
(671) Trans-1,2-DCE was detected at a concentration below the reporting limit of 0.0005 ppm; 1,2-DCB at 0.0015 ppm.
(672) 1,2-DCB at 0.026 ppm.
(673) Trans-1,2-DCE was detected at a concentration below the reporting limit of 0.0025 ppm; 1,2-DCB at 0.0050 ppm.
(674) Chloroform at 0.0007 ppm.
(675) Chloroform at 0.0007 ppm.
(676) Trans-1,2-DCE at 0.0016 ppm; 1,2-DCB at 0.0047 ppm.
(677) Trans-1,2-DCE at 0.0005 ppm; 1,2-DCB at 0.0016 ppm.
(678) 1,2-DCB at 0.019 ppm.
(679) Trans-1,2-DCE at 0.0009 ppm; 1,2-DCB at 0.0069 ppm.
(680) Trans-1,2-DCE at 0.0009 ppm; 1,2-DCB at 0.0067 ppm.
(681) Trans-1,2-DCE at 0.0016 ppm.
(682) 1,2-DCB at 0.0014 ppm.
(683) Chloroform was detected below the reporting limit of 0.0005 ppm.
(684) Trans-1,2-DCE was detected below the reporting limit of 0.0063 ppm; 1,2-DCB at 0.0066 ppm.
(685) 1,4-DCB was detected below the reporting limit of 0.0005 ppm.
(686) Trans-1,2-DCE at 0.0100 ppm; 1,2-DCB at 0.0330 ppm.
(687) Freon 12 was detected below the reporting limit of 0.0010 ppm.
(688) Freon 12 at 0.0012 ppm.
(689) Trans-1,2-DCE at 0.0057 ppm.
(690) Well was dry and could not be sampled.
(691) Trans-1,2-DCE at 0.0017 ppm; 1,2-DCE at 0.0039 ppm.
(692) Trans-1,2-DCE at 0.0006 ppm; 1,2-DCB at 0.0016 ppm.
(693) Trans-1,2-DCE at 0.0005 ppm; 1,2-DCB at 0.0016 ppm.

Table 3-4
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Notes:

* Split sample
(694) Trans-1,2-DCE was detected below the reporting limit of 0.0042 ppm; 1,2-DCB at 0.0060 ppm.
(695) Chloroform at 0.0012 ppm.
(696) Wells RA-1 and T-32 taken off-line on December 14, 2005 as part of implementation of the Groundwater Injection Remediation Technology approved by the Regional Water Quality Control Board on October 25, 2005.
(697) Chloroform at 0.0005 ppm.
(698) Chloroform was reported at the detection limit of 0.0005 ppm
(699) Chloroform was reported below the detection limit of 0.0005 ppm
(700) Chloroform at 0.0007 ppm.
(701) Trans-1,2-DCE was detected below the reporting limit of 0.0050 ppm; 1,2-DCB at 0.0059 ppm.
(702) 1,2-DCB at 0.018 ppm.
(703) Chloroform at 0.0005 ppm.
(704) Chloroform was detected at the reporting limit of 0.0005 ppm.
(705) Trans-1,2-DCE was detected below the reporting limit of 0.0005 ppm; 1,2-DCB at 0.0016 ppm.
(706) Monitoring well ES11 was inadvertently not sampled during the second quarter of 2006.
(707) Trans-1,2-DCE at 0.0009 ppm; 1,2-DCB at 0.0069 ppm.
(708) Trans-1,2-DCE at 0.0006 ppm; 1,2-DCB at 0.0020 ppm.
(709) 1,2-DCB at 0.027 ppm.
(710) 1,2-DCB at 0.0091 ppm.
(711) Trans-1,2-DCE at 0.0007 ppm; 1,2-DCB was detected below the reporting limit of 0.0005 ppm.
(712) Trans-1,2-DCE at 0.0048 ppm.
(713) Trans-1,2-DCE at 0.0055 ppm.
(714) Trans-1,2-DCE was detected at an estimated concentration of 0.0010 ppm.
(715) Trans-1,2-DCE at 0.020 ppm; 1,2-DCB at 0.041 ppm.
(716) Trans-1,2-DCE was detected at an estimated concentration of 0.0003 ppm; 1,2-DCB at 0.0025 ppm.
(717) Trans-1,2-DCE was detected at an estimated concentration of 0.0003 ppm; 1,2-DCB at 0.0027 ppm.
(718) 1,2-DCB at 0.0013 ppm.
(719) Trans-1,2-DCE at 0.0006 ppm; 1,2-DCB at 0.0017 ppm.
(720) Trans-1,2-DCE at 0.0017 ppm.
(721) 1,2-DCB at 0.024 ppm.
(722) Trans-1,2-DCE at 0.0010 ppm; 1,2-DCB at 0.0057 ppm.
(723) Well was dry and could not be sampled.
(724) Freon 12 at 0.0012 ppm.
(725) 1,2-DCB at 0.0078 ppm.
(726) Trans-1,2-DCE was detected at an estimated concentration of 0.0004 ppm; 1,2-DCB at 0.0033 ppm.
(727) Trans-1,2-DCE was detected at an estimated concentration of 0.0005 ppm; 1,2-DCB at 0.0021 ppm.
(728) Trans-1,2-DCE at 0.0008 ppm; 1,2-DCB at 0.0050 ppm.
(729) Trans-1,2-DCE was detected at an estimated concentration of 0.0003 ppm.
(730) Trans-1,2-DCE was detected at an estimated concentration or 0.0006 ppm.
(731) Trans-1,2-DCE at 0.0067 ppm.
(732) Freon 12 was detected at an estimated concentration of 0.0007 ppm.
(733) Well was dry and could not be sampled.
(734) Trans-1,2-DCE at 0.0030 ppm.
(735) Freon 12 at 0.0016 ppm.
(736) Trans-1,2-DCE at 0.0015 ppm; 1,2-DCB at 0.0034 ppm.
(737) Trans-1,2-DCE at 0.022 ppm; 1,2-DCB at 0.076 ppm.
(738) 1,2-DCB was detected at an estimated concentration of 0.0004 ppm.
(739) Trans-1,2-DCE at 0.0012 ppm.
(740) Trans-1,2-DCE at 0.0009 ppm; 1,2-DCB at 0.0057 ppm.
(741) 1,2-DCB at 0.0014 ppm.
(742) 1,2-DCB at 0.016 ppm.
(743) 1,2-DCB was detected at an estimated concentration of 0.0056 ppm.
(744) Trans-1,2-DCE at 0.0008 ppm.
(745) 1,2-DCB at 0.0016 ppm.
(746) Trans-1,2-DCE at 0.0014 ppm.
(747) Trans-1,2-DCE at 0.0031 ppm; Freon 12 was detected at an estimated concentration of 0.0009 ppm.
(748) Trans-1,2-DCE at 0.0009 ppm.
(749) Freon 12 at 0.0010 ppm.
(750) Freon 12 was detected at an estimated concentration of 0.0006 ppm.
(751) Freon 12 was detected at an estimated concentration of 0.0009 ppm.
(752) Freon 12 was detected at an estimated concentration of 0.0006 ppm.
(753) Freon 12 was detected at an estimated concentration of 0.0007 ppm.
(754) Freon 12 at 0.0010 ppm.
(755) 1,2-DCB was detected at an estimated concentration of 0.0023 ppm.
(756) Trans-1,2-DCE was detected at an estimated concentration of 0.0011 ppm; 1,2-DCB at 0.0084 ppm.
(757) Trans-1,2-DCE at 0.0015 ppm; 1,2-DCB at 0.0039 ppm.
(758) Trans-1,2-DCE was detected at an estimated concentration of 0.0005 ppm.
(759) Trans-1,2-DCE was detected at an estimated concentration of 0.0017 ppm; 1,2-DCB at 0.0036 ppm.
(760) Freon 12 was detected at an estimated concentration of 0.0006 ppm.
(761) Trans-1,2-DCE at 0.010 ppm; 1,2-DCB at 0.016 ppm.
(762) Trans-1,2-DCE at 0.012 ppm; 1,2-DCB at 0.015 ppm.
(763) Trans-1,2-DCE at 0.024 ppm; 1,2-DCB at 0.071 ppm.
(764) Trans-1,2-DCE at 0.0008 ppm; 1,2-DCB at 0.042 ppm: 1,4-DCB at an estimated concentration of 0.0004 ppm.
(765) Trans-1,2-DCE at 0.0007; 1,2-DCB at 0.0034 ppm.
(766) Trans-1,2-DCE at 0.0005 ppm.
(767) Trans-1,2-DCE at 0.001 ppm; 1,2-DCB at 0.0049 ppm.
(768) 1,2-DCB at 0.0015 ppm.
(769) 1,2-DCB was detected at an estimated concentration of 0.0056 ppm.
(770) Trans-1,2-DCE was detected at an estimated concentration of 0.0003 ppm; 1,2-DCB at an estimated concentration of 0.0004 ppm.
(771) Trans-1,2-DCE at 0.0051 ppm.
(772) Freon 12 was detected at an estimated concentration of 0.0007 ppm.
(773) Trans-1,2-DCE at 0.0014 ppm.
(774) Freon 12 at 0.0013 ppm.

Table 3-4
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Notes:

* Split sample
(775) Trans-1,2-DCE at 0.0007 ppm; 1,2-DCB at 0.0045 ppm.
(776) Trans-1,2-DCE at 0.020ppm; 1,2-DCB at 0.088 ppm.
(777) 1,2-DCB at 0.0027 ppm.
(778) Trans-1,2-DCE at 0.0011 ppm.
(779) Trans-1,2-DCE at 0.0009 ppm; 1,2-DCB at 0.0062 ppm.
(780) 1,2-DCB at 0.0019 ppm.
(781) 1,2-DCB at 0.0061 ppm.
(782) 1,2-DCB was detected at an estimated concentration of 0.0067 ppm.
(783) Trans-1,2-DCE was detected at an estimated concentration of 0.0004 ppm; 1,2-DCB at 0.0005 ppm.
(784) Trans-1,2-DCE at 0.026 ppm; 1,2-DCB at 0.083 ppm.
(785) Chloroform was detected at an estimated concentration of 0.0004 ppm.
(786) Chloroform was detected at an estimated concentration of 0.0004 ppm.
(786) 1,2-DCB at 0.003 ppm.
(787) Trans-1,2-DCE at 0.0006 ppm; 1,2-DCB at 0.0045 ppm.
(788) 1,2-DCB at 0.0015 ppm.
(789) 1,2-DCB at 0.0054 ppm.
(790) Trans-1,2-DCE at 0.0007 ppm; 1,2-DCB at 0.0039 ppm.
(791) Trans-1,2-DCE at 0.0003J ppm; 1,2-DCB at 0.0024 ppm
(792) Trans-1,2-DCE was detected at an estimated concentration of 0.0005 ppm.
(793) Trans-1,2-DCE was detected at an estimated concentration of 0.0003 ppm; chloroform was detected at an estimated concentration of 0.0003 ppm.
(794) Trans-1,2-DCE was detected at an estimated concentration of 0.0003 ppm; 1,2-DCB at 0.0024 ppm.
(795) Trans-1,2-DCE was detected at an estimated concentration of 0.002 ppm; 1,2-DCB at 0.010 ppm.
(796) Trans-1,2-DCE was detected at an estimated concentration of 0.0005 ppm; 1,2-DCB at 0.0007 ppm.
(797) Freon 12 at 0.0012 ppm.
(798) Trans-1,2-DCE at 0.0012 ppm.
(799) Trans-1,2-DCE at 0.0010 ppm; 1,2-DCB at 0.0056 ppm.
(800) 1,2-DCB at 0.0018 ppm.
(801) Trans-1,2-DCE at 0.010 ppm.
(802) Trans-1,2-DCE at 0.028 ppm; 1,2-DCB at 0.046 ppm.
(803) Freon 12 was detected at an estimated concentration of 0.0006 ppm.
(804) Trans-1,2-DCE at 0.0033 ppm; 1,2-DCB at 0.011 ppm.
(805) Trans-1,2-DCE at 0.0018 ppm; 1,2-DCB at 0.0031 ppm.
(806) 1,2-DCB was detected at an estimated concentration of 0.0013 ppm.
(807) Trans-1,2-DCE at 0.0008 ppm; 1,2-DCB at 0.0043 ppm.
(808) 1,2-DCB at 0.0015 ppm.
(809) 1,2-DCB was detected at an estimated concentration of 0.0054 ppm.
(810) Trans-1,2-DCE was detected at an estimated concentration of 0.0003 ppm; 1,2-DCB at 0.0006 ppm.
(811) Trans-1,2-DCE at 0.0029 ppm; Freon 12 was detected at an estimated concentration of 0.0008 ppm.
(812) Freon 12 at 0.0011 ppm.
(813) Freon 12 was detected at an estimated concentration of 0.0006 ppm.
(814) Trans-1,2-DCE at 0.001 ppm.
(815) Freon 12 was detected at an estimated concentration of 0.001 ppm.
(816) Trans-1,2-DCE was detected at an estimated concentration of 0.0006 ppm; 1,2-DCB at 0.0029 ppm.
(817) Trans-1,2-DCE was detected at an estimated concentration of 0.0092 ppm; 1,2-DCB at 0.046 ppm.
(818) 1,2-DCB at 0.0028 ppm.
(819) Trans-1,2-DCE at 0.0011 ppm.
(820) Trans-1,2-DCE at 0.001 ppm; 1,2-DCB at 0.0049 ppm.
(821) 1,2-DCB at 0.0018 ppm.
(822) 1,2-DCB at 0.0018 ppm.
(823) 1,2-DCB was detected at an estimated concentration of 0.0045 ppm.
(824) Trans-1,2-DCE was detected at an estimated concentration of 0.0004 ppm; chloroform at an estimated concentration of 0.0003 ppm; 1,2-DCB at 0.0006 ppm.
(825) Trans-1,2-DCE was detected at an estimated concentration of 0.0010 ppm; 1,2-DCB at 0.0031 ppm.
(826) Trans-1,2-DCE at 0.0013 ppm; 1,2-DCB at 0.0036 ppm.
(827) Trans-1,2-DCE at 0.0009 ppm; 1,2-DCB at 0.0044 ppm.
(828) 1,2-DCB at 0.0013 ppm.
(829) Trans-1,2-DCE at 0.0010 ppm; 1,2-DCB at 0.0057 ppm.
(830) Trans-1,2-DCE was detected at an estimated concentration of 0.0003 ppm; chloroform at an estimated concentration of 0.0005 ppm.
(831) Chloroform at 0.0006 ppm.
(832) Trans-1,2-DCE at 0.0017 ppm.
(833) Freon 12 was detected at an estimated concentration of 0.0008 ppm.
(834) Trans-1,2-DCE at 0.0078 ppm; 1,2-DCB at 0.0130 ppm.
(835) Chloroethane at 0.0061 ppm; acetone was detected at an estimated concentration of 0.0009 ppm; 2-butanone at 0.0840 ppm; carbon disulfide at 0.0028 ppm; trans-1,1-DCE at 0.0070 ppm; chlorobenzene was detected at an estimated concentration of 0.0004 ppm; 1,2-DCB at 0.0190 ppm.
(836) 1,2-DCB at 0.0020 ppm.
(837) 1,2-DCB at 0.0020 ppm.
(838) Trans-1,2-DCE at 0.0008 ppm; 1,2-DCB at 0.0046 ppm.
(839) Trans-1,2-DCE at 0.0008 ppm; 1,2-DCB at 0.0008 ppm.
(840) Trans-1,2-DCE at 0.0007 ppm; 1,2-DCB at 0.0050 ppm.
(841) 1,2-DCB at 0.0017 ppm.
(842) 1,2-DCB was detected at an estimated concentration of 0.0006 ppm.
(843) Trans-1,2-DCE at 0.0110 ppm; 1,2-DCB was detected at an estimated concentration of 0.0041 ppm.
(844) Trans-1,2-DCE at 0.0013 ppm; 1,1-DCB at 0.0011 ppm.
(845) 1,2-DCB at 0.0019 ppm.
(846) Trans-1,2-DCE at 0.0008 ppm; 1,2-DCB at 0.0036 ppm.

Table 3-4
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Notes:

* Split sample
(847) Chloroethane at 0.0067 ppm; Trans-1,2-DCE at 0.0018 ppm; 1,2-DCB at 0.0007 ppm.
(848) 1,2-DCB at 0.0017 ppm.
(849) Chloroethane at 0.0045 ppm; Trans-1,2-DCE at 0.0013 ppm; 1,2-DCB at 0.0007 ppm.
(850) Trans-1,2-DCE at 0.0027 ppm.
(851) Trans-1,2-DCE at 0.0047 ppm; 1,2-DCB at 0.0016 ppm.
(852) Chloroethane at 0.0028 ppm; Trans-1,2-DCE at 0.0030 ppm; 1,2-DCB at 0.0093 ppm.
(853) Trans-1,2-DCE at 0.0010 ppm; 1,2-DCB at 0.0034 ppm; Chloroethane was detected at an estimated concentration of 0.0009 ppm.
(854) 1,2-DCB was detected at an estimated concentration of 0.0004 ppm.
(855) Chloroethane at 0.0069 ppm; Trans-1,2-DCE at 0.0015 ppm; 1,2-DCB at 0.0008 ppm.
(856) Trans-1,2-DCE at 0.0006 ppm; 1,2-DCB at 0.0042 ppm; Chloroethane was detected at an estimated concentration of 0.0008 ppm.
(857) 1,2-DCB at 0.0018 ppm.
(858)Trans-1,2-DCE was detected at an estimated concentration of 0.0013 ppm; 1,2-DCB at an estimated concentration of 0.0015 ppm.
(859) Chloroethane at 0.0077 ppm; Trans-1,2-DCE at 0.0028 ppm; 1,2-DCB at 0.0043 ppm.
(860) Chloroethane at 0.0054 ppm; Trans-1,2-DCE at 0.0012 ppm; 1,2-DCB at 0.0008 ppm.
(861) Trans-1,2-DCE at 0.0049 ppm.
(862) Trans-1,2-DCE was detected at an estimated concentration of 0.0004 ppm.
(863) Chloroform was detected at an estimated concentration of 0.0003 ppm.
(864) Trans-1,2-DCE at 0.0010 ppm.
(865) Freon 12 was detected at an estimated concentration of 0.0009 ppm.
(866) Chloroethane at 0.0024 ppm; Trans-1,2-DCE 0.0024 ppm; 1,2-DCB 0.0093 ppm.
(867) Chloroethane at 0.0029 ppm; Trans-1,2-DCE 0.0025 ppm; 1,2-DCB 0.0096 ppm.
(868) Chloroethane at 0.0026 ppm; Trans-1,1-DCE at 0.0021 ppm; 1,2-DCB at 0.0023 ppm.
(869) 1,2-DCB was detected at an estimated concentration of 0.0004 ppm.
(870) Trans-1,2-DCE at 0.0012 ppm.
(871) Trichlorofluoromethane at 0.0011 ppm; trans-1,2-DCE at 0.0008 ppm; 1,2-DCB at 0.0051 ppm.
(872) 1,2-Dichlorobenzene at 0.0019 ppm; chloroform was detected at an estimated concentration of 0.0003 ppm.
(873) Trans-1,2-DCE at 0.0012 ppm; 1,2-DCB at 0.0017 ppm; Chloroethane was detected at an estimated concentration of 0.0008 ppm.
(874) Chloroethane at 0.0050 ppm; trans-1,2-DCE at 0.0020 ppm; 1,2-DCB at 0.0036 ppm.
(875) Chloroethane at 0.0047 ppm; trans-1,2-DCE at 0.0015 ppm; 1,2-DCB at 0.0010 ppm.
(876) Trans-1,2-DCE at 0.0033 ppm.
(877) Trans-1,2-DCE at 0.0033 ppm; 1,2-DCB at 0.0090 ppm.
(878) Chloroethane at 0.0030 ppm; trans-1,2-DCE at 0.0019 ppm; 1,2-DCB at 0.0090 ppm.
(879) Chloroethane at 0.0021 ppm; trans-1,2-DCE at 0.0015 ppm; 1,2-DCB at 0.0016 ppm.
(880) Chloroethane at 0.0020 ppm; trans-1,2-DCE at 0.0013 ppm; 1,2-DCB at 0.0016 ppm.
(881) 1,2-DCB at 0.0016 ppm.
(882) Chloroethane at 0.0032 ppm; trans-1,2-DCE at 0.0008 ppm.
(883) Chloroethane at 0.0010 ppm; trans-1,2-DCE at 0.0007 ppm; 1,2-DCB at 0.0049 ppm.
(884) 1,2-DCB at 0.0017 ppm.
(885) Chloroethane at 0.0013 ppm; trans-1,2-DCE at 0.0010 ppm; 1,2-DCB at 0.0019 ppm.
(886) Chloroethane at 0.0062 ppm; trans-1,2-DCE at 0.0025 ppm; 1,2-DCB at 0.0036 ppm.
(887) Chloroethane at 0.0043 ppm; trans-1,2-DCE at 0.0015 ppm; 1,2-DCB at 0.0016 ppm.
(888) trans-1,2-DCE at 0.0073 ppm.
(889) trans-1,2-DCE at 0.0049 ppm.
(890) Freon 12 was detected at an estimated concentration of 0.0008 ppm.
(891) Freon 12 at 0.0012 ppm.
(892) 1,2-DCB at 0.0011 ppm.
(893) trans-1,2-DCE at 0.0011 ppm.
(894) Freon 12 at 0.0015 ppm.
(895) Freon 12 was detected at an estimated concentration of 0.0009 ppm; Chloroethane was detected at an estimated concentration of 0.0009 ppm; trans-1,2-DCE at 0.0006 ppm.
(896) Chloroethane at 0.0032 ppm; Trans-1,2-DCE at 0.0021 ppm; Chlorobenzene was detected at an estimated concentration of 0.0003 ppm; 1,2-DCB at 0.0096 ppm.
(897) Chloroethane was detected at an estimated concentration of 0.0007 ppm; Trans-1,1-DCE at 0.0024 ppm; 1,2-DCB at 0.0013 ppm.
(898) 1,2-DCB at 0.0015 ppm.
(899) 1,2-DCB was detected at an estimated concentration of 0.0005 ppm.
(900) trans-1,2-DCE at 0.0017 ppm.
(901) trans-1,2-DCE at 0.0007 ppm; 1,2-DCB at 0.0040 ppm..
(902) 1,2-DCB at 0.0006 ppm.
(903) Chloroethane at 0.0045 ppm; trans-1,2-DCE at 0.0008 ppm.
(904) Chloroethane at 0.0044 ppm; trans-1,2-DCE at 0.0007 ppm.
(905) trichlorofluoromethane was detected at an estimated concentration of 0.0009 ppm; trans-1,2-DCE at 0.0009 ppm; 1,2-DCB at 0.0058 ppm.
(906) 1,2-DCB at 0.0024 ppm.
(907) Chloroethane at 0.0017 ppm; trans-1,2-DCE at 0.0008 ppm; 1,2-DCB at 0.0018 ppm.
(908) Chloroethane at 0.0007 ppm; trans-1,2-DCE at 0.0033 ppm; 1,2-DCB at 0.0034 ppm.
(909) Chloroethane at 0.0029 ppm; trans-1,2-DCE at 0.0011 ppm; 1,2-DCB at 0.0005 ppm.
(910) trans-1,2-DCE at 0.0034 ppm.
(911) trans-1,2-DCE at 0.0030 ppm.
(912) trans-1,2-DCE was detected at an estimated concentration of 0.0004 ppm.
(913) trans-1,2-DCE at 0.0016 ppm.
(914) 1,2-DCB was detected at an estimated concentration of 0.0004 ppm.
(915) trans-1,2-DCE at 0.0015 ppm.
(916) trans-1,2-DCE at 0.0030 ppm; 1,2-DCB was detected at an estimated concentration of 0.0010 ppm.
(917) Freon 12 at 0.0010 ppm.
(918) Chloroethane at 0.0027 ppm; Trans-1,2-DCE at 0.0020 ppm; Chlorobenzene at 0.0007 ppm; 1,2-DCB at 0.011 ppm.
(919) Chloroethane at 0.0011 ppm; trans-1,2-DCE at 0.0027 ppm; 1,2-DCB at 0.0014 ppm.
(920) Chloroethane at 0.0039 ppm; trans-1,2-DCE at 0.0006 ppm.
(921) trichlorofluoromethane was detected at an estimated concentration of 0.0009 ppm; trans-1,2-DCE at 0.0009 ppm; 1,2-DCB at 0.0045 ppm.
(922) 1,2-DCB at 0.0012 ppm.
(923) Chloroethane at 0.0064 ppm; trans-1,2-DCE at 0.0014 ppm; 1,2-DCB at 0.0017 ppm.
(924) Chloroethane at 0.0041 ppm; trans-1,2-DCE at 0.0025 ppm; 1,2-DCB at 0.0034 ppm.
(925) Chloroethane at 0.0042 ppm; trans-1,2-DCE at 0.0015 ppm; 1,2-DCB detected at an estimated concentration of 0.0004 ppm.

Table 3-4
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Notes:

* Split sample
(926) Chloroethane at 0.0040 ppm; trans-1,2-DCE at 0.0016 ppm; 1,2-DCB at 0.0005 ppm.
(927) Chloroethane at 0.0014 ppm; trans-1,2-DCE at 0.0012 ppm.
(928) 1,2-DCB at 0.0007 ppm.
(929) Trans-1,1-DCE was detected at 0.0015 ppm; 1,2-DCB was detected at 0.0008 ppm.
(930) Chloroethane was detected at 0.0016 ppm; Trans-1,2-DCE was detected at 0.0018 ppm; Chlorobenzene was detected at 0.0008; 1,2-DCB 0.010 ppm.
(931) Trans-1,1-DCE was detected at 0.0012 ppm.
(932) Trichlorofluoromethane was detected at 0.0014 ppm; trans-1,2-DCE was detected at 0.0005 ppm; 1,2-DCB 0.0035 ppm.
(933) 1,2-DCB was detected at 0.0017 ppm.
(934) Trans-1,2-DCE was detected at 0.0011 ppm; 1,2-DCB estimated at 0.0003 ppm.
(935) Chloroethane was detected at 0.0023 ppm; trans-1,2-DCE was detected at 0.0020 ppm; 1,2-DCB was detected at 0.0030 ppm.
(936) Trans-1,2-DCE was detected at 0.0066 ppm.
(937) Trans-1,2-DCE was detected at 0.0040 ppm.
(938) Trans-1,2-DCE was detected at 0.0006 ppm.
(939) Trans-1,2-DCE was detected at 0.0039 ppm.
(940) Trans-1,2-DCE estimated at 0.0005 ppm.
(941) Trans-1,2-DCE was detected at 0.0023 ppm.
(942) 1,2-DCB was detected at 0.0005 ppm.
(943) Trans-1,2-DCE was detected at 0.0007 ppm; 1,2-DCB was detected at 0.0008 ppm.
(944) Trans-1,2-DCE was detected at 0.0028 ppm.
(945) Freon 12 estimated at 0.0007 ppm.
(946) Freon 12 estimated at 0.0009 ppm.
(947) 1,2-DCB was detected at 0.0017 ppm.
(948) 1,2-DCB was detected at 0.0012 ppm.
(949) Trans-1,2-DCE was detected at 0.0009 ppm; 1,2-DCB was detected at 0.0059 ppm.
(950) Chloroethane was detected at 0.0011 ppm; trans-1,2-DCE estimated at 0.0004 ppm.
(951) Chloroethane was detected at 0.0023 ppm; trans-1,2-DCE was detected at 0.0008 ppm; 1,2-DCB was detected at 0.0017ppm.
(952) Chloroethane was detected at 0.0023 ppm; trans-1,2-DCE was detected at 0.0020 ppm; 1,2-DCB was detected at 0.0030 ppm.
(953) Trans-1,2-DCE was detected at 0.0025 ppm.
(954) 1,2-DCB was detected at 0.0057 ppm; trans-1,2-Dichloroethene was detected at 0.0011 ppm
(955) 1,2-DCB was detected at 0.0016 ppm
(956) 1,2-DCB was detected at 0.0035 ppm; Chloroethane was detected at 0.0039 ppm; trans-1,2-Dichloroethene was detected at 0.0034 ppm
(957) 1,2-DCB was detected at 0.0005 J ppm; trans-1,2-Dichloroethene was detected at 0.0014 ppm
(958) Trans-1,2-Dichloroethene was detected at 0.0011 ppm
(959) Ttrans-1,2-Dichloroethene was detected at 0.0028 ppm
(960) Freon 12 was detected at 0.0005 Jb ppm
(961) Trans-1,2-Dichloroethene was detected at 0.0005 ppm
(962) Trans-1,2-Dichloroethene was detected at 0.002 ppm
(963) 1,2-DCB was detected at 0.0008 ppm
(964) Chloroform was detected at 0.0034 ppm
(965) 1,2-DCB was detected at 0.0006 J ppm; trans-1,2-Dichloroethene was detected at 0.001 J ppm
(966) 1,2-DCB was detected at 0.0007 J ppm; trans-1,2-Dichloroethene was detected at 0.0016 ppm
(967) Chloroethane was detected at 0.0005 J ppm; trans-1,2-Dichloroethene was detected at 0.001 ppm
(968) 1,2-DCB was detected at 0.0023 ppm; Chloroethane was detected at 0.0018 ppm; trans-1,2-Dichloroethene was detected at 0.0008 ppm
(969) 1,2-DCB was detected at 0.011 ppm; 1,4-DCB was detected at 0.0003 J ppm; Chlorobenzene was detected at 0.0009 ppm; Chloroethane was detected at 0.0012 ppm; trans-1,2-Dichloroethene was detected at 0.0015 ppm

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
W-1	1/30/1986	(1A)	0.2700	0.0670	ND	ND	ND	NA	ND	ND	ND	0.3950
	2/4/1986		0.2450	0.0430	ND	ND	ND	ND	ND	ND	ND	0.2880
	10/22/1986		0.0120	ND	ND	ND	ND	ND	ND	ND	0.0020	0.0140
	4/30/1987		0.1600	0.0280	ND	ND	ND	ND	ND	ND	ND	0.1880
	3/17/1989		0.0690	0.0140	ND	ND	ND	ND	ND	ND	ND	0.0830
	6/23/1989		0.0280	0.0076	ND	ND	ND	0.0015	0.0024	ND	0.0005	0.0400
	6/23/1989		0.0630	0.0092	ND	ND	ND	ND	ND	ND	ND	0.0722
	9/22/1989		0.1000	0.0230	ND	ND	ND	0.0024	0.0017	ND	0.0006	0.1277
	12/19/1989		0.0007	ND	ND	ND	ND	ND	ND	ND	0.0011	0.0018
	4/3/1990		0.0029	ND	ND	ND	ND	ND	ND	ND	<0.003	0.0029
	6/4/1990		0.0910	0.0140	ND	ND	ND	0.0025	0.0014	ND	ND	0.1089
	8/27/1990		0.0100	ND	ND	ND	ND	ND	ND	ND	ND	0.0100
	12/4/1990		0.0100	0.0011	ND	ND	ND	ND	ND	ND	ND	0.0111
	1/31/1991		0.0061	0.0010	ND	ND	ND	ND	ND	ND	ND	0.0071
	5/6/1991		0.0660	0.0099	ND	ND	ND	0.0018	0.0009	ND	ND	0.0786
	8/20/1991		0.0120	ND	ND	ND	ND	ND	ND	ND	ND	0.0120
	8/20/1991		0.0130	ND	ND	ND	ND	ND	ND	ND	ND	0.0130
	12/9/1991	(61)	0.0240	0.0035	ND	ND	ND	ND	ND	ND	ND*	0.0275
	12/9/1991	(62)	0.0190	0.0024	ND	ND	ND	ND	ND	ND	ND*	0.0214
	2/26/1992		0.0870	0.0160	ND	ND	ND	ND	ND	ND	ND	0.1030
	5/21/1992		0.1100	0.0310	ND	ND	ND	ND	ND	ND	ND	0.1410
	8/26/1992		0.1000	0.0130	ND	ND	ND	ND	ND	ND	ND	0.1130
	11/19/1992		0.0430	0.0055	ND	ND	ND	ND	ND	ND	ND	0.0485
	11/19/1992		0.0450	0.0054	ND	ND	ND	ND	ND	ND	ND	0.0504
	3/2/1993		0.0300	0.0055	ND	ND	ND	ND	ND	ND	ND	0.0355
	5/14/1993		0.0770	0.0085	ND	ND	ND	ND	ND	ND	ND	0.0855
	5/14/1993		0.0780	0.0094	ND	ND	ND	ND	ND	ND	ND	0.0874
	8/19/1993		0.0870	0.0100	ND	ND	ND	ND	ND	ND	ND	0.0970
	11/17/1993		0.0820	0.0110	ND	ND	ND	ND	ND	ND	ND	0.0930
	11/22/1994		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/22/1994		0.0070	ND	ND	ND	ND	ND	ND	ND	ND	0.0070
	11/15/1995		0.0190	ND	ND	ND	ND	ND	ND	ND	ND	0.0190
	11/15/1995		0.0120	ND	ND	ND	ND	ND	ND	ND	ND	0.0120
	11/15/1995		0.0090	ND	ND	ND	ND	ND	ND	ND	ND	0.0090
	11/15/1995		0.0220	0.0020	ND	ND	ND	ND	ND	ND	ND	0.0240
	11/13/1996		0.065	0.006	ND	ND	ND	ND	ND	ND	ND	0.0710
	11/17/1997		0.054	ND	ND	ND	ND	NA	ND	ND	ND	0.0540
	11/30/1998		0.0316	0.00165	ND	ND	ND	NA	0.00059	ND	ND	0.0338
	12/10/1999		0.0304	0.00239	ND	ND	ND	NA	0.0005	ND	ND	0.0333
	12/5/2000		0.0474	0.00444	ND	ND	ND	0.0007	0.0007	ND	ND	0.0532
	11/20/2001		0.0490	0.0031	ND	ND	ND	0.0007	0.0008	ND	ND	0.0536
	11/14/2002	(284)	0.0057	ND	ND	ND	ND	ND	ND	ND	ND	0.0057
	12/19/2003	(367)	0.0400	0.0033	ND	ND	ND	ND	ND	ND	ND	0.0433
	11/30/2004		0.0510	0.0027	0.0004J	ND	ND	ND	0.0007	ND	ND	0.0548
	11/3/2005		0.0420	0.0022	ND	ND	ND	ND	0.0005	ND	ND	0.0447
	12/8/2006		0.0370	0.0024	<0.0005	<0.0005	<0.0005	<0.0050	0.0005J	<0.0005	<0.0005	0.0399
	11/1/2007		0.0290	0.0049	<0.0005	<0.0005	<0.0005	<0.0050	0.0003J	0.0061	<0.0005	0.0403
	11/6/2008		0.0330	0.0021	<0.0005	<0.0005	<0.0005	<0.0050	0.0005	<0.0005	<0.0005	0.0356
	11/16/2009		0.0340	0.0016	<0.0005	<0.0005	<0.0005	<0.005	0.0006	<0.0005	<0.0005	0.0362
	12/15/2010		0.0310	0.0017	<0.0005	<0.0005	<0.0005	<0.005	0.0004J	<0.0005	<0.0005	0.0331
	11/17/2011	(808)	0.0270	0.0016	<0.0005	<0.0005	<0.0005	<0.005	0.0003J	<0.0005	<0.0005	0.0294
	11/29/2012		0.0270	0.0015	<0.0005	<0.0005	<0.0005	<0.002	0.0005J	<0.0005	<0.0005	0.0290
	11/6/2013		0.0270	0.0017	<0.0005	<0.0005	<0.0005	<0.002	0.0004J	<0.0005	<0.0005	0.0291
	12/6/2014		0.0250	0.0014	<0.0005	<0.0005	<0.0005	<0.002	0.0004J	<0.0005	<0.0005	0.0268
	12/6/2014		0.0230	0.0013	<0.0005	<0.0005	<0.0005	<0.002	0.0004J	<0.0005	<0.0005	0.0247
W-2	1/24/1986		0.1000	ND	ND	0.0050	ND	ND	ND	ND	ND	0.1050
	1/29/1986		0.1300	0.0640	ND	ND	ND	ND	ND	ND	ND	0.1940
	1/29/1986		0.1570	0.0880	ND	ND	ND	ND	ND	ND	ND	0.2450
	1/29/1986		0.1270	0.0700	ND	ND	ND	ND	ND	ND	ND	0.1970
	10/22/1986		0.0430	ND	ND	ND	ND	ND	ND	ND	ND	0.0430
	7/21/1987		0.0550	0.0260	ND	ND	ND	ND	ND	ND	ND	0.0810
	12/15/1987		0.0650	0.0240	ND	ND	ND	ND	ND	ND	ND	0.0890
	6/14/1988		0.0620	0.0270	ND	ND	ND	ND	0.0003	ND	ND	0.0893
	12/20/1988		0.0830	0.0320	ND	ND	ND	ND	ND	ND	ND	0.1150
	3/15/1989		0.0680	0.0280	ND	ND	ND	ND	ND	ND	ND	0.0960
	9/27/1989		0.0470	0.0290	ND	ND	ND	0.0013	ND	ND	ND	0.0773
	3/26/1990		0.0570	0.0260	ND	ND	ND	ND	ND	ND	ND	0.0830
	8/28/1990		0.0480	0.0200	ND	ND	ND	ND	ND	ND	ND	0.0680
	1/31/1991		0.0500	0.0240	ND	ND	ND	ND	0.0006	ND	ND	0.0746

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Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
	8/16/1991		0.0540	0.0240	0.0007	ND	ND	ND	ND	ND	ND	0.0787
	2/24/1992		0.0500	0.0210	ND	ND	ND	ND	ND	ND	ND	0.0710
	8/25/1992		0.0670	0.0230	ND	ND	ND	ND	ND	ND	ND	0.0900
	8/25/1992		0.0630	0.0230	ND	ND	ND	ND	ND	ND	ND	0.0860
W-2	2/26/1993		0.0190	0.0093	ND	ND	ND	ND	ND	ND	ND	0.0283
	8/23/1993		0.0550	0.0250	ND	ND	ND	ND	ND	ND	ND	0.0800
	11/16/1994		0.0300	0.0120	ND	ND	ND	ND	ND	ND	ND	0.0420
	11/16/1994		0.0230	0.0092	ND	ND	ND	ND	ND	ND	ND	0.0322
	11/20/1995		0.0450	0.0160	ND	ND	ND	ND	ND	ND	ND	0.0610
	12/9/1997		0.0055	0.0013	ND	ND	ND	ND	ND	ND	ND	0.0068
	12/7/1998		0.0439	0.00899	0.0019	ND	ND	ND	ND	ND	ND	0.0548
	12/6/1999		0.0372	0.0121	ND	ND	ND	ND	ND	ND	ND	0.0493
	12/6/2000		0.0387	0.0156	ND	ND	ND	ND	ND	ND	ND	0.0543
	11/26/2001		0.0250	0.0088	ND	ND	ND	ND	ND	ND	ND	0.0338
	11/18/2002		0.0350	0.0120	ND	ND	ND	ND	ND	ND	ND	0.0470
	12/16/2003		0.0330	0.0130	ND	ND	ND	ND	ND	ND	ND	0.0460
	11/30/2004		0.0350	0.0120	0.0003J	ND	ND	ND	0.0003J	ND	ND	0.0476
	11/4/2005		0.0310	0.0120	ND	ND	ND	ND	0.0003J	ND	ND	0.0433
	12/7/2006		0.0290	0.0130	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	0.0420
	11/2/2007		0.0280	0.0097	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	0.0377
	11/4/2008		0.0280	0.0100	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	0.0380
	11/11/2009		0.0230	0.0110	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	0.0340
	12/16/2010		0.0210	0.0067	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	0.0277
	11/17/2011		0.0200	0.0082	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	0.0282
	11/27/2012	(859)	0.0200	0.0082	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	0.0341
	11/6/2013	(900)	0.0210	0.0100	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	0.0342
	12/10/2014	(942)	0.0200	0.0083	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	0.0317
W-2A	1/30/1986		ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
	2/5/1986		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/22/1986		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/21/1987		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/15/1987		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/14/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/20/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/15/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/20/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/26/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/28/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/31/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/14/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/24/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/21/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/26/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/23/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/16/1994		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/20/1995		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/9/1997		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/7/1998		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/6/1999		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/6/2000	(175)	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0017
	11/26/2001		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/20/2002		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/16/2003	(373)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/30/2004		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/4/2005		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/4/2005		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/7/2006		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	ND
	11/2/2007		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	ND
	11/4/2008		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	ND
	11/11/2009		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
	12/16/2010		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
	11/17/2011		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
	11/27/2012		<0.0005	0.0003J	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	0.0003
	11/6/2013		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	ND
	12/10/2014		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	ND
W-3	1/23/1986		ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
	1/30/1986		1.1000	0.1260	ND	ND	ND	0.0540	0.1000	ND	ND	1.3800
	2/23/1986		1.9800	0.0770	ND	ND	ND	0.0540	0.0820	ND	ND	2.1930
	2/23/1986		2.0000	ND	ND	ND	ND	ND	0.0900	ND	ND	2.0900

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	3/20/1989		0.7000	0.0290	ND	ND	ND	0.0210	0.0740	ND	ND	0.8240
	6/29/1989		0.7500	0.0290	ND	ND	ND	0.0170	0.0760	ND	ND	0.8720
	9/27/1989		0.5300	0.0250	ND	ND	ND	0.0230	0.1100	ND	ND	0.6880
	9/27/1989		0.5300	0.0210	ND	ND	ND	0.0230	0.0800	ND	ND	0.6540
	12/22/1989		0.3700	0.1300	ND	ND	ND	0.0190	0.0860	ND	ND	0.6050
	12/22/1989		0.3700	0.1300	ND	ND	ND	0.0190	0.0870	ND	ND	0.6060
	3/28/1990		0.4300	0.0870	ND	ND	ND	0.0120	0.0930	ND	ND	0.6220
	6/4/1990		0.3700	0.0740	ND	ND	ND	ND	0.1000	ND	ND	0.5440
W-3	8/27/1990	(20)	0.3000	0.0400	0.0063	0.0046	0.0029	0.0110	0.0760	ND	ND	0.4420
	12/4/1990		0.2000	0.0900	ND	0.0065	ND	0.0130	0.0470	ND	ND	0.3565
	3/8/1991		0.1000	0.1500	ND	0.0052	0.0030	0.0100	0.0270	ND	ND	0.2952
	5/6/1991		0.1000	0.1600	ND	ND	ND	ND	0.0160	ND	ND	0.2760
	8/21/1991	(49)	0.0720	ND	ND	ND	ND	ND	0.0120	ND	ND	0.0905
	12/5/1991		0.0640	0.1900	ND	0.0056	ND	ND	0.0130	ND	ND	0.2726
	2/25/1992		0.0660	0.1400	ND	ND	ND	0.0034	0.0120	ND	ND	0.2214
	2/25/1992		0.0920	0.1800	ND	ND	ND	0.0038	0.0130	ND	ND	0.2888
	5/22/1992		0.0620	0.2200	ND	ND	ND	ND	0.0072	ND	ND	0.2892
	8/27/1992		0.0960	0.1700	ND	ND	ND	ND	0.0055	ND	ND	0.2715
	8/27/1992		0.0850	0.1600	ND	ND	ND	ND	0.0055	ND	ND	0.2505
	11/20/1992		0.0590	0.1900	ND	0.0063	ND	0.0057	0.0140	ND	ND	0.2750
	11/20/1992		0.0670	0.1900	ND	0.0066	ND	0.0060	0.0140	ND	ND	0.2836
	3/1/1993		0.0760	0.2900	ND	ND	ND	ND	0.0130	ND	ND	0.3790
	3/1/1993		0.0750	0.3000	ND	ND	ND	ND	0.0130	ND	ND	0.3880
	5/17/1993		0.0510	0.1900	ND	ND	ND	ND	0.0081	ND	ND	0.2491
	8/20/1993		0.0480	0.1700	ND	ND	ND	ND	0.0076	ND	ND	0.2256
	11/17/1993	(91)	0.0470	0.1800	ND	0.0054	ND	0.0041	0.0100	ND	ND	0.2498
	11/17/1993	(92)	0.0430	0.1800	ND	0.0050	ND	0.0038	0.0091	ND	ND	0.2440
	11/21/1994	(95)	0.0520	0.1532	ND	0.006	0.003	0.0072	0.011	ND	ND	0.2385
	11/22/1995	(105)	0.0420	0.13	ND	0.0037	ND	0.0030	0.0082	ND	ND	0.1896
	11/22/1995	(106)	0.0360	0.13	ND	0.0035	ND	0.0028	0.0076	ND	ND	0.1825
	11/18/1996	(114)	0.035	0.140	ND	0.0033	ND	0.0034	0.0081	ND	ND	0.1934
	11/18/1996	(115)	0.033	0.130	ND	0.0031	ND	0.0032	0.0078	ND	ND	0.1810
	12/5/1997	(128)	0.027	0.130	ND	ND	ND	0.0040	0.0070	ND	ND	0.1740
	12/1/1998	(149)	0.0309	0.0859	ND	0.00181	0.0006	0.00308	0.00815	0.00096	ND	0.1350
	12/9/1999		0.0251	0.1540	ND	ND	ND	ND	0.00620	ND	ND	0.1853
	12/6/2000	(173)	0.0587	0.1830	ND	ND	ND	0.0028	0.01230	0.010	0.006	0.2754
	12/6/2000	(174)	0.0574	0.1510	ND	ND	ND	0.0027	0.01205	0.009	0.005	0.2403
	11/20/2001	(202)	0.0290	0.1800	ND	0.0013	0.0005	ND	0.0068	0.0093	ND	0.2314
	11/14/2002	(273)	0.0310	0.2000	ND	0.0014	ND	ND	0.0073	0.0038	ND	0.2475
	12/19/2003	(361)	ND	0.1600	ND	ND	ND	ND	0.0006	0.0450	ND	0.2093
	12/19/2003	(370)	ND	0.1600	ND	ND	ND	ND	0.0006	0.0440	ND	0.2080
	12/6/2004	(436)	0.0016J	0.2000	ND	ND	ND	ND	0.0011J	0.0230	ND	0.2295
	11/3/2005	(533)	0.0046	0.3300	ND	0.0013	0.0003J	ND	0.0019	0.0110	ND	0.3561
	12/7/2006	(600)	0.0014J	0.3800	<0.0025	<0.0025	<0.0025	<0.0250	<0.0025	0.0160	<0.0025	0.4060
	11/2/2007	(631)	<0.0017	0.1900	<0.0017	<0.0017	<0.0017	<0.0170	<0.0017	0.1300	<0.0017	0.3313
	11/7/2008	(679)	0.0016J	0.3300	<0.0020	0.0010J	<0.0020	<0.020	<0.0020	0.0200	<0.0020	0.3615
	11/16/2009	(728)	0.0015	0.1900	<0.0005	0.0004J	0.0004J	<0.005	0.0004J	0.0850	<0.0005	0.2871
	12/15/2010	(764)	<0.0025	0.2500	<0.0005	0.0007	0.0004J	<0.005	0.0005	0.0800	<0.0005	0.3407
	11/17/2011	(809)	0.0007	0.2100	<0.0005	0.0003J	0.0003J	<0.005	0.0005J	0.1200	<0.0005	0.3450
	11/28/2012	(860)	<0.0005	0.0320	<0.0005	<0.0005	0.0004J	<0.002	0.0007	0.1500	<0.0005	0.1893
	12/12/2013	(923)	0.0084	0.0910	<0.0005	0.0003J	0.0003J	<0.002	0.0062	0.1100	<0.0005	0.2224
	12/10/2014	(943)	0.0028	0.110	<0.001	<0.001	<0.001	<0.004	0.0016	0.045	<0.001	0.1638
W-4	1/24/1986		ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
	1/29/1986		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/22/1986		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/21/1987		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/14/1987		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/14/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/21/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/16/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/20/1989		ND	ND	ND	ND	ND	0.0010	ND	ND	ND	0.0010
	4/2/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/24/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/29/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/14/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/25/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/20/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/24/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/20/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/17/1994		ND	ND	ND	ND	0.0008	ND	ND	ND	ND	0.0008

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
	11/17/1995		ND	ND	ND	ND	0.00089	ND	ND	ND	ND	0.0009
	11/15/1996		ND	ND	ND	ND	0.0012	ND	ND	ND	ND	0.0012
	11/15/1996		ND	ND	ND	ND	0.0012	ND	ND	ND	ND	0.0012
	11/17/1997		ND	ND	ND	ND	0.0005	ND	ND	ND	ND	0.0005
	12/2/1998		ND	ND	ND	ND	0.00108	ND	ND	ND	ND	0.0011
	12/9/1999		ND	ND	ND	ND	0.00132	ND	ND	ND	ND	0.0013
	12/4/2000		ND	ND	ND	ND	0.00107	ND	ND	ND	ND	0.0011
	11/21/2001		ND	ND	ND	ND	0.0013	ND	ND	ND	ND	0.0013
	11/14/2002		ND	ND	ND	ND	0.0009	ND	ND	ND	ND	0.0009
	12/17/2003		ND	ND	ND	ND	0.0007	ND	ND	ND	ND	0.0007
	12/6/2004		ND	ND	ND	ND	0.0009	ND	ND	ND	ND	0.0009
	11/3/2005		ND	ND	ND	ND	0.0005	ND	ND	ND	ND	0.0005
W-4	12/8/2006		<0.0005	<0.0005	<0.0005	<0.0005	0.0005	<0.0050	<0.0005	<0.0005	<0.0005	0.0005
	11/2/2007		<0.0005	<0.0005	<0.0005	<0.0005	0.0004J	<0.0050	<0.0005	<0.0005	<0.0005	0.0004
	11/6/2008		<0.0005	0.0007	<0.0005	<0.0005	0.0003J	<0.0050	<0.0005	<0.0005	<0.0005	0.0010
	11/11/2009		<0.0005	0.0010	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	0.0010
	12/14/2010		<0.0005	0.0007	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	0.0007
	11/17/2011		0.0003J	0.0006	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	0.0009
	11/28/2012		0.0004J	0.0008	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	0.0012
	11/6/2013		0.0003J	0.0011	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	0.0014
	11/6/2013		0.0004J	0.0011	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	0.0015
	12/6/2014		0.0003J	0.0009	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	0.0012
W-4A	2/4/1986		ND	0.0190	ND	ND	ND	NA	ND	ND	ND	0.0190
	2/28/1986		ND	0.0070	ND	ND	ND	NA	ND	ND	ND	0.0070
	2/5/1986		ND	0.0040	ND	ND	ND	ND	ND	ND	ND	0.0040
	10/22/1986		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/21/1987		ND	0.0130	0.0010	0.0130	ND	0.0012	ND	ND	ND	0.0282
	12/14/1987		ND	0.0090	ND	ND	0.0069	ND	ND	0.0047	ND	0.0206
	6/14/1988		ND	0.0015	ND	ND	ND	ND	ND	0.0005	ND	0.0020
	12/21/1988		ND	0.0120	0.0011	ND	0.0008	0.0010	ND	ND	ND	0.0149
	3/16/1989		ND	ND	ND	ND	0.0008	0.0014	ND	0.0028	ND	0.0050
	9/20/1989		ND	0.0180	0.0015	0.0006	0.0010	0.0020	ND	0.0025	ND	0.0256
	4/2/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/24/1990		ND	ND	ND	ND	ND	ND	ND	ND	0.0006	0.0006
	1/29/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/14/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/25/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/20/1992		ND	ND	ND	ND	0.0008	0.0038	ND	ND	ND	0.0046
	2/24/1993		ND	0.0011	0.0018	ND	0.0024	0.0057	ND	ND	ND	0.0110
	8/20/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/17/1994		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/17/1995		ND	ND	ND	ND	0.00089	ND	ND	ND	ND	0.00089
	11/17/1995		ND	ND	0.0011	ND	0.0028	ND	ND	ND	ND	0.0039
	11/15/1996		ND	ND	0.00072	ND	0.0029	ND	ND	ND	ND	0.0036
	11/17/1997	(129)	ND	ND	0.00070	ND	0.0028	ND	ND	ND	ND	0.0054
	12/2/1998		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/9/1999		ND	ND	ND	ND	0.00089	ND	ND	ND	ND	0.0054
	12/4/2000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/21/2001		ND	0.0014	ND	ND	0.0030	ND	ND	ND	ND	0.0044
	11/14/2002		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/17/2003	(350)	ND	0.0005	ND	ND	0.00110	ND	ND	ND	ND	0.0016
	12/6/2004		0.0005	0.0014	ND	ND	0.0015	0.0048J	ND	0.0004J	ND	0.0086
	11/3/2005		ND	0.0004J	ND	ND	ND	ND	ND	ND	ND	0.0004
	12/8/2006		0.0006	0.0120	<0.0005	<0.0005	0.0016	<0.0050	<0.0005	0.0006	<0.0005	0.0148
	11/2/2007		0.0008	0.0080	<0.0005	<0.0005	0.0012	0.0040J	<0.0005	0.0004J	<0.0005	0.0144
	11/6/2008		<0.0005	0.0026	<0.0005	<0.0005	0.0013	<0.005	<0.0005	<0.0005	<0.0005	0.0039
	11/13/2009		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
	12/14/2010		0.0007	0.0014	<0.0005	<0.0005	0.0014	<0.005	<0.0005	<0.0005	<0.0005	0.0035
	11/17/2011	(810)	0.0007	0.0019	<0.0005	0.0009	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	0.0044
	11/28/2012		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	ND
	11/6/2013		0.0010	0.0020	<0.0005	<0.0005	0.0012	<0.002	<0.0005	<0.0005	<0.0005	0.0042
	12/6/2014		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	ND
W-5	1/28/1986	(1B)	0.2800	0.1100	ND	ND	ND	NA	ND	ND	ND	0.4650
	2/5/1986		0.1460	0.0490	ND	ND	ND	ND	ND	ND	ND	0.1950
	10/22/1986		0.0770	ND	ND	ND	ND	0.0042	ND	ND	0.0078	0.0890
	4/19/1988		0.1800	0.0260	0.0012	ND	ND	0.0170	0.0004	ND	ND	0.2246
	4/19/1988		0.1600	0.0220	0.0009	ND	ND	0.0110	0.0002	ND	ND	0.1941
	3/17/1989		0.0830	0.0160	ND	ND	ND	0.0062	ND	ND	ND	0.1052
	6/23/1989		0.1800	0.0260	ND	ND	ND	0.0110	ND	ND	ND	0.2170

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
	9/22/1989		0.1600	0.0470	ND	ND	ND	NA	ND	ND	ND	0.2070
	12/19/1989		0.1000	0.0230	ND	ND	ND	0.0048	ND	ND	ND	0.1278
	4/4/1990		0.0810	0.0180	0.0006	ND	ND	0.0046	0.0008	ND	ND	0.1050
	6/5/1990		0.0820	0.0200	0.0007	ND	ND	0.0050	0.0008	ND	ND	0.1085
	8/28/1990		0.1300	0.0200	ND	ND	ND	ND	ND	ND	ND	0.1500
	12/4/1990		0.1100	0.0220	0.0010	ND	ND	0.0042	ND	ND	ND	0.1372
	3/6/1991		0.1000	0.0220	0.0009	ND	ND	0.0031	0.0006	ND	ND	0.1266
	5/3/1991		0.0900	0.0170	0.0009	ND	ND	0.0031	ND	ND	ND	0.1110
	8/19/1991	(55)	0.1400	0.0180	ND	ND	ND	ND	ND	ND	ND	0.1633
	12/5/1991		0.1400	0.0220	0.0011	ND	ND	0.0030	0.0011	ND	ND	0.1672
	W-5											
	3/2/1992		0.1400	0.0150	ND	ND	ND	ND	ND	ND	ND	0.1550
	5/22/1992		0.1300	0.0220	ND	ND	ND	ND	ND	ND	ND	0.1520
	8/26/1992		0.1700	0.0230	ND	ND	ND	ND	ND	ND	ND	0.1930
	11/19/1992		0.1100	0.0130	ND	ND	ND	ND	ND	ND	ND	0.1230
	3/1/1993		0.0940	0.0180	ND	ND	ND	ND	ND	ND	ND	0.1120
W-5	3/1/1993		0.1000	0.0190	ND	ND	ND	ND	ND	ND	ND	0.1190
	5/14/1993		0.1100	0.0150	ND	ND	ND	ND	ND	ND	ND	0.1250
	8/20/1993		0.1300	0.0150	ND	ND	ND	ND	ND	ND	ND	0.1450
	11/22/1993		0.1000	0.0150	ND	ND	ND	ND	ND	ND	ND	0.1150
	11/18/1994		0.0890	0.0190	ND	ND	ND	ND	ND	ND	ND	0.1080
	11/14/1995		0.0620	0.0084	ND	ND	ND	ND	ND	ND	ND	0.0704
	11/18/1996		0.077	0.013	ND	ND	ND	ND	ND	ND	ND	0.0900
	11/17/1997		0.088	0.0096	ND	ND	ND	0.0018	0.0008	ND	ND	0.1002
	11/17/1997		0.091	0.010	ND	ND	ND	0.0019	0.0008	ND	ND	0.1037
	12/3/1998		0.0833	0.00565	ND	ND	ND	0.00141	0.00075	ND	ND	0.0911
	12/9/1999		0.0713	0.00690	ND	ND	ND	0.00158	ND	ND	ND	0.0798
	12/4/2000		0.0635	0.00842	ND	ND	ND	0.00143	ND	ND	ND	0.0748
	11/20/2001		0.0660	0.0051	ND	ND	ND	ND	ND	ND	ND	0.0711
	11/21/2001		0.0670	0.0054	ND	ND	ND	ND	ND	ND	ND	0.0724
	11/14/2002		0.0730	0.0059	ND	ND	ND	ND	ND	ND	ND	0.0789
W-6	1/22/1986		0.0550	NA	ND	ND	ND	NA	ND	ND	ND	0.0550
	1/29/1986		0.0800	0.0020	0.0010	ND	ND	0.0040	ND	ND	ND	0.0870
	10/22/1986		0.0370	ND	ND	ND	ND	0.0033	ND	ND	ND	0.0403
	10/22/1986		0.0360	ND	ND	ND	ND	0.0032	ND	ND	ND	0.0392
	4/18/1988		0.0320	0.0023	0.0100	0.0005	0.0009	0.0028	ND	0.0010	ND	0.0495
	3/16/1989		0.0280	0.0120	ND	ND	ND	0.0026	ND	ND	ND	0.0426
	3/16/1989		0.0260	ND	ND	0.0011	ND	0.0022	ND	ND	ND	0.0293
	6/23/1989	+	0.0350	0.0015	ND	ND	ND	ND	ND	ND	ND	0.0365
	9/20/1989	+	0.0290	0.0017	ND	0.0006	ND	0.0033	ND	ND	ND	0.0346
	9/20/1989	+	0.0290	0.0013	ND	0.0028	ND	0.0034	ND	ND	ND	0.0365
	12/20/1989	+	0.0310	0.0016	ND	ND	ND	0.0036	ND	ND	ND	0.0362
	4/2/1990	+	0.0260	0.0017	ND	ND	ND	0.0024	ND	ND	ND	0.0301
	4/2/1990	+	0.0250	0.0017	ND	ND	ND	0.0024	ND	ND	ND	0.0291
	6/5/1990		0.0330	0.0018	ND	ND	0.0016	0.0022	ND	ND	ND	0.0386
	8/24/1990	(27)	0.0390	0.0020	ND	0.0005	ND	0.0020	ND	ND	ND	0.0449
	11/27/1990	(30)	0.0310	0.0024	0.0006	0.0006	0.0006	0.0036	ND	ND	ND	0.0406
	2/1/1991	(33)	0.0360	0.0020	ND	0.0006	ND	0.0013	ND	ND	ND	0.0418
	2/1/1991	(34)	0.0360	0.0024	ND	0.0008	ND	0.0018	ND	ND	ND	0.0429
	5/2/1991	(35)	0.0350	0.0014	ND	ND	ND	0.0014	ND	ND	ND	0.0389
	8/16/1991	(47)	0.0440	0.0016	0.0007	ND	ND	ND	ND	ND	ND	0.0476
	8/16/1991	(48)	0.0380	0.0016	0.0006	ND	ND	0.0018	ND	ND	ND	0.0430
	12/5/1991	(58)	0.0510	0.0024	ND	ND	ND	0.0015	ND	ND	ND	0.0565
	2/26/1992		0.0430	0.0019	ND	ND	ND	0.0015	ND	ND	ND	0.0480
	2/26/1992		0.0430	0.0017	ND	ND	ND	0.0016	ND	ND	ND	0.0479
	5/21/1992		0.0350	0.0013	ND	ND	ND	ND	ND	ND	ND	0.0360
	5/21/1992		0.0340	0.0011	ND	ND	ND	ND	ND	ND	ND	0.0350
	8/21/1992		0.0450	ND	ND	ND	ND	ND	ND	ND	ND	0.0450
	8/21/1992		0.0440	ND	ND	ND	ND	ND	ND	ND	ND	0.0440
	11/19/1992		0.0410	ND	ND	ND	ND	ND	ND	ND	ND	0.0410
	11/19/1992		0.0420	ND	ND	ND	ND	ND	ND	ND	ND	0.0420
	2/25/1993		0.0430	0.0015	ND	ND	ND	0.0022	ND	ND	ND	0.0467
	2/25/1993		0.0440	0.0018	ND	ND	ND	0.0014	ND	ND	ND	0.0472
	5/14/1993		0.0380	ND	ND	ND	ND	ND	ND	ND	ND	0.0380
	5/14/1993		0.0390	ND	ND	ND	ND	ND	ND	ND	ND	0.0390
	8/19/1993	(84)	0.0440	0.0011	ND	ND	ND	ND	ND	ND	ND	0.0480
	8/19/1993	(85)	0.0390	0.0011	ND	ND	ND	ND	ND	ND	ND	0.0460
	11/17/1993		0.0340	0.0013	ND	ND	ND	0.0010	ND	ND	ND	0.0363
	11/18/1994		0.0410	0.0010	ND	ND	ND	ND	ND	ND	ND	0.0420
	11/16/1995		0.0380	0.0013	ND	ND	ND	0.0006	ND	ND	ND	0.0399

Table 3-5
Historical Water-Quality Data for Off-Property Wells
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Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
	11/15/1996		0.032	0.00099	ND	ND	ND	ND	ND	ND	ND	0.0330
	11/13/1997		0.036	0.00090	ND	ND	0.0005	0.0007	ND	ND	ND	0.0381
	12/2/1998		0.0265	0.00054	ND	ND	ND	0.00055	ND	ND	ND	0.0276
	12/8/1999	(163)	0.0279	0.00109	ND	ND	ND	0.00074	ND	ND	ND	0.0307
	12/1/2000	(176)	0.0199	0.00092	ND	ND	ND	0.00062	ND	ND	ND	0.0227
	11/20/2001	(203)	0.0220	0.0009	ND	ND	ND	ND	ND	ND	ND	0.0242
	11/12/2002	(267)	0.0210	0.0008	ND	ND	ND	ND	ND	ND	0.0006	0.0232
	11/2/2007	(654)	0.0073	0.0054	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	0.0019	<0.0005	0.0153
	11/7/2008	(680)	0.0100	0.0013	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	0.0004J	<0.0005	0.0122
	11/11/2009	(721)	0.0032	0.0060	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	0.0022	<0.0005	0.0118
	12/14/2010		0.0041	0.0009	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	0.0003J	<0.0005	0.0053
	11/16/2011	(811)	0.0034	0.0033	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	0.0011	0.0002J	0.0092
	11/28/2012		0.0005J	0.0009	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	0.0006	<0.0005	0.0020
	11/7/2013	(901)	0.0008	0.0048	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	0.0041	<0.0005	0.0107
	12/6/2014		0.0004J	0.0005J	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	0.0003J	<0.0005	0.0012
W-6A	1/28/1986		ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
	2/4/1986		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/22/1986		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4/18/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
W-6A	3/16/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/15/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/20/1989		ND	ND	ND	ND	ND	ND	ND	ND	0.0005	0.0005
	12/14/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/14/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/22/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/22/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/27/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/1/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/2/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/14/1991		0.0008	ND	ND	ND	ND	ND	ND	ND	ND	0.0008
	12/5/1991		0.0009	ND	ND	ND	ND	ND	ND	ND	ND	0.0009
	2/26/1992		0.0005	ND	ND	ND	ND	0.0006	ND	ND	ND	0.0011
	5/20/1992		0.0010	ND	ND	ND	ND	ND	ND	ND	ND	0.0010
	8/21/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/19/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/25/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/14/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/19/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/17/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/18/1994		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/16/1995		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/15/1996		0.00091	ND	ND	ND	ND	ND	ND	ND	ND	0.0009
	11/13/1997		0.00130	ND	ND	ND	ND	0.0009	ND	ND	ND	0.0022
	12/2/1998		0.00147	ND	ND	ND	ND	0.0009	ND	ND	ND	0.0024
	12/8/1999		0.00126	0.00054	ND	ND	ND	0.0009	ND	ND	ND	0.0027
	12/1/2000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/20/2001		0.00130	0.00050	ND	ND	ND	ND	ND	ND	ND	0.0018
	11/12/2002		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/2/2007		0.0021	0.0010	<0.0005	<0.0005	0.0003J	<0.0050	<0.0005	<0.0005	<0.0005	0.0034
	11/2/2007		0.0015	0.0008	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	0.0023
	11/7/2008		0.0019	0.0009	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	0.0028
	11/13/2009		0.0023	0.0012	<0.0005	<0.0005	0.0003J	<0.005	<0.0005	<0.0005	<0.0005	0.0038
	12/14/2010		0.0017	0.0009	<0.0005	<0.0005	0.0003J	<0.005	<0.0005	<0.0005	<0.0005	0.0029
	11/16/2011	(812)	0.0016	0.0011	<0.0005	<0.0005	0.0002J	<0.005	<0.0005	<0.0005	<0.0005	0.0053
	11/28/2012	(861)	0.0010	0.0010	<0.0005	0.0004J	0.0003J	0.0019J	<0.0005	<0.0005	<0.0005	0.0049
	11/7/2013	(902)	0.0010	0.0010	<0.0005	<0.0005	<0.0005	0.0018J	<0.0005	<0.0005	<0.0005	0.0047
	12/6/2014	(944)	0.0012	0.0013	<0.0005	<0.0005	<0.0005	0.0028	<0.0005	<0.0005	<0.0005	0.0067
W-7	1/27/1986		0.2100	0.0400	ND	0.2400	ND	NA	ND	ND	ND	0.4900
	1/30/1986	(2)	0.1770	0.2900	0.0080	ND	ND	ND	ND	ND	ND	0.4790
	4/18/1988		0.1100	0.0740	0.0008	ND	0.0005	0.0110	ND	ND	ND	0.1963
	3/17/1989		0.0800	0.0370	ND	ND	ND	ND	ND	ND	ND	0.1170
	6/26/1989		0.1100	0.0440	ND	ND	ND	ND	ND	ND	ND	0.1540
	9/22/1989	(12)	0.1100	0.1100	ND	ND	ND	ND	ND	ND	ND	0.2263
	12/20/1989	+	0.1100	0.1000	ND	ND	ND	0.0250	ND	ND	ND	0.2350
	12/20/1989	+	0.1200	0.1000	ND	ND	ND	0.0260	ND	ND	ND	0.2460
	4/3/1990		0.1300	0.1000	ND	ND	ND	0.0026	ND	ND	<0.003	0.2326
	4/3/1990		0.1200	0.1000	ND	ND	ND	0.0026	ND	ND	<0.003	0.2226
	6/4/1990		0.1300	0.0940	ND	ND	ND	0.0018	ND	ND	<0.003	0.2258
	8/27/1990		0.2600	0.1400	ND	ND	ND	ND	ND	ND	ND	0.4000

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
	11/30/1990		0.2000	0.1100	0.0007	ND	ND	0.0023	ND	ND	ND	0.3130
	3/6/1991		0.1500	0.1000	0.0007	ND	ND	0.0026	ND	ND	0.0005	0.2539
	3/6/1991		0.1800	0.1400	0.0007	ND	ND	0.0025	ND	ND	0.0005	0.3237
	5/2/1991		0.1600	0.1100	ND	ND	ND	ND	ND	ND	ND	0.2700
	8/20/1991		0.1200	0.0800	ND	ND	ND	ND	ND	ND	ND	0.2000
	12/5/1991		0.3400	0.1600	ND	ND	ND	ND	ND	ND	ND	0.5000
	2/27/1992		0.2400	0.1000	ND	ND	ND	ND	ND	ND	ND	0.3400
	2/27/1992		0.2300	0.1100	ND	ND	ND	ND	ND	ND	ND	0.3400
	5/26/1992		0.2200	0.1500	ND	ND	ND	ND	ND	ND	ND	0.3700
	5/26/1992		0.2500	0.1400	ND	ND	ND	ND	ND	ND	ND	0.3900
	8/19/1992	(76)	0.3600	0.1600	ND	ND	ND	ND	ND	ND	ND	0.5200
	W-7 Pumping started September 14, 1992											
	11/25/1992		0.1800	0.0590	ND	ND	ND	ND	ND	ND	ND	0.2390
	11/25/1992		0.2000	0.0770	ND	ND	ND	ND	ND	ND	ND	0.2770
	3/9/1993		0.1600	0.0550	ND	ND	ND	ND	ND	ND	ND	0.2150
	5/18/1993		0.1500	0.0420	ND	ND	ND	ND	ND	ND	ND	0.1920
	8/25/1993		0.2200	0.0530	ND	ND	ND	ND	ND	ND	ND	0.2730
	11/22/1993		0.1100	0.0300	ND	ND	ND	ND	ND	ND	ND	0.1400
	11/22/1993		0.1200	0.0310	ND	ND	ND	ND	ND	ND	ND	0.1510
	2/15/1994		0.1100	0.0300	ND	ND	ND	ND	ND	ND	ND	0.1400
	2/15/1994		0.1100	0.0280	ND	ND	ND	ND	ND	ND	ND	0.1380
W-7	5/18/1994		0.0930	0.0220	ND	ND	ND	ND	ND	ND	ND	0.1150
	5/18/1994		0.0950	0.0220	ND	ND	ND	ND	ND	ND	ND	0.1170
	8/17/1994		0.1300	0.0300	ND	ND	ND	ND	ND	ND	ND	0.1600
	8/17/1994		0.1200	0.0290	ND	ND	ND	ND	ND	ND	ND	0.1490
	11/28/1994		0.1400	0.0370	ND	ND	ND	ND	ND	ND	ND	0.1770
	2/15/1995		0.1300	0.0330	ND	ND	ND	ND	ND	ND	ND	0.1630
	Well abandoned in February 1995											
W-7A	1/27/1986		0.1600	0.0200	ND	0.3100	ND	NA	ND	ND	ND	0.4900
	2/6/1986		0.2200	0.2100	0.0020	ND	ND	ND	ND	ND	ND	0.4320
	4/18/1988		0.2500	0.2400	0.0009	0.0010	0.0009	0.0210	ND	ND	ND	0.5138
	3/17/1989		0.1800	0.1400	ND	ND	ND	ND	ND	ND	ND	0.3200
	6/29/1989		0.1300	0.1000	ND	ND	ND	ND	ND	ND	ND	0.2300
	9/22/1989	(13)	0.2300	0.3000	ND	ND	ND	ND	ND	ND	ND	0.5740
	12/20/1989		0.2000	0.1800	ND	ND	ND	ND	ND	ND	ND	0.3800
	4/3/1990		0.1900	0.1800	ND	ND	ND	ND	ND	ND	ND	0.3700
	4/3/1990		0.1900	0.1800	ND	ND	ND	ND	ND	ND	ND	0.3700
	6/4/1990		0.2100	0.1700	ND	ND	ND	ND	ND	ND	ND	0.3800
	8/27/1990		0.3400	0.2300	ND	ND	ND	ND	ND	ND	ND	0.5700
	11/30/1990		0.0610	0.0850	ND	ND	0.0007	ND	ND	ND	ND	0.1467
	11/30/1990		0.0590	0.0840	ND	ND	0.0007	ND	ND	ND	ND	0.1437
	3/6/1991		0.1400	0.1200	ND	ND	0.0007	0.0017	ND	ND	ND	0.2624
	5/2/1991		0.1800	0.1300	ND	ND	ND	ND	ND	ND	ND	0.3100
	8/20/1991		0.1300	0.1200	ND	ND	ND	ND	ND	ND	ND	0.2500
	8/20/1991		0.1100	0.1100	ND	ND	ND	ND	ND	ND	ND	0.2200
	12/5/1991		0.1600	0.1400	ND	ND	ND	ND	ND	ND	ND	0.3000
	12/5/1991		0.2200	0.1500	ND	ND	ND	ND	ND	ND	ND	0.3700
	2/27/1992		0.3100	0.1700	ND	ND	ND	ND	ND	ND	ND	0.4800
	5/26/1992		0.2700	0.2300	ND	ND	ND	ND	ND	ND	ND	0.5000
	8/19/1992		0.1500	0.1500	ND	ND	ND	ND	ND	ND	ND	0.3000
	Pumping started September 14, 1992											
	11/25/1992		0.1700	0.0960	ND	ND	ND	ND	ND	ND	ND	0.2660
	3/9/1993		0.1100	0.0600	ND	ND	ND	ND	ND	ND	ND	0.1700
	3/9/1993		0.1300	0.0680	ND	ND	ND	ND	ND	ND	ND	0.1980
	5/18/1993		0.1500	0.0840	ND	ND	ND	ND	ND	ND	ND	0.2340
	8/25/1993		0.1200	0.0620	ND	ND	ND	ND	ND	ND	ND	0.1820
	11/22/1993		0.1300	0.0670	ND	ND	ND	ND	ND	ND	ND	0.1970
	2/15/1994		0.1200	0.0610	ND	ND	ND	ND	ND	ND	ND	0.1810
	5/18/1994		0.1100	0.0540	ND	ND	ND	ND	ND	ND	ND	0.1640
	8/17/1994		0.1100	0.0550	ND	ND	ND	ND	ND	ND	ND	0.1650
	11/28/1994		0.1200	0.0620	ND	ND	ND	0.0029	ND	ND	ND	0.1849
	2/15/1995		0.1200	0.0580	ND	ND	ND	ND	ND	ND	ND	0.1780

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
Well P2	2/6/1986		0.0120	ND	ND	ND	ND	NA	ND	ND	ND	0.0120
	2/7/1986		ND	ND	0.0010	ND	ND	0.0580	ND	ND	ND	0.0590
	2/23/1986		ND	ND	0.0020	ND	ND	0.3820	ND	ND	ND	0.3840
	2/23/1986		ND	ND	ND	ND	ND	0.3000	ND	ND	ND	0.3000
Well P3	2/6/1986		1.4000	0.0100	ND	ND	ND	NA	ND	ND	ND	1.4100
	2/7/1986		4.9000	0.0070	0.0010	0.0010	ND	0.1050	ND	ND	ND	5.0140
	2/23/1986		4.5300	ND	ND	ND	0.0020	0.1880	ND	ND	ND	4.7200
	2/23/1986		5.5000	ND	ND	0.1800	ND	0.5000	ND	ND	ND	6.1800
Well 21	2/5/1986		0.5100	0.3130	ND	ND	ND	NA	ND	ND	ND	0.8230
	2/6/1986		1.4000	0.3250	ND	ND	ND	ND	0.0040	ND	ND	1.7290
	1/4/1989		0.8900	0.1200	ND	ND	ND	ND	ND	ND	ND	1.0100
	3/17/1989		0.5000	0.1300	ND	ND	ND	ND	ND	ND	ND	0.6300
	6/27/1989		0.750	0.200	ND	ND	ND	ND	ND	ND	ND	0.9500
	9/22/1989		0.4000	0.1400	ND	ND	ND	ND	ND	ND	ND	0.5400
	12/19/1989		0.4100	0.1700	ND	ND	ND	ND	ND	ND	ND	0.5800
	4/3/1990		0.2200	0.0990	ND	ND	ND	ND	ND	ND	ND	0.3190
	4/3/1990		0.3300	0.1100	ND	ND	ND	ND	ND	ND	ND	0.4400
	6/5/1990		0.3400	0.1100	ND	ND	ND	ND	ND	ND	ND	0.4500
	8/29/1990		0.4000	0.1100	ND	ND	ND	ND	ND	ND	ND	0.5100
	8/29/1990		0.3900	0.1100	ND	ND	ND	ND	ND	ND	ND	0.5000
	12/4/1990		0.2400	0.0950	ND	ND	ND	ND	ND	ND	ND	0.3350
	1/31/1991		0.1900	0.0920	ND	ND	ND	ND	ND	ND	ND	0.2820
	5/6/1991		0.2100	0.0730	ND	ND	ND	ND	ND	ND	ND	0.2830
	8/20/1991	(50)	0.2900	0.0980	ND	ND	ND	ND	ND	ND	ND	0.4290
	12/9/1991		0.3600	0.1400	ND	ND	ND	ND	ND	ND	ND	0.5000
	2/26/1992		0.2600	0.1100	ND	ND	ND	ND	ND	ND	ND	0.3700
	5/22/1992		0.3600	0.1500	ND	ND	ND	ND	ND	ND	ND	0.5100
Well 21	8/26/1992		0.4000	0.1400	ND	ND	ND	ND	ND	ND	ND	0.5400
	11/20/1992		0.3500	0.1300	ND	ND	ND	ND	ND	ND	ND	0.4800
	3/2/1993		0.2700	0.1100	ND	ND	ND	ND	ND	ND	ND	0.3800
	5/14/1993		0.2400	0.0750	ND	ND	ND	ND	ND	ND	ND	0.3150
	8/19/1993		0.3000	0.0970	ND	ND	ND	ND	ND	ND	ND	0.3970
	11/17/1993		0.2800	0.0950	ND	ND	ND	ND	ND	ND	ND	0.3750
	11/22/1994		0.2600	0.0700	ND	ND	ND	ND	ND	ND	ND	0.3300
	11/15/1995		0.1900	0.0470	ND	ND	ND	ND	ND	ND	ND	0.2370
	11/14/1996		0.170	0.043	ND	ND	ND	ND	ND	ND	ND	0.2130
	11/17/1997		0.180	0.039	ND	ND	ND	ND	ND	ND	ND	0.2190
	11/30/1998	(148)	0.164	0.0291	ND	ND	ND	ND	0.00119	0.00052	ND	0.1955
	12/10/1999		0.167	0.042	ND	ND	ND	ND	ND	ND	ND	0.2090
	12/10/1999		0.190	0.0469	ND	ND	ND	ND	ND	ND	ND	0.2369
	12/5/2000		0.127	0.0591	ND	ND	ND	ND	ND	ND	ND	0.1861
	11/20/2001	(204)	0.150	0.042	ND	ND	ND	ND	0.0012	ND	ND	0.1949
	11/14/2002	(285)	0.090	0.034	ND	ND	ND	ND	ND	0.0007	0.0046	0.1299
	12/19/2003	(368)	0.060	0.043	ND	0.0005	ND	ND	ND	0.0005	ND	0.1048
	11/30/2004	(437)	0.1300	0.0780	ND	0.0010	0.0004J	ND	0.0011	0.0036	ND	0.2157
	11/3/2005	(522)	0.1300	0.1200	ND	0.0009	0.0003J	ND	0.0009	0.0020	ND	0.2557
	12/8/2006	(602)	0.0700	0.0960	<0.0008	0.0006J	<0.0008	<0.0083	0.0004J	0.0007J	<0.0008	0.1688
	11/1/2007	(632)	0.0910	0.0990	<0.0007	0.0005J	<0.0007	<0.0071	0.0007J	0.0009	<0.0007	0.1937
	11/1/2007	(655)	0.0880	0.0990	<0.0010	<0.0010	<0.0010	<0.010	<0.0010	0.0008J	<0.0010	0.1900
	11/6/2008	(681)	0.0810	0.0980	<0.0005	0.0005J	<0.0005	<0.005	0.0005	0.0004J	<0.0005	0.1818
	11/16/2009	(729)	0.0730	0.0840	<0.0005	0.0007	<0.0005	<0.005	0.0006	0.0006	<0.0005	0.1604
	12/15/2010	(765)	0.0550	0.1400	<0.0007	0.0005J	<0.0007	<0.0071	<0.0007	0.0008	<0.0007	0.1978
	12/15/2010	(766)	0.0510	0.1300	<0.0010	<0.0010	<0.0010	<0.010	<0.0010	0.0008J	<0.0010	0.1832
	11/15/2011	(813)	0.0360	0.1100	<0.0007	0.0004J	<0.0007	<0.071	<0.0007	0.0005J	<0.0007	0.1483
	11/27/2012	(862)	0.0170	0.0910	<0.0005	0.0004J	<0.0005	<0.002	<0.0007	0.0004J	<0.0007	0.1105
	11/27/2012	(863)	0.0150	0.0900	<0.0005	0.0006	<0.0005	<0.002	<0.0007	0.0006	<0.0007	0.1085
	11/6/2013	(903)	0.0360	0.1300	<0.001	0.0005J	<0.001	<0.004	<0.001	0.0007J	<0.001	0.1701
	12/6/2014	(945)	0.064	0.120	<0.001	<0.001	<0.001	<0.004	0.0007J	0.0025	<0.001	0.1906
Well 22	2/5/1986	(1C)	0.1600	0.2000	0.0090	ND	ND	NA	ND	ND	ND	0.5820
	2/6/1986		0.3050	0.1750	0.0070	ND	ND	ND	ND	ND	ND	0.4870
	4/18/1988		0.0530	ND	0.0015	0.0007	0.0250	0.0013	ND	ND	ND	0.0815
	3/17/1989		0.6800	0.0440	0.0016	ND	ND	ND	ND	ND	ND	0.7256
	6/23/1989		0.0940	0.0450	0.0016	ND	ND	0.0020	ND	ND	ND	0.1426
	9/22/1989		0.0500	0.0360	ND	ND	ND	ND	ND	ND	ND	0.0860
	12/19/1989		0.0550	0.0450	0.0015	ND	ND	ND	ND	ND	0.0007	0.1022
	4/2/1990		0.0520	0.0330	0.0018	ND	ND	ND	ND	ND	ND	0.0868
	6/5/1990		0.0350	0.0190	0.0006	ND	ND	ND	ND	ND	ND	0.0546
	8/29/1990		0.0720	0.0300	ND	ND	ND	ND	ND	ND	ND	0.1020

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
	8/29/1990		0.0710	0.0280	ND	ND	ND	ND	ND	ND	ND	0.0990
	12/4/1990		0.0520	0.0300	0.0024	ND	ND	ND	ND	ND	ND	0.0844
	3/6/1991		0.0450	0.0260	0.0015	ND	ND	ND	ND	ND	ND	0.0725
	5/3/1991		0.0420	0.0230	0.0010	ND	ND	ND	ND	ND	ND	0.0660
	8/19/1991	(54)	0.0510	0.0250	ND	ND	ND	ND	ND	ND	ND	0.0813
	12/5/1991		0.0510	0.0260	0.0011	ND	ND	ND	ND	ND	ND	0.0781
	3/2/1992		0.0590	0.0290	ND	ND	ND	ND	ND	ND	ND	0.0880
	5/21/1992		0.0420	0.0390	ND	ND	ND	ND	ND	ND	ND	0.0810
	8/26/1992		0.0450	0.0180	ND	ND	ND	ND	ND	ND	ND	0.0630
	11/19/1992		0.0400	0.0210	ND	ND	ND	ND	ND	ND	ND	0.0610
	3/1/1993		0.0450	0.0330	ND	ND	ND	ND	ND	ND	ND	0.0780
	5/14/1993		0.0420	0.0290	ND	ND	ND	ND	ND	ND	ND	0.0710
	8/20/1993		0.0530	0.0320	ND	ND	ND	ND	ND	ND	ND	0.0850
	8/20/1993		0.0480	0.0300	ND	ND	ND	ND	ND	ND	ND	0.0780
	11/17/1993	(93)	0.0380	0.0260	ND	ND	ND	ND	ND	ND	ND	0.0687
	11/18/1994		0.0310	0.0220	ND	ND	ND	ND	ND	ND	ND	0.0530
	11/14/1995		0.0290	0.0210	ND	ND	ND	0.0010	ND	ND	ND	0.0510
	11/18/1996		0.028	0.026	ND	ND	ND	0.0098	ND	ND	ND	0.0638
	11/17/1997		0.029	0.034	ND	ND	ND	0.0009	ND	ND	ND	0.0639
	12/3/1998		0.0279	0.0212	ND	ND	ND	0.00126	ND	ND	ND	0.0504
	12/9/1999		0.0224	0.0275	ND	ND	ND	0.00092	ND	ND	ND	0.0508
	12/4/2000		0.0201	0.0348	ND	ND	ND	0.00092	ND	ND	ND	0.0567
	12/4/2000		0.0200	0.0369	ND	ND	ND	0.00082	ND	ND	ND	0.0585
	11/20/2001		0.0210	0.0330	ND	ND	ND	ND	ND	ND	ND	0.0540
	11/14/2002		0.0190	0.0340	ND	ND	ND	ND	ND	ND	ND	0.0530
Well 23	2/6/1986		0.0700	0.6200	0.0070	0.0010	0.0010	ND	ND	ND	ND	0.6990
	2/28/1986	(3)	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0840
	4/18/1988		0.0530	ND	0.0015	0.0007	0.0250	0.0013	ND	ND	ND	0.0815
	3/16/1989		0.0019	0.0390	0.0014	ND	ND	ND	ND	ND	ND	0.0423
	3/16/1989		0.0025	0.0410	0.0017	ND	ND	ND	ND	ND	ND	0.0452
	6/23/1989		0.0074	0.2100	ND	ND	ND	ND	ND	ND	ND	0.2174
	9/21/1989		0.0060	0.1400	ND	ND	ND	ND	ND	ND	ND	0.1460
Well 23	12/20/1989	+	0.0063	0.0270	0.0008	ND	ND	ND	ND	ND	ND	0.0341
	4/2/1990		0.0056	0.0720	0.0008	0.0005	ND	ND	ND	ND	<0.003	0.0789
	6/4/1990		0.0040	0.0140	ND	ND	ND	ND	ND	ND	0.0011	0.0191
	8/29/1990		ND	0.0058	ND	ND	ND	ND	ND	ND	ND	0.0058
	8/29/1990		ND	0.0062	ND	ND	ND	ND	ND	ND	ND	0.0062
	12/4/1990		ND	0.0130	ND	ND	ND	ND	ND	ND	0.0007	0.0137
	3/7/1991		0.0014	0.0099	ND	ND	ND	ND	ND	ND	0.0006	0.0119
	5/1/1991		ND	0.0015	ND	ND	ND	ND	ND	ND	ND	0.0015
	8/15/1991		ND	ND	ND	ND	ND	0.0059	ND	ND	ND	0.0059
	8/15/1991	(52)	ND	ND	ND	ND	ND	ND	ND	ND	0.0057	0.0134
	9/3/1991		ND	ND	ND	ND	ND	ND	ND	ND	0.0050	0.0050
	12/9/1991	(60)	ND	ND	ND	ND	ND	ND	ND	ND	ND*	ND
	2/26/1992		ND	ND	ND	ND	ND	ND	ND	ND	0.0039	0.0039
	5/20/1992		ND	ND	ND	ND	ND	ND	ND	ND	0.0027	0.0027
	8/20/1992		ND	ND	ND	ND	ND	ND	ND	ND	0.0070	0.0070
	11/19/1992	(80)	ND	ND	ND	ND	ND	ND	ND	ND	0.0120	0.0127
	2/24/1993		0.0016	ND	ND	ND	ND	ND	ND	ND	0.0018	0.0034
	5/14/1993		0.0007	ND	ND	ND	ND	ND	ND	ND	0.0073	0.0080
	8/20/1993		ND	ND	ND	ND	ND	ND	ND	ND	0.0014	0.0014
	11/18/1993		0.0008	0.0023	ND	ND	ND	ND	ND	ND	0.0005	0.0036
	11/21/1994		ND	ND	ND	ND	ND	ND	ND	ND	0.0030	0.0030
	11/15/1995		0.0006	ND	ND	ND	ND	ND	ND	ND	0.0009	0.0015
	11/18/1996		0.0006	ND	ND	ND	ND	ND	ND	ND	0.0020	0.0026
	11/17/1997		0.0008	0.0007	ND	ND	ND	ND	ND	ND	0.0009	0.0024
	12/3/1998		0.0027	0.00156	ND	ND	ND	ND	ND	ND	ND	0.0042
	12/9/1999		0.0045	0.00417	ND	ND	ND	ND	ND	ND	ND	0.0086
	12/4/2000		0.0037	0.00203	ND	ND	ND	ND	ND	ND	0.0008	0.0065
Well 23	11/21/2001		0.0050	0.00160	ND	ND	ND	ND	ND	ND	ND	0.0066
	11/14/2002	(275)	0.0031	0.00140	ND	ND	ND	ND	ND	ND	ND	0.0045
	12/19/2003	(360)	0.0066	0.00430	ND	ND	ND	ND	ND	ND	ND	0.0109
	12/6/2004		0.0057	0.0044	ND	ND	ND	ND	ND	ND	0.0005J	0.0106
	11/3/2005		0.0028	0.0012	ND	ND	ND	ND	ND	ND	0.0013	0.0053
	12/8/2006		0.0011	0.0006	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0012	0.0029
	11/5/2007		0.0034	0.0040	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0004J	0.0078
	11/6/2008	(704)	0.0077	0.0150	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0003J	0.0234
	11/11/2009	(722)	0.0084	0.0190	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	0.0281
	12/17/2010	(767)	0.0084	0.0140	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	0.0008	0.0238
	11/17/2011	(814)	0.0130	0.0270	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	0.0002J	0.4090

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
	11/28/2012	(864)	0.0110	0.0220	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0007	0.0346
	11/6/2013	(904)	0.0180	0.0360	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	0.0550
	12/6/2014	(946)	0.0046	0.0057	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0003J	0.0109
24S	9/3/1986		0.0049	ND	ND	ND	ND	ND	ND	ND	ND	0.0049
	10/20/1986		0.0047	ND	ND	ND	ND	0.0014	ND	ND	ND	0.0061
	10/20/1986	(4)	0.0070	ND	ND	ND	ND	ND	ND	ND	ND	0.0230
	10/22/1986		0.0050	ND	ND	ND	ND	0.0013	ND	ND	ND	0.0063
	7/22/1987		0.0073	ND	ND	ND	ND	0.0025	ND	ND	ND	0.0098
	12/16/1987		0.0053	ND	ND	ND	ND	ND	ND	ND	ND	0.0053
	6/15/1988		0.0031	0.0003	ND	ND	ND	ND	ND	ND	ND	0.0034
	12/20/1988		0.0057	ND	ND	ND	ND	0.0021	ND	ND	ND	0.0078
	3/16/1989		ND	ND	ND	ND	ND	0.0015	0.0047	ND	ND	0.0062
	9/19/1989		0.0044	ND	ND	ND	ND	0.0016	ND	ND	ND	0.0060
	3/28/1990		0.0047	ND	ND	ND	ND	0.0014	ND	ND	ND	0.0061
	8/27/1990		0.0048	ND	ND	ND	ND	0.0015	ND	ND	ND	0.0063
	2/1/1991		0.0051	ND	ND	ND	ND	0.0014	ND	ND	ND	0.0065
	8/16/1991		0.0046	ND	ND	ND	ND	ND	ND	ND	ND	0.0046
	2/24/1992		0.0036	ND	ND	ND	ND	ND	ND	ND	ND	0.0036
	8/20/1992		0.0047	ND	ND	ND	ND	ND	ND	ND	ND	0.0047
	2/24/1993		0.0048	ND	ND	ND	ND	ND	ND	ND	ND	0.0048
	8/20/1993		0.0040	ND	ND	ND	ND	ND	ND	ND	ND	0.0040
	11/16/1994		0.0035	ND	ND	ND	ND	ND	ND	ND	ND	0.0035
	11/15/1995	(107)	0.0035	ND	ND	ND	ND	ND	ND	ND	ND	0.0040
	11/14/1996	(116)	0.0039	ND	ND	ND	ND	ND	ND	ND	ND	0.0046
	11/14/1996	(117)	0.0039	ND	ND	ND	ND	ND	ND	ND	ND	0.0046
	11/13/1997		0.0044	ND	ND	ND	ND	0.0006	ND	ND	ND	0.0050
	11/13/1997	(125)	0.0043	ND	ND	ND	ND	0.0007	ND	ND	ND	0.0056
	12/2/1998	(146)	0.00348	ND	ND	ND	ND	0.00054	ND	ND	ND	0.0047
	12/6/1999		0.00324	ND	ND	ND	ND	ND	ND	ND	ND	0.0032
	12/5/2000	(178)	0.0032	ND	ND	ND	ND	0.00062	ND	ND	ND	0.0052
	11/20/2001	(205)	0.0025	ND	ND	ND	ND	ND	ND	ND	ND	0.0033
	11/12/2002	(265)	0.0026	ND	ND	ND	ND	ND	ND	ND	ND	0.0032
	12/16/2003	(344)	0.0031	ND	ND	ND	ND	ND	ND	ND	ND	0.0031
	12/6/2004	(438)	0.0035	ND	ND	ND	ND	ND	ND	ND	ND	0.0044
	11/3/2005	(530)	0.0033	ND	ND	ND	ND	ND	ND	ND	ND	0.0043
	12/7/2006	(599)	0.0026	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	0.0035
24S	11/2/2007	(633)	0.0027	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	0.0035
	11/7/2008	(682)	0.0023	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	0.0031
	11/16/2009	(730)	0.0025	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	0.0033
	12/14/2010	(768)	0.0020	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	0.0028
	11/17/2011	(815)	0.0020	<0.0005	<0.0005	<0.0005	0.0002J	<0.005	<0.0005	<0.0005	<0.0005	0.0037
	11/29/2012	(865)	0.0020	0.0003J	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	0.0032
	11/7/2013	(905)	0.0020	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	0.0031
	12/4/2014	(941)	0.0024	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0003J	0.0034
24I	9/3/1986		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/20/1986		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/20/1986		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/22/1986		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/21/1987		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/16/1987		0.0015	ND	ND	ND	ND	ND	ND	ND	ND	0.0015
	6/15/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/20/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/16/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/19/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/22/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/31/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/1/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/14/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/24/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/20/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/24/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/20/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/16/1994		ND	ND	ND	ND	ND	ND	ND	ND	0.0071	0.0071
	11/15/1995		ND	ND	ND	ND	ND	ND	ND	ND	0.00052	0.0005
	11/15/1995		ND	ND	ND	ND	ND	ND	ND	ND	0.00055	0.0006
	11/14/1996		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/13/1997		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/2/1998		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/2/1998		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
	12/6/1999		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/5/2000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/5/2000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/20/2001		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/12/2002		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/12/2002		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/16/2003	(343)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/6/2004		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/3/2005		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/7/2006		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	ND
	11/2/2007		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	ND
	11/7/2008		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	ND
	11/11/2009		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
	11/11/2009		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
	12/14/2010		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
	11/17/2011	(816)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	0.0003
	11/28/2012		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	ND
	11/7/2013		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	ND
	12/4/2014	(940)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	0.0003 J
27I	9/10/1986		3.5000	0.0110	ND	0.0023	ND	0.3500	ND	ND	ND	3.8633
	10/21/1986		2.5000	ND	ND	0.0014	ND	0.3200	0.0013	ND	ND	2.8227
	10/21/1986		2.4000	ND	ND	0.0014	ND	0.3000	0.0013	ND	0.0013	2.7040
	10/21/1986		3.4000	ND	ND	ND	ND	0.3000	ND	ND	0.0012	3.7012
	10/21/1986		3.5000	ND	ND	ND	ND	0.4000	ND	ND	0.0040	3.9040
	10/22/1986		3.8000	0.0190	ND	0.0027	ND	0.2600	ND	ND	0.0016	4.0833
	3/20/1989		3.3000	0.0078	ND	ND	ND	0.2500	ND	ND	ND	3.5578
	6/16/1989		3.5000	ND	ND	ND	ND	0.2200	ND	ND	ND	3.7200
	9/22/1989		2.6000	0.0085	ND	ND	ND	0.2400	ND	ND	ND	2.8485
	9/22/1989		2.8000	0.0083	ND	ND	ND	0.2500	ND	ND	ND	3.0583
	12/22/1989		2.3000	0.0680	ND	ND	ND	0.2600	ND	ND	ND	2.6280
	3/28/1990		1.7000	0.0058	ND	ND	ND	0.1200	ND	ND	ND	1.8258
	6/6/1990		0.6900	ND	ND	ND	ND	0.0400	ND	ND	ND	0.7300
	8/28/1990		0.7000	0.0045	ND	0.0008	ND	0.0250	ND	ND	ND	0.7303
	12/4/1990		0.6600	ND	ND	ND	ND	0.0380	ND	ND	ND	0.6980
	12/4/1990		0.7700	0.0056	ND	ND	ND	0.0510	ND	ND	ND	0.8266
	3/7/1991		1.8000	0.0083	ND	ND	ND	0.0940	ND	ND	ND	1.9023
	3/7/1991		2.1000	0.0063	ND	ND	ND	0.1200	ND	ND	ND	2.2263
	5/6/1991		1.1000	ND	ND	ND	ND	0.0520	ND	ND	ND	1.1520
	5/6/1991		1.2000	ND	ND	ND	ND	0.0680	ND	ND	ND	1.2680
	8/21/1991		2.4000	ND	ND	ND	ND	ND	ND	ND	ND	2.4000
27I	8/21/1991		2.2000	ND	ND	ND	ND	ND	ND	ND	ND	2.2000
	12/5/1991		2.8000	ND	ND	ND	ND	ND	ND	ND	ND	2.8000
	3/2/1992	(67)	2.1000	ND	ND	ND	ND	ND	ND	ND	ND	2.1000
	3/2/1992	(68)	2.5000	ND	ND	ND	ND	ND	ND	ND	ND	2.5000
	5/27/1992		1.7000	ND	ND	ND	ND	ND	ND	ND	ND	1.7000
	5/27/1992		1.6000	ND	ND	ND	ND	ND	ND	ND	ND	1.6000
	8/27/1992		0.2600	ND	ND	ND	ND	ND	ND	ND	ND	0.2600
	8/27/1992		0.3500	ND	ND	ND	ND	ND	ND	ND	ND	0.3500
	11/23/1992		1.6000	ND	ND	ND	ND	ND	ND	ND	ND	1.6000
	11/23/1992		1.5000	ND	ND	ND	ND	ND	ND	ND	ND	1.5000
	3/5/1993		0.3100	ND	ND	ND	ND	ND	ND	ND	ND	0.3100
	3/5/1993		0.3100	ND	ND	ND	ND	ND	ND	ND	ND	0.3100
	5/17/1993		1.9000	ND	ND	ND	ND	ND	ND	ND	ND	1.9000
	5/17/1993		1.9000	ND	ND	ND	ND	ND	ND	ND	ND	1.9000
	8/23/1993		1.9000	ND	ND	ND	ND	ND	ND	ND	ND	1.9000
	11/19/1993		1.7000	ND	ND	ND	ND	ND	ND	ND	ND	1.7000
	11/21/1994		0.9200	ND	ND	ND	ND	ND	ND	ND	ND	0.9200
	11/21/1994		1.1000	ND	ND	ND	ND	ND	ND	ND	ND	1.1000
	11/17/1995		0.0800	0.0030	ND	ND	ND	ND	ND	ND	ND	0.0830
	11/18/1996		0.310	ND	ND	ND	ND	ND	ND	ND	ND	0.3100
	11/18/1997		0.450	ND	ND	ND	ND	ND	ND	ND	ND	0.4500
	11/18/1997		0.430	ND	ND	ND	ND	ND	ND	ND	ND	0.4300
	12/2/1998		0.0882	0.0023	ND	ND	ND	ND	ND	ND	ND	0.0905
	12/8/1999		0.2410	ND	ND	ND	ND	ND	ND	ND	ND	0.2410
	12/20/2000		0.0525	0.0099	ND	ND	ND	ND	ND	ND	ND	0.0624
	12/20/2000		0.0515	0.0106	ND	ND	ND	ND	ND	ND	ND	0.0621
	11/21/2001		0.2300	0.0026	ND	ND	ND	ND	ND	ND	ND	0.2326
	11/21/2001		0.2300	0.0029	ND	ND	ND	ND	ND	ND	ND	0.2329
	11/12/2002		0.0560	0.0023	ND	ND	ND	ND	ND	ND	ND	0.0583
	12/17/2003	(349)	0.0490	0.0026	ND	ND	ND	ND	ND	ND	ND	0.0516

Table 3-5
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Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
	12/6/2004	(439)	0.0480	0.0059	ND	ND	ND	ND	ND	0.0005J	ND	0.0548
	11/3/2005	(531)	0.0370	0.0067	ND	ND	ND	ND	ND	0.0007	ND	0.0448
	12/7/2006	(601)	0.0280	0.0110	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	0.0025	<0.0005	0.0420
	11/2/2007	(634)	0.0180	0.0110	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	0.0059	<0.0005	0.0353
	11/10/2008	(683)	0.0300	0.0092	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	0.0006	<0.0005	0.0402
	11/10/2008	(703)	0.0310	0.0095	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	0.0004J	<0.0005	0.0413
	11/11/2009	(724)	0.0120	0.0220	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	0.0007	<0.0005	0.0352
	12/14/2010	(769)	0.0270	0.0049	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	0.0322
	11/17/2011		0.0280	0.0047	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	0.0327
	11/28/2012	(866)	0.0099	0.0170	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	0.0327
	11/7/2013		0.0110	0.0078	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	0.0188
	12/10/2014		0.0091	0.0030	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0003J	0.0124
28S	10/21/1986		0.0200	ND	0.0053	ND	ND	0.0170	0.0013	ND	ND	0.0436
	10/21/1986	(5)	0.0340	0.0430	0.0060	ND	0.0020	0.0310	0.0030	ND	ND	0.1500
	10/22/1986		0.0190	0.0190	0.0044	ND	ND	0.0120	ND	ND	0.0014	0.0558
	10/22/1986		0.0240	0.0240	0.0052	0.0012	ND	0.0150	ND	ND	0.0016	0.0710
	7/24/1987		0.0200	0.0300	0.0610	0.0013	ND	0.0150	ND	ND	ND	0.1273
	6/15/1988		0.0190	0.0210	0.0021	0.0005	0.0010	0.0350	0.0011	0.0003	0.0006	0.0806
	12/16/1987	(6)	0.0240	0.0340	ND	0.0026	0.0034	0.0120	0.0072	0.0010	0.0030	0.0899
	12/16/1987		0.0290	0.0370	0.0055	ND	0.0023	0.0170	0.0035	ND	ND	0.0943
	12/21/1988		0.0190	0.0240	0.0038	0.0016	0.0017	0.0140	0.0019	ND	0.0008	0.0668
	12/21/1988		0.0210	0.0320	0.0039	0.0016	0.0018	0.0140	0.0024	ND	0.0009	0.0776
	3/16/1989		0.0220	0.0290	0.0021	0.0010	0.0013	0.0120	0.0026	ND	0.0006	0.0706
	6/26/1989		0.0180	0.0190	0.0025	0.0010	0.0013	0.0100	0.0014	ND	0.0017	0.0549
	6/26/1989		0.0220	0.0220	0.0020	0.0009	0.0011	0.0097	0.0015	ND	0.0008	0.0600
	9/20/1989		0.0160	0.0250	0.0027	0.0031	0.0010	0.0062	0.0013	ND	0.0010	0.0563
	12/20/1989	+	0.0200	0.0250	0.0022	0.0012	0.0015	0.0110	0.0026	ND	0.0008	0.0643
	4/2/1990		0.0130	0.0180	0.0017	0.0009	0.0013	0.0081	0.0024	ND	ND	0.0454
	6/5/1990		0.0140	0.0190	0.0013	ND	0.0010	ND	0.0042	ND	0.0007	0.0402
	6/5/1990		0.0160	0.0210	0.0012	ND	0.0010	ND	0.0042	ND	0.0006	0.0440
	8/24/1990		0.0170	0.0150	0.0010	ND	0.0007	0.0022	0.0040	ND	ND	0.0399
	11/27/1990		0.0140	0.0130	0.0017	0.0012	0.0011	0.0062	0.0028	ND	0.0006	0.0406
	2/1/1991		0.0160	0.0120	0.0010	0.0007	0.0005	0.0030	0.0029	ND	ND	0.0361
	5/2/1991		0.0110	0.0072	0.0008	ND	0.0005	0.0017	0.0022	ND	ND	0.0234
	5/2/1991		0.0110	0.0097	0.0008	ND	0.0006	0.0019	0.0021	ND	ND	0.0261
	8/19/1991		0.0076	ND	0.0010	ND	0.0006	ND	0.0013	ND	0.0007	0.0112
	12/4/1991	(59)	0.0120	0.0074	0.0010	ND	0.0009	ND*	0.0027	ND	ND	0.0240
	2/26/1992		0.0130	0.0150	0.0013	ND	0.0006	0.0051	0.0009	ND	ND	0.0358
	5/20/1992		0.0079	0.0120	0.0008	ND	0.0011	0.0030	0.0007	ND	ND	0.0255
	5/20/1992		0.0068	0.0110	0.0006	ND	0.0005	0.0049	0.0007	ND	ND	0.0246
	8/24/1992		0.0130	0.0170	ND	ND	ND	0.0047	0.0005	ND	ND	0.0352
	8/24/1992		0.0150	0.0170	ND	ND	ND	0.0050	0.0006	ND	ND	0.0376
	11/19/1992		0.0160	0.0190	0.0010	ND	0.0005	0.0034	0.0019	ND	ND	0.0418
	3/2/1993		ND	ND	ND	ND	ND	0.0310	ND	ND	ND	0.0310
28S	5/17/1993		0.0150	0.0220	0.0010	ND	ND	0.0023	0.0017	ND	ND	0.0420
	5/17/1993		0.0130	0.0200	0.0010	ND	ND	0.0026	0.0015	ND	ND	0.0381
	8/19/1993		0.0170	0.0220	0.0010	0.0007	0.0007	0.0046	0.0021	ND	0.0010	0.0491
	11/19/1993		0.0160	0.0230	ND	ND	0.0006	0.0019	0.0030	ND	0.0010	0.0455
	11/19/1993		0.0160	0.0240	ND	ND	0.0006	0.0019	0.0029	ND	0.0006	0.0460
	11/18/1994		0.0140	0.0140	ND	ND	ND	0.0009	0.0026	ND	ND	0.0315
	11/15/1995		0.0120	0.0110	ND	ND	ND	0.00092	0.002	ND	ND	0.0259
	11/15/1996		0.011	0.011	ND	ND	ND	0.0019	0.0018	ND	ND	0.0257
	2/13/1997	(119)	0.00990	0.011	ND	ND	0.00065	0.0018	0.0020	ND	ND	0.0259
	2/13/1997		0.011	0.012	ND	ND	0.00065	0.0019	0.0020	ND	ND	0.0276
	5/13/1997		0.011	0.013	ND	ND	0.00078	0.0033	0.0012	ND	ND	0.0293
	8/27/1997		0.011	0.012	ND	ND	ND	0.0018	0.0012	ND	ND	0.0260
	8/27/1997		0.011	0.012	ND	ND	ND	0.0016	0.0012	ND	ND	0.0258
	11/14/1997		0.009	0.012	ND	0.0006	0.00120	0.0037	0.0009	ND	ND	0.0272
	11/14/1997		0.012	0.015	ND	0.0005	ND	0.0032	0.0013	ND	ND	0.0320
28S	2/18/1998		0.011	0.011	ND	0.0006	ND	0.0016	0.0014	ND	ND	0.0256
	12/2/1998		0.00909	0.00645	ND	ND	0.0005	0.00263	0.00127	ND	ND	0.0199
	6/2/1999		0.00962	0.00738	ND	ND	0.0006	0.00288	0.00135	ND	ND	0.0218
	6/2/1999		0.00966	0.00757	ND	ND	0.0006	0.00296	0.00128	ND	ND	0.0220
	12/8/1999		0.00922	0.0111	ND	ND	0.00077	0.00199	0.00095	ND	ND	0.0240
	12/1/2000		0.00425	0.0053	ND	ND	ND	0.00102	0.00057	ND	ND	0.0112
	11/19/2001		0.0087	0.00820	ND	ND	0.00050	ND	0.00120	ND	ND	0.0186
	11/19/2001	(289)	0.0073	0.0083	ND	ND	0.0005	ND	0.00080	ND	ND	0.0169
	11/12/2002		0.00440	0.00420	ND	ND	ND	ND	ND	ND	ND	0.0086
	12/17/2003	(348)	0.00590	0.00860	ND	ND	0.0008	ND	ND	ND	ND	0.0153
	12/17/2003	(352)	0.00610	0.00870	ND	ND	0.0008	ND	ND	ND	ND	0.0156

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
	12/17/2003	(352)	0.0061	0.0087	ND	ND	0.0008	ND	ND	ND	ND	0.0156
	12/6/2004	(458)	0.0061	0.0074	ND	0.0006	0.0007	0.0029J	0.0006	ND	ND	0.0186
	11/3/2005	(539)	0.0058	0.0062	ND	0.0004J	0.0006	ND	0.0005J	ND	ND	0.0138
	12/8/2006	(606)	0.0064	0.0075	<0.0005	0.0004J	0.0008	0.0031J	0.0006	<0.0005	<0.0005	0.0191
	11/1/2007		0.0047	0.0061	<0.0005	0.0003J	0.0006	<0.0050	0.0004J	<0.0005	<0.0005	0.0121
	11/6/2008		0.0057	0.0069	<0.0005	0.0005J	0.0006	<0.0050	0.0005	<0.0005	<0.0005	0.0142
	11/13/2009	(731)	0.0058	0.0064	<0.0005	0.0004J	0.0006	<0.005	0.0005J	<0.0005	<0.0005	0.0140
	12/16/2010	(770)	0.0049	0.0042	<0.0005	0.0006	0.0007	<0.005	0.0004J	<0.0005	<0.0005	0.0111
	11/16/2011	(817)	0.0048	0.0054	<0.0005	0.0003J	0.0005	<0.005	0.0003J	<0.0005	0.0001J	0.0136
	11/11/2013	(906)	0.0040	0.0043	<0.0005	0.0003J	0.0005	0.0019J	0.0004J	<0.0005	<0.0005	0.0124
	12/6/2014	(947)	0.0047	0.0061	<0.0005	0.0004J	0.0006	0.0037	0.0004J	<0.0005	<0.0005	0.0164
28I	10/21/1986		0.0047	ND	ND	ND	ND	0.0011	ND	ND	ND	0.0058
	10/21/1986		0.0100	ND	ND	ND	ND	ND	ND	ND	ND	0.0100
	10/22/1986		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/24/1987		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/15/1988		ND	0.0044	ND	ND	ND	ND	ND	ND	ND	0.0044
	12/21/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4/18/1988		ND	ND	ND	ND	ND	ND	ND	ND	0.0002	0.0002
	3/16/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/15/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/20/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/14/1989	+	ND	0.0023	ND	ND	ND	ND	ND	ND	ND	0.0023
	4/2/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/24/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/27/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/1/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/2/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/15/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/4/1991		ND	ND	ND	ND	ND	0.0014	ND	ND	ND	0.0014
	2/26/1992	(64)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/20/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/21/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/19/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/2/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/17/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/19/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/19/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/18/1994		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/15/1995		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/15/1996		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/13/1997		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/13/1997		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/27/1997		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/14/1997		ND	ND	ND	ND	ND	0.0005	ND	ND	ND	0.0005
	2/18/1998		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/2/1998		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/2/1999		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/8/1999		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
28I	12/1/2000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/19/2001		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/12/2002		ND	ND	ND	ND	ND	ND	ND	ND	0.0011	0.0011
	12/17/2003		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/6/2004		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/3/2005		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/8/2006		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	ND
	11/1/2007	(635)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	0.0015
	11/6/2008		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	ND
	11/13/2009		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
	12/16/2010		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
	11/16/2011	(818)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	0.0009	0.0023
	11/11/2013		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
	12/6/2014		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
29S	10/21/1986		0.0310	ND	ND	ND	ND	ND	ND	ND	ND	0.0310
	10/21/1986		0.0530	0.0140	ND	ND	ND	ND	ND	ND	ND	0.0670
	10/22/1986		0.0410	ND	0.0011	ND	ND	ND	ND	ND	ND	0.0421
	7/21/1987		0.0330	ND	ND	ND	ND	ND	ND	ND	ND	0.0330
	12/15/1987		0.0310	ND	ND	0.0041	ND	ND	ND	ND	ND	0.0351
	6/14/1988		0.1700	0.0058	0.0004	ND	ND	ND	ND	ND	0.0003	0.1765
	12/20/1988		0.0230	0.0064	0.0006	ND	ND	0.0012	ND	ND	ND	0.0312

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
	12/20/1988		0.0250	0.0064	0.0006	ND	ND	0.0014	ND	ND	ND	0.0334
	3/15/1989		0.0220	0.0054	ND	ND	ND	ND	ND	ND	ND	0.0274
	6/23/1989		0.0230	0.0079	0.0006	ND	ND	ND	ND	ND	ND	0.0315
	9/27/1989		0.0210	0.0060	ND	ND	ND	ND	ND	ND	ND	0.0270
	12/19/1989	+	0.0180	0.0096	ND	ND	ND	ND	ND	ND	ND	0.0276
	3/26/1990		0.0160	0.0058	ND	ND	ND	ND	ND	ND	ND	0.0218
	10/9/1990		0.0290	0.0081	ND	ND	ND	ND	ND	ND	ND	0.0371
	11/28/1990		0.0220	0.0100	ND	ND	ND	ND	ND	ND	ND	0.0320
	3/7/1991		0.0180	0.0100	ND	ND	ND	ND	ND	ND	ND	0.0280
	5/3/1991		0.0200	0.0055	ND	ND	ND	ND	ND	ND	ND	0.0255
	8/16/1991		0.0240	0.0070	0.0006	ND	ND	ND	ND	ND	0.0006	0.0322
	12/9/1991	(63)	0.0270	0.0140	ND	ND	ND	ND	ND	ND	ND*	0.0410
	3/2/1992		0.0320	0.0100	ND	ND	ND	ND	ND	ND	ND	0.0420
	5/21/1992		0.0230	0.0048	ND	ND	ND	ND	ND	ND	ND	0.0278
	8/25/1992		0.0340	0.0093	ND	ND	ND	ND	ND	ND	ND	0.0433
	11/18/1992		0.0230	0.0086	ND	ND	ND	ND	ND	ND	ND	0.0316
	2/26/1993		0.0260	0.0070	ND	ND	ND	ND	ND	ND	ND	0.0330
	5/13/1993		0.0200	0.0046	ND	ND	ND	ND	ND	ND	ND	0.0246
	8/23/1993		0.0200	0.0055	ND	ND	ND	ND	ND	ND	ND	0.0255
	11/16/1993		0.0130	0.0036	ND	ND	ND	ND	ND	ND	ND	0.0166
	11/21/1994		0.0140	0.0032	ND	ND	ND	ND	ND	ND	ND	0.0172
	11/20/1995		0.0110	0.0028	ND	ND	ND	ND	ND	ND	ND	0.0138
	11/19/1996		0.010	0.0028	ND	ND	ND	ND	ND	ND	ND	0.0128
	11/18/1997		0.0082	0.0024	ND	ND	ND	ND	ND	ND	ND	0.0106
	12/7/1998		0.00718	0.001	ND	ND	ND	ND	ND	ND	ND	0.0082
	12/6/1999		0.0074	0.0019	ND	ND	ND	ND	ND	ND	ND	0.0094
	12/6/2000		0.0069	0.0038	ND	ND	ND	ND	ND	ND	ND	0.0106
	11/30/2001		0.0065	0.0021	ND	ND	ND	ND	ND	ND	ND	0.0086
	11/18/2002		0.0066	0.0027	ND	ND	ND	ND	ND	ND	ND	0.0093
29I	10/21/1986		0.0460	ND	ND	ND	ND	0.0012	ND	ND	0.0010	0.0482
	10/21/1986		0.1100	0.0420	ND	ND	ND	ND	ND	ND	ND	0.1520
	10/22/1986		0.0530	0.0190	ND	ND	ND	ND	ND	ND	ND	0.0720
	7/21/1987		0.0490	0.0210	ND	ND	ND	ND	ND	ND	ND	0.0700
	7/21/1987		0.0420	0.0210	ND	ND	ND	ND	ND	ND	ND	0.0630
	12/15/1987		0.0520	0.0220	ND	ND	ND	ND	ND	ND	ND	0.0740
	6/14/1988		0.4500	0.0180	0.0005	ND	ND	ND	0.0010	ND	ND	0.4695
	6/14/1988	(7)	0.0560	0.0200	0.0007	ND	ND	ND	0.0013	ND	ND	1.6763
	12/20/1988		0.0520	0.0220	0.0008	ND	ND	ND	0.0018	ND	ND	0.0766
	3/17/1989		0.0510	0.0180	0.0006	ND	ND	ND	0.0013	ND	ND	0.0709
	6/22/1989		0.0880	0.0190	ND	ND	ND	ND	0.0012	ND	ND	0.1080
	9/27/1989		0.0420	0.0200	0.0006	ND	ND	ND	0.0015	ND	ND	0.0641
	12/19/1989		0.0290	0.0140	0.0007	ND	ND	ND	0.0016	ND	ND	0.0453
	3/26/1990		0.0410	0.0200	0.0009	ND	ND	ND	0.0018	ND	ND	0.0637
	10/9/1990		0.0420	0.0150	ND	ND	ND	ND	0.0011	ND	ND	0.0581
	11/28/1990		0.0330	0.0180	0.0005	ND	ND	ND	0.0013	ND	ND	0.0528
	3/7/1991		0.0370	0.0190	0.0005	ND	ND	ND	0.0015	ND	ND	0.0580
	5/3/1991		0.0360	0.0150	ND	ND	ND	ND	0.0013	ND	ND	0.0523
	8/16/1991		0.0400	0.0170	0.0008	ND	ND	ND	0.0013	ND	ND	0.0591
	12/9/1991		0.0600	0.0230	ND	ND	ND	ND	0.0023	ND	ND	0.0853
	3/2/1992		0.0520	0.0180	ND	ND	ND	ND	ND	ND	ND	0.0700
	5/21/1992		0.0330	0.0130	ND	ND	ND	ND	ND	ND	ND	0.0460
	8/25/1992		0.0420	0.0140	ND	ND	ND	ND	ND	ND	ND	0.0560
29I	11/18/1992		0.0350	0.0150	ND	ND	ND	ND	0.0012	ND	ND	0.0512
	11/18/1992		0.0370	0.0140	ND	ND	ND	ND	0.0012	ND	ND	0.0522
	2/26/1993		0.0370	0.0160	ND	ND	ND	ND	ND	ND	ND	0.0530
	5/13/1993		0.0390	0.0170	ND	ND	ND	ND	0.0013	ND	ND	0.0573
	5/13/1993		0.0380	0.0170	ND	ND	ND	ND	0.0012	ND	ND	0.0562
	8/23/1993	(82)	0.0380	0.0180	ND	ND	ND	ND	0.0015	ND	ND	0.0587
	11/16/1993	(94)	0.0280	0.0120	ND	ND	ND	ND	0.0010	ND	ND	0.0416
29I	11/21/1994		0.0310	0.0130	ND	ND	ND	ND	0.0010	ND	ND	0.0450
	11/20/1995	(103)	0.0300	0.0140	ND	ND	ND	ND	0.0010	ND	ND	0.0456
	11/19/1996		0.0040	0.0015	ND	ND	ND	ND	ND	ND	ND	0.0055
	11/18/1997		0.0140	0.0059	ND	ND	ND	ND	ND	ND	ND	0.0199
	12/7/1998	(150)	0.0231	0.00604	ND	ND	ND	ND	0.00101	ND	0.00057	0.0315
	12/7/1998	(151)	0.0244	0.00641	ND	ND	ND	ND	0.00111	ND	ND	0.0328
	12/6/1999	(157)	0.0208	0.00741	ND	ND	ND	ND	0.00092	ND	0.00057	0.0305
	12/6/2000		0.0015	0.00074	ND	ND	ND	ND	ND	ND	ND	0.0031
	11/30/2001		0.0065	0.0035	ND	ND	ND	ND	ND	ND	ND	0.0100
	11/18/2002	(287)	0.0021	0.0099	ND	ND	ND	ND	0.0006	ND	ND	0.0132

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
30S	10/21/1986		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/21/1986		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/22/1986		0.0032	ND	ND	ND	ND	ND	ND	ND	ND	0.0032
	7/24/1987		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/24/1987		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/14/1987		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/14/1988		ND	ND	ND	ND	0.0005	ND	ND	ND	ND	0.0005
	12/20/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/16/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/20/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4/2/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/21/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/30/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/14/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/24/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/20/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/24/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/19/1993	(86)	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0022
	11/18/1994		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/15/1995		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/14/1996		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/13/1997		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/1/1998		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/1/1998		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/8/1999		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/1/2000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/1/2000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/19/2001		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/12/2002		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/2/2007		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	ND
	11/7/2008	(684)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	0.0003
	11/11/2009	(726)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	0.0004J
	12/14/2010	(771)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	0.0003
	11/16/2011	(819)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	0.0005J
	11/28/2012		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	ND
	11/7/2013	(907)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	0.0003
	12/6/2014	(948)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	0.0003 J
30I	10/21/1986		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/21/1986		0.0020	ND	ND	ND	ND	ND	ND	ND	ND	0.0020
	10/22/1986		0.0046	ND	ND	ND	ND	ND	ND	ND	ND	0.0046
	12/14/1987		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/15/1988		ND	0.0003	ND	ND	ND	ND	ND	ND	ND	0.0003
	12/20/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/16/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/20/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/22/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/21/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/30/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/15/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/24/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/20/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/24/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/19/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/18/1994		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/15/1995		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/14/1996		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
30I	11/13/1997		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/1/1998		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/3/1999		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
30I	12/1/2000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/19/2001		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/12/2002		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/2/2007		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	ND
	11/7/2008		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	ND
	11/11/2009		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
	12/14/2010		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
	11/16/2011	(820)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
	11/16/2011	(821)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
	11/28/2012		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	ND
	11/7/2013		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	ND

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
	12/6/2014		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	ND
NB1I	9/2/1992		0.0440	0.0510	ND	ND	ND	ND	ND	ND	ND	0.0950
NB2	9/2/1992		1.0000	0.1400	ND	ND	ND	ND	ND	ND	ND	1.1400
NB3I	9/2/1992		0.1500	0.0310	ND	ND	ND	ND	ND	ND	ND	0.1810
NB4	9/2/1992		ND	0.0530	ND	ND	ND	ND	ND	ND	ND	0.0530
NB5	7/28/1992		0.7800	0.1600	ND	ND	ND	ND	ND	ND	ND	0.9400
NB6	7/28/1992		0.7200	0.1900	ND	ND	ND	ND	ND	ND	ND	0.9100
NB13I	10/10/1989		0.2600	ND	ND	0.0340	ND	ND	ND	ND	ND	0.2940
	3/28/1990		0.1400	0.0009	ND	ND	ND	0.0160	ND	ND	ND	0.1569
	6/6/1990		0.1800	ND	ND	ND	ND	0.0270	ND	ND	ND	0.2070
	6/6/1990		0.1900	ND	ND	ND	ND	0.0280	ND	ND	ND	0.2180
NB14	10/10/1989		0.0680	0.0079	0.0006	0.0041	0.0020	0.0033	0.0170	ND	ND	0.1029
	3/28/1990		0.1100	0.0140	ND	0.0200	0.0100	0.0068	0.0210	ND	ND	0.1818
	6/6/1990		0.2400	0.0160	ND	0.0094	0.0053	0.0160	0.0190	ND	ND	0.3057
NB15	7/23/1991		0.8100	0.0230	ND	ND	ND	0.0080	0.2900	ND	ND	1.1310
NB-25	11/2/2007	(653)	0.0230	0.0350	<0.0005	<0.0005	0.0003J	<0.0050	<0.0005	0.0004J	<0.0005	0.0592
	11/10/2008	(685)	0.0310	0.0520	<0.0005	<0.0005	0.0004J	<0.0050	<0.0005	0.0005J	<0.0005	0.0844
	11/11/2009	(723)	0.0330	0.0590	<0.0005	<0.0005	0.0004J	<0.005	<0.0005	0.0005J	<0.0005	0.0936
	12/14/2010	(772)	0.0260	0.0430	<0.0005	<0.0005	0.0003J	<0.005	<0.0005	0.0006	<0.0005	0.0703
	11/17/2011		0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	0.0005
	11/28/2012		0.0017	0.0044	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	0.0061
	11/11/2013		0.0010	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	0.0010
	12/6/2014		0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	0.0001
NB-26I	11/6/2007		0.0003J	0.0007	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	0.0010
	11/11/2008		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0003J	0.0003
	11/12/2009		0.0005J	0.0010	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	0.0015
	12/15/2010		0.0008	0.0013	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	0.0021
	11/17/2011	(822)	0.0190	0.0230	<0.0005	<0.0005	0.0002J	<0.005	<0.0005	<0.0005	<0.0005	0.0425
	11/28/2012	(867)	0.0130	0.0180	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	0.0003J	0.0008	0.0325
	11/11/2013		0.0120	0.0160	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	0.0003J	0.0003J	0.0286
	12/6/2014		0.013	0.022	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	0.0003J	0.0003J	0.0356
NC1S	9/21/1989		0.0160	0.0150	ND	ND	ND	ND	ND	ND	ND	0.0310
	12/22/1989		0.0260	0.0110	ND	ND	ND	ND	ND	ND	ND	0.0370
	4/5/1990		0.0170	0.0057	ND	ND	ND	ND	ND	ND	ND	0.0227
	6/1/1990		0.0250	0.0057		ND	ND	ND	ND	ND	ND	0.0307
	8/23/1990	(22)	0.0026	0.0071	ND	ND	ND	ND	ND	ND	ND	0.0166
	11/30/1990	(32)	0.0150	ND	ND	ND	ND	ND	ND	ND	ND	0.0219
	2/5/1991		0.0170	0.0063	ND	ND	ND	ND	ND	ND	ND	0.0233
	5/1/1991		0.0120	0.0053	0.0008	ND	0.0007	ND	ND	ND	ND	0.0188
	8/22/1991		0.0180	0.0062	ND	ND	ND	ND	ND	ND	ND	0.0242
	12/4/1991		0.0220	0.0068	ND	ND	ND	ND	ND	ND	ND	0.0288
	2/27/1992		0.0180	0.0080	ND	ND	ND	ND	ND	ND	ND	0.0260
	5/20/1992		0.0180	0.0060	ND	ND	ND	ND	ND	ND	ND	0.0240
	8/24/1992		0.0170	0.0060	ND	ND	ND	ND	ND	ND	ND	0.0230
	11/20/1992		0.0190	0.0070	ND	ND	ND	ND	ND	ND	ND	0.0260
	3/1/1993		0.0150	0.0060	ND	ND	ND	ND	ND	ND	ND	0.0210
	5/13/1993		0.0120	0.0050	ND	ND	ND	ND	ND	ND	ND	0.0170
	8/24/1993		0.0130	0.0050	ND	ND	ND	ND	ND	ND	ND	0.0180
	11/18/1993		0.0150	0.0060	ND	ND	ND	ND	ND	ND	ND	0.0210
NC1S	11/17/1994		0.0110	0.0060	ND	ND	ND	ND	ND	ND	ND	0.0170
	11/14/1995		0.0080	0.0070	ND	ND	ND	ND	ND	ND	ND	0.0150
	11/13/1996		0.009	0.009	ND	ND	ND	ND	ND	ND	ND	0.0180
	2/13/1997	(120)	0.0092	0.010	ND	ND	0.0016	ND	ND	0.00084	ND	0.0223
	5/13/1997		0.0091	0.0095	ND	ND	0.0013	ND	ND	ND	ND	0.0205
	5/13/1997		0.009	0.0097	ND	ND	0.0014	ND	ND	ND	ND	0.0210
	8/27/1997		0.011	0.0100	ND	ND	0.0011	ND	ND	ND	ND	0.0221
	11/14/1997		0.008	0.0090	ND	ND	ND	NA	ND	ND	ND	0.0170
	2/18/1998		0.0093	0.0091	ND	ND	0.0010	ND	ND	ND	ND	0.0194
	2/18/1998		0.009	0.009	ND	ND	0.0009	ND	ND	ND	ND	0.0189

Table 3-5
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Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
	12/1/1998		0.00734	0.0051	ND	ND	0.00083	ND	ND	ND	ND	0.0133
	6/2/1999		0.00851	0.0053	ND	ND	0.00095	ND	ND	ND	ND	0.0148
	12/9/1999		0.00788	0.00775	ND	ND	0.00125	0.00051	ND	ND	ND	0.0174
	12/5/2000		0.00836	0.00916	ND	0.00058	0.00151	ND	ND	ND	ND	0.0196
	11/19/2001		0.00890	0.00680	ND	ND	0.00130	ND	ND	ND	ND	0.0170
	11/13/2002	(283)	0.01200	0.00660	ND	ND	0.00130	ND	ND	ND	ND	0.0199
	10/1/2003	(371)	0.00940	0.00790	ND	ND	0.00110	ND	ND	ND	ND	0.0184
	3/31/2004		0.00540	0.00440	ND	ND	0.00060	ND	ND	ND	ND	0.0104
	6/23/2004		0.00850	0.00770	ND	0.00050	0.00100	ND	ND	ND	ND	0.0177
	9/21/2004	(416)	0.0083	0.0084	ND	ND	0.0011	ND	ND	ND	ND	0.0183
	12/1/2004		0.0110	0.0087	ND	0.0007	0.0011	ND	ND	ND	ND	0.0215
	2/9/2005	(465)	0.0080	0.0070	ND	0.0006	0.0010	ND	ND	ND	ND	0.0169
	5/11/2005		0.0083	0.0075	ND	0.0005	0.0009	ND	ND	ND	ND	0.0172
	8/16/2005		0.0080	0.0061	ND	0.0005J	0.0007	ND	ND	ND	ND	0.0153
	11/1/2005		0.0110	0.0096	ND	0.0008	0.0011	ND	ND	ND	ND	0.0225
	3/14/2006		0.0082	0.0074	ND	0.0005	0.0008	ND	ND	ND	ND	0.0169
	5/18/2006		0.0086	0.0078	<0.0005	0.0005J	0.0008	<0.0050	<0.0005	<0.0005	<0.0005	0.0177
	9/20/2006		0.0100	0.0093	<0.0005	0.0006	0.0009	<0.0050	<0.0005	<0.0005	<0.0005	0.0208
	12/5/2006		0.0100	0.0085	<0.0005	0.0005	0.0009	<0.0050	<0.0005	<0.0005	<0.0005	0.0199
	5/21/2007		0.0073	0.0061	<0.0005	0.0005J	0.0006	<0.0050	<0.0005	<0.0005	<0.0005	0.0145
	11/1/2007	(636)	0.0087	0.0067	<0.0005	0.0005	0.0007	<0.0050	<0.0005	<0.0005	<0.0005	0.0185
	6/3/2008		0.0087	0.0073	<0.0005	0.0006	0.0008	<0.0050	<0.0005	<0.0005	<0.0005	0.0174
	11/6/2008		0.0096	0.0072	<0.0005	0.0006	0.0008	<0.0050	<0.0005	<0.0005	<0.0005	0.0182
	5/12/2009		0.0088	0.0052	<0.0005	0.0003J	0.0006	<0.0050	<0.0005	<0.0005	<0.0005	0.0149
	11/16/2009		0.0094	0.0054	<0.0005	0.0006	0.0006	<0.005	<0.0005	<0.0005	<0.0005	0.0160
	5/27/2010		0.0087	0.006	<0.0005	0.0004J	0.0007	<0.005	<0.0005	<0.0005	<0.0005	0.0158
	12/16/2010		0.009	0.0059	<0.0005	0.0004J	0.0008	<0.005	<0.0005	<0.0005	<0.0005	0.0161
	5/19/2011		0.0058	0.0058	<0.0005	0.0003J	0.0008	<0.002	<0.0005	<0.0005	<0.0005	0.0127
	11/18/2011	(823)	0.0088	0.0061	<0.0005	0.0003J	0.0007	<0.005	<0.0005	<0.0005	<0.0005	0.0160
	6/13/2012		0.0084	0.0062	<0.0005	0.0005J	0.0008	<0.005	<0.0005	<0.0005	<0.0005	0.0159
	11/30/2012		0.0004J	0.0003J	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	0.0007
	6/6/2013		0.0043	0.004	<0.0005	0.0003J	0.0008	<0.002	<0.0005	0.0006	<0.0005	0.0100
	11/7/2013		0.0044	0.0026	<0.0005	<0.0005	0.0006	<0.002	<0.0005	0.0026	<0.0005	0.0102
	5/15/2014		0.0046	0.0032	<0.0005	<0.0005	0.0008	<0.002	<0.0005	0.0034	<0.0005	0.0120
	12/4/2014		0.0053	0.0032	<0.0005	0.0003J	0.0006	<0.002	<0.0005	0.0022	<0.0005	0.0116
	7/1/2015		0.0067	0.0045	<0.0005	0.0003 J	0.0005 J	<0.002	<0.0005	0.0003 J	0.0004 J	0.0127
NC2I	5/4/1989		0.0250	0.0070	<0.005	<0.005	<0.005	ND	<0.005	<0.010	<0.005	0.0320
	5/4/1989	(10)	0.0180	0.0053	0.0011	0.0019	0.0005	<0.001	<0.0005	<0.001	0.0005	0.0273
	6/27/1989		0.0160	0.0068	ND	ND	ND	ND	ND	ND	ND	0.0228
	9/20/1989		0.0170	0.0140	ND	ND	ND	ND	ND	ND	ND	0.0310
	12/22/1989		0.0310	0.0120	ND	ND	ND	ND	ND	ND	ND	0.0430
	4/5/1990		0.0230	0.0074	ND	ND	ND	ND	ND	ND	ND	0.0304
	6/1/1990		0.0260	0.0072	ND	ND	ND	ND	ND	ND	ND	0.0332
	8/23/1990	(21)	0.0210	0.0059	ND	ND	ND	ND	0.0110	ND	ND	0.0440
	11/30/1990	(31)	0.0110	ND	ND	ND	ND	ND	ND	ND	ND	0.0186
	2/5/1991		0.0160	0.0054	ND	ND	ND	ND	ND	ND	ND	0.0214
	5/1/1991		0.0110	0.0052	0.0008	ND	0.0008	ND	ND	ND	ND	0.0178
	5/1/1991		0.0110	0.0051	0.0008	ND	0.0008	ND	ND	ND	ND	0.0177
	8/22/1991		0.0130	0.0059	ND	ND	ND	ND	ND	ND	ND	0.0189
	12/4/1991		0.0095	ND	ND	ND	ND	ND	ND	ND	ND	0.0095
	2/27/1992		0.0160	0.0100	ND	ND	ND	ND	ND	ND	ND	0.0260
	5/20/1992		0.0140	0.0070	ND	ND	ND	ND	ND	ND	ND	0.0210
	8/24/1992		0.0090	ND	ND	ND	ND	ND	ND	ND	ND	0.0090
	11/20/1992		0.0140	0.0080	ND	ND	ND	ND	ND	ND	ND	0.0220
	3/1/1993		0.0140	0.0100	ND	ND	ND	ND	ND	ND	ND	0.0240
	5/13/1993		0.0110	0.0090	ND	ND	ND	ND	ND	ND	ND	0.0200
	8/24/1993		0.0120	0.0090	ND	ND	ND	ND	ND	ND	ND	0.0210
	11/18/1993		0.0100	0.0070	ND	ND	ND	ND	ND	ND	ND	0.0170
	11/17/1994		0.0080	0.0080	ND	ND	ND	ND	ND	ND	ND	0.0160
	11/14/1995		0.0120	0.0120	ND	ND	ND	ND	ND	ND	ND	0.0240
	11/13/1996		0.010	0.010	ND	ND	ND	ND	ND	ND	ND	0.0200
	2/13/1997		0.014	0.013	ND	0.00092	0.0020	ND	ND	ND	ND	0.0299
	5/13/1997		0.012	0.011	ND	0.00074	0.0016	ND	ND	ND	ND	0.0253
	8/27/1997		0.014	0.012	ND	0.0005	0.0014	ND	ND	ND	ND	0.0279
NC2I	11/14/1997		0.012	0.008	ND	ND	ND	NA	ND	ND	ND	0.0200
	2/18/1998		0.012	0.0088	ND	0.0006	0.0011	ND	ND	ND	ND	0.0225
	12/1/1998		0.00927	0.00537	ND	0.00069	0.00098	ND	ND	ND	ND	0.0163
	6/2/1999		0.01050	0.00512	ND	0.00075	0.00106	ND	ND	ND	ND	0.0174
	12/9/1999		0.00854	0.00782	ND	0.00068	0.00140	ND	ND	ND	ND	0.0184
	12/5/2000		0.00909	0.00801	ND	0.00100	0.00159	ND	ND	ND	ND	0.0197

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
	11/19/2001		0.00640	0.00420	ND	ND	0.00100	ND	ND	ND	ND	0.0116
	11/13/2002	(282)	0.00670	0.00340	ND	0.00050	0.00070	ND	ND	ND	ND	0.0113
	10/1/2003		0.00830	0.00600	ND	0.00070	0.00110	ND	ND	ND	ND	0.0161
	3/31/2004		0.00660	0.00530	ND	0.00060	0.00100	ND	ND	ND	ND	0.0135
	6/23/2004		0.00820	0.00610	ND	0.00070	0.00120	ND	ND	ND	ND	0.0162
	9/21/2004		0.0092	0.0075	ND	0.0007	0.0014	ND	ND	ND	ND	0.0188
	12/1/2004		0.0110	0.0067	ND	0.0009	0.0013	ND	ND	ND	ND	0.0199
	2/9/2005	(466)	0.0097	0.0062	ND	0.0010	0.0013	ND	ND	ND	ND	0.0185
	5/11/2005		0.0093	0.0062	ND	0.0007	0.0012	ND	ND	ND	ND	0.0174
	8/16/2005		0.0100	0.0058	ND	0.0007	0.0010	ND	ND	ND	ND	0.0175
	11/1/2005		0.0130	0.0082	ND	0.0011	0.0015	ND	ND	ND	ND	0.0238
	3/14/2006		0.0083	0.0059	ND	0.0005	0.0010	ND	ND	ND	ND	0.0157
	5/18/2006		0.0110	0.0069	<0.0005	0.0008	0.0011	<0.0050	<0.0005	<0.0005	<0.0005	0.0198
	9/20/2006	(575)	0.0140	0.0085	<0.0005	0.0011	0.0013	<0.0050	<0.0005	<0.0005	<0.0005	0.0252
	12/5/2006		0.0140	0.0070	<0.0005	0.0010	0.0012	<0.0050	<0.0005	<0.0005	<0.0005	0.0232
	5/21/2007		0.0110	0.0056	<0.0005	0.0008	0.0010	<0.0050	<0.0005	<0.0005	<0.0005	0.0184
	11/1/2007		0.0110	0.0063	<0.0005	0.0008	0.0010	<0.0050	<0.0005	<0.0005	<0.0005	0.0191
	6/3/2008		0.0110	0.0068	<0.0005	0.0010	0.0011	<0.0050	<0.0005	<0.0005	<0.0005	0.0199
	11/6/2008	(686)	0.0140	0.0075	<0.0005	0.0010	0.0011	<0.0050	<0.0005	<0.0005	<0.0005	0.0239
	5/12/2009		0.0110	0.0064	<0.0005	0.0008	0.0010	<0.0050	<0.0005	<0.0005	<0.0005	0.0192
	11/16/2009		0.0150	0.0063	<0.0005	0.0009	0.0009	<0.005	<0.0005	<0.0005	<0.0005	0.0231
	5/27/2010		0.0095	0.0045	<0.0005	0.0004J	0.0007	<0.005	<0.0005	<0.0005	<0.0005	0.0151
	12/16/2010	(773)	0.012	0.007	<0.0005	<0.0005	0.0009	<0.005	<0.0005	<0.0005	<0.0005	0.0202
	5/19/2011		0.0084	0.0055	<0.0005	0.0006	0.0008	<0.002	<0.0005	<0.0005	<0.0005	0.0153
	11/18/2011	(824)	0.0130	0.0058	<0.0005	0.0006	0.0007	<0.002	<0.0005	<0.0005	0.0001J	0.0203
	6/13/2012		0.0091	0.0038	<0.0005	0.0004J	0.0005	<0.002	<0.0005	<0.0005	<0.0005	0.0138
	6/13/2012		0.0095	0.0041	<0.0005	0.0004J	0.0006	<0.002	<0.0005	<0.0005	<0.0005	0.0146
	11/30/2012		0.0110	0.0045	<0.0005	0.0004J	0.0007	<0.002	<0.0005	<0.0005	<0.0005	0.0166
	11/30/2012		0.0110	0.0045	<0.0005	0.0004J	0.0007	<0.002	<0.0005	<0.0005	<0.0005	0.0166
	6/6/2013		0.0068	0.0033	<0.0005	0.0003J	0.0005J	<0.002	<0.0005	<0.0005	<0.0005	0.0203
	11/7/2013		0.0091	0.0050	<0.0005	0.0004J	0.0006	<0.002	<0.0005	<0.0005	<0.0005	0.0151
	5/15/2014		0.0097	0.0062	<0.0005	0.0004J	0.0006	<0.002	<0.0005	<0.0005	<0.0005	0.0169
	12/4/2014		0.0097	0.0072	<0.0005	0.0003J	0.0004J	<0.002	<0.0005	<0.0005	<0.0005	0.0176
	7/1/2015	(977)	0.0098	0.009	<0.0005	0.0003 J	0.0004 J	<0.002	<0.0005	<0.0005	<0.0005	0.0198
NC3S	9/21/1989	(14)	0.0230	0.0660	ND	ND	0.0068	ND	ND	ND	ND	0.0958
	1/3/1990		0.0310	0.0580	ND	ND	0.0052	ND	ND	ND	ND	0.0942
	4/5/1990		0.0380	0.0700	ND	ND	ND	ND	ND	ND	ND	0.1080
	6/1/1990		0.0330	0.0490	ND	ND	ND	ND	ND	ND	ND	0.0820
	8/23/1990	(23)	0.0730	0.0850	ND	ND	ND	ND	ND	ND	ND	0.1648
	11/30/1990		0.0520	0.0630	ND	ND	ND	ND	ND	ND	ND	0.1150
	2/5/1991		0.0520	0.0710	ND	ND	ND	ND	ND	ND	ND	0.1230
	5/1/1991		0.0220	0.0430	0.0011	ND	0.0054	0.0015	ND	ND	ND	0.0730
	8/22/1991	(56)	0.0210	0.0210	ND	ND	0.0074	ND	ND	ND	ND	0.0592
	8/22/1991	(57)	0.0170	0.0150	ND	ND	0.0052	ND	ND	ND	ND	0.0482
	12/4/1991		0.0390	0.0520	ND	ND	ND	ND	ND	ND	ND	0.0910
	2/27/1992		0.0380	0.0530	ND	ND	ND	ND	ND	ND	ND	0.0910
	5/21/1992		0.0630	0.0780	ND	ND	ND	ND	ND	ND	ND	0.1410
	8/24/1992		0.0630	0.0710	ND	ND	ND	ND	ND	ND	ND	0.1340
	11/20/1992		0.0650	0.0880	ND	ND	ND	ND	ND	ND	ND	0.1530
	3/1/1993		0.0260	0.0260	ND	ND	0.0060	ND	ND	ND	ND	0.0580
	5/13/1993		0.0390	0.0460	ND	ND	0.0050	ND	ND	ND	ND	0.0900
	8/25/1993		0.0540	0.0700	ND	ND	ND	ND	ND	ND	ND	0.1240
	11/18/1993		0.0560	0.0730	ND	ND	0.0030	ND	ND	ND	ND	0.1320
	11/17/1994		0.0340	0.0450	ND	ND	ND	ND	ND	ND	ND	0.0790
	11/17/1994		0.0340	0.0440	ND	ND	ND	ND	ND	ND	ND	0.0780
	11/14/1995		0.0580	0.0630	ND	ND	0.0020	ND	ND	ND	ND	0.1230
	11/13/1996		0.047	0.051	ND	ND	ND	ND	ND	ND	ND	0.0980
	12/9/1997		0.028	0.040	ND	ND	ND	NA	ND	ND	ND	0.0680
	12/1/1998		0.0548	0.0341	ND	ND	0.00073	0.00073	ND	ND	ND	0.0904
NC4I	5/4/1989		0.0800	0.0940	<0.005	<0.005	<0.005	ND	<0.005	<0.010	<0.005	0.1740
	5/4/1989		0.0860	0.0990	<0.005	<0.005	<0.005	ND	<0.005	<0.010	<0.005	0.1850
	5/4/1989	(10,11)	0.0820	0.0870	0.0023	0.0024	<0.0005	<0.005	<0.0005	<0.001	<0.0005	0.1737
	6/26/1989		0.0530	0.0950	ND	ND	ND	ND	ND	ND	ND	0.1480
	9/21/1989		0.0430	0.0930	ND	ND	ND	ND	ND	ND	ND	0.1360
	9/21/1989		0.0460	0.0990	ND	ND	ND	ND	ND	ND	ND	0.1450
	1/3/1990	(16)	0.0820	0.1000	ND	ND	ND	ND	ND	ND	ND	0.1820
	4/5/1990		0.0850	0.1000	ND	ND	ND	ND	ND	ND	ND	0.1850
NC4I	6/1/1990		0.0740	0.0810	ND	ND	ND	ND	0.0240	ND	ND	0.1790
	8/23/1990	(24)	0.0680	0.0790	ND	ND	ND	ND	ND	ND	ND	0.1539

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
	11/30/1990		0.0510	0.0600	ND	ND	ND	ND	ND	ND	ND	0.1110
	2/5/1991		0.0700	0.0870	ND	ND	ND	ND	ND	ND	ND	0.1570
	5/1/1991		0.0570	0.0670	0.0012	ND	0.0005	0.0014	ND	ND	ND	0.1271
	8/22/1991		0.0430	0.0670	ND	ND	ND	ND	ND	ND	ND	0.1100
	12/9/1991		0.0820	0.0900	ND	ND	ND	ND	ND	ND	ND	0.1720
	2/27/1992		0.1100	0.1400	ND	ND	ND	ND	ND	ND	ND	0.2500
	5/22/1992		0.0910	0.1100	ND	ND	ND	ND	ND	ND	ND	0.2010
	8/24/1992		0.0860	0.0890	ND	ND	ND	ND	ND	ND	ND	0.1750
	11/20/1992		0.0810	0.0940	ND	ND	ND	ND	ND	ND	ND	0.1750
	3/1/1993		0.0600	0.0660	ND	ND	ND	ND	ND	ND	ND	0.1260
	5/13/1993		0.0650	0.0750	ND	ND	ND	ND	ND	ND	ND	0.1400
	9/24/1993		0.0350	0.0480	ND	ND	ND	ND	ND	ND	ND	0.0830
	11/18/1993		0.0450	0.0530	ND	ND	ND	ND	ND	ND	ND	0.0980
	11/17/1994		0.0580	0.0660	ND	ND	ND	ND	ND	ND	ND	0.1240
	11/14/1995		0.0460	0.0580	ND	ND	ND	ND	ND	ND	ND	0.1040
	11/13/1996		0.032	0.029	ND	ND	ND	ND	ND	ND	ND	0.0610
	11/13/1996		0.033	0.029	ND	ND	ND	ND	ND	ND	ND	0.0620
	12/9/1997		0.030	0.021	ND	ND	ND	NA	ND	ND	ND	0.0510
	12/1/1998		0.0401	0.0162	ND	ND	ND	ND	ND	ND	ND	0.0563
NC5S	5/4/1989		0.0380	0.0410	<0.005	<0.005	<0.005	ND	<0.005	<0.010	<0.005	0.0790
	5/4/1989	(10)	0.0350	0.0260	0.0009	ND	<0.0005	<0.001	<0.0005	<0.001	<0.0005	0.0619
	6/27/1989		0.0460	0.0520	ND	ND	ND	ND	ND	ND	ND	0.0980
	9/21/1989	(15)	0.0600	0.0850	ND	ND	ND	ND	ND	ND	ND	0.1550
	1/3/1990		0.0680	0.0530	ND	ND	ND	ND	ND	ND	ND	0.1210
	4/5/1990		0.0650	0.0490	ND	ND	ND	ND	ND	ND	ND	0.1140
	6/1/1990		0.0640	0.0430	ND	ND	ND	ND	ND	ND	ND	0.1070
	8/23/1990	(26)	0.0670	0.0480	ND	ND	ND	ND	ND	ND	ND	0.1218
	11/28/1990		0.0570	0.0400	ND	ND	ND	ND	ND	ND	ND	0.0970
	2/5/1991		0.0480	0.0370	ND	ND	ND	ND	ND	ND	ND	0.0850
	5/1/1991		0.0460	0.0260	0.0005	ND	ND	ND	ND	ND	ND	0.0725
	8/22/1991		0.0380	0.0300	ND	ND	ND	ND	ND	ND	ND	0.0680
	12/9/1991		0.0560	0.0350	ND	ND	ND	ND	ND	ND	ND	0.0910
	2/27/1992		0.0600	0.0480	ND	ND	ND	ND	ND	ND	ND	0.1080
	5/21/1992		0.0510	0.0340	ND	ND	ND	ND	ND	ND	ND	0.0850
	8/24/1992		0.0710	0.0420	ND	ND	ND	ND	ND	ND	ND	0.1130
	11/20/1992		0.0680	0.0430	ND	ND	ND	ND	ND	ND	ND	0.1110
	3/1/1993		0.0380	0.0220	ND	ND	ND	ND	ND	ND	ND	0.0600
	5/13/1993		0.0420	0.0230	ND	ND	ND	ND	ND	ND	ND	0.0650
	9/24/1993		0.0400	0.0230	ND	ND	ND	ND	ND	ND	ND	0.0630
	11/18/1993		0.0540	0.0290	ND	ND	ND	ND	ND	ND	ND	0.0830
	11/17/1994		0.0490	0.0270	ND	ND	ND	ND	ND	ND	ND	0.0760
	11/14/1995		0.0490	0.0250	ND	ND	ND	ND	ND	ND	ND	0.0740
	11/13/1996		0.041	0.019	ND	ND	ND	ND	ND	ND	ND	0.0600
	11/14/1997		0.038	0.018	ND	ND	ND	NA	ND	ND	ND	0.0560
	12/1/1998		0.040	0.011	ND	ND	ND	NA	ND	ND	ND	0.0510
	12/9/1999		0.028	0.0106	ND	ND	ND	NA	ND	ND	0.00349	0.0421
	12/4/2000		0.0201	0.0111	ND	ND	ND	NA	ND	ND	0.00187	0.0331
	11/19/2001		0.0290	0.0130	ND	ND	ND	ND	ND	ND	0.0007	0.0427
	11/14/2002		0.0320	0.0071	ND	ND	ND	ND	ND	ND	0.0009	0.0400
NC6I	5/4/1989		<0.005	0.0130	<0.005	<0.005	<0.005	ND	<0.005	<0.010	<0.005	0.0130
	5/4/1989	(10)	<0.0005	0.0096	0.0005	<0.0005	<0.0005	<0.001	<0.0005	<0.001	<0.0005	0.0101
	6/27/1989		ND	0.0120	ND	ND	ND	ND	ND	ND	ND	0.0120
	9/21/1989		ND	0.0160	ND	ND	ND	ND	ND	ND	ND	0.0160
	12/14/1989		ND	ND	ND	0.0085	ND	ND	ND	ND	ND	0.0085
	4/5/1990		ND	0.0110	ND	ND	ND	ND	ND	ND	ND	0.0110
	6/1/1990		ND	0.0110	ND	ND	ND	ND	ND	ND	ND	0.0110
	8/23/1990	(25)	ND	0.0130	ND	ND	ND	ND	ND	ND	ND	0.0194
	11/28/1990		ND	0.0069	ND	ND	ND	ND	ND	ND	ND	0.0069
	2/5/1991		ND	0.0130	ND	ND	ND	ND	ND	ND	ND	0.0130
	5/1/1991		0.0022	0.0061	ND	ND	ND	ND	ND	ND	0.0007	0.0090
	8/22/1991		ND	0.0130	ND	ND	ND	ND	ND	ND	ND	0.0130
	12/9/1991		ND	0.0098	ND	ND	ND	ND	ND	ND	ND	0.0098
	2/27/1992		ND	0.0200	ND	ND	ND	ND	ND	ND	ND	0.0200
	5/20/1992		ND	0.0120	ND	ND	ND	ND	ND	ND	ND	0.0120
	8/24/1992		ND	0.0120	ND	ND	ND	ND	ND	ND	ND	0.0120
	11/20/1992		ND	0.0180	ND	ND	ND	ND	ND	ND	ND	0.0180
	3/1/1993		ND	0.0110	ND	ND	ND	ND	ND	ND	ND	0.0110
	5/13/1993		ND	0.0150	ND	ND	ND	ND	ND	ND	ND	0.0150
	8/25/1993		ND	0.0120	ND	ND	ND	ND	ND	ND	ND	0.0120

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
	11/18/1993		ND	0.0160	ND	ND	ND	ND	ND	ND	ND	0.0160
	11/17/1994		ND	0.0120	ND	ND	ND	ND	ND	ND	ND	0.0120
NC6I	11/14/1995		ND	0.0060	ND	ND	ND	ND	ND	ND	ND	0.0060
	11/13/1996		ND	0.012	ND	ND	ND	ND	ND	ND	ND	0.0120
	11/14/1997		ND	0.008	ND	ND	ND	NA	ND	ND	ND	0.0080
	12/1/1998		ND	0.0027	ND	ND	ND	ND	ND	ND	ND	0.0027
	12/9/1999		ND	0.0057	ND	ND	ND	ND	ND	ND	ND	0.0057
	12/4/2000		ND	0.0103	ND	ND	ND	ND	ND	ND	ND	0.0103
	11/19/2001		ND	0.0018	ND	ND	ND	ND	ND	ND	ND	0.0018
	11/14/2002		ND	0.0010	ND	ND	ND	ND	ND	ND	ND	0.0010
	11/14/2002		ND	0.0007	ND	ND	ND	ND	ND	ND	ND	0.0007
NC7S	7/21/1989		ND	0.0110	ND	ND	ND	ND	ND	ND	ND	0.0110
	7/21/1989		ND	0.0130	ND	ND	ND	ND	ND	ND	ND	0.0130
	12/14/1989	+	ND	0.0027	ND	0.0005	ND	ND	ND	ND	ND	0.0032
	4/2/1990		0.0006	0.0048	ND	ND	ND	ND	ND	ND	ND	0.0054
	6/1/1990		0.0007	0.0030	ND	ND	ND	ND	ND	ND	ND	0.0037
	6/1/1990		0.0006	0.0030	ND	ND	ND	ND	ND	ND	ND	0.0036
	8/23/1990		ND	0.0013	ND	ND	ND	ND	ND	ND	ND	0.0013
	12/4/1990		ND	0.0013	ND	ND	ND	ND	ND	ND	ND	0.0013
	2/1/1991		ND	0.0020	ND	ND	ND	ND	ND	ND	ND	0.0020
	5/1/1991		ND	0.0091	ND	ND	ND	ND	ND	ND	ND	0.0091
	8/29/1991		ND	0.0011	ND	ND	ND	ND	ND	ND	ND	0.0011
	12/5/1991		ND	0.0020	ND	ND	ND	ND	ND	ND	ND	0.0020
	12/5/1991		ND	0.0021	ND	ND	ND	ND	ND	ND	ND	0.0021
	2/26/1992		ND	0.0028	ND	ND	ND	ND	ND	ND	ND	0.0028
	5/20/1992		ND	0.0023	ND	ND	ND	ND	ND	ND	ND	0.0023
	8/21/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/19/1992		ND	0.0011	ND	ND	ND	ND	ND	ND	ND	0.0011
	2/24/1993		ND	0.0016	ND	ND	ND	ND	ND	ND	ND	0.0016
	5/17/1993		ND	0.0012	ND	ND	ND	ND	ND	ND	ND	0.0012
	8/19/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/19/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/19/1993		ND	0.0009	ND	ND	ND	ND	ND	ND	ND	0.0009
	11/17/1994		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/14/1995		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/14/1995		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/14/1996		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/13/1997		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/13/1997		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/27/1997		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/14/1997		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/18/1998		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/2/1998		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/2/1999		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/6/1999		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/1/2000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/19/2001		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/13/2002		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/13/2002		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/17/2003		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/6/2004		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/6/2004		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/4/2005		ND	ND	ND	ND	ND	ND	ND	ND	0.0032	0.0032
	12/8/2006		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	ND
	11/1/2007		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0019	0.0019
	11/6/2008		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	ND
	11/13/2009		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	0.0010	0.0010
	12/16/2010		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
	11/16/2011	(825)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	0.0003J	0.0008J
	11/29/2012		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0005J	0.0005J
	11/11/2013		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0009	0.0009
	12/6/2014		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	ND
NC8S	8/26/1992		0.0980	0.0740	ND	ND	ND	ND	ND	ND	ND	0.1720
	11/23/1992		0.0720	0.0600	ND	ND	ND	ND	ND	ND	ND	0.1320
	3/2/1993		0.0690	0.0540	ND	ND	ND	ND	ND	ND	ND	0.1230
	5/18/1993		0.0660	0.0540	ND	ND	ND	ND	ND	ND	ND	0.1200
	8/25/1993											
	8/25/1993		0.0740	0.0510	ND	ND	ND	ND	ND	ND	ND	0.1250
	9/24/1993	(90)	0.0790	0.0530	ND	ND	ND	ND	ND	ND	ND	0.1660

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
	11/19/1993		0.0590	0.0410	ND	ND	ND	ND	ND	ND	ND	0.1340
	11/21/1994		0.0640	0.0410	ND	ND	ND	ND	ND	ND	ND	0.1390
NC9I	8/26/1992		0.0023	0.0170	ND	ND	ND	ND	ND	ND	ND	0.0193
	8/26/1992		0.0023	0.0180	ND	ND	ND	ND	ND	ND	ND	0.0203
	11/23/1992		0.0021	0.0180	ND	ND	ND	ND	ND	ND	ND	0.0201
NC9I	3/2/1993		0.0058	0.0290	ND	ND	ND	ND	ND	ND	ND	0.0348
	5/18/1993		0.0061	0.0230	ND	ND	ND	ND	ND	ND	ND	0.0291
	9/24/1993		0.0120	0.0280	ND	ND	ND	ND	ND	ND	0.0013	0.0413
	11/19/1993		0.0200	0.0300	ND	ND	ND	ND	ND	ND	ND	0.0500
	11/21/1994		0.0300	0.0330	ND	ND	ND	ND	ND	ND	0.0007	0.0637
PC-1	5/8/1991		0.0076	0.0063	ND	ND	ND	ND	ND	ND	ND	0.0139
	8/27/1991	(53)	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0044
	3/2/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/21/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/30/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Well SP-10I	4/28/1989		0.0230	0.0100	ND	ND	ND	0.0140	ND	ND	ND	0.0470
	3/20/1989		0.0006	0.0007	ND	ND	ND	0.0930	ND	ND	ND	0.0943
	3/20/1989		0.0006	0.0007	ND	ND	ND	0.0920	ND	ND	ND	0.0933
	6/29/1989		0.0005	0.0024	ND	ND	ND	0.1300	ND	ND	0.0006	0.1335
	9/27/1989		0.0006	0.0013	ND	ND	ND	0.0720	ND	ND	ND	0.0739
	9/27/1989		0.0012	0.0020	ND	ND	ND	0.0770	ND	ND	ND	0.0802
	12/22/1989		0.0017	0.0018	ND	ND	ND	0.0470	ND	ND	ND	0.0505
	4/3/1990		0.0010	0.0008	ND	ND	ND	0.0400	ND	ND	ND	0.0417
	6/5/1990		0.0035	0.0008	ND	ND	ND	0.0550	ND	ND	ND	0.0593
	8/28/1990		0.0070	ND	ND	ND	ND	ND	ND	ND	ND	0.0070
	12/4/1990		0.0012	0.0006	0.0006	ND	ND	0.0720	ND	ND	ND	0.0744
	12/4/1990		0.0016	0.0005	0.0005	ND	ND	0.0750	ND	ND	ND	0.0777
	3/7/1991		ND	ND	0.0006	ND	ND	0.0720	ND	ND	ND	0.0726
	4/30/1991		0.0010	ND	ND	ND	ND	0.0630	ND	ND	ND	0.0640
	8/19/1991		ND	ND	ND	ND	ND	0.0055	ND	ND	ND	0.0055
	12/6/1991		0.0012	0.0006	0.0005	ND	ND	0.1200	ND	0.0030	ND	0.1253
	2/26/1992		ND	ND	ND	ND	ND	0.1300	ND	ND	ND	0.1300
	5/21/1992		ND	ND	ND	ND	ND	0.1400	ND	ND	ND	0.1400
	8/27/1992		0.0050	ND	ND	ND	ND	0.1900	ND	ND	ND	0.1950
	11/23/1992		ND	ND	ND	ND	ND	0.1100	ND	ND	ND	0.1100
	3/2/1993		ND	ND	ND	ND	ND	0.0840	ND	ND	ND	0.0840
	5/17/1993		0.0059	ND	ND	ND	ND	0.0570	ND	ND	ND	0.0629
	8/20/1993	(87)	ND	ND	ND	ND	ND	0.0070	ND	ND	ND	0.0440
	11/19/1993		0.0023	ND	ND	ND	ND	0.0550	ND	ND	ND	0.0573
	11/21/1994	(96)	0.0011	0.0012	ND	ND	ND	0.0570	ND	0.0020	ND	0.0639
	11/16/1995		0.0061	ND	ND	ND	ND	0.0230	ND	ND	ND	0.0291
	11/20/1996		0.0061	ND	ND	ND	ND	0.0059	ND	ND	ND	0.0120
	11/18/1997	(127)	ND	ND	ND	ND	ND	ND	ND	0.0017	ND	0.0236
	11/30/1998		0.00069	ND	ND	ND	ND	0.0144	ND	ND	ND	0.0151
	11/30/1998		ND	ND	ND	ND	ND	0.0143	ND	ND	ND	0.0143
	12/10/1999	(164)	ND	0.00179	ND	ND	0.0009	0.0619	ND	0.00109	ND	0.0656
	12/5/2000		ND	ND	ND	ND	ND	0.0747	ND	ND	ND	0.0747
	11/21/2001	(206)	ND	0.0022	ND	ND	ND	0.1200	ND	0.0014	ND	0.1246
	11/20/2002		ND	ND	ND	ND	ND	0.0055	ND	ND	ND	0.0055
E1	8/10/1988	(a)	1.6000	0.0083	0.0007	0.0015	0.0010	0.0014	0.0470	ND	ND	1.6647
	8/10/1988		1.7000	0.4000	ND	ND	ND	0.0330	0.0310	ND	ND	2.1640
	Pumping started Jan 1990											
	1/22/1990		1.1000	0.5000	ND	ND	ND	ND	ND	ND	ND	1.6000
	4/3/1990		0.9900	0.2800	ND	ND	ND	ND	0.0150	ND	ND	1.2850
	6/7/1990		0.9800	0.2400	ND	ND	ND	ND	0.0120	ND	ND	1.2320
	6/7/1990		0.9800	0.2500	ND	ND	ND	ND	0.0130	ND	ND	1.2430
	8/30/1990		1.8000	0.3400	ND	ND	ND	ND	ND	ND	ND	2.1400
	12/4/1990		0.8400	0.1700	ND	ND	ND	ND	0.0140	ND	ND	1.0240
	2/7/1991		0.8500	0.1500	ND	ND	ND	ND	0.0130	ND	ND	1.0130
	5/8/1991		0.8200	0.1400	ND	ND	ND	ND	ND	ND	ND	0.9600
	8/27/1991	(38)	1.0000	0.2000	ND	ND	ND	ND	0.0130	ND	ND	1.2130
	12/2/1991		0.8500	0.1700	ND	ND	ND	ND	0.0078	ND	ND	1.0278
	3/3/1992	(69)	0.7300	0.1400	ND	ND	ND	ND	ND	ND	ND	0.8700
	3/3/1993		0.7700	0.2000	ND	ND	ND	ND	ND	ND	ND	0.9700
	5/18/1993		0.7500	0.2300	ND	ND	ND	ND	ND	ND	ND	0.9800
	8/25/1993		0.8700	0.2000	ND	ND	ND	ND	ND	ND	ND	1.0700

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
	11/22/1993		0.7700	0.2000	ND	ND	ND	ND	ND	ND	ND	0.9700
	2/15/1994		0.6100	0.1700	ND	ND	ND	ND	ND	ND	ND	0.7800
	5/18/1994		0.6600	0.1700	ND	ND	ND	ND	0.0100	ND	ND	0.8400
	8/17/1994		0.7500	0.1800	ND	ND	ND	ND	0.0100	ND	ND	0.9400
	11/29/1994	(97)	0.6500	0.1700	ND	ND	ND	ND	0.0100	ND	ND	0.8810
	2/15/1995		0.5700	0.1600	ND	ND	ND	ND	ND	ND	ND	0.7300
	5/17/1995		0.6300	0.1700	ND	ND	ND	ND	ND	ND	ND	0.8000
	8/16/1995		0.7200	0.1800	ND	ND	ND	ND	0.0110	ND	ND	0.9110
	11/17/1995	(101)	0.7300	0.1800	ND	ND	ND	ND	0.0100	ND	ND	0.9230
	11/17/1995		0.7000	0.1600	ND	ND	ND	ND	ND	ND	ND	0.8630
E1	2/14/1996		0.6000	0.1600	ND	ND	ND	ND	ND	ND	ND	0.7630
	2/14/1996		0.5900	0.1400	ND	ND	ND	ND	ND	ND	ND	0.7330
	5/14/1996		0.6300	0.1500	ND	ND	ND	ND	0.0110	ND	ND	0.7910
	8/21/1996		0.6200	0.1600	ND	ND	ND	ND	ND	ND	ND	0.7800
	11/22/1996		0.540	0.130	ND	ND	ND	ND	ND	ND	ND	0.6700
	2/13/1997		0.450	0.140	ND	ND	ND	ND	ND	ND	ND	0.5900
	5/14/1997		0.590	0.150	ND	ND	ND	ND	ND	ND	ND	0.7400
	8/28/1997		0.530	0.130	ND	ND	ND	ND	0.007	ND	ND	0.6670
	11/12/1997		0.600	0.150	ND	ND	ND	NA	ND	ND	ND	0.7500
	11/12/1997		0.610	0.150	ND	ND	ND	NA	ND	ND	ND	0.7600
	2/19/1998		0.530	0.110	ND	ND	ND	ND	0.007	ND	ND	0.6470
	6/3/1998		0.480	0.120	ND	ND	ND	ND	0.005	ND	ND	0.6050
	8/13/1998		0.716	0.111	ND	ND	ND	ND	0.0127	ND	ND	0.8397
	12/2/1998		1.359	0.174	ND	ND	ND	ND	0.0292	ND	ND	1.5622
	2/24/1999		1.000	0.156	ND	ND	ND	ND	0.0202	ND	ND	1.1762
	6/2/1999		0.502	0.073	ND	ND	ND	ND	0.0102	ND	ND	0.5852
	8/11/1999		0.927	0.117	ND	ND	ND	ND	0.0216	ND	ND	1.0656
	8/11/1999		1.320	0.207	ND	ND	ND	ND	0.0252	ND	ND	1.5522
	12/7/1999		0.700	0.143	ND	ND	ND	ND	ND	ND	ND	0.8430
	3/16/2000		0.442	0.137	ND	ND	ND	ND	ND	ND	ND	0.5790
	5/11/2000		0.742	0.166	ND	ND	ND	ND	0.0125	ND	ND	0.9205
	8/30/2000		0.509	0.131	ND	ND	ND	ND	ND	ND	ND	0.6400
	11/30/2000		0.458	0.130	ND	ND	ND	ND	ND	ND	ND	0.5880
	3/5/2001		0.487	0.165	ND	ND	ND	ND	ND	ND	ND	0.6520
	5/15/2001		0.436	0.109	ND	ND	ND	ND	ND	ND	ND	0.5450
	8/14/2001	(191)	0.430	0.110	ND	ND	ND	ND	0.0069	0.0049	ND	0.5551
	11/26/2001		0.420	0.120	ND	ND	ND	ND	0.0073	ND	ND	0.5473
	2/12/2002	(221)	0.490	0.110	ND	ND	ND	ND	0.0065	0.0029	ND	0.6163
	5/14/2002	(234)	0.400	0.110	ND	ND	ND	ND	0.0053	0.0017	ND	0.5201
	8/9/2002	(250)	0.370	0.110	ND	ND	ND	ND	0.0058	0.0032	0.00	0.4945
	11/14/2002	(264)	0.540	0.120	ND	0.0013	ND	ND	0.0061	0.0028	ND	0.6733
	2/27/2003	(290)	0.390	0.120	ND	0.0013	ND	ND	0.0069	0.0018	ND	0.5249
	6/17/2003	(308)	0.350	0.110	ND	0.0013	ND	ND	0.0069	0.0022	ND	0.4760
	9/30/2003	(339)	0.360	0.140	ND	ND	ND	ND	0.0061	0.0026	ND	0.5148
	Pumping stopped December 4, 2003											
	12/18/2003	(353)	0.200	0.230	ND	0.0014	ND	ND	0.0017	0.0013	ND	0.4366
	3/17/2004	(376)	0.180	0.220	ND	0.0015	ND	ND	0.0012	ND	ND	0.4054
	3/17/2004	(377)	0.170	0.220	ND	0.0016	ND	ND	0.0013	ND	ND	0.3954
	6/9/2004	(400)	0.220	0.190	ND	ND	ND	ND	0.0029	0.0019	ND	0.4187
	9/20/2004	(417)	0.140	0.300	ND	ND	ND	ND	ND	0.0034	ND	0.4449
	11/30/2004	(440)	0.2000	0.2600	ND	0.0017J	ND	ND	0.0013J	0.0015J	ND	0.4741
	2/10/2005	(467)	0.1800	0.2100	ND	0.0013	ND	ND	0.0012J	0.0012J	ND	0.3957
	5/12/2005	(500)	0.2000	0.2600	ND	ND	ND	ND	ND	0.0038	ND	0.4888
	8/17/2005	(501)	0.1400	0.2600	ND	0.0015J	ND	ND	ND	0.0027	ND	0.4072
	11/3/2005	(540)	0.1500	0.2900	ND	0.0023	0.0004J	ND	0.0010	0.0039	ND	0.4505
	3/16/2006	(542)	0.1600	0.2800	ND	0.0015J	ND	ND	ND	0.0027	ND	0.4499
	5/19/2006	(561)	0.1700	0.2400	<0.0017	0.0018	<0.0017	<0.017	0.0008J	0.0033	<0.0017	0.4201
	5/19/2006	(562)	0.1800	0.2400	<0.0017	0.0017J	<0.0017	<0.017	0.0010J	0.0034	<0.0017	0.4315
	9/21/2006	(576)	0.1800	0.1900	<0.0005	0.0024	0.0003J	<0.0050	0.0014	0.0053	<0.0005	0.3826
	12/6/2006	(607)	0.1600	0.2700	<0.0020	<0.0020	<0.0020	<0.0200	0.0011J	0.0022	<0.0020	0.4376
	5/23/2007	(624)	0.1600	0.2400	<0.0020	0.0021	<0.0020	<0.02	0.0011J	0.0027	<0.0020	0.4100
	11/1/2007	(637)	0.1300	0.2300	<0.0017	0.0014J	<0.0017	<0.017	<0.0017	0.0024	<0.0017	0.3674
	6/3/2008	(656)	0.1800	0.2700	<0.0017	0.0024	<0.0017	<0.017	0.0013J	0.0043	<0.0017	0.4612
	11/6/2008	(687)	0.2000	0.2400	<0.0020	0.0012J	<0.0020	<0.020	0.0019J	0.0019J	<0.0020	0.4524
	5/13/2009	(712)	0.1900	0.2000	<0.0020	0.0013J	<0.0020	<0.020	0.0012J	0.0023	<0.0020	0.3973
	5/13/2009	(715)	0.1800	0.2000	<0.0020	0.0010J	<0.0020	<0.020	<0.0020	0.0024	<0.0020	0.3856
	11/17/2009	(732)	0.1500	0.3300	<0.0017	0.0018	<0.0017	<0.017	0.001J	0.0018	<0.0017	0.4986
	5/26/2010	(747)	0.170	0.320	<0.0025	<0.0025	<0.0025	<0.025	<0.0025	0.0028	<0.0025	0.5003

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Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
	12/15/2010	(774)	0.150	0.360	<0.0025	0.0014J	<0.0025	<0.025	<0.0025	<0.0025	<0.0025	0.5172
	5/18/2011	(791)	0.180	0.320	<0.0017	0.0021	<0.0017	<0.0067	<0.0017	0.0025	<0.0017	0.5104
	11/15/2011	(826)	0.180	0.280	<0.0047	0.0019	<0.0047	<0.047	0.0010J	0.0036	<0.0047	0.4718
	6/12/2012	(843)	0.300	0.190	<0.0025	<0.0025	<0.0025	<0.10	<0.0025	0.0064	<0.0025	0.5002
	11/27/2012	(868)	0.170	0.330	<0.0017	0.0013J	<0.0017	<0.0067	0.0010J	0.0015J	<0.0017	0.5178
	6/5/2013	(884)	0.120	0.330	<0.0017	0.0016J	<0.0017	<0.0067	<0.0017	0.0013J	<0.0017	0.4570
	11/8/2013	(908)	0.140	0.300	<0.0025	0.0015J	<0.0025	<0.010	<0.0025	0.002J	<0.0025	0.4490
	5/14/2014	(924)	0.140	0.370	<0.0013	0.0020	<0.0013	<0.005	0.0006 J	0.0039	<0.0013	0.5230
	12/5/2014	(949)	0.150	0.320	<0.0025	0.0014 J	<0.0025	<0.10	<0.0025	0.0041	<0.0025	0.4814
	6/28/2015	(963)	0.140	0.320	<0.0025	0.0015 J	<0.0025	<0.01	<0.0025	0.014	<0.0025	0.4805
E2	7/26/1988	(b)	1.3000	0.2600	ND	0.0011	0.0004	ND	0.0200	0.0014	ND	1.5871
	7/26/1988		1.3000	0.3800	ND	ND	ND	ND	0.0300	ND	ND	1.7100
	Pumping started											
E2	Jan 1990											
	1/5/1990		0.8400	0.2000	ND	ND	ND	ND	0.0220	ND	ND	1.0620
	4/3/1990		0.8300	0.1900	ND	ND	ND	ND	0.0250	ND	ND	1.0450
	6/7/1990		0.8500	0.2000	ND	ND	ND	ND	0.0260	ND	ND	1.0760
	8/30/1990		1.4000	0.2700	ND	ND	ND	ND	ND	ND	ND	1.6700
	12/4/1990		0.8600	0.1700	ND	ND	ND	ND	0.0310	ND	ND	1.0610
	2/7/1991		0.7000	0.1400	ND	ND	ND	ND	0.0290	ND	ND	0.8690
	5/8/1991		0.7400	0.1200	ND	ND	ND	ND	ND	ND	ND	0.8600
	8/23/1991	(39)	0.8500	0.1500	ND	ND	ND	ND	ND	ND	ND	1.0000
	12/2/1991		0.8300	0.1600	ND	ND	ND	ND	0.0230	ND	ND	1.0130
	3/3/1992	(70)	0.7500	0.1300	ND	ND	ND	ND	ND	ND	ND	0.8800
	5/27/1992		0.6900	0.0430	ND	ND	ND	ND	ND	ND	ND	0.7330
	9/3/1992		0.9900	0.1700	ND	ND	ND	ND	ND	ND	ND	1.1600
	11/25/1992		0.7700	0.1600	ND	ND	ND	ND	0.0150	ND	ND	0.9450
	3/3/1993		0.7200	0.1400	ND	ND	ND	ND	0.0170	ND	ND	0.8770
	5/18/1993		0.6500	0.1500	ND	ND	ND	ND	0.0150	ND	ND	0.8150
	8/25/1993		0.7600	0.1300	ND	ND	ND	ND	ND	ND	ND	0.8900
	Not pumping											
	2/15/1994		0.5400	0.1400	ND	ND	ND	ND	0.0140	ND	ND	0.6940
	5/18/1994		0.5800	0.1300	ND	ND	ND	ND	0.0150	ND	ND	0.7250
	8/17/1994		0.6200	0.1200	ND	ND	ND	ND	0.0150	ND	ND	0.7550
	11/29/1994		0.5700	0.1200	ND	ND	ND	ND	0.0160	ND	ND	0.7060
	2/15/1995		0.5200	0.1200	ND	ND	ND	ND	0.0170	ND	ND	0.6570
	5/17/1995		0.5600	0.1300	ND	ND	ND	ND	0.0170	ND	ND	0.7070
	8/16/1995	(99)	0.5700	0.1100	ND	ND	ND	ND	0.0150	ND	ND	0.7100
	11/17/1995	(102)	0.6000	0.1100	ND	ND	ND	ND	0.0150	ND	ND	0.7390
	11/17/1995		0.5800	0.1000	ND	ND	ND	ND	0.0150	ND	ND	0.6950
	3/26/1996	(112)	0.5100	0.0980	ND	ND	ND	ND	0.0140	ND	ND	0.6350
	5/14/1996		0.4800	0.1000	ND	ND	ND	ND	0.0140	ND	ND	0.5940
	8/21/1996		0.5500	0.1200	ND	ND	ND	ND	0.0160	ND	ND	0.6860
	8/21/1996		0.5500	0.1300	ND	ND	ND	ND	0.0110	ND	ND	0.6910
	11/22/1996		0.520	0.110	ND	ND	ND	ND	ND	ND	ND	0.6300
	2/13/1997	(118)	0.330	0.096	ND	ND	ND	ND	ND	ND	ND	0.4380
	5/14/1997		0.530	0.130	ND	ND	ND	ND	0.014	ND	ND	0.6740
	8/28/1997	(122)	0.500	0.100	ND	ND	ND	ND	0.013	ND	ND	0.6130
	11/12/1997		0.560	0.130	ND	ND	ND	NA	ND	ND	ND	0.6900
	2/19/1998	(130)	0.510	0.089	ND	ND	ND	ND	0.010	ND	ND	0.6210
	6/3/1998	(141)	0.490	0.110	ND	ND	ND	ND	0.011	ND	ND	0.6160
	8/13/1998	(143)	0.711	0.103	ND	ND	ND	ND	0.0206	ND	ND	0.8590
	11/30/1998		1.214	0.154	ND	ND	ND	ND	0.0412	ND	ND	1.4092
	2/24/1999	(152)	1.280	0.182	ND	ND	ND	ND	0.0440	ND	ND	1.5444
	6/3/1999	(154)	1.220	0.190	ND	ND	ND	ND	0.0380	ND	ND	1.4900
	8/11/1999	(156)	1.040	0.158	ND	ND	ND	ND	0.0348	ND	ND	1.2628
	12/7/1999	(160)	0.678	0.139	ND	ND	ND	ND	ND	ND	ND	0.8380
	3/16/2000	(166)	0.407	0.117	ND	ND	ND	ND	ND	ND	ND	0.5374
	3/16/2000	(167)	0.423	0.128	ND	ND	ND	ND	0.0106	ND	ND	0.5758
	5/11/2000	(169)	0.693	0.152	ND	ND	ND	ND	0.0187	ND	ND	0.8869
	8/30/2000		0.452	0.116	ND	ND	ND	ND	0.013	ND	ND	0.5946
	11/30/2000	(179)	0.410	0.122	ND	ND	ND	ND	0.0117	ND	ND	0.5576
	3/5/2001	(180)	0.397	0.145	ND	ND	ND	ND	ND	ND	ND	0.5556
	5/15/2001	(182)	0.396	0.105	ND	ND	ND	ND	0.0111	ND	ND	0.5239
	8/14/2001	(192)	0.340	0.092	ND	ND	ND	ND	0.0098	ND	ND	0.4602
	11/26/2001	(207)	0.370	0.100	ND	0.0013	ND	ND	0.011	ND	ND	0.4853
	2/12/2002	(222)	0.450	0.096	ND	ND	ND	ND	0.010	0.002	ND	0.5767
	5/14/2002	(235)	0.430	0.140	ND	ND	ND	ND	0.010	ND	ND	0.5985
	8/9/2002	(251)	0.350	0.100	ND	ND	ND	ND	0.008	ND	0.004	0.4791
	11/14/2002	(268)	0.500	0.110	ND	ND	ND	ND	0.0092	0.0011	ND	0.6212

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
	2/27/2003	(291)	0.390	0.100	ND	0.001	ND	ND	0.0100	ND	ND	0.5185
	6/17/2003	(309)	0.340	0.110	ND	ND	ND	ND	0.0110	ND	ND	0.4702
	9/30/2003	(341)	0.340	0.120	ND	ND	ND	ND	0.0091	0.0016	ND	0.4906
	Pumping stopped December 4,											
	12/23/2003	(372)	0.310	0.130	ND	0.001	ND	ND	0.0058	0.0008	ND	0.4613
	3/30/2004	(391)	0.330	0.130	ND	0.001	ND	ND	0.0095	ND	ND	0.4859
	6/25/2004	(399)	0.280	0.120	ND	0.001	ND	ND	0.0076	ND	ND	0.4280
	9/20/2004	(418)	0.310	0.140	ND	ND	ND	ND	0.0086	ND	ND	0.4812
	11/30/2004	(441)	0.370	0.150	ND	0.0014J	ND	ND	0.0092	0.0013	ND	0.5471
	2/9/2005	(459)	0.280	0.120	ND	ND	ND	ND	0.0081	0.0013J	ND	0.4220
	5/12/2005	(482)	0.340	0.150	ND	0.0019J	ND	ND	0.0091	ND	ND	0.5270
	8/17/2005	(502)	0.300	0.120	ND	0.0011J	ND	ND	0.0087	ND	ND	0.4513
	11/1/2005	(523)	0.330	0.130	ND	0.0014	ND	ND	0.0110	0.0016	ND	0.4981
	3/15/2006	(543)	0.360	0.120	ND	ND	ND	ND	0.0100	0.0012J	ND	0.5048
	3/15/2006	(544)	0.350	0.110	ND	0.0010J	ND	ND	0.0097	0.0012J	ND	0.4860
	5/22/2006	(558)	0.320	0.140	<0.0025	<0.0025	<0.0025	ND	0.0097	<0.0025	<0.0025	0.4967
E2	9/20/2006	(577)	0.320	0.130	<0.0036	<0.0036	<0.0036	ND	0.0110	<0.0036	<0.0036	0.4860
	12/6/2006	(594)	0.310	0.170	<0.0025	<0.0025	<0.0025	<0.025	0.0110	0.0017J	<0.0025	0.5132
	5/22/2007	(620)	0.290	0.150	<0.0025	0.0016J	<0.0025	<0.025	0.0093	<0.0025	<0.0025	0.4769
	11/1/2007	(638)	0.260	0.170	<0.0017	0.0010J	<0.0017	<0.017	0.0074	0.0015J	<0.0017	0.4639
	6/3/2008	(658)	0.270	0.160	<0.002	0.0015J	<0.002	<0.020	0.0076	0.0012J	<0.002	0.4663
	11/5/2008	(688)	0.280	0.160	<0.002	0.0017J	<0.002	<0.020	0.0083	0.0017J	<0.002	0.4787
	5/13/2009	(716)	0.200	0.150	<0.0020	0.0014J	<0.0020	<0.020	0.0055	<0.0020	<0.0020	0.3809
	11/12/2009	(733)	0.230	0.210	<0.0017	0.0011J	<0.0017	<0.017	0.0068	0.001J	<0.0017	0.4908
	5/26/2010	(748)	0.200	0.160	<0.0017	0.0016J	<0.0017	<0.017	0.0067	0.0012J	<0.0017	0.3965
	12/16/2010	(775)	0.180	0.190	<0.0017	0.0016J	<0.0017	<0.017	0.0046	0.0011J	<0.0017	0.3986
	5/18/2011	(792)	0.180	0.230	<0.0017	0.0010J	<0.0017	<0.0067	0.0046	0.0011J	<0.0017	0.4443
	11/15/2011	(827)	0.180	0.200	<0.0017	0.0015J	<0.0017	<0.017	0.0055	0.0012J	<0.0017	0.4149
	6/12/2012	(844)	0.230	0.170	<0.0017	0.0015J	<0.0017	<0.0067	0.0058	0.002	<0.0017	0.4156
	11/30/2012	(869)	0.230	0.190	<0.002	0.0011J	<0.002	<0.008	0.0065	0.0036	<0.002	0.4586
	6/7/2013	(885)	0.160	0.130	<0.0017	<0.0017	<0.0017	<0.0067	0.0052	0.0031	<0.0017	0.3172
	11/8/2013	(909)	0.200	0.160	<0.002	0.0012J	<0.002	<0.008	0.007	0.0042	<0.002	0.3943
	5/15/2014	(925)	0.200	0.180	<0.0005	0.0016	<0.0005	<0.002	0.007	0.0058	<0.0005	0.4244
	12/5/2014	(950)	0.180	0.180	<0.0017	<0.0017	<0.0017	<0.0067	0.006	0.0046	<0.0017	0.3932
	7/1/2015	(974)	0.170	0.190	<0.0017	0.0011 J	<0.0017	<0.0067	0.0056	0.01	<0.0017	0.4027
E3	7/27/1988	(c)	1.2000	0.5900	ND	0.0011	0.0005	ND	0.0100	0.0005	ND	1.8171
	7/27/1988		1.6000	0.4500	ND	ND	ND	ND	0.0190	ND	ND	2.0690
	7/28/1988	(d)	1.3000	0.3600	ND	0.0009	0.0005	0.0220	0.0150	0.0004	ND	1.7065
	7/28/1988		1.8000	0.5000	ND	ND	ND	0.0190	0.0170	ND	ND	2.3360
	Pumping started Jan 1990											
	1/22/1990		0.7400	0.1800	ND	ND	ND	ND	0.0180	ND	ND	0.9200
	4/3/1990		0.8700	0.2600	ND	ND	ND	ND	0.0170	ND	ND	1.1300
	6/7/1990		0.9300	0.2000	ND	ND	ND	ND	0.0190	ND	ND	1.1300
	8/30/1990		0.1000	0.9100	ND	ND	ND	ND	ND	ND	ND	1.0100
	12/4/1990		0.7700	0.2000	ND	ND	ND	ND	0.0087	ND	ND	0.9700
	2/7/1991		0.1700	1.1000	ND	ND	ND	ND	ND	ND	ND	1.2700
	5/8/1991		0.7700	0.1500	ND	ND	ND	ND	0.0110	ND	ND	0.9200
	8/23/1991	(40)	0.5300	0.1100	ND	ND	ND	ND	ND	ND	ND	0.6400
	12/2/1991		0.9400	0.2000	ND	ND	ND	ND	0.0200	ND	ND	1.1400
	3/3/1992		0.8100	0.1600	ND	ND	ND	ND	ND	ND	ND	0.9700
	5/27/1992		0.7100	0.0530	ND	ND	ND	ND	ND	ND	ND	0.7630
	9/3/1992		0.9000	0.1800	ND	ND	ND	ND	ND	ND	ND	1.0800
	11/25/1992		0.7600	0.2000	ND	ND	ND	ND	ND	ND	ND	0.9600
	3/3/1993		0.6300	0.1700	ND	ND	ND	ND	ND	ND	ND	0.8000
	5/18/1993		0.7000	0.1700	ND	ND	ND	ND	ND	ND	ND	0.8700
	11/22/1993		0.7000	0.1700	ND	ND	ND	ND	0.0150	ND	ND	0.8700
	2/15/1994		0.5500	0.1500	ND	ND	ND	ND	0.0100	ND	ND	0.7000
	5/18/1994		0.5900	0.1500	ND	ND	ND	ND	0.0110	ND	ND	0.7400
	8/17/1994		0.6100	0.1400	ND	ND	ND	ND	0.0120	ND	ND	0.7500
	11/29/1994	(98)	0.6000	0.1400	ND	ND	ND	ND	0.0130	ND	ND	0.7520
	2/15/1995		0.4900	0.1300	ND	ND	ND	ND	ND	ND	ND	0.6200
	2/15/1995		0.4900	0.1300	ND	ND	ND	ND	ND	ND	ND	0.6200
	5/17/1995		0.5900	0.1500	ND	ND	ND	ND	0.0140	ND	ND	0.7400
	5/17/1995		0.5800	0.1500	ND	ND	ND	ND	0.0140	ND	ND	0.7300
	8/16/1995		0.6600	0.1600	ND	ND	ND	ND	0.0140	ND	ND	0.8200
	12/1/1995	(108)	0.6700	0.1400	ND	ND	ND	ND	0.0120	ND	ND	0.8140
	2/14/1996		0.4800	0.1100	ND	ND	ND	ND	ND	ND	ND	0.5900
	2/14/1996		0.5000	0.1100	ND	ND	ND	ND	ND	ND	ND	0.6100

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
	5/14/1996		0.5100	0.1100	ND	ND	ND	ND	0.0110	ND	ND	0.6200
	5/14/1996		0.4400	0.0960	ND	ND	ND	ND	ND	ND	ND	0.5360
	8/21/1996		0.5500	0.1300	ND	ND	ND	ND	ND	ND	ND	0.6800
	11/22/1996		0.470	0.100	ND	ND	ND	ND	ND	ND	ND	0.5700
	11/22/1996		0.500	0.110	ND	ND	ND	ND	ND	ND	ND	0.6100
	2/13/1997		0.390	0.110	ND	ND	ND	ND	ND	ND	ND	0.5000
	5/14/1997		0.530	0.140	ND	ND	ND	ND	0.010	ND	ND	0.6700
	5/14/1997	(121)	0.560	0.140	ND	ND	ND	ND	0.011	ND	ND	0.7000
	8/28/1997	(124)	0.550	0.130	ND	ND	ND	ND	0.010	ND	ND	0.6840
	11/12/1997		0.610	0.150	ND	ND	ND	NA	ND	ND	ND	0.7600
	2/19/1998		0.490	0.097	ND	ND	ND	ND	0.007	ND	ND	0.5870
	6/3/1998		0.490	0.110	ND	ND	ND	ND	0.008	ND	ND	0.6000
	8/13/1998	(145)	0.764	0.121	ND	ND	ND	ND	0.016	ND	ND	0.8955
	11/30/1998		1.277	0.169	ND	ND	ND	ND	0.0288	ND	ND	1.4460
	2/24/1999		1.240	0.172	ND	ND	ND	ND	0.0292	ND	ND	1.4120
	6/3/1999		0.710	0.146	ND	ND	ND	ND	ND	ND	ND	0.8560
	8/11/1999		1.100	0.153	ND	ND	ND	ND	0.034	ND	ND	1.2530
	12/7/1999	(161)	0.644	0.153	ND	ND	ND	ND	ND	ND	ND	0.8080
	3/16/2000		0.397	0.129	ND	ND	ND	ND	ND	ND	ND	0.5260
	5/11/2000		0.633	0.146	ND	ND	ND	ND	0.013	ND	ND	0.7790
E3	8/30/2000		0.467	0.135	ND	ND	ND	ND	0.000	ND	ND	0.6020
	11/30/2000		0.444	0.129	ND	ND	ND	ND	ND	ND	ND	0.5730
	3/5/2001		0.371	0.159	ND	ND	ND	ND	ND	ND	ND	0.5300
	5/15/2001		0.480	0.135	ND	ND	ND	ND	0.010	ND	ND	0.6231
	8/14/2001	(193)	0.380	0.110	ND	0.0012	ND	ND	0.0073	0.0014	ND	0.4993
	11/26/2001		0.370	0.110	ND	ND	ND	ND	0.0081	ND	ND	0.4800
	11/26/2001	(208)	0.320	0.110	ND	0.0018	ND	ND	0.0085	ND	0.0007	0.4363
	2/12/2002	(223)	0.390	0.100	ND	ND	ND	ND	0.0069	ND	ND	0.5023
	5/14/2002	(236)	0.420	0.100	ND	ND	ND	ND	0.0071	ND	ND	0.5296
	8/9/2002	(253)	0.360	0.120	ND	0.0014	ND	ND	0.0071	ND	0.0019	0.4927
	11/14/2002	(266)	0.490	0.120	ND	0.0010	ND	ND	0.0073	0.0009	0.0019	0.6213
	2/27/2003	(292)	0.370	0.110	ND	0.0012	ND	ND	0.0072	ND	ND	0.4945
	6/17/2003	(310)	0.340	0.110	ND	ND	ND	ND	0.0079	0.0015	ND	0.4606
	9/30/2003	(340)	0.340	0.140	ND	ND	ND	ND	0.0073	0.0015	ND	0.4981
	Pumping stopped December 4, 2003											
	12/18/2003	(355)	0.280	0.120	ND	0.0010	ND	ND	0.0040	ND	ND	0.4143
	3/17/2004	(379)	0.300	0.120	ND	0.0013	ND	ND	0.0076	ND	ND	0.4370
	6/9/2004	(401)	0.250	0.130	ND	0.0014	ND	ND	0.0065	0.0090	ND	0.3976
	9/20/2004	(419)	0.300	0.140	ND	ND	ND	ND	0.0068	ND	ND	0.4586
	11/30/2004	(442)	0.340	0.190	ND	0.0018	ND	ND	0.0078	0.0009J	ND	0.5600
	2/9/2005	(460)	0.320	0.150	ND	0.0016J	ND	ND	0.0064	ND	ND	0.4941
	5/12/2005	(483)	0.330	0.160	ND	0.0019	ND	ND	0.0073	ND	ND	0.5181
	8/17/2005	(503)	0.300	0.140	ND	0.0014J	ND	ND	0.0065	ND	ND	0.4648
	11/3/2005	(526)	0.320	0.170	ND	0.0017	ND	ND	0.0064	ND	ND	0.5153
	3/16/2006	(545)	0.330	0.180	ND	0.0015J	ND	ND	0.0064	0.0010J	ND	0.5340
	5/19/2006	(559)	0.280	0.160	<0.0020	0.0014J	<0.0020	<0.020	0.0064	<0.0020	<0.0020	0.4680
	9/21/2006	(578)	0.260	0.140	<0.0020	0.0013J	<0.0020	<0.020	0.0074	<0.0020	<0.0020	0.4250
	12/6/2006	(595)	0.210	0.150	<0.0017	<0.0017	<0.0017	<0.017	0.0058	<0.0017	<0.0017	0.3787
	5/21/2007	(629)	0.270	0.140	<0.0017	0.0010J	<0.0017	<0.017	0.0062	<0.0017	<0.0017	0.4302
	5/21/2007	(630)	0.270	0.140	<0.0017	<0.0017	<0.0017	<0.017	0.0063	<0.0017	<0.0017	0.4288
	11/1/2007	(639)	0.300	0.110	<0.0025	<0.0025	<0.0025	<0.025	0.0099	<0.0025	<0.0025	0.4297
	6/3/2008	(659)	0.250	0.150	<0.0020	0.0013J	<0.0020	<0.020	0.0059	<0.0020	<0.0020	0.4230
	11/6/2008	(689)	0.360	0.120	<0.0025	<0.0025	<0.0025	<0.025	0.0140	<0.0025	<0.0025	0.4976
	5/14/2009	(707)	0.220	0.110	<0.0017	<0.0017	<0.0017	<0.017	0.0053	<0.0017	<0.0017	0.3490
	11/17/2009	(734)	0.190	0.160	<0.0013	0.0011J	<0.0013	<0.013	0.0054	0.0007J	<0.0013	0.3757
	5/26/2010	(749)	0.230	0.160	<0.0013	0.0008J	<0.0013	<0.013	0.0038	0.0009J	<0.0013	0.4094
	5/26/2010	(750)	0.220	0.130	<0.0013	0.0014	<0.0013	<0.013	0.0059	0.0006J	<0.0013	0.374
	12/15/2010	(776)	0.210	0.160	<0.0013	0.001J	<0.0013	<0.013	0.0048	0.0007J	<0.0013	0.3903
	5/18/2011	(793)	0.190	0.130	<0.0020	<0.0020	<0.0020	<0.008	0.0046	<0.0020	<0.0020	0.3377
	11/15/2011	(828)	0.200	0.150	<0.0005	0.0012	<0.0005	<0.005	0.0059	0.0006	<0.0005	0.3735
	6/12/2012	(845)	0.210	0.120	<0.002	<0.002	<0.002	<0.008	0.0047	<0.002	<0.002	0.3470
	11/27/2012	(870)	0.190	0.140	<0.0017	0.0009J	<0.0017	<0.0067	0.0049	0.0026	<0.0017	0.3552
	6/5/2013	(886)	0.160	0.130	<0.0017	<0.0017	<0.0017	<0.0067	0.004	0.0024	<0.0017	0.3106
	11/8/2013	(910)	0.180	0.120	<0.0013	<0.0017	<0.0013	<0.005	0.0043	0.0021	<0.0013	0.3160
	5/14/2014	(926)	0.150	0.120	<0.0013	0.0008 J	<0.0013	<0.005	0.0033	0.0018	<0.0013	0.2896
	12/6/2014	(951)	0.180	0.150	<0.001	0.0009 J	<0.001	<0.004	0.0046	0.0035	<0.001	0.3557
	6/27/2015	(964)	0.160	0.130	<0.0017	0.0013 J	<0.0017	<0.0067	0.0045	0.0065	<0.0017	0.3187

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
E4	8/3/1988		0.8500	0.1400	ND	0.0004	ND	0.0064	0.0055	0.0008	ND	1.0031
	8/3/1988		1.4000	0.1900	ND	ND	ND	0.0740	0.0086	ND	ND	1.6726
	Pumping started Jan 1990											
	1/22/1990		0.6100	0.0970	ND	ND	ND	ND	ND	ND	ND	0.7070
	4/4/1990		0.6500	0.1700	ND	ND	ND	ND	0.0086	ND	ND	0.8286
	6/7/1990		0.7700	0.1400	ND	ND	ND	ND	0.0094	ND	ND	0.9194
	8/30/1990		0.8200	0.1500	ND	ND	ND	ND	ND	ND	ND	0.9700
	12/4/1990		0.6900	0.1500	ND	ND	ND	ND	0.0120	ND	ND	0.8520
	2/7/1991		0.6100	0.1200	ND	ND	ND	ND	0.0120	ND	ND	0.7420
	5/8/1991		0.6500	0.1200	ND	ND	ND	ND	0.0078	ND	ND	0.7778
	8/23/1991		0.7600	0.1700	ND	ND	ND	ND	ND	ND	ND	0.9300
	12/2/1991		0.8000	0.1600	ND	ND	ND	ND	0.0070	ND	ND	0.9670
	3/3/1992	(71)	0.7000	0.1400	ND	ND	ND	ND	ND	ND	ND	0.8400
	5/27/1992		0.5100	0.0370	ND	ND	ND	ND	ND	ND	ND	0.5470
	9/3/1992		0.6800	0.1300	ND	ND	ND	ND	ND	ND	ND	0.8100
	11/25/1992		0.5900	0.1500	ND	ND	ND	ND	ND	ND	ND	0.7400
	3/3/1993		0.5700	0.1500	ND	ND	ND	ND	ND	ND	ND	0.7200
	5/18/1993		0.6200	0.1500	ND	ND	ND	ND	ND	ND	ND	0.7700
	8/25/1993		0.6800	0.1500	ND	ND	ND	ND	ND	ND	ND	0.8300
	11/22/1993		0.6300	0.1600	ND	ND	ND	ND	ND	ND	ND	0.7900
	11/22/1993		0.6200	0.1600	ND	ND	ND	ND	ND	ND	ND	0.7800
	2/15/1994		0.5100	0.1400	ND	ND	ND	ND	ND	ND	ND	0.6500
	5/18/1994		0.5600	0.1400	ND	ND	ND	ND	ND	ND	ND	0.7000
E4	11/29/1994		0.5400	0.1300	ND	ND	ND	ND	ND	ND	ND	0.6700
	2/15/1995		0.4300	0.1300	ND	ND	ND	ND	ND	ND	ND	0.5600
	5/17/1995		0.5500	0.1500	ND	ND	ND	ND	ND	ND	ND	0.7000
	8/16/1995		0.6000	0.1500	ND	ND	ND	ND	ND	ND	ND	0.7500
	12/1/1995		0.6800	0.1800	ND	ND	ND	ND	0.0080	ND	ND	0.8680
	2/14/1996		0.5600	0.1700	ND	ND	ND	ND	ND	ND	ND	0.7300
	6/17/1996		0.4600	0.1300	ND	ND	ND	ND	ND	ND	ND	0.5900
	8/21/1996		0.5500	0.1500	ND	ND	ND	ND	ND	ND	ND	0.7000
	11/22/1996		0.400	0.120	ND	ND	ND	ND	ND	ND	ND	0.5200
	2/13/1997		0.360	0.130	ND	ND	ND	ND	ND	ND	ND	0.4900
	5/14/1997		0.560	0.180	ND	ND	ND	ND	ND	ND	ND	0.7400
	8/28/1997		0.470	0.140	ND	ND	ND	ND	0.004	ND	ND	0.6140
	11/12/1997		0.540	0.180	ND	ND	ND	NA	ND	ND	ND	0.7200
	2/19/1998	(131)	0.440	0.170	ND	ND	ND	0.003	0.005	ND	ND	0.6210
	6/3/1998	(139)	0.440	0.160	ND	ND	ND	ND	0.005	ND	ND	0.6080
	8/13/1998		0.652	0.139	ND	ND	ND	ND	0.009	ND	ND	0.8000
	12/1/1998		1.346	0.291	ND	ND	ND	ND	ND	ND	ND	1.6370
	2/24/1999		1.150	0.263	ND	ND	ND	ND	ND	ND	ND	1.4130
	6/3/1999		0.966	0.217	ND	ND	ND	ND	ND	ND	ND	1.1830
	8/11/1999		1.180	0.295	ND	ND	ND	ND	ND	ND	ND	1.4750
	12/7/1999		0.665	0.238	ND	ND	ND	ND	ND	ND	ND	0.9030
	3/16/2000		0.375	0.184	ND	ND	ND	ND	ND	ND	ND	0.5590
	5/12/2000		0.489	0.146	ND	ND	ND	ND	ND	ND	ND	0.6350
	8/30/2000		0.406	0.202	ND	ND	ND	ND	ND	ND	ND	0.6080
	11/30/2000		0.413	0.181	ND	ND	ND	ND	ND	ND	ND	0.5940
	3/5/2001		0.395	0.277	ND	ND	ND	ND	ND	ND	ND	0.6720
	5/15/2001		0.318	0.179	ND	ND	ND	ND	ND	ND	ND	0.4970
	8/14/2001	(190)	0.340	0.170	ND	ND	ND	ND	0.0040	0.0014	ND	0.5192
	11/26/2001	(209)	0.330	0.180	ND	0.0014	ND	0.0019	0.0038	ND	ND	0.5195
	2/12/2002	(224)	0.410	0.190	ND	ND	ND	0.0049	ND	ND	ND	0.6114
	5/14/2002	(237)	0.410	0.180	ND	ND	ND	0.0043	ND	ND	ND	0.5978
	8/9/2002	(254)	0.360	0.200	ND	ND	ND	ND	0.0043	0.0018	ND	0.5700
	11/14/2002	(267)	0.490	0.210	ND	0.0009	ND	0.002	0.0049	0.0014	ND	0.7125
	2/27/2003	(293)	0.370	0.190	ND	ND	ND	ND	0.0051	0.0011	ND	0.5716
	6/17/2003	(311)	0.330	0.170	ND	ND	ND	ND	0.0054	ND	ND	0.5106
	9/30/2003	(331)	0.410	0.130	ND	ND	ND	ND	0.0086	ND	ND	0.5508
	Pumping stopped December 4, 2003											
	12/18/2003	(356)	0.200	0.180	ND	ND	ND	ND	0.0014	0.0018	ND	0.3857
	3/17/2004	(380)	0.220	0.160	ND	ND	ND	ND	0.0026	0.0014	ND	0.3867
	6/9/2004	(402)	0.200	0.160	ND	ND	ND	ND	0.0024	0.002	ND	0.3678
	9/20/2004	(420)	0.200	0.180	ND	ND	ND	ND	0.0022	0.0021	ND	0.3862
	12/1/2004	(443)	0.2500	0.1800	ND	ND	ND	ND	0.0026	0.0017	ND	0.4370
	12/1/2004	(444)	0.2500	0.1800	ND	ND	ND	ND	0.0022	0.0018	ND	0.4373
	2/9/2005	(461)	0.2200	0.1500	ND	ND	ND	ND	0.0026	0.0019	ND	0.3768

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
	2/9/2005	(462)	0.2300	0.1600	ND	ND	ND	ND	0.0023	0.0018	ND	0.3962
	5/12/2005	(484)	0.2300	0.1700	ND	ND	ND	ND	0.0025	0.0019	ND	0.4074
	8/17/2005	(504)	0.2100	0.1600	ND	0.0007J	ND	ND	0.0027	0.0014	ND	0.3779
	11/3/2005	(524)	0.2400	0.1800	ND	0.0011J	ND	ND	0.0026	0.0017	ND	0.4286
	3/16/2006	(546)	0.2200	0.2100	ND	0.0007J	ND	ND	0.0028	0.0027	ND	0.4406
	5/19/2006	(570)	0.2100	0.1700	<0.0017	<0.0017	<0.0017	<0.017	0.0026	0.0016J	<0.0017	0.2185
	9/20/2006	(579)	0.2100	0.1500	<0.0020	<0.0020	<0.0020	<0.020	0.0030	0.0016J	<0.0020	0.3683
	9/20/2006	(592)	0.2400	0.2000	<0.0013	0.0007J	<0.0020	<0.020	0.0031	0.0019	<0.0013	0.4502
	12/6/2006	(597)	0.2100	0.2000	<0.0017	<0.0017	<0.0017	<0.017	0.0028	0.0022	<0.0017	0.4185
	5/23/2007	(625)	0.1900	0.1600	<0.0017	<0.0017	<0.0017	<0.017	0.0028	0.0014J	<0.0017	0.3580
	11/1/2007	(640)	0.2500	0.1900	<0.0020	<0.0020	<0.0020	<0.020	0.0029	0.0022	<0.0020	0.4671
	6/4/2008	(663)	0.1900	0.2000	<0.0017	0.0008J	<0.0017	<0.017	0.0022	0.0019	<0.0017	0.3978
	6/4/2008	(664)	0.1800	0.2100	<0.0005	0.0011	<0.0005	0.0069	0.0030	0.0026	<0.0005	0.4078
	11/5/2008	(690)	0.2000	0.2000	<0.0013	0.0008J	<0.0013	0.008J	0.0026	0.0019	<0.0013	0.4162
	5/13/2009	(717)	0.1600	0.1600	<0.0013	0.0007J	<0.0013	<0.013	0.0014	0.0017	<0.0013	0.3267
	11/16/2009	(735)	0.190	0.190	<0.0017	<0.0017	<0.0017	<0.017	0.0027	0.0028	<0.0017	0.3905
	11/16/2009	(736)	0.190	0.170	<0.0017	0.0009J	<0.0017	<0.017	0.0023	0.0019	<0.0017	0.3699
	5/26/2010	(751)	0.160	0.160	<0.0017	0.0011J	<0.0017	<0.017	0.0027	0.0023	<0.0017	0.3295
	12/17/2010	(777)	0.190	0.019	<0.002	<0.002	<0.002	<0.02	0.008	<0.002	<0.002	0.218
	12/17/2010	(778)	0.170	0.210	<0.0005	0.0012	<0.0005	0.0063	0.0026	0.0035	<0.0005	0.3964
	5/18/2011	(794)	0.140	0.210	<0.0013	0.0007J	<0.0013	0.0048J	0.0016	0.0027	<0.0013	0.3632
	11/15/2011	(829)	0.170	0.200	<0.0005	0.0008	<0.0005	0.0062	0.0025	0.0032	<0.0005	0.3857
	6/12/2012	(846)	0.160	0.170	<0.0017	<0.0017	<0.0017	0.0049J	0.0022	0.0038	<0.0017	0.345
	6/12/2012	(847)	0.160	0.170	<0.0013	0.0008J	<0.0013	0.0056	0.0023	0.0028	<0.0013	0.3455
	11/27/2012	(871)	0.160	0.180	<0.0017	<0.0017	<0.0017	0.0041J	0.0022	0.0045	<0.0017	0.3571
	6/5/2013	(887)	0.160	0.160	<0.0017	<0.0017	<0.0017	0.0039J	0.0025	0.0057	<0.0017	0.3353
	11/8/2013	(911)	0.180	0.250	<0.0017	0.0009J	<0.0017	0.0051J	0.0022	0.0087	<0.0017	0.4513
	5/16/2014	(927)	0.140	0.180	<0.0005	0.0012	<0.0005	0.0057	0.0027	0.012	<0.0005	0.3459
E4	12/5/2014	(952)	0.160	0.180	<0.0010	0.0006J	<0.0010	0.0030J	0.0024	0.0079	<0.0010	0.3580
	6/28/2015	(965)	0.120	0.190	<0.0013	<0.0013	<0.0013	<0.005	0.0014	0.011	<0.0013	0.3253
E5	7/29/1988	(e)	0.7500	0.1900	0.0010	0.0006	0.0007	0.0180	0.0067	ND	ND	0.9681
	7/29/1988		0.9500	0.3000	ND	ND	ND	0.0310	0.0077	ND	ND	1.2887
	Pumping started Jan 1990											
	1/5/1990		0.7200	0.2000	ND	ND	ND	ND	0.0053	ND	ND	0.9253
	4/4/1990		0.8000	0.0980	ND	ND	ND	0.0140	0.0150	ND	ND	0.9270
	6/8/1990		0.4000	0.1100	ND	ND	ND	ND	0.0088	ND	ND	0.5188
	8/30/1990		0.6200	0.0960	ND	ND	ND	ND	ND	ND	ND	0.7160
	12/4/1990		0.4000	0.0660	ND	ND	ND	ND	ND	ND	ND	0.4660
	2/7/1991		0.3200	0.0670	ND	ND	ND	ND	ND	ND	ND	0.3870
	5/8/1991		0.2200	0.1300	ND	ND	ND	ND	ND	ND	ND	0.3500
	8/23/1991		0.4100	0.0670	ND	ND	ND	ND	ND	ND	ND	0.4770
	12/2/1991		0.3400	0.0690	ND	ND	ND	ND	ND	ND	ND	0.4090
	3/3/1992		0.3700	0.0560	ND	ND	ND	ND	ND	ND	ND	0.4260
	5/27/1992		0.3600	0.0190	ND	ND	ND	ND	ND	ND	ND	0.3790
	11/25/1992		0.3000	0.2800	ND	ND	ND	ND	ND	ND	ND	0.5800
	5/18/1993		0.5900	0.1200	ND	ND	ND	ND	ND	ND	ND	0.7100
	8/25/1993		0.4800	0.0730	ND	ND	ND	ND	ND	ND	ND	0.5530
	11/22/1993		0.2900	0.0720	ND	ND	ND	0.0071	ND	ND	ND	0.3691
	2/15/1994		0.5200	0.0640	ND	ND	ND	ND	0.0140	ND	ND	0.5980
	5/18/1994		0.4400	0.0870	ND	ND	ND	ND	ND	ND	ND	0.5270
	8/17/1994		0.4000	0.0910	ND	ND	ND	0.0110	ND	ND	ND	0.5020
	11/29/1994		1.1000	0.0890	ND	ND	ND	ND	0.036	ND	ND	1.2250
	2/15/1995		0.4300	0.1100	ND	ND	ND	ND	ND	ND	ND	0.5400
	5/17/1995		0.5300	0.1200	ND	ND	ND	ND	ND	ND	ND	0.6500
	8/16/1995		0.5800	0.1000	ND	ND	ND	ND	ND	ND	ND	0.6800
	12/1/1995	(110)	0.4700	0.1100	ND	ND	ND	0.0200	0.0050	ND	ND	0.6070
	2/14/1996		0.4200	0.0930	ND	ND	ND	ND	ND	ND	ND	0.5130
	5/14/1996		0.4700	0.0870	ND	ND	ND	ND	ND	ND	ND	0.5570
	11/22/1996		0.500	0.110	ND	ND	ND	ND	ND	ND	ND	0.6100
	2/13/1997		0.340	0.099	ND	ND	ND	ND	ND	ND	ND	0.4390
	5/14/1997		0.500	0.120	ND	ND	ND	ND	ND	ND	ND	0.6200
	8/28/1997		0.470	0.089	ND	ND	ND	ND	0.005	ND	ND	0.5640
	11/12/1997		0.140	0.096	ND	ND	ND	NA	0.007	ND	ND	0.2430
	2/19/1998	(132)	0.350	0.073	ND	ND	ND	ND	ND	ND	ND	0.4260
	6/3/1998		0.390	0.080	ND	ND	ND	ND	0.004	ND	ND	0.4740
	8/13/1998		1.300	0.146	ND	ND	ND	ND	0.020	ND	ND	1.4660
	12/1/1998		1.132	0.122	ND	ND	ND	ND	ND	ND	ND	1.2540
	2/24/1999		0.770	0.090	ND	ND	ND	ND	ND	ND	ND	0.8600
	6/3/1999		0.945	0.100	ND	ND	ND	ND	ND	ND	ND	1.0450

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
	8/11/1999		1.250	0.133	ND	ND	ND	ND	0.0224	ND	ND	1.4054
	12/7/1999		0.576	0.0928	ND	ND	ND	ND	ND	ND	ND	0.6688
	3/16/2000		0.311	0.108	ND	ND	ND	ND	ND	ND	ND	0.4190
	5/12/2000		0.435	0.070	ND	ND	ND	ND	ND	ND	ND	0.5046
	8/30/2000		0.428	0.098	ND	ND	ND	ND	ND	ND	ND	0.5260
	11/30/2000		0.414	0.084	ND	ND	ND	ND	ND	ND	ND	0.4983
	3/5/2001		0.333	0.106	ND	ND	ND	ND	ND	ND	ND	0.4390
	5/15/2001		0.373	0.074	ND	ND	ND	ND	ND	ND	ND	0.4467
	8/14/2001	(187)	0.310	0.065	ND	ND	ND	ND	0.0044	ND	ND	0.3820
	11/26/2001	(210)	0.300	0.063	ND	ND	ND	ND	0.0041	ND	ND	0.3711
	2/12/2002	(225)	0.330	0.065	ND	ND	ND	ND	0.0049	ND	ND	0.4016
	5/14/2002	(238)	0.360	0.066	ND	ND	ND	ND	0.0057	ND	ND	0.4335
	8/9/2002	(257)	0.350	0.074	ND	ND	ND	ND	0.0059	ND	ND	0.4318
	11/14/2002	(268)	0.490	0.073	ND	ND	ND	ND	0.0053	ND	ND	0.5708
	2/27/2003	(294)	0.300	0.068	ND	ND	ND	ND	0.0042	ND	ND	0.3738
	6/17/2003	(312)	0.310	0.071	ND	ND	ND	ND	0.0061	ND	ND	0.3890
	9/30/2003	(335)	0.300	0.093	ND	ND	ND	ND	0.0049	ND	ND	0.3996
	Pumping stopped December 4, 2003											
	12/18/2003	(358)	0.250	0.084	ND	ND	ND	ND	0.0025	ND	ND	0.3381
	3/17/2004	(381)	0.230	0.130	ND	ND	ND	ND	0.0035	ND	ND	0.3660
	6/10/2004	(403)	0.210	0.170	ND	ND	ND	ND	0.0027	ND	ND	0.3864
	9/21/2004	(421)	0.190	0.200	ND	ND	ND	ND	0.0023	ND	ND	0.3960
	12/3/2004	(445)	0.220	0.200	ND	ND	ND	ND	ND	ND	ND	0.4233
	2/11/2005	(468)	0.240	0.170	ND	0.0011J	ND	ND	0.0031	ND	ND	0.4172
	5/12/2005	(485)	0.220	0.170	ND	0.0010J	ND	ND	0.0027	ND	ND	0.3968
	8/17/2005	(505)	0.230	0.160	ND	ND	ND	ND	0.0032	ND	ND	0.3966
	11/3/2005	(528)	0.340	0.180	ND	0.0011	ND	ND	0.0079	0.0007J	ND	0.5334
	3/16/2006	(547)	0.400	0.150	ND	ND	ND	ND	0.0092	ND	ND	0.5631
	5/19/2006	(569)	0.230	0.170	<0.0017	0.0009J	<0.0017	<0.017	0.0037	<0.0017	<0.0017	0.4093
E5	9/21/2006	(580)	0.230	0.160	<0.0017	<0.0017	<0.0017	<0.017	0.0041	<0.0017	<0.0017	0.3973
	12/6/2006	(608)	0.230	0.200	<0.0025	<0.0025	<0.0025	<0.025	0.0044	<0.0025	<0.0025	0.4383
	5/23/2007	(621)	0.320	0.120	<0.0017	0.0009J	<0.0017	<0.017	0.0150	<0.0017	<0.0017	0.4585
	5/23/2007	(622)	0.310	0.120	<0.0017	0.0009J	<0.0017	<0.017	0.0140	<0.0017	<0.0017	0.4477
	11/2/2007	(641)	0.220	0.160	<0.0017	0.001J	<0.0017	<0.017	0.0066	0.0013J	<0.0017	0.3936
	6/4/2008	(661)	0.170	0.220	<0.0017	0.0013J	<0.0017	<0.017	0.0026	<0.0017	<0.0017	0.3979
	11/6/2008	(691)	0.180	0.210	<0.0013	0.0011J	<0.0013	<0.013	0.0030	0.0009J	<0.0013	0.3994
	5/13/2009	(718)	0.140	0.170	<0.0013	0.0007J	<0.0013	<0.013	0.0021	0.0018	<0.0013	0.3179
	11/17/2009	(737)	0.120	0.220	<0.0017	0.0012J	<0.0017	<0.017	0.0021	0.0030	<0.0017	0.3541
	5/26/2010	(752)	0.160	0.160	<0.0013	0.0011J	<0.0013	<0.013	0.0035	0.0016	<0.0013	0.3294
	12/15/2010	(779)	0.130	0.140	<0.0005	0.001	0.0003J	<0.005	0.0024	0.0026	<0.0005	0.2805
	5/18/2011	(795)	0.170	0.190	<0.0013	0.0010J	<0.0013	<0.005	0.0040	0.0016	<0.0013	0.3697
	11/15/2011	(830)	0.130	0.180	<0.0005	0.0009	0.0003J	<0.005	0.0023	0.0025	<0.0005	0.3198
	6/12/2012	(848)	0.220	0.140	<0.0017	<0.0017	<0.0017	0.004J	0.0048	0.0089	<0.0017	0.3794
	11/27/2012	(872)	0.150	0.150	<0.0013	0.0007J	<0.0013	<0.005	0.0037	0.0073	<0.0013	0.3154
	6/3/2013	(899)	0.100	0.160	<0.0013	<0.0013	<0.0013	<0.005	0.0019	0.0084	<0.0013	0.2727
	11/8/2013	(912)	0.110	0.190	<0.0013	0.0009J	<0.0013	0.0026J	0.0020	0.010	<0.0013	0.3182
	5/14/2014	(928)	0.120	0.200	<0.0013	0.0011 J	<0.0013	<0.005	0.0018	0.017	<0.0013	0.3437
	12/6/2014	(953)	0.120	0.200	<0.0017	0.0010 J	<0.0017	<0.0067	0.0023	0.021	<0.0017	0.3473
	6/27/2015	(966)	0.140	0.180	<0.0017	0.0011 J	<0.0017	<0.0067	0.004	0.021	<0.0017	0.3489
E6	8/5/1988		1.4000	0.2800	0.0013	0.0007	0.0008	0.0059	0.0120	ND	0.0073	1.7080
	8/5/1988		1.4000	0.2800	ND	ND	ND	0.1100	ND	ND	ND	1.7900
	Pumping started Jan 1990											
	1/5/1990		0.5900	0.1300	ND	ND	ND	ND	0.0058	ND	ND	0.7258
	4/4/1990		0.1900	0.0500	ND	ND	ND	0.0150	ND	ND	ND	0.2550
	6/8/1990		0.1800	0.0320	0.0007	0.0005	0.0006	0.0200	0.0033	ND	ND	0.2372
	8/30/1990		0.2500	0.0290	ND	ND	ND	ND	ND	ND	ND	0.2790
	12/4/1990		0.1800	0.0290	ND	ND	ND	0.0270	ND	ND	ND	0.2360
	2/7/1991		0.1700	0.0200	ND	ND	ND	0.0150	ND	ND	ND	0.2050
	5/8/1991		0.1200	0.0240	ND	ND	ND	0.0140	0.0015	ND	ND	0.1595
	8/23/1991		0.1900	0.0220	ND	ND	ND	0.0150	ND	ND	ND	0.2270
	12/2/1991		0.1600	0.0180	ND	ND	ND	0.0290	ND	ND	ND	0.2070
	3/3/1992	(72)	0.1500	ND	ND	ND	ND	ND	ND	ND	ND	0.1500
	5/27/1992		0.1200	0.0100	ND	ND	ND	ND	ND	ND	ND	0.1300
	9/3/1992		0.1800	0.0230	ND	ND	ND	ND	ND	ND	ND	0.2030
	11/25/1992		0.1700	0.0310	ND	ND	ND	0.0048	ND	ND	ND	0.2058
	3/9/1993		0.2200	0.0370	ND	ND	ND	ND	ND	ND	ND	0.2570

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
	3/9/1993		0.2200	0.0380	ND	ND	ND	ND	ND	ND	ND	0.2580
	5/18/1993		0.2100	0.0390	ND	ND	ND	0.0074	ND	ND	ND	0.2564
	8/25/1993		0.2000	0.0340	ND	ND	ND	ND	ND	ND	ND	0.2340
	11/22/1993		0.1900	0.0340	ND	ND	ND	0.0067	ND	ND	ND	0.2307
	2/15/1994		0.1800	0.0330	ND	ND	ND	0.0065	ND	ND	ND	0.2195
	5/18/1994		0.1800	0.0320	ND	ND	ND	0.0059	ND	ND	ND	0.2179
	8/17/1994		0.1700	0.0300	ND	ND	ND	0.0065	ND	ND	ND	0.2065
	11/29/1994		0.2000	0.0340	ND	ND	ND	0.0080	ND	ND	ND	0.2420
	11/29/1994		0.2000	0.0340	ND	ND	ND	0.0090	ND	ND	ND	0.2430
	2/15/1995		0.1600	0.0360	ND	ND	ND	0.0081	ND	ND	ND	0.2041
	5/17/1995		0.2300	0.0520	ND	ND	ND	ND	ND	ND	ND	0.2820
	8/16/1995		0.2300	0.0460	ND	ND	ND	0.0083	ND	ND	ND	0.2843
	12/1/1995		0.2500	0.0420	ND	ND	ND	0.0140	0.0020	ND	ND	0.3100
	2/14/1996		0.1400	0.0260	ND	ND	ND	0.0073	ND	ND	ND	0.1753
	5/14/1996		0.1600	0.0350	ND	ND	ND	0.0070	ND	ND	ND	0.2020
	8/21/1996		0.2000	0.0400	ND	ND	ND	0.0069	ND	ND	0.0027	0.2496
	11/22/1996		0.190	0.035	ND	ND	ND	ND	ND	ND	ND	0.2250
	2/13/1997		0.170	0.046	ND	ND	ND	0.0068	ND	ND	ND	0.2228
	5/14/1997		0.270	0.061	ND	ND	ND	0.0086	ND	ND	ND	0.3396
	8/28/1997		0.230	0.044	ND	ND	ND	ND	ND	ND	ND	0.2740
	11/12/1997		0.200	0.046	ND	ND	ND	0.0070	ND	ND	ND	0.2530
	2/19/1998		0.270	0.052	ND	ND	ND	0.005	ND	ND	ND	0.3270
	6/3/1998		0.260	0.055	ND	ND	ND	0.006	ND	ND	ND	0.3210
	8/14/1998		0.295	0.038	ND	ND	ND	0.0101	ND	ND	ND	0.3431
	12/1/1998		0.550	0.0668	ND	ND	ND	ND	ND	ND	ND	0.6168
	2/24/1999		0.393	0.0581	ND	ND	ND	0.0112	ND	ND	ND	0.4623
	6/3/1999		0.272	0.0373	ND	ND	ND	0.0087	ND	ND	ND	0.3180
	8/11/1999		0.426	0.0598	ND	ND	ND	0.0136	ND	ND	ND	0.4994
	8/11/1999		0.382	0.0520	ND	ND	ND	0.0118	ND	ND	ND	0.4458
	12/7/1999		0.314	0.0626	ND	ND	ND	ND	ND	ND	ND	0.3766
	3/16/2000		0.281	0.0788	ND	ND	ND	ND	ND	ND	ND	0.3598
	5/12/2000		0.397	0.0810	ND	ND	ND	0.0103	ND	ND	ND	0.4883
	8/30/2000		0.248	0.0794	ND	ND	ND	0.0052	ND	ND	ND	0.3326
	11/30/2000		0.247	0.0697	ND	ND	ND	ND	ND	ND	ND	0.3167
	3/5/2001		0.228	0.0869	ND	ND	ND	0.0056	ND	ND	ND	0.3205
	5/15/2001		0.240	0.0688	ND	ND	ND	0.0050	ND	ND	ND	0.3138
E6	8/14/2001	(189)	0.210	0.0560	ND	ND	ND	ND	0.0018	ND	0.0027	0.2705
	11/26/2001	(211)	0.190	0.0720	ND	0.0006	0.0005	0.0063	0.0025	ND	0.0005	0.2741
	2/12/2002	(226)	0.220	0.0680	ND	ND	ND	ND	0.0018	ND	ND	0.2916
	5/14/2002	(239)	0.220	0.0590	ND	ND	ND	ND	0.0018	ND	ND	0.2830
	8/9/2002	(258)	0.170	0.0570	ND	ND	ND	0.008	0.0017	ND	ND	0.2379
	11/14/2002	(268)	0.210	0.0670	ND	ND	ND	ND	0.0014	ND	ND	0.2801
	2/27/2003	(295)	0.200	0.0590	ND	ND	ND	ND	0.0019	ND	ND	0.2625
	6/17/2003	(313)	0.170	0.0510	ND	ND	ND	ND	0.0020	ND	ND	0.2244
	9/30/2003	(337)	0.210	0.0790	0.0006	ND	ND	0.006	0.0021	ND	ND	0.2996
	Pumping stopped December 4, 2003											
	12/18/2003	(357)	0.850	0.0940	ND	ND	ND	ND	0.0220	ND	ND	0.9696
	12/18/2003	(369)	0.840	0.0920	ND	ND	ND	ND	0.0200	ND	ND	0.9559
	3/17/2004	(383)	0.770	0.0840	ND	ND	ND	ND	0.0240	ND	ND	0.8780
	6/10/2004	(404)	0.750	0.0870	ND	ND	ND	ND	0.0250	ND	ND	0.8661
	9/21/2004	(422)	0.510	0.100	ND	ND	ND	ND	0.0140	0.0170	ND	0.6443
	12/6/2004	(446)	0.430	0.070	ND	ND	ND	ND	0.0170	ND	ND	0.5191
	2/11/2005	(469)	0.190	0.082	ND	ND	ND	ND	0.0021	ND	ND	0.2764
	5/12/2005	(486)	0.200	0.081	ND	ND	ND	ND	0.0026	ND	ND	0.2852
	8/18/2005	(506)	0.270	0.088	ND	ND	ND	ND	0.0080	ND	ND	0.3679
	11/3/2005	(538)	0.310	0.083	ND	0.0005J	ND	0.0058J	0.0120	ND	ND	0.4144
	3/16/2006	(548)	0.570	0.071	ND	ND	ND	ND	0.0260	0.0044	ND	0.6744
	5/19/2006	(564)	0.600	0.085	<0.0036	<0.0036	<0.0036	<0.036	0.0220	0.0030J	<0.0036	0.7141
	9/21/2006	(581)	0.310	0.110	<0.0031	<0.0031	<0.0031	<0.031	0.0082	<0.0031	<0.0031	0.4313
	12/6/2006	(598)	0.240	0.110	<0.0020	<0.0020	<0.0020	0.010J	0.0060	0.0018J	<0.0020	0.3706
	5/23/2007	(627)	0.270	0.077	<0.0020	<0.0020	<0.0020	<0.020	0.0110	0.0016J	<0.0020	0.3616
	11/2/2007	(642)	0.200	0.100	<0.0020	<0.0020	<0.0020	<0.020	0.0046	0.0047	<0.0020	0.3116
	6/4/2008	(666)	0.180	0.110	<0.0017	0.0009J	<0.0017	<0.017	0.0037	0.0029	<0.0017	0.3000
	11/7/2008	(692)	0.170	0.130	<0.001	0.0008J	<0.001	0.0054Jb	0.0028	0.0049	<0.001	0.3159
	5/13/2009	(719)	0.120	0.110	<0.0007	0.0004J	<0.0007	0.0049J	0.0020	0.0027	<0.0007	0.2414
	11/16/2009	(738)	0.150	0.150	<0.001	0.0007J	<0.001	0.0054J	0.0030	0.0039	<0.001	0.3154
	5/26/2010	(753)	0.150	0.095	<0.001	0.0008J	<0.001	0.005J	0.0034	0.0037	<0.001	0.2595
	12/15/2010	(780)	0.380	0.100	<0.0005	0.0011	0.0003J	0.011	0.018	0.0023	<0.0005	0.5157

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
	5/18/2011	(796)	0.100	0.120	<0.001	<0.001	<0.001	0.0042	0.0012	0.003	<0.001	0.23
	5/18/2011	(797)	0.100	0.120	<0.001	0.0006J	<0.001	0.0046	0.0013	0.0033	<0.001	0.2315
	11/15/2011	(831)	0.130	0.130	<0.0005	0.0010	0.0003J	0.0051	0.0018	0.0051	<0.0005	0.2757
	6/12/2012	(849)	0.120	0.130	<0.001	0.0006J	<0.001	0.0032J	0.002	0.0052	<0.001	0.2627
	11/27/2012	(873)	0.390	0.059	<0.001	<0.001	<0.001	0.008	0.017	<0.001	<0.001	0.4769
	6/5/2013	(888)	0.150	0.094	<0.001	<0.001	<0.001	0.0052	0.0042	0.0063	<0.001	0.2611
	11/8/2013	(913)	0.110	0.110	<0.0008	0.0005J	<0.0008	0.0048	0.0021	0.0064	<0.0008	0.2354
	11/8/2013	(914)	0.120	0.110	<0.0005	0.0007	<0.0005	0.0053	0.0024	0.0089	<0.0005	0.2492
	5/14/2014	(929)	0.180	0.100	<0.0013	<0.0013	<0.0013	0.0059	0.0053	0.0059	<0.0013	0.2991
	12/10/2014	(954)	0.190	0.099	<0.0005	0.0007	<0.0005	0.0077	0.0077	0.0088	<0.0005	0.3162
	6/27/2015	(967)	0.180	0.085	<0.0017	<0.0017	<0.0017	0.0057 J	0.0071	0.0075	<0.0017	0.2878
E7	8/18/1988		0.1000	0.0010	ND	ND	0.0005	ND	ND	ND	ND	0.1015
	8/18/1988		0.1600	0.0790	ND	ND	ND	0.0180	ND	ND	ND	0.2570
	Pumping started Jan 1990											
	1/22/1990		0.1100	0.0640	0.0006	ND	0.0005	0.0100	ND	ND	0.0009	0.1860
	4/4/1990		0.3900	0.1600	ND	ND	ND	ND	ND	ND	ND	0.5500
	6/8/1990	(17)	0.5200	0.1500	ND	ND	ND	0.0130	ND	ND	ND	0.6830
	8/30/1990		0.6100	0.1400	ND	ND	ND	ND	ND	ND	ND	0.7500
	12/4/1990		0.4500	0.1100	ND	ND	ND	0.0160	ND	ND	ND	0.5760
	2/7/1991		0.3900	0.1100	ND	ND	ND	0.0130	ND	ND	ND	0.5130
	5/9/1991		0.3900	0.0740	ND	ND	ND	0.0150	ND	ND	ND	0.4790
	8/26/1991	(46)	0.5200	0.1000	ND	ND	ND	ND	ND	ND	ND	0.6200
	12/2/1991		0.4500	0.0950	ND	ND	ND	ND	ND	ND	ND	0.5450
	3/3/1992		0.3600	0.0750	ND	ND	ND	ND	ND	ND	ND	0.4350
	5/26/1992		0.4200	0.1000	ND	ND	ND	ND	ND	ND	ND	0.5200
	9/3/1992	(77)	0.4500	0.0970	ND	ND	ND	0.0210	ND	ND	ND	0.5680
	11/25/1992		0.3500	0.1100	ND	ND	ND	ND	ND	ND	ND	0.4600
	3/4/1993		0.3100	0.0900	ND	ND	ND	ND	ND	ND	ND	0.4000
	5/17/1993		0.3300	0.0960	ND	ND	ND	ND	ND	ND	ND	0.4260
	8/25/1993		0.3700	0.1000	ND	ND	ND	ND	ND	ND	ND	0.4700
	11/22/1993		0.2800	0.0950	ND	ND	ND	0.0079	ND	ND	ND	0.3829
	2/15/1994		0.2700	0.0870	ND	ND	ND	0.0071	ND	ND	ND	0.3641
	2/15/1994		0.3000	0.0900	ND	ND	ND	ND	ND	ND	ND	0.3900
	5/18/1994		0.3000	0.0910	ND	ND	ND	0.0071	ND	ND	ND	0.3981
	8/17/1994		0.3000	0.0920	ND	ND	ND	0.0078	ND	ND	ND	0.3998
	11/28/1994		0.4000	0.0800	ND	ND	ND	0.008	ND	ND	ND	0.4880
	2/15/1995		0.2400	0.0750	ND	ND	ND	ND	ND	ND	ND	0.3150
	5/17/1995		0.2500	0.0890	ND	ND	ND	ND	ND	ND	ND	0.3390
E7	8/16/1995		0.2700	0.1000	ND	ND	ND	ND	ND	ND	ND	0.3700
	12/1/1995		0.2500	0.1100	ND	ND	ND	ND	ND	ND	ND	0.3600
	2/13/1996		0.2500	0.1100	ND	ND	ND	ND	ND	ND	ND	0.3600
	5/14/1996	(113)	0.2000	0.1100	ND	ND	ND	ND	ND	ND	ND	0.3240
	8/21/1996		0.2300	0.1300	ND	ND	ND	ND	ND	ND	ND	0.3600
	11/22/1996		0.240	0.150	ND	ND	ND	ND	ND	ND	ND	0.3900
	2/12/1997		0.160	0.100	ND	ND	ND	ND	ND	ND	ND	0.2600
	5/14/1997		0.250	0.150	ND	ND	ND	ND	ND	ND	ND	0.4000
	8/28/1997		0.260	0.140	ND	ND	ND	ND	ND	ND	ND	0.4000
	11/19/1997		0.240	0.140	ND	ND	ND	ND	ND	ND	ND	0.3800
	11/19/1997		0.250	0.150	ND	ND	ND	ND	ND	ND	ND	0.4000
	2/19/1998		0.270	0.120	ND	ND	ND	ND	ND	ND	ND	0.3900
	2/19/1998		0.240	0.110	ND	ND	ND	ND	ND	ND	ND	0.3500
	6/3/1998		0.240	0.140	ND	ND	ND	0.003	ND	ND	ND	0.3830
	8/13/1998		0.353	0.135	ND	ND	ND	ND	ND	ND	ND	0.4880
	12/2/1998		0.351	0.103	ND	ND	ND	ND	ND	ND	ND	0.4540
	2/24/1999		0.313	0.0955	ND	ND	ND	0.006	ND	ND	ND	0.4145
	6/3/1999		0.283	0.0804	ND	ND	ND	0.005	ND	ND	ND	0.3680
	8/11/1999		0.300	0.0777	ND	ND	ND	0.0056	ND	ND	ND	0.3833
	12/10/1999		0.330	0.158	ND	ND	ND	ND	ND	ND	ND	0.4880
	12/10/1999		0.366	0.1740	ND	ND	ND	ND	ND	ND	ND	0.5400
	3/16/2000		0.251	0.1520	ND	ND	ND	ND	ND	ND	ND	0.4030
	5/11/2000		0.289	0.0834	ND	ND	ND	ND	ND	ND	ND	0.3724
	8/30/2000		0.247	0.138	ND	ND	ND	ND	ND	ND	ND	0.3850
	11/30/2000		0.263	0.174	ND	ND	ND	ND	ND	ND	ND	0.4370
	3/5/2001		0.246	0.163	ND	ND	ND	ND	ND	ND	ND	0.4090
	5/15/2001		0.275	0.138	ND	ND	ND	ND	ND	ND	ND	0.4130
	8/14/2001	(200)	0.250	0.110	ND	ND	ND	ND	ND	0.0013	ND	0.3630
	11/26/2001	(212)	0.260	0.130	ND	ND	ND	ND	0.0012	ND	ND	0.3933
	2/12/2002	(227)	0.280	0.130	ND	0.00	ND	ND	0.0012	0.0010	ND	0.4161
	5/14/2002	(240)	0.300	0.120	ND	ND	ND	ND	ND	ND	ND	0.4226

Table 3-5
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Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
	8/9/2002	(263)	0.230	0.120	ND	ND	ND	ND	0.0011	0.0013	ND	0.3548
	11/15/2002	(276)	0.230	0.120	ND	ND	ND	ND	0.0009	0.0015	ND	0.3542
	2/27/2003	(296)	0.260	0.120	ND	0.0008	ND	ND	0.0013	0.0010	ND	0.3851
	6/17/2003	(314)	0.230	0.120	ND	ND	ND	ND	0.0013	ND	ND	0.3540
	9/29/2003	(331)	0.220	0.130	ND	ND	ND	ND	0.0011	ND	ND	0.3528
	Pumping stopped December 4, 2003											
	12/19/2003	(362)	0.200	0.120	ND	0.0007	ND	ND	0.0006	0.0024	ND	0.3255
	3/17/2004	(385)	0.170	0.110	ND	ND	ND	ND	ND	0.0007	ND	0.2821
	6/10/2004	(405)	0.140	0.160	ND	ND	ND	ND	ND	0.0019	ND	0.3040
	6/10/2004	(415)	0.150	0.180	ND	ND	ND	ND	ND	0.0016	ND	0.3343
E-7	9/22/2004	(423)	0.150	0.210	ND	ND	ND	ND	ND	0.0027	ND	0.3676
	12/6/2004	(447)	0.120	0.160	ND	0.0005J	0.0004J	ND	0.0006J	0.0014	ND	0.2851
	2/11/2005	(470)	0.100	0.120	ND	0.0004J	ND	ND	0.0005J	ND	ND	0.2221
	5/13/2005	(487)	0.140	0.130	ND	0.0008	ND	ND	0.0005J	0.0006J	ND	0.2739
	8/18/2005	(507)	0.110	0.220	ND	ND	ND	ND	ND	0.0046	ND	0.3373
	8/18/2005	(508)	0.120	0.210	ND	0.0009J	ND	ND	ND	0.0039	ND	0.3371
	11/3/2005	(535)	0.300	0.062	ND	ND	ND	ND	0.0110	0.0008J	ND	0.3766
	3/16/2006	(549)	0.150	0.190	ND	ND	ND	ND	0.0009J	0.0007J	ND	0.3448
	5/19/2006	(571)	0.120	0.180	<0.0017	<0.0017	<0.0017	<0.017	<0.0017	<0.0017	<0.0017	0.3046
	9/19/2006	(582)	0.068	0.300	<0.0013	0.0009J	<0.0013	<0.013	<0.0013	0.017	<0.0013	0.3894
	12/8/2006	(604)	0.100	0.190	<0.0010	0.0007J	<0.0010	<0.0100	<0.0010	0.098	<0.0010	0.3041
	5/22/2007	(618)	0.100	0.190	<0.0017	0.0009J	<0.0017	<0.017	0.0011J	0.0035	<0.0017	0.2973
	11/1/2007	(643)	0.066	0.250	<0.0017	<0.0017	<0.0017	<0.017	<0.0017	0.0130	<0.0017	0.3321
	6/5/2008	(675)	0.095	0.230	<0.0020	<0.0020	<0.0020	<0.020	<0.0020	0.0013J	<0.002	0.3289
	11/10/2008	(693)	0.012	0.099	<0.0005	0.0004J	<0.0005	<0.005	<0.0005	0.0071	<0.0005	0.1198
	5/14/2009		0.200	0.030	<0.0020	<0.0020	<0.0020	<0.020	0.0066	<0.0020	<0.0020	0.2366
	11/13/2009	(739)	0.084	0.086	<0.0008	<0.0008	<0.0008	<0.0083	0.0031	0.0006J	<0.0008	0.1745
	5/25/2010	(754)	0.440	0.120	<0.0042	<0.0042	<0.0042	<0.042	0.012	<0.0042	<0.0042	0.5763
	12/17/2010	(781)	0.170	0.170	<0.0013	0.0013	<0.0013	<0.013	0.0021	0.0027	<0.0013	0.3486
	5/19/2011	(798)	0.450	0.079	<0.0013	0.0013	0.0009J	0.0041J	0.014	0.0027	<0.0013	0.5544
	11/17/2011	(832)	0.069	0.320	<0.0005	0.001	0.0004J	<0.005	0.0012	0.0091	<0.0005	0.4058
	6/13/2012	(850)	0.440	0.062	<0.0031	<0.0031	<0.0031	<0.013	0.016	<0.0031	<0.0031	0.5202
	11/29/2012	(874)	0.390	0.059	<0.0025	<0.0025	<0.0025	0.0073J	0.015	<0.0025	<0.0025	0.4732
	6/6/2013	(889)	0.150	0.028	<0.001	<0.001	0.0005J	<0.004	0.0053	<0.001	<0.001	0.1847
	11/11/2013	(915)	0.096	0.025	<0.0005	<0.0005	<0.0005	<0.002	0.0048	<0.0005	0.0017	0.1284
	5/14/2014	(930)	0.045	0.019	<0.0005	<0.0005	<0.0005	<0.002	0.0023	<0.0005	0.0008	0.0677
	12/10/2014		0.013	0.014	<0.0005	<0.0005	<0.0005	<0.002	0.0009	<0.0005	0.0008	0.0287
	6/28/2015	(968)	0.13	0.032	<0.001	<0.001	<0.001	<0.004	0.0039	<0.001	<0.001	0.1671
E8	8/2/1988		1.4000	0.2100	0.0005	0.0007	0.0005	0.0084	0.0037	0.0005	ND	1.6243
	8/2/1988		1.4000	0.5100	ND	ND	ND	0.0470	0.0056	ND	ND	1.9626
E8	Pumping started Jan 1990											
	1/22/1990		0.6100	0.2200	ND	ND	ND	ND	ND	ND	ND	0.8300
	1/22/1990		0.5600	0.2200	ND	ND	ND	ND	ND	ND	ND	0.7800
	4/4/1990		0.4000	0.1500	ND	ND	ND	ND	ND	ND	ND	0.5500
	6/8/1990		0.4000	0.1600	ND	0.0036	ND	0.0060	0.0016	ND	0.0015	0.5727
	8/30/1990		0.3700	0.1500	0.0006	0.0006	ND	0.0038	0.0026	ND	ND	0.5276
	12/4/1990		0.4300	0.1400	ND	ND	ND	ND	ND	ND	ND	0.5700
	2/7/1991		0.3600	0.1300	ND	ND	ND	ND	ND	ND	ND	0.4900
	5/9/1991		0.3100	0.0990	ND	ND	ND	ND	ND	ND	ND	0.4090
	8/23/1991	(43)	0.3000	ND	ND	ND	ND	ND	ND	ND	ND	0.3440
	12/2/1991		0.3800	0.1200	ND	ND	ND	ND	ND	ND	0.0071	0.5071
	3/3/1992	(73)	0.2600	0.0900	ND	ND	ND	ND	ND	ND	ND	0.3500
	5/26/1992		0.3900	0.1500	ND	ND	ND	ND	ND	ND	ND	0.5400
	9/3/1992		0.3500	0.0960	ND	ND	ND	ND	ND	ND	ND	0.4460
	9/3/1992		0.3700	0.1000	ND	ND	ND	ND	ND	ND	ND	0.4700
	11/25/1992		0.3400	0.1500	ND	ND	ND	ND	ND	ND	ND	0.4900
	3/9/1993		0.3000	0.0970	ND	ND	ND	ND	ND	ND	ND	0.3970
	5/18/1993		0.3000	0.1100	ND	ND	ND	ND	ND	ND	ND	0.4100
	8/25/1993		0.3000	0.1100	ND	ND	ND	ND	ND	ND	0.0092	0.4192
	11/22/1993		0.2600	0.0950	ND	ND	ND	ND	ND	ND	0.0076	0.3626
	2/15/1994		0.2700	0.0980	ND	ND	ND	ND	ND	ND	0.0059	0.3680
	5/18/1994		0.2800	0.0970	ND	ND	ND	ND	ND	ND	0.0063	0.3833
	5/18/1994		0.2700	0.0960	ND	ND	ND	ND	ND	ND	0.0065	0.3725
	8/17/1994		0.3000	0.1000	ND	ND	ND	ND	ND	ND	0.0085	0.4085
	8/17/1994		0.3100	0.1100	ND	ND	ND	ND	ND	ND	0.0100	0.4300
	11/28/1994		0.3100	0.1200	ND	ND	ND	ND	ND	ND	0.0062	0.4362

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
	2/15/1995		0.2600	0.1100	ND	ND	ND	ND	ND	ND	ND	0.3700
	5/17/1995		0.2500	0.1000	ND	ND	ND	ND	ND	ND	0.0100	0.3600
	8/16/1995		0.3100	0.1200	ND	ND	ND	ND	ND	ND	0.0063	0.4363
	8/16/1995		0.2900	0.1100	ND	ND	ND	ND	ND	ND	0.0057	0.4057
	12/1/1995		0.3000	0.1100	ND	ND	ND	ND	ND	ND	ND	0.4100
	12/1/1995		0.2900	0.1100	ND	ND	ND	ND	ND	ND	ND	0.4000
	2/14/1996		0.2700	0.1200	ND	ND	ND	ND	ND	ND	ND	0.3900
	5/14/1996		0.2100	0.0840	ND	ND	ND	ND	ND	ND	ND	0.2940
	5/14/1996		0.2000	0.0740	ND	ND	ND	ND	ND	ND	ND	0.2740
	8/21/1996		0.1600	0.0630	ND	ND	ND	ND	ND	ND	ND	0.2230
	11/22/1996		0.270	0.120	ND	ND	ND	ND	ND	ND	ND	0.3900
	2/13/1997		0.220	0.110	ND	ND	ND	ND	ND	ND	ND	0.3300
	5/14/1997		0.310	0.130	ND	ND	ND	ND	ND	ND	ND	0.4400
	8/28/1997		0.280	0.110	ND	ND	ND	ND	ND	ND	ND	0.3900
	11/12/1997	(126)	ND	0.130	ND	ND	ND	ND	ND	ND	ND	0.420
	2/19/1998		0.280	0.110	ND	ND	ND	ND	ND	ND	ND	0.390
	6/3/1998		0.250	0.110	ND	ND	ND	ND	ND	ND	ND	0.360
	8/13/1998		0.461	0.127	ND	ND	ND	ND	ND	ND	ND	0.588
	12/3/1998		0.488	0.113	ND	ND	ND	ND	ND	ND	ND	0.601
	12/3/1998		0.547	0.126	ND	ND	ND	ND	ND	ND	ND	0.673
	2/24/1999		0.396	0.115	ND	ND	ND	ND	ND	ND	ND	0.511
	6/3/1999		0.336	0.093	ND	ND	ND	ND	ND	ND	ND	0.429
	6/3/1999		0.420	0.104	ND	ND	ND	ND	ND	ND	ND	0.524
	8/11/1999		0.510	0.142	ND	ND	ND	ND	ND	ND	ND	0.652
	12/7/1999		0.417	0.172	ND	ND	ND	ND	ND	ND	ND	0.589
	3/16/2000		0.276	0.144	ND	ND	ND	ND	ND	ND	ND	0.420
	5/11/2000		0.368	0.141	ND	ND	ND	ND	ND	ND	ND	0.509
	8/30/2000		0.273	0.133	ND	ND	ND	ND	ND	ND	ND	0.406
	11/30/2000		0.276	0.175	ND	ND	ND	ND	ND	ND	ND	0.451
	3/5/2001		0.235	0.151	ND	ND	ND	ND	ND	ND	ND	0.3860
	5/15/2001		0.263	0.126	ND	ND	ND	ND	ND	ND	ND	0.3890
	8/14/2001	(185)	0.230	0.120	ND	ND	ND	ND	0.0011	ND	ND	0.3546
	11/26/2001	(213)	0.280	0.140	ND	ND	ND	ND	0.0018	ND	ND	0.423
	2/12/2002	(228)	0.260	0.120	ND	ND	ND	ND	0.0012	ND	ND	0.3812
	5/14/2002	(241)	0.270	0.110	ND	ND	ND	ND	0.0011	ND	ND	0.3821
	8/9/2002	(259)	0.220	0.120	ND	ND	ND	ND	0.0011	ND	ND	0.3422
	11/15/2002	(280)	0.220	0.120	ND	ND	ND	ND	0.0011	0.0010	ND	0.3432
	2/27/2003	(297)	0.260	0.120	ND	ND	ND	ND	0.0016	ND	ND	0.3830
	6/17/2003	(315)	0.230	0.110	ND	ND	ND	ND	0.0016	ND	ND	0.3434
	9/29/2003	(330)	0.230	0.130	ND	ND	ND	ND	0.0015	ND	ND	0.3628
	12/17/2003	(346)	0.250	0.140	ND	ND	ND	ND	0.0012	ND	ND	0.3926
	3/16/2004	(390)	0.210	0.130	ND	ND	ND	ND	0.0013	ND	ND	0.3430
	6/10/2004	(406)	0.210	0.120	ND	0.0007	ND	ND	0.0015	ND	ND	0.3337
	9/21/2004	(424)	0.220	0.150	ND	ND	ND	ND	ND	ND	ND	0.3733
	11/30/2004	(448)	0.270	0.170	ND	ND	ND	ND	0.0017J	ND	ND	0.4442
	2/11/2005	(471)	0.210	0.130	ND	0.0010J	ND	ND	0.0011J	ND	ND	0.3442
	5/11/2005	(488)	0.210	0.150	ND	ND	ND	ND	0.0014J	ND	ND	0.3643
	8/19/2005	(509)	0.200	0.120	ND	0.0008J	ND	ND	0.0011J	ND	ND	0.3232
E8	11/3/2005	(527)	0.180	0.130	ND	ND	ND	ND	0.0012J	ND	ND	0.3126
	3/15/2006	(550)	0.160	0.097	ND	0.0005	ND	ND	0.0014	0.0003J	0.0004J	0.2608
	5/19/2006	(568)	0.270	0.071	<0.0020	<0.0020	<0.0020	<0.020	0.0078	<0.0020	<0.0020	0.3507
	9/19/2006	(583)	0.180	0.140	<0.0013	<0.0013	<0.0013	<0.013	0.0011J	<0.0013	<0.0013	0.3232
	12/5/2006	(593)	0.200	0.140	<0.0013	<0.0013	<0.0013	<0.013	0.0014	0.0011J	<0.0013	0.3452
	12/5/2006	(609)	0.210	0.140	<0.0013	0.0009J	<0.0013	<0.013	0.0015	0.0009J	<0.0013	0.3554
	5/22/2007	(616)	0.180	0.150	<0.0013	0.0008J	<0.0013	<0.013	0.0019	0.0012J	<0.0013	0.3359
	11/2/2007	(644)	0.190	0.140	<0.0017	<0.0017	<0.0017	<0.017	0.0011J	0.0012J	<0.0017	0.3369
	6/5/2008	(676)	0.094	0.120	<0.0005	0.0007	<0.0005	<0.005	0.0010	0.0007	0.0004J	0.2192
	11/7/2008	(694)	0.170	0.120	<0.0017	<0.0017	<0.0017	<0.017	0.0016J	0.0011J	<0.0017	0.2945
	5/14/2009	(708)	0.160	0.120	<0.0013	<0.0013	<0.0013	<0.013	0.0011J	0.001J	<0.0013	0.2843
	11/13/2009	(740)	0.170	0.160	<0.001	0.0006J	<0.001	<0.01	0.0014	0.0007J	<0.001	0.3357
	5/25/2010	(755)	0.150	0.140	<0.0013	<0.0013	<0.0013	<0.013	0.0006J	0.0027	0.0009J	0.2964
	12/16/2010	(782)	0.160	0.120	<0.0013	0.0013	<0.0013	<0.013	0.0011J	0.0014	0.0008J	0.2872
	5/17/2011	(799)	0.110	0.150	<0.0010	0.0008J	<0.0010	<0.004	0.0007J	0.0013	0.0014	0.2668
	11/15/2011	(833)	0.120	0.150	<0.0017	<0.0017	<0.0017	<0.017	<0.0017	0.0013J	<0.0017	0.2738
	6/12/2012	(851)	0.470	0.058	<0.0042	<0.0042	<0.0042	<0.017	0.018	<0.0042	<0.0042	0.5485
	11/29/2012	(875)	0.130	0.140	<0.0005	0.0012	<0.0005	0.0015J	0.0012	0.0024	<0.0005	0.2795
	6/6/2013	(890)	0.088	0.076	<0.0005	0.0005J	<0.0005	<0.002	0.0006J	0.0004J	0.0004J	0.1678
	11/8/2013	(916)	0.086	0.089	<0.0005	0.0004J	<0.0005	0.0011J	0.0007	0.0004J	<0.0005	0.1792
	5/14/2014	(931)	0.092	0.093	<0.0005	0.0007	<0.0005	<0.002	0.0008	0.0015	0.0006	0.1908
	12/6/2014	(955)	0.095	0.094	<0.0005	0.0005	<0.0005	<0.002	0.0008	0.0007	0.0003 J	0.1932
	7/1/2015	(975)	0.17	0.098	<0.0017	<0.0017	<0.0017	<0.0067	0.0062	0.0011 J	<0.0017	0.2769

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
E9	8/11/1988		0.0290	0.0490	0.0048	0.0011	0.0018	0.0015	ND	ND	ND	0.0870
	8/11/1988		0.0330	0.0550	0.0059	ND	ND	0.0140	ND	ND	ND	0.1079
	Pumping started Jan 1990											
	1/22/1990	+	0.1600	0.0580	0.0043	0.0007	0.0009	0.0048	0.0022	ND	0.0008	0.2317
	4/4/1990		0.0320	0.0580	0.0037	0.0019	0.0018	0.0029	ND	ND	<0.003	0.1003
	6/8/1990		0.0330	0.0180	0.0073	0.0035	0.0044	ND	ND	ND	<0.003	0.0662
	8/30/1990		0.0270	0.0500	0.0062	0.0045	0.0035	0.0057	0.0040	ND	0.0008	0.1017
	12/4/1990		0.0150	0.0280	0.0100	0.0060	0.0081	ND	ND	ND	ND	0.0671
	5/8/1991		0.0120	0.1200	0.0062	0.0110	0.0082	ND	ND	ND	ND	0.1574
	8/23/1991		0.0490	ND	0.0036	0.0041	0.0051	ND	ND	ND	ND	0.0618
	12/2/1991		0.0740	0.2900	ND	0.0079	0.0056	ND	ND	ND	ND	0.3775
	5/26/1992		0.0670	0.3200	ND	ND	ND	ND	ND	ND	ND	0.3870
	3/4/1993		0.0880	0.1600	ND	ND	ND	ND	ND	ND	ND	0.2480
	5/18/1993		0.0800	0.1900	ND	ND	ND	ND	ND	ND	ND	0.2700
	8/25/1993		0.0590	0.2400	ND	0.0055	ND	ND	ND	ND	ND	0.3045
	11/22/1993		0.3000	0.1100	ND	ND	ND	ND	ND	ND	ND	0.4100
	2/15/1994		0.0600	0.2200	ND	ND	ND	ND	ND	ND	ND	0.2800
	5/18/1994		0.0840	0.1100	ND	ND	ND	ND	ND	ND	ND	0.1940
	8/17/1994		0.0920	0.0100	ND	ND	ND	ND	ND	ND	ND	0.1020
	11/28/1994		0.0950	0.1200	ND	ND	ND	ND	ND	ND	0.0029	0.2179
	2/14/1995		0.0840	0.1000	ND	ND	ND	ND	ND	ND	0.0027	0.1867
	5/17/1995		0.0890	0.0970	ND	ND	ND	ND	ND	ND	0.0043	0.1903
	8/15/1995		0.1000	0.0990	ND	ND	ND	ND	ND	ND	ND	0.1990
	12/1/1995		0.0880	0.0760	ND	ND	ND	ND	ND	ND	ND	0.1640
	2/14/1996		0.0830	0.0760	ND	ND	ND	ND	ND	ND	ND	0.1590
	5/14/1996		0.0860	0.0760	ND	ND	ND	ND	ND	ND	ND	0.1620
	8/21/1996		0.0930	0.0820	ND	ND	ND	ND	ND	ND	ND	0.1750
	11/22/1996		0.084	0.073	ND	ND	ND	ND	ND	ND	ND	0.1570
	2/12/1997		0.062	0.055	ND	ND	ND	ND	ND	ND	ND	0.1170
	5/14/1997		0.082	0.069	ND	ND	ND	ND	ND	ND	ND	0.1510
	8/28/1997		0.087	0.061	ND	0.0011	0.008	0.0005	ND	ND	0.0018	0.1594
	11/12/1997		0.074	0.063	0.0005	0.0011	0.0015	0.0006	ND	ND	0.0008	0.1415
	2/19/1998		0.069	0.063	0.0006	0.0010	0.0008	ND	ND	ND	ND	0.1344
	6/3/1998	(135)	0.059	0.053	0.0005	0.0011	0.0008	ND	ND	ND	ND	0.1152
	8/13/1998		0.0915	0.058	ND	ND	ND	ND	ND	ND	ND	0.1495
	Pumping stopped September 1998											
	2/24/1999		0.0336	0.0525	ND	ND	ND	ND	ND	ND	ND	0.0861
	6/24/1999	(153)	0.0395	0.0377	0.00083	0.00174	0.00092	0.00051	0.00051	ND	ND	0.0825
	8/11/1999		0.162	0.114	ND	ND	ND	ND	ND	ND	ND	0.2760
	12/7/1999	(162)	0.042	0.071	0.0009	0.0020	0.0010	0.0007	ND	ND	ND	0.1186
	3/16/2000	(168)	0.157	0.196	ND	ND	ND	0.00249	0.00213	ND	ND	0.3623
	5/11/2000		0.153	0.123	ND	ND	ND	ND	ND	ND	ND	0.2760
	8/30/2000		0.022	0.034	ND	ND	ND	0.0017	ND	ND	ND	0.0574
	5/15/2001	(184)	0.026	0.028	ND	ND	0.0007	0.0017	ND	ND	ND	0.0570
	8/14/2001	(196)	0.030	0.049	ND	0.0016	0.0090	ND	ND	ND	0.0006	0.0908
	11/26/2001	(214)	0.100	0.090	ND	ND	0.0006	ND	0.00130	ND	ND	0.1931
	2/12/2002		0.082	0.037	ND	0.0009	0.0006	ND	ND	ND	ND	0.1205
	10/2/2003		0.013	0.016	ND	0.0007	ND	ND	ND	ND	0.016	0.0457
E9	12/17/2003	(347)	0.027	0.039	ND	0.0015	0.0008	ND	ND	ND	0.0008	0.0691
	3/30/2004	(393)	0.016	0.036	ND	0.0017	0.0010	ND	ND	0.0014	ND	0.0561
	6/23/2004	(397)	0.013	0.032	ND	0.0016	0.0009	ND	ND	ND	ND	0.0475
	9/21/2004	(425)	0.0095	0.034	ND	0.0012	0.0009	ND	ND	0.0024	ND	0.0487
	12/1/2004	(449)	0.0160	0.0400	0.0003J	0.0017	0.0010	ND	ND	0.0019	ND	0.0614
	2/9/2005	(472)	0.0098	0.0290	ND	0.0009	0.0007	ND	ND	0.0027	ND	0.0434
	5/11/2005	(489)	0.0150	0.0340	ND	0.0013	0.0008	ND	ND	0.0013	ND	0.0529
	5/11/2005	(490)	0.0150	0.0340	ND	0.0015	0.0008	ND	ND	0.0014	ND	0.0532
	8/18/2005	(510)	0.0110	0.0270	ND	0.0011	0.0006	ND	ND	0.0017	ND	0.0418
	11/4/2005	(519)	0.0130	0.0290	ND	0.0015	0.0007	ND	ND	ND	0.0006	0.0452
	3/15/2006	(551)	0.0120	0.0200	ND	0.0009	0.0005	ND	ND	0.0018	ND	0.0355
	5/18/2006	(572)	0.0110	0.0240	<0.0005	0.0010	0.0006	<0.0050	<0.0005	0.0011	<0.0005	0.0381
	9/20/2006	(584)	0.0035	0.0011	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0150	0.0202
	12/5/2006	(610)	0.0044	0.0026	<0.0005	0.0006	0.0004J	<0.0050	0.0012	0.0007	0.0017	0.0751
	5/22/2007		0.016	0.022	<0.0005	0.0005J	0.0003J	<0.0050	0.0004J	0.0003J	<0.0005	0.0395
	11/5/2007	(645)	0.0027	0.015	<0.0005	0.0003J	0.0005	<0.0050	<0.0005	0.0140	<0.0005	0.0328
	6/4/2008	(667)	0.0044	0.022	<0.0005	0.0005J	0.0006	<0.0050	<0.0005	0.0062	<0.0005	0.0342
	11/5/2008	(695)	0.0033	0.021	<0.0005	0.0005J	0.0006	<0.0050	<0.0005	0.0089	<0.0005	0.0349
	5/12/2009	(706)	0.0053	0.024	<0.0005	0.0003J	0.0005	<0.0050	<0.0005	0.0014	<0.0005	0.0319

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
	11/16/2009	(741)	0.0041	0.0200	<0.0005	0.0004J	0.0005J	<0.005	<0.0005	0.0064	<0.0005	0.0320
	5/27/2010	(756)	0.0043	0.020	<0.0005	0.0003J	0.0004J	<0.005	<0.0005	0.0006	<0.0005	0.0261
	12/17/2010	(783)	0.0040	0.018	<0.0005	0.0006	0.0004J	<0.005	<0.0005	0.0028	<0.0005	0.0265
	5/18/2011	(800)	0.0027	0.016	<0.0005	0.0003J	0.0004J	<0.002	<0.0005	0.0084	<0.0005	0.0286
	11/18/2011	(834)	0.0028	0.019	<0.0005	<0.0005	0.0004J	<0.005	<0.0005	0.0091	<0.0005	0.0322
	6/13/2012	(852)	0.02	0.04	<0.0005	0.0006	0.0005J	<0.005	0.0005J	0.0021	<0.0005	0.0645
	11/30/2012	(876)	0.009	0.054	<0.0005	0.0008	0.0007	<0.002	<0.0005	0.0038	<0.0005	0.0696
	6/7/2013	(891)	0.012	0.061	<0.0005	0.0011	0.0008	<0.002	<0.0005	0.0021	<0.0005	0.0777
	11/7/2013	(917)	0.013	0.092	<0.0005	0.0014	0.0013	<0.002	<0.0005	0.0042	<0.0005	0.1149
	5/15/2014	(932)	0.017	0.080	<0.0005	0.0013	0.0010	<0.002	<0.0005	0.0009	<0.0005	0.1025
	12/5/2014	(956)	0.018	0.087	<0.0005	0.0011	0.0010	<0.002	<0.0005	0.0007	<0.0005	0.1103
	7/1/2015	(976)	0.071	0.085	<0.0005	0.0013	0.0011	0.0014 J	0.0021	0.0017	<0.0005	0.1669
E10	8/1/1988		0.9200	0.2300	ND	ND	ND	0.0041	0.0011	ND	ND	1.1552
	8/1/1988		0.7700	0.1200	ND	ND	ND	0.0800	0.0041	ND	ND	0.9741
	Pumping started Jan 1990											
	1/22/1990		0.5300	0.1000	ND	ND	ND	ND	ND	ND	ND	0.6300
	4/3/1990		0.6200	0.1600	ND	ND	ND	ND	0.0074	ND	ND	0.7874
	6/7/1990		0.6400	0.1500	ND	ND	ND	ND	0.0089	ND	ND	0.7989
	8/31/1990		0.8800	0.1900	ND	ND	ND	ND	ND	ND	ND	1.0700
	12/4/1990		0.6600	0.1400	ND	ND	ND	0.0100	0.0120	ND	ND	0.8220
	2/7/1991		0.5500	0.1400	ND	ND	ND	ND	0.0110	ND	ND	0.7010
	5/8/1991		0.5800	0.1500	ND	ND	ND	ND	ND	ND	ND	0.7300
	8/23/1991	(41)	0.7400	0.1700	ND	ND	ND	ND	ND	ND	ND	1.0100
	12/2/1991		0.6500	0.1600	ND	ND	ND	ND	0.0079	ND	ND	0.8179
	3/3/1992		0.6000	0.1300	ND	ND	ND	ND	ND	ND	ND	0.7300
	5/27/1992		0.5700	0.1100	ND	ND	ND	ND	ND	ND	ND	0.6800
	9/3/1992	(78)	0.5900	0.1500	ND	ND	ND	ND	ND	ND	ND	0.7400
	11/25/1992		0.6000	0.1800	ND	ND	ND	ND	ND	ND	ND	0.7800
	3/3/1993		0.5100	0.1600	ND	ND	ND	ND	ND	ND	ND	0.6700
	5/18/1993		0.5600	0.1700	ND	ND	ND	ND	ND	ND	ND	0.7300
	8/25/1993		0.5600	0.1500	ND	ND	ND	ND	ND	ND	ND	0.7100
	11/22/1993		0.5000	0.1500	ND	ND	ND	ND	ND	ND	ND	0.6500
	2/15/1994		0.3900	0.1300	ND	ND	ND	ND	ND	ND	ND	0.5200
	5/18/1994		0.4200	0.1300	ND	ND	ND	ND	ND	ND	ND	0.5500
	8/17/1994		0.6100	0.1500	ND	ND	ND	ND	0.0100	ND	ND	0.7700
	11/29/1994		0.4100	0.1300	ND	ND	ND	ND	ND	ND	ND	0.5400
	2/15/1995		0.5800	0.1800	ND	ND	ND	ND	ND	ND	ND	0.7600
	5/17/1995		0.4500	0.1500	ND	ND	ND	ND	ND	ND	0.0210	0.6210
	8/16/1995		0.4600	0.1400	ND	ND	ND	ND	ND	ND	ND	0.6000
	12/1/1995		0.4900	0.1500	ND	ND	ND	ND	0.0060	ND	ND	0.6460
	2/14/1996		0.3700	0.1200	ND	ND	ND	ND	ND	ND	ND	0.4900
	5/14/1996		0.3000	0.1100	ND	ND	ND	ND	ND	ND	ND	0.4100
	8/21/1996		0.3700	0.1300	ND	ND	ND	ND	ND	ND	ND	0.5000
	11/22/1996		0.300	0.110	ND	ND	ND	ND	ND	ND	ND	0.4100
	2/13/1997		0.290	0.130	ND	ND	ND	ND	ND	ND	ND	0.4200
	5/14/1997		0.380	0.150	ND	ND	ND	ND	ND	ND	ND	0.5300
	8/28/1997	(123)	0.350	0.120	ND	ND	ND	ND	0.0040	ND	ND	0.4770
	11/12/1997		0.390	0.140	ND	ND	ND	NA	ND	ND	ND	0.5300
	2/19/1998	(134)	0.300	0.110	ND	ND	ND	ND	0.004	ND	ND	0.4170
	6/3/1998	(138)	0.330	0.130	ND	ND	ND	ND	0.004	ND	ND	0.4680
	8/13/1998	(144)	0.508	0.133	ND	ND	ND	ND	0.0068	ND	ND	0.6715
	11/30/1998		0.670	0.157	ND	ND	ND	ND	ND	ND	ND	0.8270
	2/24/1999		0.597	0.146	ND	ND	ND	ND	ND	ND	ND	0.7430
	6/3/1999		0.481	0.128	ND	ND	ND	ND	ND	ND	ND	0.6090
E10	8/11/1999		0.942	0.245	ND	ND	ND	ND	ND	ND	ND	1.1870
	12/7/1999		0.481	0.185	ND	ND	ND	ND	ND	ND	ND	0.6660
	3/16/2000		0.287	0.160	ND	ND	ND	ND	ND	ND	ND	0.4470
	5/11/2000		0.422	0.180	ND	ND	ND	ND	ND	ND	ND	0.6020
	8/30/2000		0.341	0.158	ND	ND	ND	ND	ND	ND	ND	0.4990
	11/30/2000		0.274	0.157	ND	ND	ND	ND	ND	ND	ND	0.4310
	3/5/2001		0.444	0.157	ND	ND	ND	ND	0.0107	ND	ND	0.6117
	5/15/2001		0.291	0.149	ND	ND	ND	ND	ND	ND	ND	0.4400
	8/14/2001	(194)	0.270	0.150	ND	ND	ND	ND	0.0033	0.0017	ND	0.4322
	11/26/2001	(215)	0.220	0.150	ND	0.0011	ND	0.0026	0.004	0.0009	ND	0.3837
	2/12/2002	(229)	0.270	0.160	ND	ND	ND	ND	0.0029	ND	ND	0.4444
	5/14/2002	(242)	0.290	0.150	ND	ND	ND	ND	0.0031	0.0011	ND	0.4498
	8/9/2002	(252)	0.230	0.150	ND	ND	ND	ND	0.0029	0.0014	ND	0.3929
	11/14/2002	(270)	0.330	0.160	ND	ND	ND	0.0024	0.0027	0.0120	ND	0.5121
	2/27/2003	(298)	0.240	0.140	ND	ND	ND	ND	0.0027	0.0008	ND	0.3892

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
	6/17/2003	(316)	0.220	0.120	ND	ND	ND	ND	0.0030	0.0010	ND	0.3499
	9/30/2003	(342)	0.200	0.120	ND	ND	ND	ND	0.0019	0.0007	ND	0.3267
	Pumping stopped December 4, 2003											
	12/18/2003	(354)	0.140	0.043	ND	ND	ND	ND	0.0010	ND	ND	0.1862
	3/17/2004	(378)	0.160	0.024	ND	ND	ND	0.0052	0.0018	ND	ND	0.1925
	6/9/2004	(407)	0.150	0.023	ND	ND	ND	0.0056	0.0016	ND	ND	0.1813
	9/20/2004	(426)	0.140	0.026	ND	ND	ND	ND	0.0011	ND	ND	0.1678
	11/30/2004		0.180	0.025	ND	ND	ND	ND	0.0017	ND	ND	0.2067
	2/9/2005	(481)	0.140	0.021	ND	ND	ND	ND	0.0016	ND	ND	0.1631
	5/12/2005	(491)	0.150	0.030	ND	0.0004J	ND	0.0052	0.0021	ND	ND	0.1883
	8/17/2005	(511)	0.160	0.018	ND	ND	ND	ND	0.0017	ND	ND	0.1803
	11/3/2005	(525)	0.170	0.028	ND	0.0003J	ND	0.0061	0.0019	ND	ND	0.2072
	3/16/2006	(552)	0.160	0.024	ND	ND	ND	0.0055J	0.0016	ND	ND	0.1925
	5/19/2006	(560)	0.160	0.026	<0.0010	<0.0010	<0.0010	<0.010	0.0017	<0.0010	<0.0010	0.1888
	9/21/2006	(585)	0.150	0.019	<0.0010	<0.0010	<0.0010	<0.010	0.0019	<0.0010	<0.0010	0.1714
	12/6/2006	(611)	0.160	0.026	<0.0010	<0.0010	<0.0010	0.0085J	0.0019	<0.0010	<0.0010	0.1970
	5/21/2007	(628)	0.160	0.023	<0.0010	<0.0010	<0.0010	0.0060J	0.0015	<0.0010	<0.0010	0.1911
	11/1/2007	(646)	0.130	0.024	<0.0013	<0.0013	<0.0013	<0.013	0.0011J	<0.0013	<0.0013	0.1558
	6/3/2008	(657)	0.1400	0.0270	<0.001	<0.001	<0.001	0.0095J	0.0016	<0.001	<0.001	0.1787
	11/6/2008		0.1500	0.0220	<0.0013	<0.0013	<0.0013	0.0084J	0.0015	<0.0013	<0.0013	0.1819
	5/13/2009		0.1400	0.0180	<0.0013	<0.0013	<0.0013	0.0067J	0.0016	<0.0013	<0.0013	0.1663
	11/17/2009	(742)	0.1200	0.0220	<0.0007	<0.0007	<0.0007	0.0096	0.0015	<0.0007	<0.0007	0.1552
	5/26/2010	(757)	0.140	0.019	<0.001	<0.001	<0.001	0.0082J	0.001J	0.0005J	<0.001	0.1692
	12/15/2010		0.130	0.017	<0.001	<0.001	<0.001	0.0070J	0.0011	<0.001	<0.001	0.1551
	5/18/2011	(801)	0.110	0.019	<0.001	<0.001	<0.001	0.0091	0.0011	<0.001	<0.001	0.1397
	11/15/2011	(835)	0.130	0.020	<0.0005	<0.0005	<0.0005	0.0093	0.0016	<0.0005	<0.0005	0.1613
	6/12/2012		0.120	0.017	<0.001	<0.001	<0.001	0.0081	0.0015	<0.001	<0.001	0.147
	11/27/2012	(877)	0.130	0.017	<0.0013	<0.0013	<0.0013	0.0071	0.0016	<0.0013	<0.0013	0.1568
	6/5/2013	(892)	0.120	0.018	<0.0005	<0.0005	<0.0005	0.007	0.0018	0.0003J	<0.0005	0.1474
	11/8/2013		0.120	0.015	<0.0013	<0.0013	<0.0013	0.0067	0.0015	<0.0013	<0.0013	0.1432
	5/14/2014	(933)	0.120	0.022	<0.0005	<0.0005	<0.0005	0.0071	0.0014	0.0007	<0.0005	0.1516
	12/6/2014		0.110	0.016	<0.001	<0.001	<0.001	0.0040J	0.0016	<0.001	<0.001	0.1316
	6/27/2015		0.100	0.021	<0.001	<0.001	<0.001	0.0031 J	0.001	<0.001	<0.001	0.1251
E11	8/8/1988		0.1300	0.0590	0.0008	0.0004	0.0007	0.0045	0.0007	ND	0.0013	0.1974
	8/8/1988		0.1500	0.0510	ND	ND	ND	0.0680	ND	ND	ND	0.2690
	Pumping started Jan 1990											
	1/5/1990	+	0.0840	0.0530	ND	ND	ND	0.0190	ND	ND	ND	0.1560
	4/4/1990		0.2800	0.0910	ND	ND	ND	ND	ND	ND	ND	0.3710
	6/7/1990		0.2500	0.0850	ND	ND	ND	0.0170	ND	ND	ND	0.3520
	8/30/1990		0.4400	0.1200	ND	ND	ND	ND	ND	ND	ND	0.5600
	12/4/1990		0.3500	0.0930	ND	ND	ND	0.0260	ND	ND	ND	0.4690
	2/7/1991		0.3500	0.0900	ND	ND	ND	0.0200	ND	ND	ND	0.4600
	5/8/1991		0.3600	0.0990	ND	ND	ND	0.0180	ND	ND	ND	0.4770
	8/23/1991		0.4100	0.1100	ND	ND	ND	0.0310	ND	ND	ND	0.5510
	12/2/1991		0.3900	0.0990	ND	ND	ND	0.0220	ND	ND	ND	0.5110
	3/3/1992		0.2800	0.0600	ND	ND	ND	ND	ND	ND	ND	0.3400
	5/27/1992		0.2600	0.0470	ND	ND	ND	ND	ND	ND	ND	0.3070
	9/3/1992		0.2800	0.0620	ND	ND	ND	0.0260	ND	ND	ND	0.3680
	11/25/1992		0.3200	0.0920	ND	ND	ND	0.0360	ND	ND	ND	0.4480
	3/3/1993		0.3100	0.0910	ND	ND	ND	ND	ND	ND	ND	0.4010
	5/18/1993		0.3300	0.0890	ND	ND	ND	0.0190	ND	ND	ND	0.4380
	8/25/1993		0.3400	0.0740	ND	ND	ND	0.0340	ND	ND	ND	0.4480
	11/22/1993		0.2500	0.0680	ND	ND	ND	0.0140	ND	ND	ND	0.3320
	2/15/1994		0.2600	0.0670	ND	ND	ND	0.0180	ND	ND	ND	0.3450
	5/18/1994		0.2600	0.0670	ND	ND	ND	0.0180	ND	ND	ND	0.3450
E11	8/17/1994		0.2400	0.0590	ND	ND	ND	0.0300	ND	ND	ND	0.3290
	11/29/1994		0.2500	0.0610	ND	ND	ND	0.053	ND	ND	ND	0.3640
	2/15/1995		0.3300	0.0770	ND	ND	ND	0.038	ND	ND	ND	0.4450
	5/17/1995		0.2400	0.0640	ND	ND	ND	0.038	ND	ND	0.0100	0.3520
	8/16/1995		0.2600	0.0630	ND	ND	ND	0.037	ND	ND	ND	0.3600
	12/1/1995		0.2400	0.0550	ND	ND	ND	0.036	ND	ND	ND	0.3310
	2/14/1996		0.1500	0.0370	ND	ND	ND	0.042	ND	ND	ND	0.2290
	5/14/1996		0.1900	0.0480	ND	ND	ND	0.036	ND	ND	ND	0.2740
	8/21/1996		0.1700	0.0450	ND	ND	ND	0.038	ND	ND	ND	0.2530
	11/22/1996		0.190	0.043	ND	ND	ND	0.051	ND	ND	ND	0.2840
	2/13/1997		0.120	0.040	ND	ND	ND	0.019	ND	ND	ND	0.1790

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
	5/14/1997		0.180	0.049	ND	ND	ND	0.036	ND	ND	ND	0.2650
	8/28/1997		0.160	0.036	ND	ND	ND	0.025	ND	ND	ND	0.2210
	11/12/1997		0.210	0.051	ND	ND	ND	NA	ND	ND	ND	0.2610
	2/19/1998		0.140	0.033	ND	ND	ND	0.020	ND	ND	ND	0.1930
	6/3/1998		0.150	0.035	ND	ND	ND	0.033	ND	ND	ND	0.2180
	8/13/1998		0.231	0.0365	ND	ND	ND	0.0378	ND	ND	ND	0.3053
	12/1/1998		0.183	0.0255	ND	ND	ND	0.0341	ND	ND	ND	0.2426
	2/24/1999		0.231	0.0339	ND	ND	ND	0.0633	ND	ND	ND	0.3282
	6/3/1999		0.141	0.0197	ND	ND	ND	0.0288	ND	ND	ND	0.1895
	8/11/1999		0.184	0.0257	ND	ND	ND	0.0421	ND	ND	ND	0.2518
	12/7/1999		0.149	0.0303	ND	ND	ND	0.0331	ND	ND	ND	0.2124
	3/16/2000		0.085	0.0206	ND	ND	ND	0.0287	ND	ND	ND	0.1346
	5/11/2000		0.156	0.0291	ND	ND	ND	0.0407	ND	ND	ND	0.2258
	8/30/2000		0.130	0.0311	ND	ND	ND	0.0228	ND	ND	ND	0.1839
	11/30/2000		0.099	0.0289	ND	ND	ND	0.0221	ND	ND	ND	0.1500
	3/5/2001		0.109	0.0354	ND	ND	ND	0.0288	ND	ND	ND	0.1732
	5/15/2001		0.117	0.0255	ND	ND	ND	0.0197	ND	ND	ND	0.1622
	8/14/2001	(197)	0.094	0.0170	ND	ND	ND	0.0260	ND	ND	ND	0.1377
	11/26/2001	(216)	0.098	0.022	ND	ND	ND	0.0250	0.0006	ND	ND	0.1470
	2/12/2002	(230)	0.140	0.028	ND	ND	ND	0.0280	0.0011	ND	ND	0.1978
	5/14/2002	(243)	0.099	0.021	ND	ND	ND	0.0220	0.0007	ND	ND	0.1433
	8/9/2002	(255)	0.140	0.032	ND	ND	ND	0.0430	0.0012	ND	ND	0.2170
	11/14/2002	(271)	0.160	0.024	ND	ND	ND	0.0330	0.0009	ND	ND	0.2193
	2/27/2003	(294)	0.150	0.032	ND	ND	ND	0.0320	0.0014	ND	ND	0.2161
	6/17/2003	(317)	0.130	0.031	ND	ND	ND	0.0300	0.0013	ND	ND	0.1931
	9/30/2003	(334)	0.150	0.041	ND	ND	ND	0.0290	0.0014	ND	ND	0.2221
	Pumping stopped December 4, 2003											
	12/19/2003	(366)	0.390	0.052	ND	ND	ND	ND	0.0075	ND	ND	0.4516
	3/30/2004	(392)	0.310	0.042	ND	ND	ND	0.0180	0.0072	ND	ND	0.3787
	6/25/2004	(395)	0.240	0.041	ND	ND	ND	0.0160	0.0076	ND	ND	0.3059
	6/25/2004	(396)	0.240	0.042	ND	ND	ND	0.0140	0.0061	ND	ND	0.3035
	9/21/2004	(427)	0.230	0.034	ND	ND	ND	ND	0.0052	ND	ND	0.2885
	12/1/2004	(450)	0.120	0.026	ND	ND	ND	0.019	0.0017	ND	ND	0.1676
	2/9/2005	(463)	0.098	0.022	ND	ND	ND	0.019	0.0015	ND	ND	0.1414
	5/12/2005	(492)	0.098	0.028	ND	ND	ND	0.018	0.0007	ND	ND	0.1459
	8/17/2005	(512)	0.090	0.020	ND	ND	ND	0.015	0.0006	ND	ND	0.1265
	11/1/2005	(521)	0.080	0.019	ND	ND	ND	0.014	0.0007	ND	ND	0.1146
	3/15/2006	(553)	0.120	0.022	ND	ND	ND	0.017	0.0025	0.0003J	ND	0.1627
	5/22/2006	(574)	0.082	0.023	<0.0005	<0.0005	<0.0005	0.016	0.0011	<0.0005	<0.0005	0.1231
	9/20/2006	(586)	0.089	0.020	<0.0005	<0.0005	<0.0005	0.018	0.0007	<0.0005	<0.0005	0.1286
	12/6/2006	(612)	0.094	0.024	<0.0005	<0.0005	<0.0005	0.025	0.0007	<0.0005	<0.0005	0.1449
	5/23/2007	(626)	0.090	0.021	<0.0005	<0.0005	<0.0005	0.018	0.0006	<0.0005	<0.0005	0.1306
	11/1/2007	(647)	0.082	0.020	<0.0005	<0.0005	<0.0005	0.013	0.0006	<0.0005	<0.0005	0.1165
	6/4/2008	(660)	0.088	0.024	<0.0005	0.0003J	<0.0005	0.018	0.0006	<0.0005	<0.0005	0.1322
	11/5/2008	(696)	0.086	0.020	<0.0005	<0.0005	<0.0005	0.015	0.0005	<0.0005	<0.0005	0.1225
	5/13/2009	(713)	0.081	0.017	<0.0005	<0.0005	<0.0005	0.011	0.0004J	<0.0005	<0.0005	0.1102
	11/16/2009	(743)	0.076	0.019	<0.0005	<0.0005	<0.0005	0.012	0.0005J	0.0008	<0.0005	0.1093
	5/26/2010	(758)	0.070	0.016	<0.0005	<0.0005	<0.0005	0.0098	0.0005J	0.0006	<0.0005	0.0977
	12/17/2010	(784)	0.075	0.013	<0.0005	0.0003J	<0.0005	0.012	0.0004J	0.0012	<0.0005	0.1036
	5/18/2011	(802)	0.065	0.018	<0.0005	<0.0005	<0.0005	0.011	0.0003J	0.0010	<0.0005	0.0963
	11/15/2011	(836)	0.075	0.016	<0.0005	<0.0005	<0.0005	0.091	0.0004J	0.0045	<0.0005	0.1877
	6/12/2012	(853)	0.069	0.015	<0.0005	<0.0005	<0.0005	0.097	0.0005J	<0.0005	<0.0005	0.1824
	11/30/2012	(878)	0.080	0.017	<0.0005	<0.0005	<0.0005	0.010	0.0004J	0.0003J	<0.0005	0.1087
	6/7/2013	(893)	0.052	0.012	<0.0005	<0.0005	<0.0005	0.006	0.0004J	<0.0005	<0.0005	0.0710
	11/8/2013	(918)	0.072	0.019	<0.0005	<0.0005	<0.0005	0.011	0.0003J	0.0007	<0.0005	0.1044
	5/15/2014	(934)	0.070	0.014	<0.0005	<0.0005	<0.0005	0.010	0.0003 J	0.0003 J	<0.0005	0.0955
	12/5/2014	(957)	0.063	0.013	<0.0005	<0.0005	<0.0005	0.0089	0.0004 J	0.0005	<0.0005	0.0866
	7/1/2015	(972)	0.073	0.015	<0.0005	<0.0005	<0.0005	0.0100	0.0004 J	0.0006	<0.0005	0.1000
E12	8/9/1988		0.0320	ND	ND	ND	ND	ND	ND	ND	ND	0.0320
	8/9/1988		0.0300	0.0630	ND	ND	ND	ND	ND	ND	ND	0.0930
E12	Pumping started Jan 1990											
	1/5/1990	+	0.0710	0.0950	ND	ND	ND	0.0190	ND	ND	ND	0.1850
	4/4/1990		0.4400	0.1200	ND	ND	ND	ND	ND	ND	ND	0.5600
	6/8/1990		0.5400	0.1200	ND	ND	ND	0.0120	0.0050	ND	ND	0.6770
	8/30/1990		0.8100	0.1400	ND	ND	ND	ND	ND	ND	ND	0.9500
	12/4/1990		0.4300	0.0730	ND	ND	ND	0.0180	0.0061	ND	ND	0.5271

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
	2/7/1991		0.3600	0.0710	ND	ND	ND	0.0110	ND	ND	ND	0.4420
	5/8/1991		0.3600	0.0670	ND	ND	ND	ND	ND	ND	ND	0.4270
	8/23/1991		0.4200	0.0850	ND	ND	ND	0.0049	ND	ND	ND	0.5099
	12/2/1991		0.3900	0.0780	ND	ND	ND	0.0110	ND	ND	ND	0.4790
	3/3/1992		0.2700	0.0400	ND	ND	ND	ND	ND	ND	ND	0.3100
	5/27/1992		0.2900	0.0190	ND	ND	ND	ND	ND	ND	ND	0.3090
	9/3/1992		0.3400	0.0660	ND	ND	ND	ND	ND	ND	ND	0.4060
	11/25/1992		0.3500	0.0980	ND	ND	ND	0.0150	ND	ND	ND	0.4630
	3/9/1993		0.3500	0.0850	ND	ND	ND	ND	ND	ND	ND	0.4350
	5/18/1993		0.3500	0.0970	ND	ND	ND	0.0120	ND	ND	ND	0.4590
	8/25/1993		0.4600	0.1000	ND	ND	ND	ND	ND	ND	ND	0.5600
	11/22/1993		0.3900	0.1100	ND	ND	ND	0.0090	ND	ND	ND	0.5090
	2/15/1994		0.3700	0.1000	ND	ND	ND	0.0096	ND	ND	ND	0.4796
	5/18/1994		0.3600	0.0920	ND	ND	ND	0.0097	ND	ND	ND	0.4617
	8/17/1994		0.3700	0.0900	ND	ND	ND	0.0099	ND	ND	ND	0.4699
	11/29/1994		0.4100	0.1000	ND	ND	ND	0.022	ND	ND	ND	0.5320
	2/15/1995		0.3900	0.0900	ND	ND	ND	ND	ND	ND	ND	0.4800
	5/17/1995		0.4100	0.1100	ND	ND	ND	0.0100	ND	ND	0.0120	0.5420
	8/16/1995		0.4000	0.1100	ND	ND	ND	0.0130	ND	ND	ND	0.5230
	12/1/1995	(109)	0.6500	0.1300	ND	ND	ND	ND	0.0070	ND	ND	0.7890
	2/14/1996		0.3500	0.0910	ND	ND	ND	ND	ND	ND	ND	0.4430
	5/14/1996		0.3200	0.0930	ND	ND	ND	0.0130	ND	ND	ND	0.4260
	8/21/1996		0.3700	0.1000	ND	ND	ND	0.0140	ND	ND	ND	0.4840
	11/22/1996		0.340	0.089	ND	ND	ND	0.013	ND	ND	0.089	0.5310
	2/13/1997		0.250	0.096	ND	ND	ND	0.013	ND	ND	ND	0.3590
	5/14/1997		0.340	0.110	ND	ND	ND	0.017	ND	ND	ND	0.4670
	8/28/1997		0.180	0.066	ND	ND	ND	0.005	ND	ND	ND	0.2510
	11/12/1997		0.340	0.100	ND	ND	ND	NA	ND	ND	ND	0.4400
	2/19/1998		0.270	0.083	ND	ND	ND	0.011	0.003	ND	ND	0.3670
	6/3/1998		0.320	0.089	ND	ND	ND	0.013	0.003	ND	ND	0.4250
	8/14/1998		0.708	0.127	ND	ND	ND	0.0221	ND	ND	ND	0.8571
	8/14/1998		0.613	0.105	ND	ND	ND	0.0274	ND	ND	ND	0.7454
	12/1/1998		0.516	0.0868	ND	ND	ND	0.0224	ND	ND	ND	0.6252
	2/24/1999		0.373	0.0724	ND	ND	ND	0.0146	ND	ND	ND	0.4600
	6/3/1999		0.409	0.0636	ND	ND	ND	0.0250	ND	ND	ND	0.4976
	8/11/1999		0.561	0.0802	ND	ND	ND	0.0358	ND	ND	ND	0.6770
	12/7/1999		0.342	0.0850	ND	ND	ND	ND	ND	ND	ND	0.4270
	3/16/2000		0.203	0.0750	ND	ND	ND	0.0128	ND	ND	ND	0.2908
	5/12/2000		0.262	0.0569	ND	ND	ND	0.0179	ND	ND	ND	0.3368
	8/30/2000		0.278	0.0772	ND	ND	ND	0.0246	ND	ND	ND	0.3798
	11/30/2000		0.252	0.0754	ND	ND	ND	0.0153	ND	ND	ND	0.3427
	11/30/2000		0.240	0.0751	ND	ND	ND	0.0154	ND	ND	ND	0.3305
	3/5/2001		0.244	0.1120	ND	ND	ND	0.0155	ND	ND	ND	0.3715
	5/15/2001		0.258	0.0790	ND	ND	ND	0.0169	ND	ND	ND	0.3539
	8/14/2001	(188)	0.200	0.0720	ND	ND	ND	0.0084	0.0018	ND	ND	0.2822
	11/26/2001	(217)	0.190	0.071	ND	0.0005	ND	0.017	0.0026	ND	ND	0.2652
	2/12/2002		0.240	0.084	ND	0.0006	ND	0.0220	0.0029	0.01	ND	0.3587
	5/14/2002	(244)	0.250	0.069	ND	ND	ND	0.0150	0.0020	ND	ND	0.3376
	8/9/2002	(256)	0.220	0.078	ND	ND	ND	0.0240	0.0019	ND	ND	0.3259
	11/14/2002	(272)	0.280	0.064	ND	ND	ND	0.0190	0.0020	ND	ND	0.3678
	2/27/2003	(300)	0.210	0.058	ND	ND	ND	0.0160	0.0023	ND	ND	0.2880
	6/17/2003	(318)	0.190	0.063	ND	ND	ND	0.0160	0.0025	ND	ND	0.2733
	9/30/2003	(336)	0.190	0.069	ND	ND	ND	0.0160	0.0021	ND	ND	0.2787
	Pumping stopped December 4, 2003											
	12/18/2003	(359)	0.110	0.042	ND	ND	ND	0.025	0.0008	ND	ND	0.1793
	3/17/2004	(381)	0.130	0.033	ND	ND	ND	0.033	0.0012	ND	ND	0.1988
	6/10/2004	(408)	0.120	0.030	ND	ND	ND	0.034	0.0009	ND	ND	0.1863
	9/20/2004	(428)	0.097	0.024	ND	ND	ND	0.041	0.0006	ND	ND	0.1646
	12/3/2004	(451)	0.083	0.021	ND	ND	ND	0.057	0.0003J	0.0003J	ND	0.1628
	2/11/2005	(473)	0.090	0.015	ND	ND	ND	0.050	0.0006J	0.0003J	ND	0.1572
	2/11/2005	(474)	0.088	0.015	ND	ND	ND	0.047	0.0006J	ND	ND	0.1518
	5/12/2005	(493)	0.092	0.017	ND	ND	ND	0.037	0.0007J	ND	ND	0.1477
	8/18/2005	(513)	0.086	0.018	ND	ND	ND	0.041	0.0016	0.0003J	ND	0.1481
	11/3/2005	(529)	0.098	0.019	ND	ND	ND	0.045	0.0007	0.0004J	ND	0.1642
	3/16/2006	(554)	0.078	0.017	ND	ND	ND	0.065	0.0006	0.0006	ND	0.1623
E12	5/19/2006	(563)	0.096	0.017	<0.0005	<0.0005	<0.0005	0.048	0.0007	0.0003J	<0.0005	0.1631
	9/21/2006	(587)	0.098	0.019	<0.0005	<0.0005	<0.0005	0.060	0.0007	0.0004J	<0.0005	0.1792
	12/6/2006	(596)	0.088	0.018	<0.0005	<0.0005	<0.0005	0.066	0.0008	<0.0005	<0.0005	0.1739

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
	5/23/2007	(623)	0.069	0.013	<0.0007	<0.0007	<0.0007	0.036	0.0007	<0.0007	<0.0007	0.1194
	11/2/2007	(648)	0.065	0.012	<0.0005	<0.0005	<0.0005	0.036	0.0004J	0.0003J	<0.0005	0.1144
	6/4/2008	(665)	0.081	0.017	<0.0005	<0.0005	<0.0005	0.058	0.0006	0.0003J	<0.0005	0.1579
	11/6/2008	(697)	0.070	0.015	<0.0005	<0.0005	<0.0005	0.037	0.0006	0.0003J	<0.0005	0.1238
	5/13/2009	(714)	0.075	0.013	<0.0005	<0.0005	<0.0005	0.037	0.0005	<0.0005	<0.0005	0.1261
	11/17/2009	(744)	0.064	0.018	<0.0005	0.0004J	<0.0005	0.041	0.0006	0.0003J	<0.0005	0.1253
	5/26/2010	(759)	0.069	0.013	<0.0005	<0.0005	<0.0005	0.035	0.0007	0.0003J	<0.0005	0.1189
	12/15/2010	(785)	0.064	0.014	<0.0005	<0.0005	<0.0005	0.031	0.0005	0.0004J	<0.0005	0.1108
	5/18/2011	(803)	0.054	0.014	<0.0005	<0.0005	<0.0005	0.033	0.0004J	0.0004J	<0.0005	0.1026
	11/15/2011	(837)	0.062	0.012	<0.0005	<0.0005	<0.0005	0.028	0.0005J	0.0003J	<0.0005	0.1041
	11/15/2011	(838)	0.050	0.011	<0.0010	<0.0010	<0.0010	0.021	<0.0010	<0.0010	<0.0010	0.0833
	6/12/2012	(854)	0.055	0.011	<0.0005	<0.0005	<0.0005	0.022	0.0006	<0.0005	<0.0005	0.089
	11/27/2012	(879)	0.063	0.014	<0.0005	<0.0005	<0.0005	0.022	0.0005	0.0005	<0.0005	0.1008
	6/5/2013	(894)	0.053	0.011	<0.0005	<0.0005	<0.0005	0.022	0.0004J	0.0004J	<0.0005	0.0880
	11/8/2013	(919)	0.055	0.011	<0.0005	<0.0005	<0.0005	0.021	0.0005	0.0005J	<0.0005	0.0901
	5/14/2014	(935)	0.054	0.013	<0.0005	<0.0005	<0.0005	0.024	0.0004 J	0.0005 J	<0.0005	0.0934
	12/6/2014	(958)	0.060	0.013	<0.0005	<0.0005	<0.0005	0.028	0.0005 J	0.0005 J	<0.0005	0.1033
	6/27/2015	(978)	0.053	0.015	<0.0005	<0.0005	<0.0005	0.025	0.0005	0.0022	<0.0005	0.0967
E13	8/4/1988		2.5000	0.0140	ND	0.0003	ND	0.0280	0.0007	ND	0.0003	2.5433
	8/4/1988		4.6000	0.0200	ND	ND	ND	0.3200	ND	ND	ND	4.9400
	Pumping started Jan 1990											
	1/5/1990		1.5000	0.0096	ND	ND	ND	0.0950	ND	ND	ND	1.6046
	4/4/1990		1.9000	0.0100	ND	ND	ND	0.0310	0.0380	ND	ND	1.9790
	4/4/1990		1.8000	0.0097	ND	ND	ND	0.0240	0.0350	ND	ND	1.8687
	6/8/1990		0.8400	0.0170	ND	ND	ND	0.0340	0.0680	ND	ND	0.9590
	8/30/1990	(29)	1.9000	0.0290	ND	0.0014	0.0015	0.0330	0.0670	0.0011	0.0005	2.0335
	12/4/1990		1.6000	0.0340	ND	ND	ND	0.0400	0.0670	ND	ND	1.7410
	2/7/1991		1.4000	0.0410	ND	ND	ND	0.0300	0.0490	ND	ND	1.5200
	5/9/1991		1.5000	0.0360	ND	ND	ND	0.0300	0.0520	ND	ND	1.6180
	8/23/1991	(44)	1.6000	ND	ND	ND	ND	ND	0.0540	ND	ND	1.7350
	12/2/1991		1.8000	0.0580	ND	ND	ND	ND	0.0670	ND	ND	1.9250
	3/3/1992		1.4000	ND	ND	ND	ND	ND	ND	ND	ND	1.4000
	5/27/1992		1.2000	ND	ND	ND	ND	ND	ND	ND	ND	1.2000
	9/3/1992		1.7000	ND	ND	ND	ND	ND	ND	ND	ND	1.7000
	11/25/1992		1.5000	0.0550	ND	ND	ND	ND	0.0930	ND	ND	1.6480
	11/25/1992		1.4000	0.0400	ND	ND	ND	ND	0.0770	ND	ND	1.5170
	3/5/1993		1.3000	0.0500	ND	ND	ND	ND	0.0710	ND	ND	1.4210
	5/17/1993		2.0000	ND	ND	ND	ND	ND	0.0630	ND	ND	2.0630
	8/20/1993		1.7000	ND	ND	ND	ND	ND	0.0550	ND	ND	1.7550
	Not Pumping											
	2/15/1994		1.2000	0.0650	ND	ND	ND	ND	0.0460	ND	ND	1.3110
	5/18/1994		1.5000	0.0830	ND	ND	ND	0.0050	0.0610	ND	0.0320	1.6810
	8/17/1994		1.3000	0.0960	ND	ND	ND	ND	0.0480	ND	ND	1.4440
	11/21/1994		0.1700	0.1100	ND	ND	ND	ND	0.0600	ND	ND	0.3400
	2/15/1995		1.3000	0.1300	ND	ND	ND	ND	0.0590	ND	ND	1.4890
	5/17/1995		1.3000	0.1200	ND	ND	ND	ND	0.0570	ND	ND	1.4770
	8/16/1995		1.4000	0.1200	ND	ND	ND	ND	0.0660	ND	ND	1.5860
	11/17/1995		1.1000	0.0990	ND	ND	ND	ND	0.0340	ND	ND	1.2330
	2/13/1996		1.2000	0.1200	ND	ND	ND	ND	0.0530	ND	ND	1.3730
	5/14/1996		0.8500	0.0990	ND	ND	ND	ND	0.0390	ND	ND	0.9880
	8/21/1996		1.2000	0.1300	ND	ND	ND	ND	0.0590	ND	ND	1.3890
	11/22/1996		1.200	0.140	ND	ND	ND	ND	0.065	ND	ND	1.4050
	2/12/1997		0.970	0.140	ND	ND	ND	ND	ND	ND	ND	1.1100
	5/14/1997		1.100	0.150	ND	ND	ND	ND	0.049	ND	ND	1.2990
	9/9/1997		1.200	0.110	ND	ND	ND	ND	0.040	ND	ND	1.3500
	11/20/1997		1.300	0.130	ND	ND	ND	0.0200	0.060	ND	ND	1.5100
	2/19/1998		0.900	0.100	ND	ND	ND	ND	0.034	ND	ND	1.0340
	6/3/1998		0.950	0.120	ND	ND	ND	ND	0.030	ND	ND	1.1000
	6/3/1998		0.970	0.130	ND	ND	ND	ND	0.030	ND	ND	1.1300
	8/13/1998		1.240	0.0936	ND	ND	ND	ND	0.0528	ND	ND	1.3864
	12/1/1998		2.526	0.148	ND	ND	ND	0.0288	0.0984	ND	ND	2.8012
	2/24/1999		1.280	0.0824	ND	ND	ND	ND	0.0584	ND	ND	1.4208
	6/2/1999		1.230	0.0817	ND	ND	ND	0.0184	0.0562	ND	ND	1.3863
	6/2/1999		1.030	0.0741	ND	ND	ND	0.0151	0.0496	ND	ND	1.1688
	8/11/1999		1.300	0.0904	ND	ND	ND	ND	0.0528	ND	ND	1.4432
	12/9/1999		5.060	0.4500	ND	ND	ND	0.0616	ND	ND	ND	5.5716
	3/16/2000		1.140	0.1120	ND	ND	0.0142	ND	0.0326	ND	ND	1.2988
	5/11/2000		1.070	0.0819	ND	ND	ND	ND	0.0409	ND	ND	1.1928
	5/11/2000		1.020	0.0925	ND	ND	ND	ND	0.0409	ND	ND	1.1534

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
	8/30/2000		1.160	0.1230	ND	ND	ND	ND	0.0403	ND	ND	1.3233
E13	8/30/2000		1.010	0.1120	ND	ND	ND	ND	0.0336	ND	ND	1.1556
	11/30/2000		1.090	0.1630	ND	ND	ND	ND	0.0288	ND	ND	1.2818
	3/5/2001		1.093	0.1250	ND	ND	ND	ND	0.0286	ND	ND	1.2466
	3/5/2001		1.151	0.1560	ND	ND	ND	ND	0.0306	ND	ND	1.3376
	5/15/2001		1.090	0.1030	ND	ND	ND	ND	0.0297	ND	ND	1.2227
	5/15/2001		1.140	0.1030	ND	ND	ND	ND	0.0311	ND	ND	1.2782
	8/14/2001	(198)	0.940	0.0880	ND	ND	ND	ND	0.0300	ND	ND	1.0621
	8/14/2001	(199)	0.910	0.0800	ND	ND	ND	ND	0.0290	ND	ND	1.0227
	11/20/2001		0.920	0.097	ND	ND	ND	ND	0.0340	ND	ND	1.0510
	2/12/2002	(231)	0.990	0.099	ND	ND	ND	ND	0.0270	ND	ND	1.1221
	2/12/2002		0.800	0.160	ND	ND	ND	ND	0.0200	ND	ND	0.9800
	5/14/2002		1.000	0.089	ND	ND	ND	ND	0.0300	ND	ND	1.1190
	5/14/2002	(248)	1.100	0.095	ND	ND	ND	ND	0.0310	ND	ND	1.2260
	8/9/2002	(261)	0.920	0.097	ND	ND	ND	ND	0.0260	ND	ND	1.0467
	8/9/2002	(262)	0.880	0.095	ND	ND	ND	ND	0.0280	ND	ND	1.0074
	11/12/2002	(266)	1.000	0.098	ND	ND	ND	ND	0.0290	ND	ND	1.1346
	2/27/2003	(301)	1.100	0.098	ND	ND	ND	ND	0.0280	ND	ND	1.2308
	2/27/2003	(302)	1.100	0.095	ND	ND	ND	ND	0.0280	ND	ND	1.2276
	6/17/2003	(319)	0.910	0.092	ND	ND	ND	ND	0.0340	ND	ND	1.0427
	6/17/2003	(320)	0.990	0.098	ND	ND	ND	ND	0.0330	ND	ND	1.1267
	9/29/2003	(332)	1.00	0.089	ND	ND	ND	ND	0.0300	ND	ND	1.1254
	9/29/2003	(333)	1.00	0.096	ND	ND	ND	ND	0.0300	ND	ND	1.1310
	12/17/2003	(351)	0.950	0.097	ND	ND	ND	ND	0.0280	ND	ND	1.0801
	3/16/2004	(386)	0.860	0.120	ND	ND	ND	ND	0.0300	ND	ND	1.0139
	3/16/2004	(387)	0.890	0.093	ND	ND	ND	ND	0.0280	ND	ND	1.0110
	6/10/2004	(409)	0.750	0.094	ND	0.0009	ND	0.014	0.0380	0.0009	ND	0.9017
	9/20/2004	(430)	0.780	0.070	ND	ND	ND	ND	0.0270	ND	ND	0.8825
	12/6/2004	(452)	0.720	0.0850	ND	0.0008	ND	0.0110	0.0270	0.0007	ND	0.8483
	2/11/2005	(475)	0.650	0.0680	ND	ND	ND	ND	0.0220	ND	ND	0.7420
	5/10/2005	(494)	0.580	0.2100	ND	ND	ND	ND	0.0230	ND	ND	0.8229
	8/18/2005	(514)	0.640	0.0780	ND	ND	ND	ND	0.0300	ND	ND	0.7506
	11/3/2005	(532)	0.610	0.0720	ND	0.0024J	ND	ND	0.0250	ND	ND	0.7126
	3/15/2006	(555)	0.650	0.0620	ND	0.0006J	ND	0.012J	0.0290	0.0008J	ND	0.7571
	5/19/2006	(566)	0.660	0.0820	<0.0042	<0.0042	<0.0042	<0.042	0.0250	<0.0042	<0.0042	0.7701
	9/19/2006	(588)	0.580	0.0820	<0.0036	<0.0036	<0.0036	<0.036	0.0290	<0.0036	<0.0036	0.6933
	12/7/2006		0.600	0.0800	<0.0036	<0.0036	<0.0036	<0.036	0.0260	<0.0036	<0.0036	0.7060
	5/22/2007	(617)	0.510	0.0810	<0.0036	<0.0036	<0.0036	<0.036	0.0300	<0.0036	<0.0036	0.6239
	11/2/2007		0.460	0.0550	<0.0036	<0.0036	<0.0036	<0.036	0.0220	<0.0036	<0.0036	0.5370
	6/5/2008	(670)	0.560	0.0810	<0.0042	<0.0042	<0.0042	<0.042	0.0260	<0.0042	<0.0042	0.6703
	11/7/2008	(698)	0.460	0.0680	<0.0036	<0.0036	<0.0036	<0.036	0.0270	<0.0036	<0.0036	0.5574
	5/14/2009		0.560	0.0650	<0.0042	<0.0042	<0.0042	<0.042	0.0270	<0.0042	<0.0042	0.6520
	11/11/2009	(727)	0.430	0.0630	<0.0031	<0.0031	<0.0031	<0.031	0.0160	<0.0031	<0.0031	0.5118
	5/25/2010	(760)	0.640	0.077	<0.005	<0.005	<0.005	<0.050	0.018	<0.005	<0.005	0.7377
	12/14/2010	(786)	0.370	0.670	<0.005	0.0035J	<0.005	<0.050	0.009	<0.005	<0.005	1.0602
	5/17/2011	(804)	0.600	0.068	<0.0036	<0.0036	<0.0036	0.0091J	0.020	<0.0036	<0.0036	0.6999
	11/17/2011	(839)	0.0002J	0.2000	<0.0005	<0.0005	0.0004J	<0.005	0.0004J	0.1100	<0.0005	0.3228
	6/13/2012	(855)	0.520	0.0600	<0.0036	<0.0036	<0.0036	0.0095J	0.020	<0.0036	<0.0036	0.6118
	11/28/2012	(880)	0.440	0.0570	<0.0036	<0.0036	<0.0036	0.014J	0.021	<0.0036	<0.0036	0.5362
	6/5/2013	(895)	0.380	0.048	<0.0036	<0.0036	<0.0036	0.0090J	0.016	<0.0036	<0.0036	0.4555
	11/8/2013		0.350	0.056	<0.0036	<0.0036	<0.0036	0.014J	0.019	<0.0036	<0.0036	0.4390
	5/14/2014	(936)	0.360	0.065	<0.0025	<0.0025	<0.0025	0.0088 J	0.016	<0.0025	<0.0025	0.4524
	12/10/2014	(959)	0.350	0.061	<0.0025	<0.0025	<0.0025	0.008J	0.015	<0.0025	<0.0025	0.4366
	6/28/2015	(969)	0.340	0.061	<0.0025	<0.0025	<0.0025	0.0064 J	0.014	<0.0025	<0.0025	0.4232
E14	8/12/1988		0.2300	0.0650	0.0006	ND	0.0005	0.0066	ND	ND	ND	0.3027
	8/12/1988		0.2300	0.0680	ND	ND	ND	0.0970	ND	ND	ND	0.3950
	Pumping started Jan 1990											
	1/5/1990	+	0.1300	0.0550	ND	ND	ND	0.0160	ND	ND	ND	0.2010
	1/5/1990		0.1400	0.0560	ND	ND	ND	0.0160	ND	ND	ND	0.2120
	4/4/1990		0.3300	0.1100	ND	ND	ND	ND	ND	ND	ND	0.4400
	6/8/1990		0.2600	0.1200	ND	ND	ND	ND	ND	ND	ND	0.3800
	8/30/1990	(28)	0.3700	0.1300	ND	ND	ND	ND	ND	ND	ND	0.8000
	12/4/1990		0.3500	0.1200	ND	ND	ND	0.0110	ND	ND	ND	0.4810
	2/7/1991		0.4100	0.1400	ND	ND	ND	ND	ND	ND	ND	0.5500
	5/9/1991		0.3200	0.0990	ND	ND	ND	ND	ND	ND	ND	0.4190
	8/23/1991	(42)	0.3700	0.1500	ND	ND	ND	ND	ND	ND	ND	0.7300
	12/2/1991		0.2800	0.1600	ND	ND	ND	ND	ND	ND	ND	0.4400
	3/3/1992		0.3100	0.1200	ND	ND	ND	ND	ND	ND	ND	0.4300
	5/26/1992		0.3900	0.2000	ND	ND	ND	ND	ND	ND	ND	0.5900

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Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
	9/3/1992	(79)	0.4000	0.1700	ND	ND	ND	ND	ND	ND	ND	0.5700
	11/25/1992		0.4000	0.2000	ND	ND	ND	ND	ND	ND	ND	0.6000
	3/9/1993		0.3500	0.1600	ND	ND	ND	ND	ND	ND	ND	0.5100
	5/18/1993		0.3600	0.1900	ND	ND	ND	ND	ND	ND	ND	0.5500
	8/25/1993		0.4000	0.1900	ND	ND	ND	ND	ND	ND	ND	0.5900
E14	11/22/1993		0.3300	0.1800	ND	ND	ND	ND	ND	ND	ND	0.5100
	5/18/1994		0.3600	0.2000	ND	ND	ND	0.0050	ND	ND	0.0320	0.5970
	8/17/1994		0.3400	0.2000	ND	ND	ND	ND	ND	ND	ND	0.5400
	11/28/1994		0.3600	0.2300	ND	ND	ND	0.0080	ND	ND	ND	0.5980
	2/15/1995		0.3500	0.2400	ND	ND	ND	ND	ND	ND	ND	0.5900
	5/17/1995		0.3000	0.2000	ND	ND	ND	ND	ND	ND	ND	0.5000
	8/16/1995		0.3300	0.2100	ND	ND	ND	0.0059	ND	ND	ND	0.5459
	12/1/1995		0.2700	0.1800	ND	ND	ND	ND	ND	ND	ND	0.4500
	2/14/1996		0.2700	0.1900	ND	ND	ND	ND	ND	ND	ND	0.4600
	5/14/1996		0.1900	0.1600	ND	ND	ND	ND	ND	ND	ND	0.3500
	9/6/1996		0.2500	0.2000	ND	ND	ND	ND	ND	ND	ND	0.4500
	11/22/1996		0.200	0.180	ND	ND	ND	ND	ND	ND	ND	0.3800
	2/13/1997		0.230	0.210	ND	ND	ND	ND	ND	ND	ND	0.4400
	2/13/1997		0.230	0.210	ND	ND	ND	ND	ND	ND	ND	0.4400
	5/14/1997		0.250	0.220	ND	ND	ND	ND	ND	ND	ND	0.4700
	8/28/1997		0.280	0.220	ND	ND	ND	0.004	ND	ND	ND	0.5040
	11/12/1997		0.280	0.220	ND	ND	ND	0.005	ND	ND	ND	0.5050
	6/3/1998	(140)	0.220	0.190	ND	ND	ND	0.003	ND	ND	ND	0.4130
	8/13/1998		0.281	0.186	ND	ND	ND	ND	ND	ND	ND	0.4670
	12/3/1998		0.528	0.254	ND	ND	ND	ND	ND	ND	ND	0.7820
	2/24/1999		0.357	0.208	ND	ND	ND	0.0061	ND	ND	ND	0.5711
	6/3/1999		0.285	0.145	ND	ND	ND	0.0058	ND	ND	ND	0.4358
	8/11/1999		0.447	0.256	ND	ND	ND	ND	ND	ND	ND	0.7030
	12/7/1999		0.382	0.326	ND	ND	ND	ND	ND	ND	ND	0.7080
	3/16/2000		0.227	0.282	ND	ND	ND	ND	ND	ND	ND	0.5090
	5/11/2000		0.448	0.372	ND	ND	ND	ND	ND	ND	ND	0.8200
	8/30/2000		0.237	0.252	ND	ND	ND	0.0057	ND	ND	ND	0.4947
	11/30/2000		0.227	0.249	ND	ND	ND	ND	ND	ND	ND	0.4760
	3/5/2001		0.211	0.280	ND	ND	ND	ND	ND	ND	ND	0.4910
	5/15/2001		0.242	0.235	ND	ND	ND	ND	ND	ND	ND	0.4770
	8/14/2001	(186)	0.200	0.210	ND	ND	ND	ND	0.0008	0.0010	ND	0.4173
	11/26/2001	(218)	0.180	0.190	ND	0.0013	ND	0.0047	0.0013	ND	ND	0.3803
	2/12/2002	(232)	0.250	0.220	ND	0.0007	ND	ND	0.0015	0.00	ND	0.4789
	5/14/2002	(245)	0.240	0.210	ND	0.0011	ND	ND	0.0013	ND	ND	0.4551
	8/9/2002	(260)	0.190	0.210	ND	ND	ND	ND	ND	ND	ND	0.4028
	11/15/2002	(286)	0.190	0.210	ND	0.0008	ND	0.0046	0.0010	0.0012	ND	0.4101
	2/27/2003	(303)	0.250	0.210	ND	0.0011	ND	0.0056	0.0012	0.0008	ND	0.4719
	6/17/2003	(321)	0.200	0.190	ND	0.0009	ND	ND	0.0013	ND	ND	0.3959
	9/29/2003	(329)	0.210	0.210	ND	0.0008	ND	ND	0.0014	ND	ND	0.4252
	Pumping stopped December 4, 2003											
	12/17/2003	(345)	0.190	0.250	ND	ND	ND	ND	ND	0.0009	ND	0.4446
	3/17/2004	(384)	0.220	0.260	ND	0.0010	ND	ND	0.0011	0.0011	ND	0.4878
	6/10/2004	(410)	0.220	0.270	ND	ND	ND	ND	ND	ND	ND	0.4969
	9/21/2004	(431)	0.230	0.290	ND	ND	ND	ND	ND	0.0026	ND	0.5296
	12/6/2004	(453)	0.250	0.280	ND	ND	ND	ND	0.0015J	0.0016J	ND	0.5395
	2/11/2005	(476)	0.250	0.280	ND	0.0011J	ND	ND	0.0012J	0.0014J	ND	0.5379
	5/13/2005	(495)	0.180	0.190	ND	0.0011	ND	0.0072J	0.0010	0.0014	ND	0.3851
	8/19/2005	(515)	0.250	0.280	ND	ND	ND	ND	0.0012J	ND	ND	0.5361
	11/3/2005	(536)	0.240	0.240	ND	0.0009J	ND	ND	0.0014	0.0013	ND	0.4897
	3/16/2006	(556)	0.250	0.280	ND	ND	ND	ND	ND	0.0047	ND	0.5405
	5/19/2006	(565)	0.250	0.270	<0.0020	<0.0020	<0.0020	<0.020	0.0012J	0.0021	<0.0020	0.5300
	9/19/2006	(589)	0.220	0.280	<0.0013	0.0012J	<0.0013	<0.013	0.0011J	0.0013	<0.0013	0.5090
	12/8/2006	(605)	0.290	0.300	<0.0031	<0.0031	<0.0031	<0.0310	<0.0031	0.0031J	<0.0031	0.5990
	5/22/2007	(615)	0.400	0.094	<0.002	<0.002	<0.002	<0.02	0.0210	<0.002	<0.002	0.5175
	11/5/2007	(649)	0.230	0.130	<0.0013	<0.0013	<0.0013	0.0093J	0.0066	0.0007J	<0.0013	0.3790
	6/5/2008	(671)	0.220	0.260	<0.0020	<0.0020	<0.0020	<0.020	0.0016J	0.011	<0.0020	0.4996
	11/7/2008	(699)	0.230	0.210	<0.0013	0.0008J	<0.0013	<0.013	0.0026	0.003	<0.0013	0.4505
	11/7/2008	(700)	0.240	0.230	<0.0013	0.0010J	<0.0013	<0.013	0.0024	0.003	<0.0013	0.4808
	5/14/2009	(710)	0.170	0.170	0.076	<0.0010	<0.0010	<0.0010	0.0083J	0.0021	<0.0010	<0.0010
	5/14/2009	(711)	0.160	0.072	<0.0013	<0.0013	<0.0013	0.0084J	0.0021	<0.0013	<0.0013	0.2436
	11/16/2009	(745)	0.019	0.170	<0.001	<0.001	<0.001	<0.01	0.0008J	0.0680	<0.001	0.2612
	5/25/2010	(761)	0.025	0.110	<0.001	<0.001	<0.001	<0.010	<0.001	0.160	<0.001	0.2991
	12/16/2010	(787)	0.180	0.180	<0.001	0.0013	<0.001	<0.010	0.0011	0.008	<0.001	0.3748

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Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
	5/17/2011	(805)	0.600	0.069	<0.0036	<0.0036	<0.0036	0.009J	0.019	<0.0036	<0.0036	0.7002
	11/15/2011	(840)	0.250	0.18	<0.0036	<0.0036	<0.0036	0.023J	0.012	0.013	<0.0036	0.4826
	6/12/2012	(856)	0.480	0.061	<0.0042	<0.0042	<0.0042	0.0086J	0.0019	<0.0042	<0.0042	0.5544
	11/29/2012	(881)	0.180	0.200	<0.0005	0.0015	<0.0005	0.0058J	0.001	0.013	<0.0005	0.4086
	6/6/2013	(896)	0.067	0.160	<0.001	0.0006J	<0.001	<0.004	<0.001	0.021	<0.001	0.2534
	11/11/2013	(920)	0.120	0.150	<0.001	<0.001	<0.001	0.0022J	0.0006J	0.012	<0.001	0.2883
	5/14/2014	(937)	0.110	0.130	<0.001	0.0006 J	<0.001	0.0024 J	0.0005 J	0.0086	<0.001	0.2569
	12/6/2014	(960)	0.110	0.130	<0.001	<0.001	<0.001	0.0057	0.0005 J	0.0087	<0.001	0.2597
	7/22/2015	(979)	0.170	0.120	<0.001	<0.001	<0.001	<0.010	0.005	0.002	<0.001	0.2970
E15	8/15/1988		0.0017	ND	0.0012	ND	0.0004	ND	ND	ND	ND	0.0033
	8/15/1988		0.0024	0.0038	0.0011	ND	ND	ND	ND	ND	ND	0.0073
	Pumping started Jan 1990											
	1/22/1990	+	0.0039	0.0056	0.0008	ND	ND	ND	ND	ND	ND	0.0103
	4/4/1990		0.0170	0.0420	0.0010	0.0008	0.0008	0.0023	ND	ND	ND	0.0639
	6/8/1990		0.0290	0.0450	0.0009	0.0021	0.0007	0.0022	ND	ND	ND	0.0800
	8/30/1990		0.0510	0.0460	ND	ND	ND	ND	ND	ND	ND	0.0970
	12/4/1990		0.0600	0.0450	0.0033	0.0034	0.0043	0.0014	ND	ND	ND	0.1174
	2/7/1991		0.0460	0.0390	0.0030	0.0042	0.0046	0.0015	ND	ND	ND	0.0983
	5/8/1991		0.0680	0.0400	0.0032	0.0058	0.0052	0.0012	ND	ND	ND	0.1234
	8/23/1991		0.0900	0.0560	ND	0.0059	0.0060	ND	ND	ND	ND	0.1579
	12/2/1991		0.1100	0.0710	0.0027	0.0073	0.0068	0.0013	ND	ND	ND	0.1991
	3/2/1992		0.1000	0.0650	ND	ND	ND	ND	ND	ND	ND	0.1650
	5/26/1992		0.0930	0.0850	ND	ND	ND	ND	ND	ND	ND	0.1780
	9/2/1992		0.1200	0.0830	ND	0.0060	ND	ND	ND	ND	ND	0.2090
	11/25/1992		0.0960	0.0840	ND	ND	ND	ND	ND	ND	ND	0.1800
	3/4/1993		0.0930	0.0830	ND	ND	ND	ND	ND	ND	ND	0.1760
	5/18/1993		0.0860	0.0610	ND	ND	ND	ND	ND	ND	ND	0.1470
	8/25/1993		0.1200	0.0790	ND	ND	ND	ND	ND	ND	ND	0.1990
	11/22/1993		0.0840	0.0640	ND	ND	ND	ND	ND	ND	ND	0.1480
	2/15/1994		0.0850	0.0680	ND	ND	ND	ND	ND	ND	ND	0.1530
	5/18/1994		0.0870	0.0620	ND	ND	ND	ND	ND	ND	ND	0.1490
	8/17/1994		0.0870	0.0570	ND	ND	ND	ND	ND	ND	ND	0.1440
	11/28/1994		0.1000	0.0650	ND	ND	ND	ND	ND	ND	ND	0.1650
	2/14/1995		0.0860	0.0550	ND	ND	ND	ND	ND	ND	ND	0.1410
	2/14/1995		0.0850	0.0530	ND	ND	ND	ND	ND	ND	0.0026	0.1406
	5/17/1995		0.0930	0.0520	ND	ND	ND	ND	ND	ND	0.0029	0.1479
	8/15/1995		0.0780	0.0450	ND	0.0022	0.0017	0.0011	ND	ND	0.0013	0.1293
	12/1/1995		0.1300	0.0630	ND	ND	ND	ND	ND	ND	ND	0.1930
	2/14/1996		0.0920	0.0460	ND	ND	ND	ND	ND	ND	ND	0.1380
	5/14/1996		0.0750	0.0420	ND	0.0019	0.0013	0.0014	ND	ND	ND	0.1216
	8/21/1996		0.0870	0.0490	ND	ND	ND	ND	ND	ND	ND	0.1360
	11/22/1996		0.096	0.053	ND	ND	ND	ND	ND	ND	ND	0.1490
	2/12/1997		0.072	0.041	ND	ND	ND	ND	ND	ND	ND	0.1130
	5/14/1997		0.097	0.051	ND	ND	ND	ND	ND	ND	ND	0.1480
	8/28/1997		0.110	0.049	ND	0.0019	0.0014	0.0012	ND	ND	0.0015	0.1650
	11/12/1997		0.091	0.043	ND	ND	ND	NA	ND	ND	ND	0.1340
	2/19/1998		0.083	0.036	ND	ND	ND	ND	ND	ND	ND	0.1190
	6/3/1998	(136)	0.100	0.053	ND	0.0017	0.0011	0.0011	ND	ND	ND	0.1576
	8/13/1998		0.102	0.0448	ND	0.0014	0.0010	0.0011	ND	ND	ND	0.1503
	12/3/1998		0.094	0.0289	ND	0.00131	0.00073	0.00114	ND	ND	ND	0.1261
	2/24/1999		0.103	0.0370	ND	ND	ND	ND	ND	ND	ND	0.1400
	6/2/1999		0.083	0.0246	ND	ND	ND	ND	ND	ND	ND	0.1077
	8/11/1999		0.0855	0.0274	ND	ND	ND	ND	ND	ND	ND	0.1129
	12/7/1999		0.0750	0.0367	ND	0.0013	ND	ND	ND	ND	ND	0.1130
	3/16/2000		0.0693	0.0449	ND	ND	ND	ND	ND	ND	ND	0.1142
	5/11/2000		0.0693	0.0379	ND	ND	ND	ND	ND	ND	ND	0.1072
	8/30/2000		0.0721	0.0412	ND	ND	ND	ND	ND	ND	ND	0.1133
	11/30/2000		0.0709	0.0523	ND	ND	ND	0.0013	ND	ND	ND	0.1245
	3/5/2001		0.0585	0.0434	ND	ND	ND	ND	ND	ND	ND	0.1019
	5/15/2001		0.0713	0.0325	ND	ND	ND	ND	ND	ND	ND	0.1038
	8/14/2001		0.0750	0.0370	ND	0.0010	0.0007	ND	ND	0.0005	ND	0.1142
	11/26/2001	(219)	0.0680	0.0360	ND	0.0012	0.0005	0.0007	ND	ND	ND	0.1069
	5/14/2002		0.0830	0.0360	ND	0.0011	0.0006	ND	ND	ND	ND	0.1207
	8/9/2002		0.0710	0.0400	ND	0.0009	0.0007	ND	ND	ND	ND	0.1126
	11/15/2002	(279)	0.0920	0.0350	ND	0.0006	0.0005	ND	ND	ND	ND	0.1281
	2/27/2003	(304)	0.0890	0.0390	ND	0.0008	0.0007	ND	ND	ND	ND	0.1295
	6/17/2003	(322)	0.0720	0.0390	ND	0.0010	0.0007	ND	ND	ND	ND	0.1127
	9/30/2003	(338)	0.056	0.040	0.0006	ND	0.0007	ND	ND	ND	ND	0.0973

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
	Pumping stopped December 4, 2003											
	12/17/2003	(374)	0.072	0.056	ND	0.0007	0.0008	ND	ND	ND	ND	0.1295
	3/30/2004	(394)	0.059	0.049	ND	0.0006	0.0007	ND	ND	ND	ND	0.1093
	6/23/2004	(398)	0.058	0.042	ND	0.0006	0.0006	ND	ND	ND	ND	0.1093
	9/21/2004	(432)	0.059	0.060	ND	ND	0.0007	ND	ND	ND	ND	0.1093
	9/21/2004	(432)	0.059	0.060	ND	ND	0.0007	ND	ND	ND	ND	0.1093
	12/1/2004	(454)	0.068	0.059	ND	0.0007	0.0007	ND	ND	0.0004J	ND	0.1293
	2/9/2005	(479)	0.048	0.042	ND	0.0004J	0.0006	ND	ND	0.0009	ND	0.0922
	5/11/2005	(496)	0.045	0.047	ND	0.0004J	0.0006	ND	ND	0.0007	ND	0.0940
	8/18/2005	(516)	0.056	0.053	ND	0.0005J	0.0007	ND	ND	0.0004J	ND	0.1110
	11/4/2005	(520)	0.051	0.056	ND	0.0006	0.0008	ND	ND	ND	ND	0.1089
E15	3/15/2006	(557)	0.038	0.054	ND	0.0005J	0.0005J	ND	ND	0.0006	ND	0.0940
	5/18/2006	(573)	0.027	0.061	<0.0005	0.0004J	0.0006	<0.0050	<0.0005	0.0068	<0.0005	0.0963
	9/20/2006	(590)	0.035	0.056	<0.0005	0.0005J	0.0005	<0.0050	<0.0005	0.0033	<0.0005	0.0957
	12/5/2006	(613)	0.045	0.058	<0.0005	0.0005	0.0006	<0.0050	<0.0005	0.0022	<0.0005	0.1068
	5/22/2007	(614)	0.037	0.066	<0.0005	0.0004J	0.0007	<0.0050	<0.0005	0.0055	<0.0005	0.1100
	11/5/2007	(650)	0.030	0.053	<0.0005	0.0004J	0.0005J	<0.0050	<0.0005	0.0085	<0.0005	0.0927
	6/4/2008	(662)	0.034	0.062	<0.0005	0.0006	0.0006	<0.0050	<0.0005	0.0037	<0.0005	0.1015
	11/5/2008	(701)	0.031	0.053	<0.0005	0.0005J	0.0005	<0.0050	<0.0005	0.0029	<0.0005	0.0883
	5/12/2009	(705)	0.021	0.040	<0.0005	<0.0005	0.0004J	<0.0050	<0.0005	0.0037	<0.0005	0.0654
	11/16/2009	(746)	0.028	0.039	<0.0005	<0.0005	0.0005J	<0.005	<0.0005	0.0110	<0.0005	0.0788
	5/27/2010	(762)	0.035	0.041	<0.0005	<0.0005	0.0004J	<0.005	<0.0005	0.0027	<0.0005	0.0794
	12/17/2010	(788)	0.026	0.038	<0.0005	0.0005	0.0004J	<0.005	<0.0005	0.0076	<0.0005	0.0728
	5/18/2011	(806)	0.032	0.039	<0.0005	<0.0005	0.0004J	<0.002	<0.0005	0.0016	<0.0005	0.0740
	11/18/2011	(841)	0.0025	0.028	<0.0005	<0.0005	0.0004J	<0.005	<0.0005	0.0290	<0.0005	0.0606
	6/13/2012	(857)	0.029	0.031	<0.0005	<0.0005	0.0003J	<0.005	<0.0005	0.0013	<0.0005	0.0619
	11/30/2012	(882)	0.0085	0.036	<0.0005	<0.0005	0.0004J	<0.002	<0.0005	0.0160	<0.0005	0.0615
	6/7/2013	(897)	0.026	0.032	<0.0005	0.0003J	0.0004J	<0.002	<0.0005	0.0021	<0.0005	0.0612
	11/7/2013	(921)	0.0054	0.018	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	0.0023	<0.0005	0.0262
	5/15/2014	(938)	0.023	0.023	<0.0005	<0.0005	0.0003 J	<0.002	<0.0005	0.0008	<0.0005	0.0476
	12/5/2014	(961)	0.012	0.012	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	0.0018	<0.0005	0.0265
	7/1/2015	(973)	0.0013	0.0029	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	0.0016	<0.0005	0.0065
E16	8/17/1988	(f)	0.1200	0.0017	0.0046	0.0031	0.0028	0.0009	ND	ND	0.0012	0.1369
	8/17/1988		0.0940	0.0240	0.0036	ND	ND	0.0049	ND	ND	ND	0.1265
	Pumping started Jan 1990											
	1/22/1990	+	0.0810	0.0160	0.0027	0.0023	0.0015	0.0025	ND	ND	0.0006	0.1066
	4/4/1990		0.0560	0.0160	0.0022	0.0023	0.0019	0.0024	ND	ND	<0.00335	0.0808
	6/8/1990		0.0600	0.0120	0.0012	0.0032	0.0012	0.0025	ND	ND	ND	0.0801
	8/30/1990		0.0510	0.0150	0.0016	0.0016	0.0012	0.0020	ND	ND	0.0006	0.0660
	12/4/1990		0.0850	0.0180	0.0026	0.0012	0.0013	0.0018	ND	ND	ND	0.1099
	2/7/1991		0.0670	0.0120	0.0012	0.0013	0.0011	0.0015	ND	ND	ND	0.0841
	5/8/1991	(36)	0.0610	0.0160	0.0007	0.0094	0.0007	ND	ND	ND	ND	0.0878
	8/23/1991	(45)	0.0560	ND	ND	ND	ND	ND	ND	ND	ND	0.0583
	12/2/1991		0.0880	0.0170	0.0007	0.0010	0.0011	0.0014	ND	ND	0.0005	0.1097
	3/2/1992		0.0700	ND	ND	ND	ND	ND	ND	ND	ND	0.0700
	5/26/1992		0.0740	0.0100	ND	ND	ND	ND	ND	ND	ND	0.0840
	9/2/1992		0.0970	0.0120	ND	ND	ND	ND	ND	ND	ND	0.1090
	11/25/1992		0.1300	0.0200	ND	ND	ND	ND	ND	ND	ND	0.1500
	3/4/1993		0.0910	0.0190	ND	ND	ND	ND	ND	ND	ND	0.1100
	6/30/1993		0.1100	0.0130	ND	ND	ND	ND	ND	ND	ND	0.1230
	8/24/1993		0.0880	0.0150	ND	ND	ND	ND	ND	ND	ND	0.1030
	11/22/1993		0.1100	0.0180	ND	ND	ND	ND	ND	ND	ND	0.1280
	2/15/1994		0.0380	0.0073	ND	ND	ND	ND	ND	ND	ND	0.0453
	5/18/1994		0.0970	0.0150	ND	ND	ND	ND	ND	ND	ND	0.1120
	8/17/1994		0.0910	0.0120	ND	ND	ND	ND	ND	ND	ND	0.1030
	11/28/1994		0.0970	0.0120	ND	ND	ND	ND	ND	ND	ND	0.1090
	11/28/1994		0.0980	0.0120	ND	ND	ND	ND	ND	ND	ND	0.1100
	2/14/1995		0.0770	0.0120	ND	ND	ND	ND	ND	ND	ND	0.0890
	5/17/1995		0.0840	0.0120	ND	ND	ND	ND	ND	ND	ND	0.0960
	8/16/1995		0.0920	0.0110	ND	ND	ND	ND	ND	ND	ND	0.1030
	12/1/1995		0.1100	0.0120	ND	ND	ND	ND	ND	ND	ND	0.1220
	2/14/1996		0.0800	0.0085	ND	ND	ND	ND	ND	ND	ND	0.0885
	5/14/1996		0.0550	0.0062	ND	ND	ND	ND	ND	ND	ND	0.0612
	8/21/1996		0.0900	0.0096	ND	ND	ND	ND	ND	ND	ND	0.0996
	11/22/1996		0.100	0.010	ND	ND	ND	ND	ND	ND	ND	0.1100
	2/12/1997		0.069	0.0080	ND	ND	ND	ND	ND	ND	ND	0.0770

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
	5/14/1997		0.092	0.0091	ND	ND	ND	ND	ND	ND	ND	0.1011
E-16	8/28/1997		0.110	0.0095	ND	ND	ND	0.0010	ND	ND	0.0009	0.1214
	11/12/1997		0.093	0.0080	ND	ND	ND	NA	ND	ND	ND	0.1010
	2/18/1998		0.075	0.006	ND	ND	ND	ND	ND	ND	ND	0.0810
	6/3/1998		0.092	0.0081	ND	0.0006	ND	0.001	ND	ND	ND	0.1017
	8/13/1998		0.0923	0.0053	ND	ND	ND	0.0008	ND	ND	ND	0.0984
	8/13/1998		0.105	0.0049	ND	ND	ND	0.0008	ND	ND	ND	0.1107
	12/3/1998		0.103	0.00446	ND	ND	0.0005	0.00102	0.00053	ND	ND	0.1095
	3/1/1999		0.0978	0.0635	ND	ND	ND	ND	ND	ND	ND	0.1613
	6/2/1999		0.1030	0.0051	ND	ND	ND	ND	ND	ND	ND	0.1081
	8/11/1999		0.0950	0.0050	ND	ND	ND	ND	ND	ND	ND	0.1000
	12/7/1999	(158)	0.0771	0.0065	ND	0.0005	ND	ND	ND	ND	0.0009	0.0856
	3/16/2000		0.1380	0.0984	ND	ND	ND	ND	ND	ND	ND	0.2364
	5/11/2000		0.0833	ND	ND	ND	ND	ND	ND	ND	ND	0.0833
	11/30/2000		0.0726	0.0085	ND	ND	ND	ND	ND	ND	ND	0.0811
	3/5/2001		ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
	5/15/2001		0.0702	0.0625	ND	ND	ND	ND	ND	ND	ND	0.1327
	8/14/2001	(201)	0.0740	0.0064	ND	ND	ND	ND	ND	ND	ND	0.0810
E16	11/26/2001		0.0670	0.0064	ND	ND	ND	0.0006	ND	ND	ND	0.0740
	2/12/2002		0.0840	0.0070	ND	ND	0.0005	ND	ND	ND	ND	0.0915
	5/14/2002	(246)	0.0860	0.0066	ND	0.0005	ND	ND	ND	ND	ND	0.0937
	8/9/2002		0.0770	0.0073	ND	0.0006	ND	ND	ND	ND	ND	0.0849
	11/15/2002	(281)	0.0820	0.0064	ND	ND	ND	ND	ND	0.0006	ND	0.0890
	2/27/2003	(305)	0.0940	0.0074	ND	ND	ND	ND	ND	ND	ND	0.1019
	6/17/2003	(323)	0.0810	0.0075	ND	0.0005	ND	ND	ND	ND	ND	0.0895
	9/29/2003	(326)	0.0860	0.0079	ND	ND	ND	ND	0.0006	ND	ND	0.0950
	Pumping stopped December 4, 2003											
	12/19/2003	(363)	0.0940	0.0170	ND	ND	ND	ND	ND	ND	ND	0.1116
	3/17/2004	(375)	0.0450	0.0046	ND	ND	ND	ND	ND	ND	ND	0.0496
	6/10/2004	(411)	0.0720	0.0084	ND	ND	ND	ND	ND	ND	ND	0.0804
	9/15/2004	(433)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
	11/30/2004	(433)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
	12/1/2004	(455)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
	2/9/2005	(480)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
	5/11/2005	(497)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
	8/19/2005	(517)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
	11/1/2005	(541)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
	Well Abandoned December 6, 2005											
E17	8/17/1988	(g)	0.0960	0.0011	0.0030	0.0025	0.0025	0.0014	ND	ND	0.0008	0.1095
	8/17/1988		0.0800	0.0160	0.0020	ND	ND	0.0100	ND	ND	ND	0.1080
	Pumping started Jan 1990											
	1/22/1990	+	0.0590	0.0094	0.0015	0.0017	0.0014	0.0033	ND	ND	ND	0.0763
	4/4/1990		0.0500	0.0083	0.0009	0.0012	0.0010	0.0018	ND	ND	ND	0.0632
	6/8/1990		0.0490	0.0078	0.0008	0.0064	0.0008	0.0025	ND	ND	ND	0.0672
	8/30/1990		0.0450	0.0095	0.0086	0.0007	0.0007	0.0030	ND	ND	0.0006	0.0681
	12/4/1990		0.0630	0.0150	0.0006	ND	0.0008	0.0025	ND	ND	ND	0.0819
	2/7/1991		0.0480	0.0100	0.0007	0.0006	0.0008	0.0025	ND	ND	ND	0.0625
	5/8/1991	(37)	0.0350	0.0130	ND	ND	ND	0.0014	ND	ND	ND	0.0494
	8/23/1991		0.0480	ND	ND	ND	ND	ND	ND	ND	ND	0.0480
	12/2/1991		0.0500	0.0140	ND	ND	0.0008	0.0021	0.0005	ND	ND	0.0674
	3/2/1992		0.0370	0.0120	ND	ND	ND	ND	ND	ND	ND	0.0490
	5/26/1992		0.0410	0.0170	ND	ND	ND	0.0014	ND	ND	ND	0.0594
	9/2/1992		0.0440	0.0110	ND	ND	ND	ND	ND	ND	ND	0.0550
	11/25/1992		0.0450	0.0120	ND	ND	ND	ND	ND	ND	ND	0.0570
	3/4/1993		0.0400	0.0098	ND	ND	ND	ND	ND	ND	ND	0.0498
	5/18/1993		0.0410	0.0083	ND	ND	ND	ND	ND	ND	ND	0.0493
	8/24/1993		0.0570	0.0100	ND	ND	ND	ND	ND	ND	ND	0.0670
	11/22/1993		0.0450	0.0091	ND	ND	ND	0.0010	ND	ND	ND	0.0551
	2/15/1994		0.0390	0.0075	ND	ND	ND	ND	ND	ND	ND	0.0465
	5/18/1994		0.0430	0.0073	ND	ND	ND	0.0012	ND	ND	ND	0.0515
	8/17/1994		0.0370	0.0070	ND	ND	ND	ND	ND	ND	ND	0.0440
	11/28/1994		0.0410	0.0080	ND	ND	ND	ND	ND	ND	ND	0.0490
	2/14/1995		0.0320	0.0088	ND	ND	ND	0.0012	ND	ND	ND	0.0420

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
	5/17/1995		0.0310	0.0082	ND	ND	ND	0.0013	ND	ND	0.0006	0.0411
	8/16/1995		0.0370	0.0095	ND	ND	0.00052	0.0014	0.0005	ND	ND	0.0490
	12/1/1995		0.0480	0.0100	ND	ND	ND	ND	ND	ND	ND	0.0580
	2/14/1996		0.0330	0.0086	ND	ND	ND	0.0012	ND	ND	ND	0.0428
	5/14/1996		0.0250	0.0070	ND	ND	ND	0.00097	ND	ND	ND	0.0330
	8/21/1996		0.0310	0.0089	ND	ND	ND	0.00098	ND	ND	ND	0.0409
	11/22/1996		0.032	0.0094	ND	ND	ND	0.00095	ND	ND	ND	0.0424
	2/12/1997		0.025	0.0073	ND	ND	ND	0.00083	ND	ND	ND	0.0331
	2/12/1997		0.025	0.0072	ND	ND	ND	0.00081	ND	ND	ND	0.0330
	Well abandoned September 25, 2000											
E18	6/7/1995		0.080	0.092	ND	ND	ND	ND	ND	ND	ND	0.0800
	Pumping started June 12, 1995											
	6/29/1995		0.1100	0.1200	ND	ND	ND	ND	ND	ND	ND	0.2300
	8/16/1995		0.1000	0.0980	ND	ND	ND	ND	ND	ND	ND	0.1980
	12/1/1995		0.1100	0.0940	ND	ND	ND	ND	ND	ND	ND	0.2040
	2/14/1996		0.1100	0.0750	ND	ND	ND	ND	ND	ND	ND	0.1850
	5/14/1996		0.0970	0.0590	ND	ND	ND	ND	ND	ND	ND	0.1560
	8/21/1996		0.1300	0.0680	ND	ND	ND	ND	ND	ND	ND	0.1980
E18	8/21/1996		0.1300	0.0680	ND	ND	ND	ND	ND	ND	ND	0.1980
	12/2/1996		0.092	0.0044	ND	ND	ND	ND	ND	ND	ND	0.0964
	2/12/1997		0.084	0.045	ND	ND	ND	ND	ND	ND	ND	0.1290
	5/14/1997		0.130	0.070	ND	ND	ND	ND	ND	ND	ND	0.2000
	8/28/1997		0.077	0.047	ND	ND	ND	ND	ND	ND	ND	0.1240
	11/12/1997		0.120	0.060	ND	ND	ND	ND	ND	ND	ND	0.1800
	2/18/1998	(133)	0.095	0.051	ND	ND	ND	ND	ND	ND	ND	0.1473
	6/3/1998	(137)	0.090	0.051	ND	ND	ND	ND	ND	ND	ND	0.1433
	8/13/1998	(142)	0.145	0.0629	ND	ND	ND	ND	ND	ND	ND	0.2099
	12/2/1998	(147)	0.108	0.0325	ND	ND	ND	ND	ND	ND	ND	0.1435
	2/24/1999		0.0891	0.0325	ND	ND	ND	ND	ND	ND	ND	0.1216
	6/2/1999		0.0799	0.0246	ND	ND	ND	ND	ND	ND	ND	0.1045
	8/11/1999	(155)	0.0956	0.0327	ND	ND	ND	ND	ND	ND	ND	0.1322
	12/7/1999	(159)	0.0977	0.0472	ND	ND	ND	ND	ND	ND	ND	0.1501
	3/16/2000	(165)	0.0764	0.0522	ND	ND	ND	ND	ND	ND	ND	0.1347
	5/11/2000	(170)	0.0770	0.0447	ND	ND	ND	ND	ND	ND	ND	0.1273
	8/30/2000	(171)	0.0879	0.0531	ND	ND	ND	ND	ND	ND	ND	0.1475
	11/30/2000	(177)	0.0727	0.0624	ND	ND	ND	ND	ND	ND	ND	0.1415
	3/5/2001	(181)	0.0592	0.0559	ND	ND	ND	ND	ND	ND	ND	0.1184
	5/15/2001	(183)	0.0636	0.0388	ND	ND	ND	ND	ND	ND	ND	0.1087
	8/14/2001	(195)	0.0740	0.0480	ND	ND	ND	ND	ND	ND	ND	0.1290
	11/26/2001	(220)	0.0790	0.0510	ND	ND	ND	ND	ND	ND	ND	0.1366
	2/12/2002	(233)	0.0790	0.0470	ND	ND	ND	ND	ND	ND	ND	0.1325
	5/14/2002	(247)	0.0750	0.0430	ND	ND	ND	ND	ND	ND	ND	0.1247
	8/9/2002	(249)	0.0680	0.0480	ND	ND	ND	ND	ND	ND	ND	0.1169
	11/15/2002	(277)	0.0620	0.0460	ND	ND	ND	ND	ND	ND	ND	0.1154
	2/27/2003	(306)	0.0780	0.0450	ND	ND	ND	ND	ND	ND	ND	0.1317
	6/17/2003	(324)	0.0610	0.0460	ND	ND	ND	ND	ND	ND	ND	0.1166
	9/29/2003	(328)	0.0660	0.0490	ND	ND	ND	ND	ND	ND	ND	0.1250
	Pumping stopped December 4, 2003											
	12/19/2003	(364)	0.034	0.029	ND	ND	ND	ND	ND	ND	ND	0.0690
	3/16/2004	(388)	0.037	0.039	ND	ND	ND	ND	ND	ND	ND	0.0804
	6/10/2004	(412)	0.024	0.046	ND	ND	ND	ND	ND	ND	ND	0.0753
	9/22/2004	(434)	0.027	0.044	ND	ND	ND	ND	ND	ND	ND	0.0716
	12/6/2004	(456)	0.037	0.043	ND	ND	ND	ND	ND	0.0003J	ND	0.0890
	2/11/2005	(477)	0.023	0.037	ND	ND	ND	ND	ND	ND	ND	0.0669
	5/13/2005	(498)	0.029	0.033	ND	ND	ND	ND	ND	ND	ND	0.0692
	8/19/2005	(518)	0.029	0.042	ND	ND	0.0003J	ND	ND	ND	ND	0.0761
	11/3/2005	(534)	0.029	0.037	ND	ND	ND	ND	ND	ND	ND	0.0703
	11/3/2005	(537)	0.029	0.039	ND	ND	ND	ND	ND	ND	ND	0.0724
	3/16/2006	(558)	0.030	0.036	ND	ND	ND	ND	ND	ND	ND	0.0707
	5/19/2006	(567)	0.031	0.037	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	0.0723
	9/19/2006	(591)	0.035	0.041	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	0.0804
	12/8/2006	(603)	0.039	0.047	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	0.0907
	5/22/2007	(619)	0.033	0.040	<0.0005	<0.0005	0.0003J	<0.0050	<0.0005	<0.0005	<0.005	0.0774
	11/2/2007	(651)	0.040	0.042	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	0.0003J	<0.0005	0.0868

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
	6/5/2008	(672)	0.032	0.045	<0.0005	<0.0005	0.0003J	<0.0050	<0.0005	<0.0005	<0.0005	0.0829
	6/5/2008	(673)	0.032	0.046	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	0.0834
	11/10/2008	(702)	0.037	0.046	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	0.0891
	5/14/2009	(709)	0.038	0.036	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	0.0789
	11/11/2009	(725)	0.040	0.047	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	0.0936
	5/25/2010	(763)	0.034	0.039	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	0.0779
	12/16/2010	(789)	0.037	0.032	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	0.0003J	<0.0005	0.0743
	5/18/2011	(807)	0.028	0.037	<0.0005	<0.0005	<0.0005	0.0011J	<0.0005	<0.0005	<0.0005	0.07110
	11/15/2011	(842)	0.028	0.037	<0.0005	0.0003J	<0.0005	0.0032J	<0.0005	<0.0003J	<0.0005	0.07420
	6/12/2012	(858)	0.031	0.031	<0.0005	<0.0005	<0.0005	0.0013J	<0.0005	<0.0005	<0.0005	0.06700
	11/28/2012	(883)	0.033	0.037	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	0.0003J	<0.0005	0.07610
	6/6/2013	(898)	0.023	0.031	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	0.05910
	11/11/2013	(922)	0.029	0.036	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	0.0005	<0.0005	0.07020
	5/14/2014	(939)	0.025	0.035	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	0.0655
	12/6/2014	(962)	0.028	0.039	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	0.0004 J	<0.0005	0.0739
	6/28/2015	(970)	0.0081	0.0088	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0450	0.1940
E19	6/7/1995		0.120	0.042	ND	ND	ND	0.0031	ND	ND	ND	0.1200
	Pumping started June 12, 1995											
	6/29/1995		0.1400	0.0630	ND	ND	ND	0.0050	ND	ND	ND	0.2080
	8/16/1995		0.1100	0.0480	ND	ND	ND	0.0042	ND	ND	ND	0.1622
	12/1/1995		0.1100	0.0420	ND	ND	ND	0.0032	ND	ND	ND	0.1552
	2/14/1996		0.0990	0.0430	ND	ND	ND	ND	ND	ND	ND	0.1420
	5/14/1996		0.0890	0.0390	ND	ND	ND	ND	ND	ND	ND	0.1280
	8/21/1996		0.1100	0.0470	ND	ND	ND	ND	ND	ND	ND	0.1570
E19	12/2/1996		0.089	0.037	ND	ND	ND	ND	ND	ND	ND	0.1260
	2/12/1997		0.084	0.038	ND	ND	ND	0.0030	ND	ND	ND	0.1250
	5/14/1997		0.120	0.052	ND	ND	ND	0.0032	ND	ND	ND	0.1752
	8/28/1997		0.072	0.035	ND	ND	ND	ND	ND	ND	ND	0.1070
	11/12/1997		0.100	0.045	ND	ND	ND	0.0030	ND	ND	ND	0.1480
	2/18/1998		0.110	0.044	ND	ND	ND	0.0028	ND	ND	ND	0.1568
	6/3/1998		0.110	0.045	ND	ND	ND	0.0032	ND	ND	ND	0.1582
	8/13/1998		0.112	0.0403	ND	ND	ND	0.00294	ND	ND	ND	0.1552
	12/2/1998		0.109	0.0266	ND	ND	ND	0.00337	ND	ND	ND	0.1390
	2/24/1999		0.118	0.0343	ND	ND	ND	0.00410	ND	ND	ND	0.1564
	6/2/1999		0.105	0.0264	ND	ND	ND	ND	ND	ND	ND	0.1314
	8/11/1999		0.107	0.0296	ND	ND	ND	0.00385	ND	ND	ND	0.1405
	12/7/1999		0.099	0.0357	ND	ND	ND	ND	ND	ND	ND	0.1342
	12/7/1999		0.093	0.0347	ND	ND	ND	ND	ND	ND	ND	0.1277
	3/16/2000		0.085	0.0412	ND	ND	ND	0.00325	ND	ND	ND	0.1292
	5/11/2000		0.084	0.0346	ND	ND	ND	0.00292	ND	ND	ND	0.1210
	8/30/2000		0.086	0.0406	ND	ND	ND	0.00303	ND	ND	ND	0.1292
	11/30/2000		0.0862	0.0545	ND	ND	ND	0.0029	ND	ND	ND	0.1436
	3/5/2001		0.085	0.048	ND	ND	ND	0.003	ND	ND	ND	0.1352
	5/15/2001		0.082	0.035	ND	ND	ND	0.003	ND	ND	ND	0.1197
	8/14/2001		0.087	0.038	ND	ND	ND	ND	ND	ND	ND	0.1250
	11/26/2001		0.0940	0.0430	ND	ND	ND	ND	ND	ND	ND	0.1370
	2/12/2002		0.1100	0.0410	ND	ND	ND	ND	ND	ND	ND	0.1510
	5/14/2002		0.1000	0.0380	ND	ND	ND	ND	ND	ND	ND	0.1380
	8/9/2002		0.0860	0.0410	ND	ND	ND	ND	ND	ND	ND	0.1270
	11/15/2002	(277)	0.0780	0.0360	ND	ND	ND	ND	ND	ND	ND	0.1140
	2/27/2003	(307)	0.1100	0.0460	ND	ND	ND	ND	ND	ND	ND	0.1560
	6/17/2003	(325)	0.0890	0.0420	ND	ND	ND	ND	ND	ND	ND	0.1315
	9/29/2003	(327)	0.0970	0.0400	ND	ND	ND	ND	ND	ND	ND	0.1370
	Pumping stopped December 4, 2003											
	12/19/2003	(365)	0.056	0.034	ND	ND	ND	ND	ND	ND	ND	0.0900
	3/16/2004	(389)	0.073	0.030	ND	ND	ND	ND	ND	ND	ND	0.1030
	6/10/2004	(413)	0.069	0.029	ND	ND	ND	ND	ND	ND	ND	0.0980
	6/10/2004	(414)	0.070	0.029	ND	ND	ND	ND	ND	ND	ND	0.0990
	9/22/2004	(435)	0.067	0.034	ND	ND	ND	ND	ND	ND	ND	0.1049
	12/6/2004	(457)	0.070	0.037	ND	ND	ND	0.0039J	ND	ND	ND	0.1112
	2/11/2005	(478)	0.060	0.027	ND	ND	ND	0.0042J	ND	ND	ND	0.0915
	5/13/2005	(499)	0.068	0.027	ND	ND	ND	0.0044J	ND	ND	ND	0.0997
	8/19/2005		0.077	0.032	ND	ND	ND	0.0040J	ND	ND	ND	0.1130
	11/3/2005		0.071	0.028	ND	ND	ND	0.0032J	ND	ND	ND	0.1022
	3/16/2006		0.060	0.027	ND	ND	ND	0.0035J	ND	ND	ND	0.0905
	5/19/2006		0.067	0.030	<0.0005	<0.0005	<0.0005	0.0040J	<0.0005	<0.0005	<0.0005	0.1010

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
	9/19/2006		0.076	0.032	<0.0005	<0.0005	<0.0005	0.0044J	<0.0005	<0.0005	<0.0005	0.1124
	12/8/2006		0.088	0.034	<0.0005	<0.0005	<0.0005	0.0046J	<0.0005	<0.0005	<0.0005	0.1266
	5/22/2007		0.065	0.026	<0.0005	<0.0005	<0.0005	0.0041J	<0.0005	<0.0005	<0.0005	0.0951
	11/2/2007	(652)	0.076	0.029	<0.0005	<0.0005	<0.0005	0.0034J	<0.0005	<0.0005	<0.0005	0.1087
	6/5/2008	(674)	0.067	0.029	<0.0005	<0.0005	<0.0005	0.0041J	<0.0005	<0.0005	<0.0005	0.1004
	11/10/2008		0.075	0.026	<0.0005	<0.0005	<0.0005	0.0032J	<0.0005	<0.0005	<0.0005	0.1042
	5/14/2009		0.066	0.018	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	0.0840
	11/11/2009	(720)	0.060	0.020	<0.0005	<0.0005	<0.0005	0.0029J	<0.0005	<0.0005	<0.0005	0.0832
	5/25/2010		0.060	0.014	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	0.074
	5/25/2010		0.062	0.013	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	0.075
	12/16/2010	(790)	0.065	0.011	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	0.0763
	5/18/2011		0.049	0.012	<0.0005	<0.0005	<0.0005	0.0017J	<0.0005	<0.0005	<0.0005	0.0627
	11/15/2011		0.056	0.011	<0.0005	<0.0005	<0.0005	0.0040J	<0.0005	<0.0005	<0.0005	0.0710
	6/12/2012		0.052	0.0093	<0.0005	<0.0005	<0.0005	0.0014J	<0.0005	<0.0005	<0.0005	0.0627
	11/28/2012		0.060	0.0093	<0.0005	<0.0005	<0.0005	0.0013J	<0.0005	<0.0005	<0.0005	0.0706
	6/6/2013		0.057	0.0064	<0.0005	<0.0005	<0.0005	0.0012J	<0.0005	<0.0005	<0.0005	0.0646
	11/11/2013		0.054	0.0054	<0.0005	<0.0005	<0.0005	0.0015J	<0.0005	<0.0005	<0.0005	0.0609
	5/14/2014		0.053	0.0075	<0.0005	<0.0005	<0.0005	0.0014 J	<0.0005	<0.0005	<0.0005	0.0619
	12/6/2014		0.053	0.0074	<0.0005	<0.0005	<0.0005	0.0011 J	<0.0005	<0.0005	<0.0005	0.0615
	6/28/2015	(971)	0.039	0.006	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	0.0455
VW-2	10/31/1986		0.0030	ND	ND	ND	ND	ND	ND	ND	ND	0.0030
	11/5/1986		0.0020	ND	ND	ND	ND	ND	ND	ND	ND	0.0020
	11/24/1986		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/16/1987		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/24/1987		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/16/1987		0.0031	ND	ND	ND	ND	ND	ND	ND	ND	0.0031
	6/15/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/21/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/16/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VW-2	9/19/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/30/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/22/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/31/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/15/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/25/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/24/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/24/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/19/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/22/1994		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/17/1995		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/14/1996		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/18/1997		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/30/1998		0.00095	ND	ND	ND	ND	ND	ND	ND	ND	0.0010
	12/10/1999		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/5/2000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/20/2001		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/15/2002		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VW-3	10/22/1986		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/31/1986		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/5/1986		0.0013	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/24/1986		0.0011	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/16/1987		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/24/1987		0.0020	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/16/1987		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/15/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/21/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/16/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/19/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/22/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/22/1990		0.0042	ND	ND	ND	ND	ND	0.0009	ND	ND	ND
	2/5/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/14/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/25/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/20/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/24/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/20/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/21/1994		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/17/1995		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/18/1996		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
	11/19/1997		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/2/1998		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/9/1999		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/9/1999		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/9/2000		ND	ND	ND	ND	ND	ND	ND	ND	0.0196	0.0196
	11/20/2001		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/12/2002		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/7/2013		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	ND
VW-4	2/2/1987		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/2/1987		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/4/1987		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/24/1987		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/17/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/14/1987		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/20/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/26/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/22/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/31/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/15/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/25/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/20/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/23/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/17/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/18/1994		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/20/1995		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/20/1996		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/17/1997		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/30/1998		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/10/1999		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/5/2000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/21/2001		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/25/2002	(288)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6S2W10E02	6/16/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/28/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/3/1990	+	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/23/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/21/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/15/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/25/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/24/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/21/1994		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6S2W10E02	11/22/1995		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/22/1996		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6S2W09Q01	6/16/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/28/1989		0.0008	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/3/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/3/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/29/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/29/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/29/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/30/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/15/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/27/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/25/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6S2W15D15	3/29/1990		0.0860	0.0270	ND	ND	ND	ND	ND	ND	ND	ND
6S2W15D16	3/29/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6S2W16G7	6/16/1988		ND	0.0006	ND	ND	ND	ND	ND	ND	ND	ND
	7/25/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/26/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/9/1991		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/21/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/24/1993		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/1/1994		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/5/1995		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/25/1996		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
	12/9/1997		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/7/1998		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/7/1999		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/8/2000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/29/2001		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/27/2002		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Blanks												
	2/23/1986		0.0010	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/23/1986		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/21/1986		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/14/1987		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/16/1987		ND	ND	ND	ND	ND	ND	ND	ND	0.0140	ND
	3/20/1988		ND	ND	ND	ND	ND	ND	ND	ND	0.0110	ND
	4/18/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/14/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/16/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/17/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/25/1988		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/20/1988	(9)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/21/1988	(8)	ND	ND	ND	ND	ND	ND	ND	ND	0.0020	ND
	12/21/1988		ND	ND	ND	ND	ND	ND	ND	ND	0.0030	ND
	3/16/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/15/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/26/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/27/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/20/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/20/1989		ND	ND	ND	ND	ND	ND	ND	ND	0.0079	ND
	9/21/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/22/1989		ND	ND	ND	ND	ND	ND	ND	ND	0.0092	ND
	9/22/1989		ND	ND	ND	ND	ND	ND	ND	ND	0.0007	ND
	9/27/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/10/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/14/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/14/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/14/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/14/1989		ND	ND	ND	0.0085	ND	ND	ND	ND	ND	ND
	12/20/1989		ND	0.0027	ND	ND	0.0005	ND	ND	ND	ND	ND
	12/20/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/22/1989		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/29/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/29/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/29/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/22/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/26/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4/2/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4/3/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4/3/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4/3/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4/5/1990		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/4/1990	TB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/4/1990	W3-BB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
(E5/FB)	6/8/1990	(18)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/4/1990	W3-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
(13I/BB)	6/6/1990	(19)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/20/1990	TB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/20/1990	TB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/20/1990	TB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/22/1990	VW-2-BB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/24/1990	W-4A-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/24/1990	W-4A-BB	ND									
	8/28/1990	27I-BB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/28/1990	27I-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/31/1990	24I-BB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/28/1990	29S-BB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/28/1990	TB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/30/1990	W-7A-BB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/30/1990	W-7A-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/4/1990	SP10I-BB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/4/1990	27I-BB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
	12/4/1990	27I-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/4/1990	TB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Blanks											
	2/1/1991	W-6-BB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/6/1991	W-7-BB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/6/1991	W-7-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/7/1991	27I-BB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/8/1991	TB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/2/1991	28S-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/2/1991	28S-BB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/6/1991	27I-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/6/1991	27I-BB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/9/1991	TB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/14/1991	TB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/14/1991	W-4-BB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/14/1991	VW-3-BB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/15/1991	TB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/19/1991	28S-BB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/22/1991	NC21-BB (51)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/29/1991	TB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/4/1991	NC2I-BB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/4/1991	TB	ND	ND	ND	ND	ND	0.0014	ND	ND	0.0013	ND
	12/5/1991	TB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/5/1991	W-7A-BB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/6/1991	SP-10I-BB	ND	ND	ND	ND	ND	ND	ND	ND	0.0014	ND
	12/9/1991	TB	ND	ND	ND	ND	ND	ND	ND	ND	0.0012	ND
	2/24/1992	30I-BB (65)	ND	ND	ND	ND	ND	ND	ND	ND	0.0009	ND
	2/25/1992	√W-2-BB (66)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/27/1992	W-7-BB (75)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/2/1992	TB (74)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/21/1992	T. BLANK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/26/1992	W-7-BB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/26/1992	TB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/18/1992	TRIP 18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/20/1992	VW-3-BB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/21/1992	W-2A-BB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/24/1992	28S-BB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/26/1992	NC9I-BB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/27/1992	W-3-BB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/31/1992	T. BLANK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/2/1992	NB-2-BB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/19/1992	T. BLANK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/25/1992	T. BLANK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/19/1992	W-6-BB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/20/1992	W-3-BB (81)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/24/1993	T. BLANK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/24/1993	NC7S-BB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/25/1993	W-6-BB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/1/1993	W-3FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/2/1993	NC9I-BB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/11/1993	T. BLANK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/13/1993	29I-BB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/14/1993	W-1-BB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/17/1993	28S-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/17/1993	T. BLANK (89	ND									
	8/19/1993	√W-2-BB (83)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/19/1993	T. BLANK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/20/1993	24I-BB (88)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/25/1993	NC9I-BB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/24/1993	NC9I-BB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/24/1993	TB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/17/1993	W-3-BB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/19/1993	28S-BB	ND	ND	ND	ND	ND	ND	ND	ND	0.0006	ND
	11/19/1993	TB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/15/1994	TB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/17/1994	NC3S-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/18/1994	TRIP1117	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/22/1994	W1-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/22/1994	W2-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/21/1994	27I-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/14/1995	NC7S-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
	11/17/1995	W-4A-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/17/1995	TB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/20/1995	26S-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/22/1995	W-3-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/22/1995	TB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/15/1995	24I-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/21/1996	TB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/14/1996	24S-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/13/1996	NC-4I-FB	ND	ND	ND	ND	ND	ND	ND	ND	0.0014	0.0000
	11/15/1996	W-4-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/18/1996	W-3-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/13/1997	28I-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/13/1997	NC7S-FB	ND	ND	ND	ND	ND	ND	ND	ND	0.0022	0.0000
	8/27/1997	28S-FB	ND	ND	ND	ND	ND	ND	ND	ND	0.0019	0.0022
	11/13/1997	24S-BB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/18/1997	27I-BB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/14/1997	28S-BB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/17/1997	W-5-BB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/3/1998	W-5-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/30/1998	VW-4-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/1/1998	30I-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/7/1998	29S-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VW-2-FB	12/10/1999	VW-2-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VW-3-FB	12/9/1999	VW-3-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trip Blank	12/6/1999	TB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trip Blank	12/10/1999	TB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VW-3-FB	12/6/2000	VW-3-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VW-3-FB	12/6/2000	VW-3-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
W-6A-FB	12/1/2000	W-6A-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
TB	12/1/2000	TB	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
24S-FB	12/5/2000	24S-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
TB	12/5/2000	TB	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
W-4-FB	12/4/2000	W-4-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
TB	12/4/2000	TB	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
28S-FB	11/19/2001	28S-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
WELL-22-FB	11/20/2001	WELL-22-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
27I-FB	11/21/2001	27I-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
FB-W-2A	11/26/2001	FB-W-2A	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
FB-T-1	11/27/2001	FB-T-1	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
FB-T34	11/29/2001	FB-T34	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
VW-3-FB	11/12/2002	VW-3-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
NC7S-FB	11/13/2002	NC7S-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
TB	11/14/2002	TB-111402	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
W-4-FB	11/14/2002	W-4-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
TB-113004	11/30/2004	TB-113004	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
TB-120604	12/6/2004	TB-120604	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
TB	2/9/2005	TB020905	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
EB	5/12/2005	E-3-EB	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
TB	8/16/2005	TB081605	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
FB-110305	11/3/2005	FB-110305	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
TB	3/14/2006	TB	ND									
TB	3/15/2006	TB	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
TB	5/22/2006	TB	<0.0005	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
TB-091906	9/19/2006	TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0005	0.0005
EB-092106	9/21/2006	EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	ND
TB-120506	12/5/2006	TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	ND
TB-120606	12/6/2006	TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	ND
TB-052207	5/22/2007	TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	ND
FB-052107	5/21/2007	FB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	ND
EB-052107	5/21/2007	EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	ND
TB-052307	5/23/2007	TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	ND
FB-052307	5/23/2007	FB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	ND
EB-052307	5/23/2007	EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	ND
TB-103007	10/30/2007	TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	ND
EB-110107	11/1/2007	EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	ND
FB-110107	11/1/2007	FB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	ND
EB-110207	11/2/2007	EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	ND
FB-110207	11/2/2007	FB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	ND
TB-060308	6/3/2008	TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	ND
EB-060408	6/4/2008	EB (668)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	ND
FB-060408	6/4/2008	FB (669)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	0.0079

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California
Expressed in parts per million (ppm)

Well Number	Well Number/ Date Sampled	Notes	TCE	cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloro-form	Total VOCs
TB-060408	6/4/2008	TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	0.0083
EB-060508	6/5/2008	EB (677)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
FB-060508	6/5/2008	FB (678)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	0.0074
TB-060508	6/5/2008	TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	0.0080
TB-110608	11/6/2008	TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
TB-110708	11/7/2008	TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
FB-110708	11/7/2008	FB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
EB-110708	11/7/2008	EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	0.0003J	0.0003
FB-110708	11/10/2008	FB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	0.0003J	0.0003
EB-110708	11/10/2008	EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	0.0003J	0.0003
EB-051209	5/12/2009	EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	0.0003J	0.0003
FB-051209	5/12/2009	FB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
TB-051209	5/12/2009	TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
EB-051409	5/14/2009	EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
FB-051409	5/14/2009	FB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
TB-051409	5/14/2009	TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
EB 11109	11/11/2009	EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
FB-111109	11/11/2009	FB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
TRIP BLANK	11/10/2009	TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
EB-111209	11/12/2009	EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
FB-111209	11/12/2009	FB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
TRIP	11/12/2009	TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
TRIP	11/13/2009	TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
EB-052510	5/25/2010	EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
FB-052510	5/25/2010	FB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
TRIP	5/26/2010	TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
EB-052610	5/26/2010	EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
FB-052610	5/26/2010	FB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
TRIP	12/13/2010	TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
EB121510	12/15/2010	EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
FB121510	12/15/2010	FB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
EB121610	12/16/2010	EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
FB121610	12/16/2010	FB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
TRIP	12/16/2010	TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
EB121710	12/17/2010	EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
FB121710	12/17/2010	FB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
TRIP	12/17/2010	TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
EQ05182011	5/18/2011	EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
EQ05192011	5/19/2011	EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
TRIP	5/19/2011	TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
EQ11152011	11/15/2011	EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
EQ11172011	11/17/2011	EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
EB-1	11/27/2012	EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	ND
EB-2	11/28/2012	EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	ND
EB-3	11/29/2012	EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	ND
Trip Blank	11/29/2012	TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	ND
Trip Blank	11/30/2012	TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	ND
Trip Blank	6/7/2013	TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	ND
EB-3	11/8/2013	EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	ND
Trip Blank	11/8/2013	TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	ND
FB-3	11/8/2013	FB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	ND
FB-4	11/11/2013	FB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	ND
EB1	5/14/2014	EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	ND
TRIP BLANK	5/15/2014	TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	ND
	12/5/2014	EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	ND
	12/5/2014	TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	ND

Data entered by CC and TLR. QA/QC by KC.

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Notes:

* Split sample
b = High response was observed for Freon 113 in the CCV analyzed 11-19-08, 10:35; this analyte was not detected at or above the Reporting Limit in the associated sample, and affected data were qualified with "b."
J = estimated value, value below reporting limit
ND = not detected
NM = not measured
ppm = parts per million
QA/QC = quality assurance/quality control
VOCs = volatile organic compounds

Key to Chemical Abbreviations:
TCE = trichloroethene
1,2-DCE = cis- or trans-1,2-dichloroethene
1,1,1-TCA = 1,1,1-trichloroethane
1,1-DCE = 1,1-dichloroethene
1,1-DCA = 1,1-dichloroethane
Freon 113 = 1,2,2-trichloro-2,2,1-trifluoroethane
MTBE = methyl tertiary-butyl ether
PCE = tetrachloroethene
1,2-DCA = 1,2-dichloroethane
1,2-DCB = 1,2-dichlorobenzene

(a) 1,3-DCB detected at 0.0048 ppm.
(b) 1,3-DCB detected at 0.0042 ppm.
(c) 1,3-DCB detected at 0.0150 ppm.
(d) 1,3-DCB detected at 0.0077 ppm.
(e) 1,3-DCB detected at 0.0011 ppm.
(f) 1,2-DCA detected at 0.0017 ppm and 1,2-DCP detected at 0.0009 ppm.
(g) 1,2-DCA detected at 0.0014 ppm and 1,2-DCP detected at 0.0008 ppm.
(1A) Chlorobenzene detected at 0.058 ppm.
(1B) 1,2-DCA detected at 0.075 ppm.
(1C) 1,2-DCA detected at 0.213 ppm.
(2) 1,1,2-TCA detected at 0.004 ppm.
(3) Carbon Disulfide detected at 0.024 ppm and 4-methyl-2-pentanone detected at 0.060 ppm.
(4) Ethylbenzene detected at 0.013 ppm and Freon 11 detected at 0.003 ppm.
(5) Freon 11 detected at 0.031 ppm.
(6) Carbon Tetrachloride detected at 0.003 ppm.
(7) 1,3-DCB detected at 0.001 ppm.
(8) Bromodichloromethane detected at 0.009 ppm and dibromochloromethane detected at 0.014 ppm.
(9) Bromodichloromethane detected at 0.008 ppm and dibromochloromethane detected at 0.013 ppm.
(10) Sample was analyzed using EPA Method 8010
(11) Analytical result for Freon 113 should not be considered reliable for this common lab contaminant unless the sample result exceeds 5 times the reporting limit (0.001) or 10 times the blank result
(12) Methylene chloride detected at 0.0063 ppm.
(13) Methylene chloride detected at 0.022 ppm.
(14) Methylene chloride detected at 0.005 ppm.
(15) Carbon disulfide detected at 0.010 ppm.
(16) EPA Method 8240 detected a large peak for an unquantified, tentatively identified compound reported a hexachlorobutadene.
(17) 1,2-Dichloropropane detected at 0.011 ppm.
(18) Methylene chloride detected at 0.020 ppm.
(19) Methylene chloride detected at 0.020 ppm.
(20) 1,2-Dichloroethane detected at 0.0012 ppm.
(21) Methylene chloride detected at 0.0061 ppm, also detected in laboratory blank
(22) Methylene chloride detected at 0.0069 ppm, also detected in laboratory blank
(23) Methylene chloride detected at 0.0068 ppm, also detected in laboratory blank
(24) Methylene chloride detected at 0.0069 ppm, also detected in laboratory blank
(25) Methylene chloride detected at 0.0064 ppm, also detected in laboratory blank
(26) Methylene chloride detected at 0.0068 ppm, also detected in laboratory blank
(27) 1,2-Dichloroethane detected at 0.0014 ppm.
(28) 2-Butanone (MEK) detected at 0.300 ppm.
(29) 1,2-Dichloroethane detected at 0.0015 ppm.
(30) 1,2-Dichloropropane detected at 0.0015 ppm and 1,2-Dichloroethane detected at 0.0019 ppm.
(31) Carbon tetrachloride detected at 0.0076 ppm.
(32) Carbon tetrachloride detected at 0.0058 ppm.
(33) 1,2-Dichloroethane detected at 0.0016 ppm.
(34) 1,2-Dichloroethane detected at 0.0015 ppm.
(35) 1,2-Dichloroethane detected at 0.0011 ppm.
(36) Samples analyzed after recommended holding time; however, results are consistent with previously reported results
(37) Samples analyzed after recommended holding time; however, results are consistent with previously reported results
(38) Acetone detected at 0.140 ppm.
(39) Acetone detected at 0.130 ppm and methylene chloride at 0.052 ppm.
(40) Acetone detected at 0.140 ppm and methylene chloride at 0.054 ppm.
(41) Acetone detected at 0.100 ppm.
(42) 2-Butanone detected at 0.210 ppm.

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Notes:

(43) Methylene chloride detected at 0.044 ppm.
(44) Methylene chloride detected at 0.081 ppm.
(45) Methylene chloride detected at 0.0023 ppm.
(46) 4-Methyl-2-pentanone detected at 0.077 ppm.
(47) 1,2-Dichloroethane detected at 0.0013 ppm.
(48) 1,2-Dichloroethane detected at 0.001 ppm.
(49) Methylene chloride detected at 0.0065 ppm.
(50) Acetone detected at 0.041 ppm.
(51) Methylene chloride detected at 0.008 ppm.
(52) Methylene chloride detected at 0.0077 ppm.
(53) Methylene chloride detected at 0.0044 ppm.
Note: Methylene chloride and acetone were identified as common laboratory contaminants fo
samples analyzed during August and September 1991. This applies to Notes (38) through (53)
(54) Silanol, trimethyl- detected at 0.0053 ppm.
(55) Silanol, trimethyl- detected at 0.0053 ppm.
(56) Dichlorofluoromethane (Freon 21) at 0.0098 ppm.
(57) Dichlorofluoromethane (Freon 21) at 0.011 ppm.
(58) 1,2-Dichloroethane detected at 0.0016 ppm.
(59) The Freon 113 detection (0.0027 ppm.) in the 28S sample was adjusted to not detected with the detection lim
raised to 0.0027 ppm. This is due to the detection of Freon 113 in the sample NC21-BB (0.0014 ppm.)
(60) The chloroform detection (0.0045 ppm.) in the well 23 sample was adjusted to not detected with the detection lim
raised to 0.0045 ppm. This is due to the detection of chloroform in the sample MS5I-BB (0.0011 ppm.)
(61) The chloroform detection (0.0016 ppm.) in the W-1 sample was adjusted to not detected with the detection limi
raised to 0.0016 ppm. This is due to the detection of chloroform in the sample MS5I-BB (0.0011 ppm.)
(62) The chloroform detection (0.0019 ppm.) in the W-101 sample (a duplicate of W-1) was adjusted to not
detected with the detection limit raised to 0.0019 ppm. This is due to the detection of chloroform
in the sample MS5I-BB (0.0011 ppm.) .
(63) The chloroform detection (0.00055 ppm.) in the 29S sample was adjusted to not detected with the detection lim
raised to 0.00055 ppm. This is due to the detection of chloroform in the sample MS5I-BB (0.0011 ppm.)
(64) The methylene chloride detection (0.001 ppm.) in the 28I sample was adjusted to not detected with the detectio
limit raised to 0.001 ppm.
(65) Methylene chloride detected at 0.0013 ppm.
(66) Methylene chloride detected at 0.00087 ppm.
(67) The methylene chloride detection (0.240 ppm.) in the 27I sample was adjusted to not detected with the detectio
limit raised to 0.240 ppm.
(68) The methylene chloride detection (0.280 ppm.) in the duplicate sample of 27I was adjusted to not detected wit
the detection limit raised to 0.280 ppm.
(69) The methylene chloride detection (0.077 ppm.) in the E-1 sample was adjusted to not detected with the detectio
limit raised to 0.077 ppm.
(70) The methylene chloride detection (0.076 ppm.) in the E-2 sample was adjusted to not detected with the detectio
limit raised to 0.076 ppm.
(71) The methylene chloride detection (0.031 ppm.) in the E-4 sample was adjusted to not detected with the detectio
limit raised to 0.031 ppm.
(72) The methylene chloride detection (0.0053 ppm.) in the E-6 sample was adjusted to not detected with the detectio
limit raised to 0.0053 ppm.
(73) The methylene chloride detection (0.010 ppm.) in the E-8 sample was adjusted to not detected with the detectio
limit raised to 0.010 ppm.
(74) Methylene chloride detected at 0.0023 ppm.
(75) Methylene chloride detected at 0.0025 ppm.
(76) Tentatively identified compound - cyclotrisiloxane, hexamethyl: estimated concentration of 0.020 ppm
(77) Tentatively identified compound - cyclotrisiloxane, hexamethyl: estimated concentration of 0.020 ppm
(78) Tentatively identified compound - cyclotrisiloxane, hexamethyl: estimated concentration of 0.080 ppm
(79) Tentatively identified compound - cyclotrisiloxane, hexamethyl: estimated concentration of 0.010 ppm
(80) Bromodichlorome detected at 0.00074 ppm.
(81) Methylene chloride detected at 0.0013 ppm.
(82) 1,2-Dichlorobenzene detected at 0.0012 ppm.
(83) Methylene chloride detected at 0.0028 ppm.
(84) Methylene chloride detected at 0.0029 ppm.
(85) Methylene chloride detected at 0.0059 ppm.
(86) Methylene chloride detected at 0.0022 ppm.
(87) Acetone detected at 0.037 ppm.
(88) Methylene chloride detected at 0.0029 ppm.
(89) Methylene chloride detected at 0.0019 ppm.
(90) Methylene chloride detected at 0.034 ppm.
(91) Trans-1,2-dichloroethene detected at 0.0033 ppm.
(92) Trans-1,2-dichloroethene detected at 0.0031 ppm.
(93) Methylene chloride detected at 0.0047 ppm.
(94) 1,2-Dichlorobenzene detected at 0.00062 ppm.
(95) Methylene chloride detected at 0.0061 ppm.
(96) Dichlorodifluoromethane detected at 0.0026 ppm.
(97) 2-Butanone detected at 0.051 ppm.
(98) 1,2-Dichlorobenzene detected at 0.012 ppm.
(99) 1,2-Dichlorobenzene detected at 0.015 ppm.
(101) Trans-1,2-DCE detected at 0.003 ppm.
(102) 1,2-DCB detected at 0.010 and trans1,2-DCE at 0.004 ppm.
(103) 1,2-DCB detected at 0.00062 ppm.

Table 3-5
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Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Notes:

(105) Trans-1,2-DCE at 0.0027 ppm.
(106) Trans-1,2-DCE at 0.0026 ppm.
(107) 1,2-DCA 0.00053 ppm.
(108) Trans-1,2-DCE 0.004 ppm.
(109) Trans-1,2-DCE 0.002 ppm.
(110) Trans-1,2-DCE 0.002 ppm.
(111) Trans-1,2-DCE 0.002 ppm.
(112) 1,2-DCB at 0.13 ppm.
(113) Methylene chloride at 0.014 ppm
(114) Trans-1,2-DCE 0.0036 ppm.
(115) Trans-1,2-DCE 0.0039 ppm.
(116) Trans-1,2-DCE 0.0068 ppm.
(117) Trans-1,2-DCE 0.0068 ppm.
(118) 1,2-DCB 0.012 ppm.
(119) 1,2-DCA 0.00052 ppm.
(120) Chloroethane 0.00064 ppm.
(121) Samples analyzed after recommended holding time; however, results are consistent with previously reported results
Chloroform is thought to be a field contaminant resulting from the use of municipal water supply in decontaminatio
operations. This is based on low concentrations detected and the random pattern of detections
(122) Trans-1,2-DCE 0.004; 1,2-DCB 0.007 ppm.
(123) Trans-1,2-DCE 0.003 ppm.
(124) Trans-1,2-DCE 0.004 ppm.
(125) 1,2-DCA 0.0006 ppm.
(126) Trichlorofluoromethane (Freon 21) at 0.29 ppm
(127) 1,2-DCA 0.0028, Dichlorodifluoromethane at 0.28, trichlorofluoromethane at 0.0061 ppm
(128) Trans-1,2-DCE 0.006 ppm.
(129) Trichlorofluoromethane at 0.0019 ppm.
(130) 1,2-DCB 0.008 ppm.
(131) Trans-1,2-DCE 0.003 ppm.
(132) Trans-1,2DCE 0.003 ppm.
(133) Trans-1,2-DCE 0.0013 ppm.
(134) Trans-1,2-DCE 0.003 ppm.
(135) Trans-1,2-DCE 0.0008 ppm.
(136) Trans-1,2-DCE 0.0007 ppm.
(137) Trans-1,2-DCE 0.0023 ppm.
(138) Trans-1,2-DCE 0.004 ppm.
(139) Trans-1,2-DCE 0.003 ppm.
(140) Trans-1,2,DCE 0.003 ppm.
(141) 1,2-DCB 0.005 ppm.
(142) Trans-1,2-DCE 0.00199 ppm.
(143) Trans-1,2-DCE 0.0062; 1,2-DCB 0.0182 ppm.
(144) Trans-1,2-DCE 0.0055; 1,2-DCB 0.0182 ppm.
(145) Trans-1,2-DCE 0.0051; 1,2-DCB 0.0054 ppm.
(146) 1,2-DCA 0.00068 ppm.
(147) Trichlorofluoromethane at 0.00097; trans-1,2-DCE 0.00206 ppm
(148) Trans-1,2-DCE 0.00066 ppm.
(149) 1,2-DCA 0.00099; trans-1,2-DCE 0.0026 ppm.
(150) 1,2-DCB at 0.00081 ppm.
(151) 1,2-DCB at 0.0009 ppm.
(152) 1,2-DCB at 0.0384 ppm.
(153) Trans-1,2-DCE 0.00078 ppm.
(154) 1,2-DCB at 0.042 ppm.
(155) Trans-1,2-DCE 0.00392 ppm.
(156) 1,2-DCB at 0.03 ppm.
(157) 1,2-DCB at 0.00082 ppm.
(158) 1,2-DCA 0.00068 ppm.
(159) Trans-1,2-DCE 0.00515 ppm.
(160) 1,2-DCB at 0.021 ppm.
(161) 1,2-DCB at 0.011 ppm.
(162) Trans-1,2-DCE 0.00136 ppm.
(163) 1,2-DCA at 0.00098 ppm.
(164) 1,2-DCA at 0.00085 ppm.
(165) Trans-1,2-DCE at 0.0061 ppm.
(166) 1,2-DCB at 0.0134 ppm.
(167) 1,2-DCB at 0.0142 ppm.
(168) Trans-1,2-DCE at 0.00471 ppm.
(169) 1,2-DCB at 0.0232 ppm.
(170) Trans-1,2-DCE at 0.00556 ppm.
(171) Trans-1,2-DCE at 0.00645 ppm.
(172) 1,2-DCB at 0.0134 ppm.
(173) Trans-1,2-DCE at 0.00326 ppm.
(174) Trans-1,2-DCE at 0.00323 ppm.
(175) Bromomethane at 0.00173 ppm.
(176) 1,2-Dichloroethane at 0.00130 ppm.
(177) Trans-1,2-DCE at 0.0064 ppm.
(178) 1,2-DCA at 0.00136 ppm.

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Notes:

(179) 1,2-DCB at 0.0139 ppm.
(180) 1,2-DCB at 0.0136 ppm.
(181) Trans-1,2-DCE at 0.00326 ppm.
(182) 1,2-DCB at 0.0118 ppm.
(183) Trans-1,2-DCE at 0.00326 ppm.
(184) 1,1-DCA at 0.00066 ppm.
(185) Trans-1,2-DCE at 0.00350 ppm.
(186) Trans-1,2-DCE at 0.0055 ppm.
(187) Trans-1,2-DCE at 0.0026 ppm.
(188) Trans-1,2-DCE at 0.0031 ppm.
(189) Trans-1,2-DCE at 0.002 ppm.
(190) Trans-1,2-DCE at 0.0038 ppm.
(191) Trans-1,2-DCE at 0.0033 ppm.
(192) Trans-1,2-DCE at 0.0038 ppm.
(193) Trans-1,2-DCE at 0.0038 ppm and 1,2-DCB at 0.0043 ppm.
(194) Trans-1,2-DCE at 0.0052 ppm and 1,2-DCB at 0.002 ppm.
(195) Trans-1,2-DCE at 0.007 ppm.
(196) Trans-1,2-DCE at 0.0006 ppm.
(197) Trans-1,2-DCE at 0.0007 ppm.
(198) Trans-1,2-DCE at 0.0041 ppm.
(199) Trans-1,2-DCE at 0.0037 ppm.
(200) Trans-1,2-DCE at 0.0017 ppm.
(201) 1,2-DCA at 0.0006 ppm.
(202) Trans-1,2-DCE at 0.0035 ppm; 1,2-DCA at 0.001 ppm.
(203) 1,2-DCA at 0.0013 ppm.
(204) Trans-1,2-DCE at 0.0017 ppm.
(205) 1,2-DCE at 0.0008 ppm.
(206) 1,2-DCE at 0.001 ppm.
(207) Trans-1,2-DCE at 0.003 ppm.
(208) Trans-1,2-DCE at 0.0045 ppm.
(209) Trans-1,2-DCE at 0.0024 ppm.
(210) Trans-1,2-DCE at 0.004 ppm.
(211) Trans-1,2-DCE at 0.0017 ppm.
(212) Trans-1,2-DCE at 0.0021 ppm.
(213) Trans-1,2-DCE at 0.0016 ppm.
(214) Trans-1,2-DCE at 0.0012 ppm.
(215) Trans-1,2-DCE at 0.0051 ppm.
(216) Trans-1,2-DCE at 0.0006 ppm; MTBE at 0.0008 ppm.
(217) Trans-1,2-DCE at 0.0017 ppm; MTBE at 0.002 ppm.
(218) Trans-1,2-DCE at 0.0030 ppm.
(219) Trans-1,2-DCE at 0.0005 ppm.
(220) Trans-1,2-DCE at 0.0066 ppm.
(221) Trans-1,2-DCE at 0.0032 ppm and 1,2-DCB at 0.0037 ppm.
(222) Trans-1,2-DCE at 0.0059 ppm and 1,2-DCB at 0.0013 ppm.
(223) Trans-1,2-DCE at 0.0075 ppm and 1,2-DCB at 0.0048 ppm.
(224) Trans-1,2-DCE at 0.0025 ppm and 1,2-DCB at 0.004 ppm.
(225) Trans-1,2-DCE at 0.0017 ppm.
(226) Trans-1,2-DCE at 0.0014 ppm.
(227) Trans-1,2-DCE at 0.0032 ppm.
(228) Trans-1,2-DCE at 0.0014 ppm.
(229) Trans-1,2-DCE at 0.0097 ppm and 1,2-DCB at 0.0018 ppm.
(230) Trans-1,2-DCE at 0.0007 ppm.
(231) Trans-1,2-DCE at 0.0061 ppm.
(232) Trans-1,2-DCE at 0.0056 ppm.
(233) Trans-1,2-DCE at 0.0065 ppm.
(234) Trans-1,2-DCE at 0.0031 ppm.
(235) Trans-1,2-DCE at 0.0075 ppm and 1,2-DCB at 0.0011 ppm.
(236) Trans-1,2-DCE at 0.0055 ppm and 1,2-DCB at 0.0041 ppm.
(237) Trans-1,2-DCE at 0.0035 ppm.
(238) Trans-1,2-DCE at 0.0018 ppm.
(239) Trans-1,2-DCE at 0.0022 ppm.
(240) Trans-1,2-DCE at 0.0026 ppm.
(241) Trans-1,2-DCE at 0.001 ppm.
(242) Trans-1,2-DCE at 0.0042 ppm and 1,2-DCB at 0.0014 ppm.
(243) Trans-1,2-DCE at 0.0006 ppm.
(244) Trans-1,2-DCE at 0.0016 ppm.
(245) Trans-1,2-DCE at 0.0027 ppm.
(246) 1,2-DCA at 0.0006 ppm.
(247) Trans-1,2-DCE at 0.0067 ppm.
(248) Trans-1,2-DCE at 0.0034 ppm.
(249) Trans-1,2-DCE at 0.0009 ppm.
(250) Trans-1,2-DCE at 0.0037 ppm.
(251) Trans-1,2-DCE at 0.0074 ppm and 1,2-DCB at 0.0009 ppm.
(252) Trans-1,2-DCE at 0.007 ppm and 1,2-DCB at 0.0016 ppm.
(253) Trans-1,2-DCE at 0.0058 ppm and 1,2-DCB at 0.0055 ppm.
(254) Trans-1,2-DCE at 0.0039 ppm.

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Notes:

(255) Trans-1,2-DCE at 0.0008 ppm.
(256) Trans-1,2-DCE at 0.002 ppm.
(257) Trans-1,2-DCE at 0.0019 ppm.
(258) Trans-1,2-DCE at 0.0014 ppm.
(259) Trans-1,2-DCE at 0.0011 ppm.
(260) Trans-1,2-DCE at 0.0028 ppm.
(261) Trans-1,2-DCE at 0.0037 ppm.
(262) Trans-1,2-DCE at 0.0044 ppm.
(263) Trans-1,2-DCE at 0.0024 ppm.
(264) Trans-1,2-DCE at 0.0031 ppm.
(265) 1,2-DCA at 0.0006 ppm.
(266) Trans-1,2-DCE at 0.0076 ppm.
(267) 1,2-DCA at 0.0008 ppm.
(265) 1,2-DCA at 0.0006 ppm.
(266) Trans-1,2-DCE at 0.0055 ppm and 1,2-DCB at 0.0048 ppm.
(267) Trans-1,2-DCE at 0.0023 ppm and 1,2-DCB at 0.0015 ppm.
(268) Trans-1,2-DCE at 0.0015 ppm and MTBE at 0.001 ppm. 1,1-DCE and chloroform detected at concentrations below Reporting Limit of 0.001 ppm.
(269) Trans-1,2-DCE at 0.0015 ppm and MTBE at 0.001 ppm. Freon 113, 1,1-DCE; and 1,1-DCA detected at concentrations below Reporting Limits of 0.0063 ppm, 0.0006 ppm, and 0.0006 ppm, respectively.
(270) Trans-1,2-DCE at 0.0036 ppm and 1,2-DCB at 0.0014 ppm. 1,1-DCE detected at concentration below Reporting Limit of 0.0007 ppm.
(271) Trans-1,2-DCE at 0.0006 ppm; MTBE at 0.0008 ppm. Vinyl Chloride detected below the Reporting Limit of 0.0005 ppm.
(272) Trans-1,2-DCE at 0.0035 ppm; 1,2-DCA at 0.001 ppm. Freon 113 and 1,1-DCA detected at concentrations below the Reporting Limit of 0.005 ppm and 0.0005 ppm, respectively.
(273) Trans-1,2-DCE at 0.0035 ppm; 1,2-DCA at 0.001 ppm. Freon 113 and 1,1-DCA detected at concentrations below the Reporting Limit of 0.005 ppm and 0.0005 ppm, respectively.
(274) PCE detected below Reporting Limit of 0.0005 ppm.
(275) Chloroform detected below Reporting Limit of 0.0005 ppm.
(276) Trans-1,2-DCE at 0.0018 ppm. Freon 113; 1,1-DCE and 1,1-DCA detected at concentrations below the Reporting Limit of 0.0071 ppm and 0.0007 ppm, respectively.
(277) Freon 113 and trans-1,2-DCE detected at concentrations below the Reporting Limit of 0.005 ppm and 0.0005 ppm, respectively.

(278) Trans-1,2-DCE at 0.0074 ppm.
(279) Freon 113, vinyl chloride, trans-1,2-DCE, and 1,2-DCA detected at concentrations below the Reporting Limit of 0.0005 ppm.
(280) Trans-1,2-DCE at 0.0006 ppm. 1,1-DCE detected below the Reporting Limit of 0.0006 ppm.
(281) Trans-1,2-DCE ; 1,1-DCE; 1,1-DCA; 1,2-DCA; chloroform and PCE detected at concentrations below the Reporting Limit of 0.0005 ppm.
(282) Toluene detected below the Reporting Limit of 0.0005 ppm.
(283) 1,1-DCE detected below the Reporting Limit of 0.0005 ppm.
(284) Chloroform detected below Reporting Limit of 0.0005 ppm.
(285) Trans-1,2-DCE at 0.0006 ppm. 1,1-DCE and PCE detected at concentrations below the Reporting Limit of 0.0005 ppm.
(286) Trans-1,2-DCE at 0.0025 ppm.
(287) 1,2-DCB at 0.0006 ppm.
(288) 1,2-DCB detected below the Reporting Limit of 0.0005 ppm.
(289) PCE detected below the Reporting Limit of 0.0005 ppm.
(290) 1,2-DCB at 0.0015 ppm and trans-1,2-DCE at 0.0034 ppm.
(291) 1,2-DCB at 0.011 ppm and trans-1,2-DCE at 0.0064 ppm.
(292) 1,2-DCB at 0.066 ppm and trans-1,2-DCE at 0.0012 ppm.
(293) 1,2-DCB at 0.019 ppm and trans-1,2-DCE at 0.0035 ppm.
(294) Trans-1,2-DCE at 0.0016 ppm. 1,2-DCB was detected at concentrations less than Reporting Limit of 0.001 ppm.
(295) Trans-1,2-DCE at 0.0016 ppm. 1,1-DCE and 1,1-DCA were detected at concentrations less than Reporting Limit of 0.0006 ppm and Freon 113 was detected at a concentration less than Reporting Limit of 0.063 ppm.
(296) Trans-1,2-DCE at 0.0020 ppm. 1,1-DCA was detected at concentrations less than Reporting Limit of 0.0007 ppm.
(297) Trans-1,2-DCE at 0.0014 ppm. 1,1-DCE was detected at concentrations less than Reporting Limit of 0.0007 ppm.
(298) 1,2-DCB at 0.0015 ppm and trans-1,2-DCE at 0.0014 ppm. 1,1-DCE was detected at concentrations less than Reporting Limit of 0.0006 ppm.
(299) Trans-1,2-DCE at 0.0014 ppm. 1,1-DCE was detected at concentrations less than Reporting Limit of 0.0005 ppm.
(300) Trans-1,2-DCE at 0.0017 ppm. 1,1-DCE and 1,2-DCB were detected at concentrations less than Reporting Limit of 0.0007 ppm.
(301) Trans-1,2-DCE at 0.0048 ppm. 1,2-DCA was detected at a concentration less than Reporting Limit of 0.0025 ppm.
(302) Trans-1,2-DCE at 0.0046 ppm. 1,2-DCA was detected at a concentration less than Reporting Limit of 0.0025 ppm.
(303) Trans-1,2-DCE at 0.0032 ppm. 1,1-DCA was detected at concentrations less than Reporting Limit of 0.0005 ppm.
(304) Trans-1,2-DCE; 1,2-DCA; and chloroform detected at concentrations less than Reporting Limit of 0.0005 ppm.
(305) 1,2-DCA at 0.0005 ppm. Trans-1,2-DCE; 1,1-DCE; 1,1-DCA; chloroform and PCE detected at concentrations below the Reporting Limit of 0.0005 ppm.
(306) Trans-1,2-DCE at 0.0087 ppm.
(307) Trans-1,2-DCE and 1,1-DCA detected at concentrations less than the Reporting Limit of 0.0005 ppm. Freon 113 detected at a concentration less than the Reporting Limit of 0.005 ppm.
(308) 1,2-DCB at 0.0017 ppm and trans-1,2-DCE at 0.0039 ppm.
(309) 1,2-DCB at 0.011 ppm and trans-1,2-DCE at 0.0081 ppm. Vinyl chloride and 1,1-DCE were detected at concentrations less than the Reporting Limit of 0.0013 ppm.
(310) 1,2-DCB at 0.005 ppm and trans-1,2-DCE at 0.0056 ppm. Vinyl chloride and 1,1-DCE were detected at concentrations less than Reporting Limit of 0.0013 ppm.

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Notes:

(311) 1,2-DCB at 0.0016 ppm and trans-1,2-DCE at 0.0036 ppm. Vinyl chloride and 1,1-DCE were detected at concentrations less than the Reporting Limit of 0.0013 ppm.

(312) Trans-1,2-DCE at 0.0019 ppm. 1,1-DCE and 1,2-DCB were detected at concentrations less than Reporting Limit of 0.001 ppm.

(313) Trans-1,2-DCE at 0.0014 ppm. Freon 113 was detected at a concentration less than Reporting Limit of 0.071 ppm.
(314) Trans-1,2-DCE at 0.0027 ppm. Vinyl chloride, 1,1-DCE, and 1,1-DCA were detected at concentrations less than Reporting Limit of 0.001 ppm.
(315) Trans-1,2-DCE at 0.0018 ppm. Vinyl chloride, chloroform, and 1,1-DCE were detected at concentrations less than Reporting Limi of 0.001 ppm.
(316) 1,2-DCB at 0.0015 ppm and trans-1,2-DCE at 0.0044 ppm. 1,1-DCE was detected at concentrations less than Reporting Limit of 0.0008 ppm.
(317) Trans-1,2-DCE at 0.0008 ppm. Vinyl chloride and 1,1-DCE were detected at concentrations less than Reporting Limit of 0.0005 ppm.
(318) Trans-1,2-DCE at 0.0018 ppm. Vinyl chloride, 1,1-DCE, and 1,2-DCB were detected at concentrations less than Reporting Limit of 0.0007 ppm.
(319) Trans-1,2-DCE at 0.0067 ppm.
(320) Trans-1,2-DCE at 0.0057 ppm.
(321) Trans-1,2-DCE at 0.0037 ppm. Vinyl chloride was detected at a concentration less than Reporting Limit of 0.0008 ppm. Freon 113 was detected at a concentration less than 0.0083 ppm.
(322) Vinyl chloride; trans-1,2-DCE; and chloroform were detected at concentrations below the Reporting Limit of 0.0005 ppm.
(323) 1,2-DCA at 0.0005 ppm. Trans-1,2-DCE; 1,1-DCA; chloroform and PCE detected at concentrations below the Reporting Limit of 0.0005 ppm.
(324) Trans-1,2-DCE at 0.0096 ppm.

(325) Trans-1,2-DCE at 0.0005 ppm. Freon 113 was detected at a concentration less than the Reporting Limit of 0.005 ppm.

(326) Trans-1,2-DCE at 0.0005 ppm. 1,1-DCE; 1,1-DCA; and 1,2-DCA; detected at concentrations below the reporting limit of 0.0005 ppm.
(327) Trans-1,2-DCE and PCE detected at concentrations below the reporting limit of 0.0005 ppm.
(328) Trans-1,2-DCE at 0.0010 ppm and 1,1-DCA was detected at a concentration less than reporting limit of 0.0005 ppm.
(329) Trans-1,2-DCE at 0.003 ppm. Vinyl chloride was detected at a concentration less than reporting limit of 0.0007 ppm.
(330) Trans-1,2-DCE at 0.0015 ppm. 1,1-DCE was detected at a concentration less than reporting limit of 0.0007 ppm.
(331) Trans-1,2-DCE at 0.0017 ppm. Vinyl chloride, 1,1-DCE, and 1,1-DCA were detected at concentrations less than reporting limit of 0.0007 ppm.
(332) Trans-1,2-DCE at 0.0064 ppm.
(333) Trans-1,2-DCE at 0.005 ppm.
(334) Trans-1,2-DCE at 0.0007 ppm. Vinyl chloride and 1,1-DCE were detected at concentrations less than reporting limit of 0.0005 ppm.
(335) Trans-1,2-DCE at 0.0017 ppm. 1,1-DCE and 1,2-DCB were detected at concentrations less than reporting limit of 0.001 ppm.

(336) Trans-1,2-DCE at 0.0016 ppm. Vinyl chloride, 1,1-DCE, and 1,2-DCB were detected at concentrations less than reporting limit of 0.0007 ppm.

(337) Trans-1,2-DCE at 0.0018 ppm. 1,1-DCA and chloroform were detected at a concentration less than reporting limit of 0.0005 ppm.
(338) 1,1-DCE and trans-1,2-DCE were detected at concentrations below the reporting limit of 0.0005 ppm.
(339) 1,2-DCB at 0.0019 ppm and trans-1,2-DCE at 0.0042 ppm.
(340) 1,2-DCB at 0.0085 ppm and trans-1,2-DCE at 0.0096 ppm.
(341) 1,2-DCB at 0.011 ppm and trans-1,2-DCE at 0.0089 ppm.
(342) 1,2-DCB at 0.0013 ppm and trans-1,2-DCE at 0.0028 ppm.
(343) TCE was detected below the reporting limit of 0.0005 ppm.
(344) 1,2-DCA at 0.0008 ppm.

(345) Trans-1,2-DCE at 0.0037 ppm. 1,1-DCE and PCE were detected at concentrations less than reporting limit of 0.0008 ppm. Freon 113 was detected at a concentration less than the reporting limit of 0.0083 ppm.

(346) Trans-1,2-DCE at 0.0014 ppm. 1,1-DCE was detected at a concentration less than reporting limit of 0.0007 ppm.
(347) Trans-1,2-DCE and 1,1,1-TCA were detected at concentrations less than reporting limit of 0.0005 ppm.
(348) 1,1-DCE, 1,2-DCA, PCE were detected below the reporting limit of 0.0005 ppm. Freon 113 was detected below the reporting limit of 0.005 ppm.
(349) Trans-1,2-DCE was detected below the reporting limit of 0.0005 ppm.
(350) TCE was detected below the reporting limit of 0.0005 ppm.
(351) Vinyl chloride, trans-1,2-DCE, chloroform were detected below the reporting limit of 0.0005 ppm.
(352) 1,1-DCE, 1,2-DCA, PCE were detected below the reporting limit of 0.0005 ppm. Freon 113 was detected below the reporting limit of 0.005 ppm.
(353) Trans-1,2-DCE at 0.0022 ppm.

(354) 1,2-DCB at 0.005 ppm and trans-1,2-DCE at 0.0017 ppm. 1,1-DCE was detected below the reporting limit of 0.0005 ppm. Freon 113 was detected below the reporting limit of 0.005 ppm.

(355) 1,2-DCB at 0.0039 ppm and trans-1,2-DCE at 0.0094 ppm. Vinyl chloride was detected at a concentration less than reporting limit of 0.001 ppm.
(356) Trans-1,2-DCE at 0.0025 ppm. 1,1-DCE and 1,2-DCB were detected at concentrations less than reporting limit of 0.0007 ppm.
(357) Trans-1,2-DCE at 0.0016 ppm.
(358) Trans-1,2-DCE at 0.0016 ppm. 1,1-DCE, 1,1-DCA, and 1,2-DCB were detected below the reporting limit of 0.0007 ppm.
(359) Trans-1,2-DCE at 0.0015 ppm. 1,1-DCE, 1,1-DCA, and vinyl chloride were detected below the reporting limit of 0.0005 ppm.
(360) Chloroform detected below reporting limit of 0.0005 ppm.
(361) Trans-1,2-DCE at 0.0029 ppm; 1,2-DCA at 0.0008 ppm. 1,1-DCA detected at concentrations below the reporting limit of 0.0005 ppm.

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Notes:

(362) Trans-1,2-DCE at 0.0018 ppm; 1,1-DCA detected at a concentration below the reporting limit of 0.0005 ppm. Freon 113 was detected below the reporting limit of 0.005 ppm.
(363) Trans-1,2-DCE at 0.0006 ppm. 1,1-DCE, 1,1-DCA, 1,2-DCA, chloroform, and PCE were detected below the reporting limit of 0.0005 ppm.
(364) Trans-1,2-DCE at 0.006 ppm.
(365) Trans-1,2-DCE was detected at a concentration less than the reporting limit of 0.0005 ppm. Freon 113 was detected below the reporting limit of 0.005 ppm.
(366) Trans-1,2-DCE at 0.0021 ppm. Freon 113 was detected at a concentration less than the reporting limit of 0.017 ppm.
(367) PCE was detected below the reporting limit of 0.0005 ppm.
(368) Trans-1,2-DCE at 0.0008 ppm. PCE was detected below the reporting limit of 0.0005 ppm.
(369) Trans-1,2-DCE at 0.0039 ppm.
(370) Trans-1,2-DCE at 0.0025 ppm; 1,2-DCA at 0.0009 ppm. 1,1-DCA and TCE detected at concentrations below the reporting limit of 0.0005 ppm.
(371) 1,1-DCE detected below the reporting limit of 0.0005 ppm.
(372) 1,2-DCB at 0.0054 ppm and trans-1,2-DCE at 0.0083 ppm.
(373) TCE and cis-1,2-DCE detected below the reporting limit of 0.0005 ppm.
(374) Vinyl chloride, trans-1,2-DCE, chloroform were detected below the reporting limit of 0.0005 ppm.
(375) PCE was detected below the reporting limit of 0.0005 ppm.
(376) Trans-1,2-DCE at 0.0027 ppm. Vinyl chloride was detected below the reporting limit of 0.0005 ppm.
(377) Trans-1,2-DCE at 0.0025 ppm. Vinyl chloride was detected below the reporting limit of 0.0005 ppm.
(378) 1,2-DCB at 0.0008 ppm and trans-1,2-DCE at 0.0007 ppm.
(379) 1,2-DCB at 0.0078 ppm and trans-1,2-DCE at 0.0079 ppm.
(380) Trans-1,2-DCE at 0.0027 ppm. 1,1-DCE and 1,2-DCB were detected below the reporting limit of 0.0008 ppm.
(381) Trans-1,2-DCE at 0.0025 ppm. 1,1-DCE and 1,2-DCB were detected below the reporting limit of 0.001 ppm.
(382) Trans-1,2-DCE at 0.0016 ppm. Vinyl chloride, 1,1-DCE and 1,2-DCB were detected below the reporting limit of 0.0005 ppm.
(383) Trans-1,2-DCE was detected at a concentration less than the reporting limit of 0.0036 ppm.
(384) Trans-1,2-DCE at 0.0046 ppm. Freon 113 was detected at a concentration less than the reporting limit of 0.010 ppm.
(385) 1,1-DCE, 1,1-DCA, and PCE were detected below the reporting limit of 0.0007 ppm.
(386) Trans-1,2-DCE at 0.0039 ppm.
(387) Trans-1,2-DCE was detected at a concentration less than the reporting limit of 0.0031 ppm.
(388) Trans-1,2-DCE at 0.0044 ppm.
(389) Freon 113 was detected at a concentration less than the reporting limit of 0.005 ppm.
(390) Trans-1,2-DCE at 0.0017 ppm. 1,1-DCE was detected at a concentration less than the reporting limit of 0.008 ppm.
(391) 1,2-DCB at 0.0075 and trans-1,2-DCE at 0.0077 ppm. Vinyl chloride was detected below the reporting limit of 0.010 ppm
(392) Trans-1,2-DCE at 0.0015 ppm. Vinyl chloride, 1,1-DCE, and 1,2-DCA were detected below the reporting limit o
0.0005 ppm.
(393) Chloroform, trans-1,2-DCE, and 1,1,1-TCA were detected below the reporting limit of 0.0005 ppm.
(394) Vinyl chloride, 1,1-DCE, and trans-1,2-DCE were detected below the reporting limit of 0.0005 ppm.
(395) Trans-1,2-DCE at 0.0014 ppm. Vinyl chloride, 1,1-DCE, and 1,2-DCA were detected below the reporting limit of 0.0005 ppm
(396) Trans-1,2-DCE at 0.0013 ppm. Vinyl chloride, 1,1-DCE, and 1,2-DCA were detected below the reporting limit of 0.0005 ppm
(397) Vinyl chloride, trans-1,2-DCE, and 1,1,1-TCA were detected below the reporting limit of 0.0005 ppm.
(398) Vinyl chloride and trans-1,2-DCE were detected below the reporting limit of 0.0005 ppm.
(399) 1,2-DCB at 0.013 and trans-1,2-DCE at 0.0064 ppm. Vinyl chloride was detected below the reporting limit of 0.010 ppm
(400) Trans-1,2-DCE at 0.0039 ppm. 1,1-DCE detected below the reporting limit of 0.0017 ppm.
(401) 1,2-DCB at 0.0068 ppm and trans-1,2-DCE at 0.0094 ppm.
(402) Trans-1,2-DCE at 0.0034 ppm. 1,2-DCB detected below the reporting limit of 0.0013 ppm.
(403) Trans-1,2-DCE at 0.0037 ppm. 1,1-DCE detected below the reporting limit of 0.0013 ppm.
(404) Trans-1,2-DCE at 0.0041 ppm.
(405) Trans-1,2-DCE at 0.0021 ppm. 1,1-DCE and PCE were below the reporting limit of 0.001 ppm.
(406) Trans-1,2-DCE at 0.0015 ppm. Vinyl chloride was detected below the reporting limit of 0.0007 ppm.
(407) 1,2-DCB at 0.0006 and trans-1,2-DCE at 0.0005 ppm. Vinyl chloride was detected below the reporting limit of 0.0005 ppm
(408) Trans-1,2-DCE at 0.0014 ppm. Vinyl chloride was detected below the reporting limit of 0.0005 ppm.
(409) Trans-1,2-DCE at 0.0020 ppm;1,2-DCA at 0.0011 ppm. 1,1-DCA detected below the reporting limit of 0.0005 ppm.
(410) Trans-1,2-DCE at 0.0069 ppm. Vinyl chloride and PCE were detected below the reporting limit of 0.002 ppm.
(411) Trans-1,2-DCE, chloroform, 1,2-DCA, and PCE were detected below the reporting limit of 0.0005 ppm
(412) Trans-1,2-DCE at 0.0053 ppm.
(413) Freon 113 was detected at a concentration less than the reporting limit of 0.005 ppm.
(414) Freon 113 was detected at a concentration less than the reporting limit of 0.005 ppm.
(415) Trans-1,2-DCE at 0.0027 ppm. 1,1-DCE and PCE were detected at concentrations less than the reporting limit of 0.001 ppm.
(416) 1,1-DCE was detected at a concentration less than the reporting limit of 0.002 ppm
(417) 1,1-DCE was detected at a concentration less than the reporting limit of 0.002 ppm
(418) 1,2-DCB at 0.015 ppm; trans-1,2-DCE at 0.0076 ppm.
(419) 1,2-DCB at 0.0098 ppm; trans-1,2-DCE at 0.0088 ppm.
(420) Trans-1,2-DCE was detected at a concentration less than the reporting limit of 0.002 ppm
(421) Trans-1,2-DCE at 0.0028 ppm; 1,1-DCE was detected at a concentration less than the reporting limit of 0.0013 ppm
(422) Trans-1,2-DCE was detected at a concentration less than the reporting limit of 0.0036 ppm
(423) Trans-1,2-DCE at 0.0033 ppm; chloroform was detected at a concentration less than the reporting limit of 0.002 ppm
(424) Trans-1,2-DCE at 0.0021 ppm; PCE was detected at a concentration less than the reporting limit of 0.002 ppm
(425) Trans-1,2-DCE and 1,1,1-TCA were detected at concentrations less than the reporting limit of 0.0005 ppm
(426) Trans-1,2-DCE was detected at a concentration less than the reporting limit of 0.0010 ppm
(427) Trans-1,2-DCE and Freon 113 were detected at concentrations less than the reporting limits of 0.0020 ppm and 0.020 ppm, respectively.
(428) Trans-1,2-DCE at 0.0012 ppm; Vinyl Chloride and 1,1-DCE were detected at a concentration less than the reporting limit

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Notes:

of 0.0005 ppm.
(429) Trans-1,2-DCE at 0.0067 ppm.
(430) Trans-1,2-DCE was detected at a concentration less than the reporting limit of 0.0063 ppm
(431) Trans-1,2-DCE at 0.0052 ppm; 1,1-DCE and PCE were detected at a concentration below the reporting limit of 0.0017 ppm.
(432) Trans-1,2-DCE, 1,1-DCE, and vinyl chloride were detected at concentrations less than the reporting limit of 0.0005 ppm
(433) E-16 was buried and could not be located for sample collection
(434) Vinyl chloride and 1,1-DCA were detected at a concentration less than the reporting limit of 0.0005 ppm
(435) Freon 113 and 1,1-DCA were detected at concentrations less than the reporting limits of 0.0050 ppm and 0.0005 ppm, respectively.
(436) Trans-1,2-DCE at 0.0028 ppm; 1,2-DCA was detected at a concentration less than the reporting limit of 0.0005 ppm
(437) Trans-1,2-DCE at 0.0016 ppm.
(438) 1,2-Dichloroethane at 0.0009 ppm.
(439) Trans-1,2-DCE was detected at a concentration less than the reporting limit of 0.0005 ppm
(440) Trans-1,2-DCE at 0.0096 ppm.
(441) Trans-1,2-DCE at 0.0078 ppm; 1,2-Dichlorobenzene at 0.0074 ppm
(442) Trans-1,2-DCE at 0.0120 ppm; 1,2-Dichlorobenzene at 0.0075 ppm
(443) Trans-1,2-DCE at 0.0027 ppm.
(444) Trans-1,2-DCE at 0.0023; 1,2-Dichlorobenzene was detected at a concentration less than the reporting limit of 0.0020 ppm
(445) Trans-1,2-DCE at 0.0033 ppm.
(446) Trans-1,2-DCE was detected at a concentration less than the reporting limit of 0.0031 ppm
(447) Trans-1,2-DCE at 0.0022 ppm.
(448) Trans-1,2-DCE was detected at a concentration below the reporting limit of 0.0025 ppm
(449) Trans-1,2-DCE at 0.0005 ppm.
(450) Trans-1,2-DCE at 0.0009 ppm.
(451) Trans-1,2-DCE at 0.0012 ppm.
(452) Trans-1,2-DCE at 0.0027 ppm; 1,2-DCA at 0.0011 ppm.
(453) Trans-1,2-DCE at 0.0064 ppm.
(454) Trans-1,2-DCE was detected at a concentration equal to the reporting limit of 0.0005 ppm
(455) E-16 is buried and could not be located for sample collection
(456) Trans-1,2-DCE at 0.0087 ppm.
(457) Trans-1,2-DCE was detected at a concentration below the reporting limit of 0.0005 ppm
(458) 1,2-DCA was detected at a concentration below the reporting limit of 0.0005 ppm
(459) Trans-1,2-DCE at 0.0063 ppm; 1,2-Dichlorobenzene at 0.0063 ppm
(460) Trans-1,2-DCE at 0.0094 ppm; 1,2-Dichlorobenzene at 0.0067 ppm
(461) Trans-1,2-DCE at 0.0023 ppm.
(462) Trans-1,2-DCE at 0.0021 ppm.
(463) Trans-1,2-DCE at 0.0009 ppm.
(464) Trans-1,2-DCE at 0.0003 ppm.
(465) Trans-1,2-DCE was detected at a concentration below the reporting limit of 0.0005 ppm
(466) Trans-1,2-DCE was detected at a concentration below the reporting limit of 0.0005 ppm
(467) Trans-1,2-DCE at 0.0020 ppm.
(468) Trans-1,2-DCE at 0.0030 ppm
(469) Trans-1,2-DCE at 0.0023 ppm.
(470) Trans-1,2-DCE at 0.0012 ppm.
(471) Trans-1,2-DCE at 0.0021 ppm.
(472) Trans-1,2-DCE was detected at a concentration below the reporting limit of 0.0005 ppm
(473) Trans-1,2-DCE at 0.0013 ppm.
(474) Trans-1,2-DCE at 0.0012 ppm.
(475) Trans-1,2-DCE was detected at a concentration below the reporting limit of 0.0036 ppm
(476) Trans-1,2-DCE at 0.0042 ppm.
(477) Trans-1,2-DCE at 0.0069 ppm.
(478) Trans-1,2-DCE was detected at a concentration below the reporting limit of 0.0005 ppm
(479) Trans-1,2-DCE was detected at a concentration below the reporting limit of 0.0005 ppm
(480) E-16 is buried and could not be located for sample collection
(481) Trans-1,2-DCE was detected at a concentration below the reporting limit of 0.0010 ppm
(482) Trans-1,2-DCE at 0.011 ppm; 1-2 Dichlorobenzene at 0.015 ppm
(483) Trans-1,2-DCE at 0.0099 ppm; 1,2-Dichlorobenzene at 0.0090 ppm
(484) Trans-1,2-DCE at 0.0022 ppm; 1,2-Dichlorobenzene was detected at a concentration below the reporting limit of 0.0017 ppm.
(485) Trans-1,2-DCE at 0.0031 ppm.
(486) Trans-1,2-DCE at 0.0016 ppm.
(487) Trans-1,2-DCE at 0.0020 ppm.
(488) Trans-1,2-DCE at 0.0029 ppm.
(489) Trans-1,2-DCE was detected at a concentration below the reporting limit of 0.0005 ppm
(490) Trans-1,2-DCE at 0.0005 ppm.
(491) Trans-1,2-DCE at 0.0006 ppm.
(492) Trans-1,2-DCE at 0.0012 ppm.
(493) Trans-1,2-DCE at 0.0010 ppm.
(494) Trans-1,2-DCE at 0.0099 ppm.
(495) Trans-1,2-DCE at 0.0044 ppm.
(496) Trans-1,2-DCE was detected at a concentration below the reporting limit of 0.0005 ppm
(497) E-16 is buried and could not be located for sample collection

Table 3-5
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Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
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Notes:

(498) Trans-1,2-DCE at 0.0072 ppm.
(499) Trans-1,2-DCE was detected at a concentration below the reporting limit of 0.0005 ppm
(500) Trans-1,2-DCE at 0.025 ppm.
(501) Trans-1,2-DCE at 0.0030 ppm.
(502) Trans-1,2-DCE at 0.0075 ppm; 1,2-Dichlorobenzene at 0.014 ppm
(503) Trans-1,2-DCE at 0.0091 ppm; 1,2-Dichlorobenzene at 0.0078 ppm

(504) Trans-1,2-DCE at 0.0024 ppm; 1,2-Dichlorobenzene was detected at a concentration below the reporting limit of 0.0013 ppm.
(505) Trans-1,2-DCE at 0.0034 ppm.
(506) Trans-1,2-DCE at 0.0019 ppm.
(507) Trans-1,2-DCE at 0.0027 ppm.
(508) Trans-1,2-DCE at 0.0023 ppm.
(509) Trans-1,2-DCE at 0.0013 ppm.
(510) Trans-1,2-DCE was detected at a concentration below the reporting limit of 0.0005 ppm

Table 3-5
Historical Water-Quality Data for Off-Property Wells
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Notes:

(511) Trans-1,2-DCE was detected at a concentration below the reporting limit of 0.0013 ppm
(512) Trans-1,2-DCE at 0.0009 ppm.
(513) Trans-1,2-DCE at 0.0012 ppm.
(514) Trans-1,2-DCE was detected at a concentration below the reporting limit of 0.0036 ppm
(515) Trans-1,2-DCE at 0.0049 ppm.
(516) Trans-1,2-DCE was detected at a concentration below the reporting limit of 0.0005 ppm
(517) E-16 is buried and could not be located for sample collection
(518) Trans-1,2-DCE at 0.0048 ppm.
(519) Trans-1,2-DCE was detected at a concentration below the reporting limit of 0.0005 ppm
(520) Trans-1,2-DCE was detected at a concentration equal to the reporting limit of 0.0005 ppm
(521) Trans-1,2-DCE at 0.0009 ppm.
(522) Trans-1,2-DCE at 0.0016 ppm.
(523) Trans-1,2-DCE at 0.0091 ppm; 1,2-DCB at 0.015 ppm.
(524) Trans-1,2-DCE at 0.0023 ppm; 1,2-DCB was detected below the reporting limit of 0.0013 ppm
(525) Trans-1,2-DCE at 0.0005 ppm; 1,2-DCB was detected below the reporting limit of 0.0005 ppm
(526) Trans-1,2-DCE at 0.010 ppm; 1,2-DCB at 0.0072 ppm.
(527) Trans-1,2-DCE at 0.0014 ppm.
(528) Trans-1,2-DCE at 0.0037 ppm.
(529) Trans-1,2-DCE at 0.0011 ppm.
(530) 1,2-DCA at 0.0010 ppm.
(531) Trans-1,2-DCE was detected at a concentration below the reporting limit of 0.0005 ppm
(532) Trans-1,2-DCE was detected at a concentration below the reporting limit of 0.0036 ppm
(533) Trans-1,2-DCE at 0.0054 ppm; 1,2-DCA at 0.0016 ppm.
(534) Trans-1,2-DCE at 0.0043 ppm.
(535) Trans-1,2-DCE at 0.0021 ppm; 1,2-DCA was detected below the reporting limit of 0.0010 ppm
(536) Trans-1,2-DCE at 0.0061 ppm.
(537) Trans-1,2-DCE at 0.0044 ppm.
(538) Trans-1,2-DCE at 0.0031 ppm.
(539) 1,2-DCA was detected below the reporting limit of 0.0005 ppm
(540) Trans-1,2-DCE at 0.0029 ppm.
(541) E-16 is buried and could not be located for sample collection
(542) Trans-1,2-DCE at 0.0057 ppm.
(543) Trans-1,2-DCE at 0.0075 ppm; 1,2 DCB at 0.0061 ppm.
(544) Trans-1,2-DCE at 0.0077 ppm; 1,2 DCB at 0.0064 ppm.
(545) Trans-1,2-DCE at 0.010 ppm; 1,2-DCB at 0.0051 ppm.
(546) Trans-1,2-DCE at 0.0036 ppm; 1,2-DCB was detected at a concentration below the reporting limit of 0.0013 ppm
(547) Trans-1,2-DCE at 0.0039 ppm.
(548) Trans-1,2-DCE was detected at a concentration below the reporting limit of 0.0036 ppm
(549) Trans-1,2-DCE at 0.0032 ppm.
(550) Trans-1,2-DCE at 0.0012 ppm.
(551) Trans-1,2-DCE was detected at a concentration below the reporting limit of 0.0005 ppm
(552) Trans-1,2-DCE at 0.0010 ppm; 1,2-DCB was detected at a concentration below the reporting limit of 0.0007 ppm
(553) Trans-1,2-DCE at 0.0009 ppm.
(554) Trans-1,2-DCE at 0.0011 ppm.
(555) Trans-1,2-DCE at 0.0017 ppm.
(556) Trans-1,2-DCE at 0.0058 ppm.
(557) Trans-1,2-DCE was detected at a concentration below the reporting limit of 0.0005 ppm
(558) Trans-1,2-DCE at 0.012 ppm; 1,2 DCB at 0.015 ppm.
(559) Trans-1,2-DCE at 0.012 ppm; 1,2 DCB at 0.0082 ppm.
(560) Trans-1,2-DCE at 0.0011 ppm.
(561) Trans-1,2-DCE at 0.0042 ppm.
(562) Trans-1,2-DCE at 0.0054 ppm.
(563) Trans-1,2-DCE at 0.0011 ppm.
(564) Trans-1,2-DCE at 0.0041 ppm.
(565) Trans-1,2-DCE at 0.0067 ppm.
(566) Trans-1,2-DCE was detected at a concentration below the reporting limit of 0.0042 ppm
(567) Trans-1,2-DCE at 0.0043 ppm.
(568) Trans-1,2-DCE was reported below the reporting limit of 0.0020 ppm
(569) Trans-1,2-DCE at 0.0047 ppm.
(570) Trans-1,2-DCE at 0.0043 ppm.
(571) Trans-1,2-DCE at 0.0046 ppm.
(572) Trans-1,2-DCE was detected at a concentration below the reporting limit of 0.0005 ppm
(573) Trans-1,2-DCE was detected at an estimated concentration of 0.0005 ppm
(574) Trans-1,2-DCE at 0.0010 ppm.
(575) 1,2-DCA was detected at a concentration below the reporting limit of 0.0005 ppm
(576) Trans-1,2-DCE at 0.0032 ppm.
(577) Trans-1,2-DCE at 0.010 ppm; 1,2-DCB at 0.015 ppm.
(578) Trans-1,2-DCE at 0.0088 ppm; 1,2-DCB at 0.0075 ppm.
(579) Trans-1,2-DCE at 0.0026 ppm; 1,2-DCB was detected below the reporting limit of 0.0020 ppm
(580) Trans-1,2-DCE at 0.0032 ppm.
(581) Trans-1,2-DCE was detected at an estimated concentration of 0.0031 ppm
(582) Trans-1,2-DCE at 0.0035 ppm.
(583) Trans-1,2-DCE at 0.0021 ppm.

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Notes:

(584) Bromodichloromethane at 0.0006 ppm.
(585) Trans-1,2-DCE was detected at an estimated concentration of 0.0005 ppm
(586) Trans-1,2-DCE at 0.0009 ppm.
(587) Trans-1,2-DCE at 0.0011 ppm.
(588) Trans-1,2-DCE was detected below the reporting limit of 0.0036 ppm
(589) Trans-1,2-DCE at 0.0054 ppm.
(590) Trans-1,2-DCE was detected below the reporting limit of 0.0005 ppm
(591) Trans-1,2-DCE at 0.0044 ppm.
(592) Trans-1,2-DCE at 0.0035 ppm; 1,2-DCB at an estimated concentration of 0.0010 ppm
(593) Trans-1,2-DCE at 0.0027 ppm.
(594) Trans-1,2-DCE at 0.013 ppm; 1,2 DCB at 0.0075 ppm.
(595) Trans-1,2-DCE at 0.0088 ppm; 1,2-DCB at 0.0041 ppm.
(596) Trans-1,2-DCE at 0.0011 ppm.
(597) Trans-1,2-DCE at 0.0024 ppm; 1,2-DCB at an estimated concentration of 0.0011 ppm
(598) Trans-1,2-DCE at 0.0028 ppm.
(599) 1,2-DCA at 0.0009 ppm.
(600) Trans-1,2-DCE at 0.0068 ppm; 1,2-DCA at an estimated concentration of 0.0018 ppm
(601) Trans-1,2-DCE was detected at an estimated concentration of 0.0005 ppm
(602) Trans-1,2-DCE at 0.0011 ppm.
(603) Trans-1,2-DCE at 0.0047 ppm.
(604) Trans-1,2-DCE at 0.0036 ppm.
(605) Trans-1,2-DCE at 0.0059 ppm.
(606) 1,2-DCA was detected below the reporting limit of 0.0005 ppm
(607) Trans-1,2-DCE at 0.0043 ppm.
(608) Trans-1,2-DCE at 0.0039 ppm.
(609) Trans-1,2-DCE at 0.0021 ppm.
(610) Trans-1,2-DCE was detected at an estimated concentration of 0.0005 ppm
(611) Trans-1,2-DCE was detected at an estimated concentration of 0.0006 ppm
(612) Trans-1,2-DCE at 0.0012 ppm.
(613) Trans-1,2-DCE was detected at an estimated concentration of 0.0005 ppm
(614) Trans-1,2-DCE was detected at an estimated concentration of 0.0004 ppm
(615) Trans-1,2-DCE at 0.0025 ppm.
(616) Trans-1,2-DCE at 0.0020 ppm.
(617) Trans-1,2-DCE was detected at an estimated concentration of 0.0029 ppm
(618) Trans-1,2-DCE at 0.0018 ppm.
(619) Trans-1,2-DCE at 0.0041 ppm.
(620) Trans-1,2-DCE at 0.012 ppm; 1,2-DCB at 0.014 ppm.
(621) Trans-1,2-DCE at 0.0026 ppm.
(622) Trans-1,2-DCE at 0.0028 ppm.
(623) Trans-1,2-DCE at 0.0007 ppm.
(624) Trans-1,2-DCE at 0.0041 ppm.
(625) Trans-1,2-DCE at 0.0028 ppm.; 1,2-DCB was detected at an estimated concentration of 0.001 ppm
(626) Trans-1,2-DCE at 0.001 ppm.
(627) Trans-1,2-DCE at 0.002 ppm.
(628) Trans-1,2-DCE was detected at an estimated concentration of 0.0006 ppm
(629) Trans-1,2-DCE at 0.0084 ppm; 1,2-DCB at 0.0046 ppm.
(630) Trans-1,2-DCE at 0.0078 ppm; 1,2-DCB at 0.0047 ppm.
(631) Trans-1,2-DCE at 0.010 ppm; 1,2-DCA was detected at an estimated concentration of 0.0013 ppm
(632) Trans-1,2-DCE at 0.0016 ppm
(633) 1,2-Dichloroethane at 0.0008 ppm.
(634) Trans-1,2-DCE was detected at an estimated concentration of 0.0004 ppm
(635) Bromomethane was detected at an estimated concentration of 0.0015 ppm
(636) Bromomethane was detected at an estimated concentration of 0.0019 ppm
(637) Trans-1,2-DCE at 0.0036 ppm
(638) Trans-1,2-DCE at 0.012 ppm; 1,2-DCB at 0.012 ppm.
(639) Trans-1,2-DCE at 0.0066 ppm; 1,2-DCB at 0.0032 ppm.
(640) Trans-1,2-DCE at 0.021 ppm; 1,2-DCB at an estimated concentration of 0.001 ppm
(641) Trans-1,2-DCE at 0.0047 ppm.
(642) Trans-1,2-DCE at 0.0023 ppm.
(643) Trans-1,2-DCE at 0.0031 ppm.
(644) Trans-1,2-DCE at 0.0046 ppm.
(645) Trans-1,2-DCE was detected at an estimated concentration of 0.0003 ppm
(646) Trans-1,2-DCE was detected at an estimated concentration of 0.0007 ppm
(647) Trans-1,2-DCE at 0.0009 ppm.
(648) Trans-1,2-DCE at 0.0007 ppm.
(649) Trans-1,2-DCE at 0.0024 ppm.
(650) Trans-1,2-DCE was detected at an estimated concentration of 0.0003 ppm
(651) Trans-1,2-DCE at 0.0045 ppm.
(652) Trans-1,2-DCE was detected at an estimated concentration of 0.0003 ppm
(653) Trans-1,2-DCE was detected at an estimated concentration of 0.0005 ppm
(654) 1,2-DCA at 0.0007 ppm.
(655) Trans-1,2-DCE at 0.0022 ppm.
(656) Trans-1,2-DCE at 0.0032 ppm.
(657) Trans-1,2-DCE was dectected at an estimated concentration of 0.0006 ppm

Table 3-5
Historical Water-Quality Data for Off-Property Wells
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Notes:

(658) Trans-1,2-DCE at 0.014 ppm; 1,2-DCB at 0.012 ppm.
(659) Trans-1,2-DCE at 0.0092 ppm; 1,2-DCB at 0.0066 ppm.
(660) Trans-1,2-DCE at 0.0013 ppm.
(661) Trans-1,2-DCE at 0.004 ppm.
(662) Trans-1,2-DCE at 0.0006 ppm.
(663) Trans-1,2-DCE at 0.0029 ppm.
(664) Trans-1,2-DCE at 0.0032 ppm; 1,2-DCB at 0.001 ppm.
(665) Trans-1,2-DCE at 0.001 ppm.
(666) Trans-1,2-DCE at 0.0025 ppm.
(667) Trans-1,2-DCE at 0.0005 ppm.
(668) Methylene Chloride at 0.0079 ppm
(669) Methylene Chloride at 0.0083 ppm
(670) Trans-1,2-DCE was detected at an estimated concentration of 0.0033 ppm
(671) Trans-1,2-DCE at 0.007 ppm.
(672) Trans-1,2-DCE at 0.0056 ppm
(673) Trans-1,2-DCE at 0.0054 ppm.
(674) Trans-1,2-DCE was detected at an estimated concentration of 0.0003 ppm
(675) Trans-1,2-DCE at 0.0026 ppm.
(676) Trans-1,2-DCE at 0.0024 ppm.
(677) Methylene Chloride at 0.0074 ppm
(678) Methylene Chloride at 0.008 ppm
(679) Trans-1,2 DCE at 0.0075 ppm; 1,2-DCA at an estimated concentration of 0.0014 ppm
(680) 1,2-DCA at 0.0005 ppm.
(681) Trans-1,2-DCE at 0.0014 ppm.
(682) 1,2-Dichloroethane at 0.0008 ppm.
(683) Trans-1,2-DCE was detected at an estimated concentration of 0.0004 ppm
(684) 1,2-DCA was detected at an estimated concentration of 0.0003 ppm
(685) Trans-1,2-DCE was detected at an estimated concentration of 0.0005 ppm
(686) Trans-1,2-DCE was detected at an estimated concentration of 0.0003 ppm
(687) Trans-1,2-DCE at 0.0074 ppm.
(688) Trans-1,2-DCE at 0.013ppm; 1.2-DCB at 0.014 ppm.
(689) 1,2-DCB at 0.0036 ppm.
(690) Trans-1,2-DCE at 0.002 ppm; 1,2-DCB at an estimated concentration of 0.0009 ppm
(691) Trans-1,2-DCE at 0.0037; 1,2-DCB at an estimated concentration of 0.0007 ppm
(692) Trans-1,2-DCE at 0.002 ppm.
(693) Trans-1,2-DCE at 0.0013 ppm.
(694) Trans-1,2-DCE at 0.0018 ppm.
(695) Trans-1,2-DCE at 0.0006 ppm.
(696) Trans-1,2-DCE at 0.001 ppm.
(697) Trans-1,2-DCE at 0.0009 ppm.
(698) Trans-1,2-DCE was detected at an estimated concentration of 0.0024 ppm
(699) Trans-1,2-DCE at 0.0041 ppm.
(700) Trans-1,2-DCE at 0.0042 ppm.
(701) Trans-1,2-DCE was detected at an estimated concentration of 0.0004 ppm
(702) Trans-1,2-DCE at 0.0061 ppm.
(703) Trans-1,2-DCE was detected at an estimated concentration of 0.0004 ppm
(704) Trans-1,2-DCE was detected at an estimated concentration of 0.0004 ppm
(705) Trans-1,2-DCE was detected at an estimated concentration of 0.0003 ppm
(706) Trans-1,2-DCE was detected at an estimated concentration of 0.0004 ppm
(707) Trans-1,2-DCE at 0.0067 ppm; 1,2-DCB at 0.0070 ppm.
(708) Trans-1,2-DCE at 0.0022 ppm.
(709) Trans-1,2-DCE at 0.0049 ppm.
(710) Trans-1,2-DCE at 0.0012 ppm.
(711) Trans-1,2-DCE was detected at an estimated concentration of 0.0011 ppm
(712) Trans-1,2-DCE at 0.0025 ppm.
(713) Trans-1,2-DCE at 0.0008 ppm.
(714) Trans-1,2-DCE at 0.0006 ppm.
(715) Trans-1,2-DCE at 0.0022 ppm.
(716) Trans-1,2-DCE at 0.014 ppm; 1,2-DCB at 0.010 ppm.
(717) Trans-1,2-DCE at 0.0021 ppm; 1,2-DCB was detected at an estimated concentration of 0.0008 ppm
(718) Trans-1,2-DCE at 0.0033 ppm.
(719) Trans-1,2-DCE at 0.0014 ppm.
(720) Trans-1,2-DCE was detected at an estimated concentration of 0.0003 ppm
(721) 1,2-DCE was detected at an estimated concentration of 0.0004 ppm
(722) Trans-1,2-DCE at 0.0007 ppm.
(723) Trans-1,2-DCE at 0.0007 ppm.
(724) Trans-1,2-DCE was detected at an estimated concentration of 0.0005 ppm
(725) Trans-1,2-DCE at 0.0066 ppm.
(726) 1,2-DCA was detected at an estimated concentration of 0.0004 ppm
(727) Trans-1,2-DCE was detected at an estimated concentration of 0.0028 ppm
(728) 1,2-DCA at 0.0014 ppm; Trans-1,2-DCE at 0.008 ppm.
(729) Trans-1,2-DCE at 0.0015 ppm.
(730) 1,2-DCA at 0.0008 ppm.
(731) 1,2-DCA was detected at an estimated concentration of 0.0003 ppm
(732) Trans-1,2-DCE at 0.010 ppm.

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Notes:

(733) Trans-1,2-DCE at 0.020 ppm; 1,2-DCB at 0.012 ppm.
(734) Trans-1,2-DCE at 0.012 ppm; 1,2-DCB at 0.0065 ppm.
(735) Trans-1,2-DCE at 0.0040 ppm; 1,2-DCB was detected at an estimated concentration of 0.001 ppm
(736) Trans-1,2-DCE at 0.0039 ppm; 1,2-DCB was detected at an estimated concentration of 0.0009 ppm
(737) Trans-1,2-DCE at 0.0078 ppm.
(738) Trans-1,2-DCE at 0.0024 ppm.
(739) Trans-1,2-DCE at 0.0008 ppm.
(740) Trans-1,2-DCE at 0.0030 ppm.
(741) Trans-1,2-DCE at 0.0006 ppm.
(742) Trans-1,2-DCE at 0.0021 ppm.
(743) Trans-1,2-DCE at 0.0010 ppm.
(744) Trans-1,2-DCE at 0.0010 ppm.
(745) Trans-1,2-DCE at 0.0034 ppm.
(746) Trans-1,2-DCE was detected at an estimated concentration of 0.0003 ppm
(747) Trans-1,2-DCE at 0.0075 ppm.
(748) Trans-1,2-DCE at 0.016 ppm; 1,2-DCB at 0.011 ppm.
(749) Trans-1,2-DCE at 0.0083 ppm; 1,2-DCB at 0.0056 ppm.
(750) Trans-1,2-DCE at 0.009 ppm; 1,2-DCB at 0.0071 ppm.
(751) Trans-1,2-DCE at 0.0025 ppm; 1,2-DCB was detected at an estimated concentration of 0.0009 ppm
(752) Trans-1,2-DCE at 0.0032 ppm.
(753) Trans-1,2-DCE at 0.0016 ppm.
(754) Trans-1,2-DCE at 0.0043 ppm.
(755) Trans-1,2-DCE at 0.0022 ppm.
(756) Trans-1,2-DCE was detected at an estimated concentration of 0.0005 ppm
(757) Trans-1,2-DCE was detected at an estimated concentration of 0.0005 ppm
(758) Trans-1,2-DCE at 0.0008 ppm.
(759) Trans-1,2-DCE at 0.0009 ppm.
(760) Trans-1,2-DCE was detected at an estimated concentration of 0.0027 ppm
(761) Trans-1,2-DCE at 0.0041 ppm.
(762) Trans-1,2-DCE was detected at an estimated concentration of 0.0003 ppm
(763) Trans-1,2-DCE at 0.0049 ppm.
(764) Trans-1,2-DCE at 0.0075 ppm; 1,2-DCA at 0.0016 ppm.
(765) Trans-1,2-DCE at 0.0015 ppm.
(766) Trans-1,2-DCE at 0.0014 ppm.
(767) Trans-1,2-DCE at 0.0006 ppm.
(768) 1,2-DCA at 0.0008 ppm.
(769) Trans-1,2-DCE was detected at an estimated concentration of 0.0003 ppm
(770) 1,2-DCA was detected at an estimated concentration of 0.0003 ppm
(771) 1,2-DCA was detected at an estimated concentration of 0.0003 ppm
(772) Trans-1,2-DCE was detected at an estimated concentration of 0.0004 ppm
(773) Trans-1,2-DCE was detected at an estimated concentration of 0.0003 ppm
(774) Trans-1,2-DCE at 0.0058 ppm.
(775) Trans-1,2-DCE at 0.017 ppm; 1,2-DCB at 0.0043 ppm.
(776) Trans-1,2-DCE at 0.008 ppm; 1,2-DCB at 0.0058 ppm.
(777) Trans-1,2-DCE was detected at an estimated concentration of 0.001 ppm
(778) Trans-1,2-DCE at 0.002 ppm; 1,2-DCB at 0.0008 ppm.
(779) Trans-1,2-DCE at 0.0038 ppm; 1,2-DCB was detected at an estimated concentration of 0.0004 ppm
(780) Trans-1,2-DCE at 0.0022 ppm; 1,2-DCA at 0.0008 ppm.
(781) Trans-1,2-DCE at 0.0017 ppm; 1,2-DCB was detected at an estimated concentration of 0.0008 ppm
(782) Trans-1,2-DCE at 0.0026 ppm.
(783) Trans-1,2-DCE at 0.0007 ppm.
(784) Trans-1,2-DCE at 0.0009 ppm; Freon 12 was detected at an estimated concentration of 0.0008 ppm
(785) Trans-1,2-DCE at 0.0009 ppm.
(786) Trans-1,2-DCE at 0.0077 ppm.
(787) Trans-1,2-DCE at 0.0043 ppm.
(788) Trans-1,2-DCE was detected at an estimated concentration of 0.0003 ppm
(789) Trans-1,2-DCE at 0.005 ppm.
(790) Trans-1,2-DCE was detected at an estimated concentration of 0.0003 ppm
(791) Trans-1,2-DCE at 0.0058 ppm.
(792) Trans-1,2-DCE at 0.019 ppm; 1,2-DCB at 0.0086 ppm.
(793) Trans-1,2-DCE at 0.0077 ppm; 1,2-DCB at 0.0054 ppm.
(794) Trans-1,2-DCE at 0.0025 ppm; 1,2-DCB was detected at an estimated concentration of 0.0009 ppm
(795) Trans-1,2-DCE at 0.0031 ppm.
(796) Trans-1,2-DCE at 0.0016 ppm.
(797) Trans-1,2-DCE at 0.0017 ppm.
(798) Trans-1,2-DCE at 0.0024 ppm.
(799) Trans-1,2-DCE at 0.0026 ppm.
(800) Trans-1,2-DCE at 0.0008 ppm.
(801) Trans-1,2-DCE at 0.0005 ppm.
(802) Trans-1,2-DCE at 0.0010 ppm.
(803) Trans-1,2-DCE at 0.0008 ppm.
(804) Trans-1,2-DCE at 0.0028 ppm.
(805) Trans-1,2-DCE at 0.0032 ppm.
(806) Trans-1,2-DCE at 0.0010 ppm.
(807) Trans-1,2-DCE at 0.0050 ppm.

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Notes:

(808)1,1,2-Trichloro-1,2,2-Trifluoroethane at 0.0005 ppm
(809) Trans-1,2-DCE at 0.0084 ppm; 1,2-DCA at 0.0012ppm; carbon sulfide at 0.0020ppm; chlorobenzene was detected at an estimated concentration of 0.0002 ppm; 1,1,2-Trichloro-1,2,2-Trifluoroethane at 0.0008 ppm; MTBE at 0.0006ppm.
(810)1,1,2-Trichloro-1,2,2-Trifluoroethane at 0.0009 ppm
(811)1,2-DCA was detected at an estimated concentration of 0.0003 ppm; methylene chloride was detected at an estimatec concentration of 0.0006 ppm; MTBE was detected at an estimated concentration of 0.0003 ppm.
(812)1,2-DCA was detected at an estimated concentration of 0.0002 ppm; 1,1,2-Trichloro-1,2,2-Trifluoroethane at 0.0010 ppm; MTBE at 0.0012 ppm.
(813) Trans-1,2-DCE at 0.0014 ppm.
(814) Trans-1,2-DCE at 0.0007 ppm.
(815)1,2-DCA was detected at an estimated concentration of 0.0007 ppm; 1,1,2-Trichloro-1,2,2-Trifluoroethane was detected at ar estimated concentration of 0.0004 ppm; MTBE was detected at an estimated concentration of 0.0004 ppm.
(816) 1,2-DCA was detected at an estimated concentration of 0.0001 ppm; MTBE was detected at an estimated concentration ol 0.0002 ppm.
(817) 1,2-DCA was detected at an estimated concentration of 0.0003 ppm; 1,1,2-Trichloro-1,2,2-Trifluoroethane at 0.0013 ppm; MTBE at 0.0006 ppm.
(818) Methylene chloride was detected at an estimated concentration of 0.0004 ppm; 4-Methyl-2-Pentanone was detected at ai estimated concentration of 0.0010 ppm.
(819)1,2-DCA was detected at an estimated concentration of 0.0001 ppm; MTBE was detected at an estimated concentration of 0.0004 ppm.
(820) MTBE was detected at an estimated concentration of 0.0003 ppm
(821) MTBE was detected at an estimated concentration of 0.0003 ppm
(822) Trans-1,2-DCE was detected at an estimated concentration of 0.0003 ppm
(823) 1,2-DCA was detected at an estimated concentration of 0.0001 ppm
(824) 1,2-DCA was detected at an estimated concentration of 0.0001 ppm
(825) 4-Methyl-2-Pentanone was detected at an estimated concentration of 0.0005 ppm
(826) Trans-1,2-DCE at 0.0053 ppm.
(827) Trans-1,2-DCE at 0.019 ppm; 1,2-DCB at 0.0077 ppm.
(828) Trans-1,2-DCE at 0.0089 ppm; 1,2-DCB at 0.0069 ppm.
(829) Trans-1,2-DCE at 0.0021 ppm; 1,2-DCB was detected at an estimated concentration of 0.0009 ppm
(830) Trans-1,2-DCE at 0.0032 ppm; 1,2-DCB at 0.0006 ppm.
(831) Trans-1,2-DCE at 0.0020 ppm; MTBE was detected at an estimated concentration of 0.0004 ppm
(832) Trans-1,2-DCE at0.0032 ppm; 1,2-DCA was detected at an estimated concentration of 0.0001 ppm; 1,1,2-trichloro-1,2,2 trifluoroethane at 0.0015 ppm; MTBE was detected at an estimated concentration of 0.0003 ppm.
(833) Trans-1,2-DCE at 0.0025 ppm.
(834) Trans-1,2-DCE at 0.0009 ppm.
(835) Trans-1,2-DCE was detected at an estimated concetration of 0.0004 ppm
(836) Trans-1,2-DCE at 0.0008 ppm.
(837) Trans-1,2-DCE at 0.0008 ppm; MTBE at 0.0005 ppm.
(838) Trans-1,2-DCE at 0.0008 ppm; MTBE at 0.0005 ppm.
(839) Carbon disulfide at 0.0016 ppm; chlorobenzene was detected at an estimated concentration of 0.0001 ppm; trans-1,2-DCE a 0.0077 ppm; 1,2-DCA at 0.0011 ppm; 1,1,2-trichloro-1,2,2-trifluoroethane at 0.0007 ppm; MTBE at 0.0006 ppm.
(840) Trans-1,2-DCE at 0.0046 ppm.
(841) Trans-1,2-DCE at 0.0005 ppm; MTBE was detected at an estimated concentration of 0.0002 ppm
(842) Trans-1,2-DCE at 0.0054 ppm.
(843) Trans-1,2-DCE at 0.0038 ppm.
(844) Trans-1,2-DCE at 0.0012 ppm; 1,2-DCB at 0.0081 ppm.
(845) Trans-1,2-DCE at 0.0055 ppm; 1,2-DCB at 0.0068 ppm.
(846) Trans-1,2-DCE at 0.0041 ppm.
(847) Trans-1,2-DCE at 0.0029 ppm; 1,2-DCB was detected at an estimated concentration of 0.0011 ppm
(848) Trans-1,2-DCE at 0.0017 ppm.
(849) Trans-1,2-DCE at 0.0017 ppm.
(850) Trans-1,2-DCE was detected at an estimated concentration of 0.0022 ppm
(851) Trans-1,2-DCE was detected at an estimated concentration of 0.0025 ppm
(852) Trans-1,2-DCE at 0.0008 ppm.
(853) Trans-1,2-DCE at 0.0009 ppm.
(854) Trans-1,2-DCE at 0.0008 ppm.
(855) Trans-1,2-DCE was detected at an estimated concentration of 0.0023 ppm
(856) Trans-1,2-DCE was detected at an estimated concentration of 0.0029 ppm
(857) Trans-1,2-DCE was detected at an estimated concentration of 0.0003 ppm
(858) Trans-1,2-DCE was detected at an estimated concentration of 0.0037 ppm
(859) Trifluoromethane=0.0056 ppm; Trans-1,2-DCE was detected at an estimated concentration of 0.0003 ppm
(860) Trans-1,2 DCE 0.0053; 1,2-DCA 0.0009.
(861) 1,2-DCA was detected at an estimated concentration of 0.0003 ppm
(862) Trans-1,2-DCE at 0.0017 ppm.
(863) Trans-1,2-DCE at 0.0023 ppm.
(864) Trans-1,2-DCE at 0.0009 ppm.
(865) 1,2-DCA at 0.0009 ppm.
(866) Trans-1,2-DCE was detected at an estimated concentration of 0.0003 ppm
(867) Trans-1,2-DCE was detected at an estimated concentration of 0.0004 ppm
(868) Trans-1,2-DCE at 0.014 ppm.
(869) Trans-1,2-DCE = 0.018 ppm; 1,2-DCB = 0.0094 ppm.
(870) Trans-1,2-DCE 0.0092 ppm; 1,2-DCB 0.0076ppm.
(871) Trans-1,2-DCE = 0.0052; 1,2-DCB was detected at an estimated concentration of 0.0011 ppm
(872) Trans-1,2-DCE at 0.0037 ppm.
(873) Trans-1,2-DCE = 0.0021 ppm; 1,2- DCA was detected at an estimated concentration of 0.0008 ppm

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Notes:

(874) Trans-1,2-DCE was detected at an estimated concentration of 0.0019 ppm
(875) Trans-1,2-DCE at 0.0032 ppm.
(876) Trans-1,2-DCE at 0.0013 ppm.
(877) Trans-1,2-DCE at 0.0011 ppm.
(878) Trans-1,2-DCE at 0.0010 ppm.
(879) Trans-1,2-DCE at 0.0008 ppm.
(880) Trans-1,2-DCE at 0.0042 ppm.
(881) Trans-1,2-DCE at 0.0073 ppm.
(882) Trans-1,2-DCE at 0.0006 ppm.
(883) Trans-1,2-DCE at 0.0058 ppm.
(884) Trans-1,2-DCE at 0.0041 ppm.
(885) Trans-1,2-DCE 0.011 ppm; 1,2-DCB 0.0079ppm.
(886) Trans-1,2-DCE 0.0072 ppm; 1,2-DCB 0.0070ppm.
(887) Trans-1,2-DCE = 0.0022; 1,2-DCB was detected at an estimated concentration of 0.0010 ppm.
(888) Trans-1,2-DCE at 0.0014 ppm.
(889) Trans-1,2-DCE was detected at an estimated concentration of 0.0009 ppm.
(890) Trans-1,2-DCE at 0.0019 ppm.
(891) Trans-1,2-DCE at 0.0017 ppm.
(892) Trans-1,2-DCE was detected at an estimated concentration of 0.0003 ppm.
(893) Trans-1,2-DCE at 0.0006 ppm.
(894) Trans-1,2-DCE = 0.0008; MTBE was detected at an estimated concentration of 0.0004 ppm.
(895) Trans-1,2-DCE was detected at an estimated concentration of 0.0025 ppm.
(896) Trans-1,2-DCE at 0.0048 ppm.
(897) Trans-1,2-DCE was detected at an estimated concentration of 0.0004 ppm.
(898) Trans-1,2-DCE at 0.0051 ppm.
(899) Trans-1,2-DCE at 0.0024 ppm.
(900) Trifluoromethane at 0.0041 ppm.
(901) 1,2-DCA at 0.0006ppm; MTBE was detected at an estimated concentration of 0.0004 ppm.
(902) MTBE at 0.0009 ppm.
(903) Trans-1,2-DCE at 0.0029 ppm.
(904) Trans-1,2-DCE at 0.0010 ppm.
(905) 1,2-DCA at 0.0008 ppm; MTBE was detected at an estimated concentration of 0.0003 ppm.
(906) MTBE at 0.0007 ppm; 1,2-DCA was detected at an estimated concentration of 0.0003 ppm.
(907) MTBE was detected at an estimated concentration of 0.0003 ppm.
(908) Trans-1,2-DCE at 0.0055 ppm.
(909) Trans-1,2-DCE at 0.014 ppm; 1,2-DCB at 0.0079 ppm.
(910) Trans-1,2-DCE at 0.0052 ppm; 1,2-DCB at 0.0044 ppm.
(911) Trans-1,2-DCE at 0.0035 ppm; 1,2-DCB was detected at an estimated concentration of 0.0009 ppm.
(912) Trans-1,2-DCE at 0.0027 ppm.
(913) Trans-1,2-DCE at 0.0016 ppm.
(914) Trans-1,2-DCE at 0.0016 ppm; MTBE was detected at an estimated concentration of 0.0003 ppm.
(915) Trans-1,2-DCE at 0.0006 ppm; Bromodichloromethane was detected at an estimated concentration of 0.0003 ppm.
(916) Trans-1,2-DCE at 0.0016 ppm.
(917) Trans-1,2-DCE at 0.0030 ppm.
(918) Trans-1,2-DCE at 0.0011 ppm; MTBE was detected at an estimated concentration of 0.0003 ppm.
(919) Trans-1,2-DCE at 0.0008 ppm; MTBE was detected at an estimated concentration of 0.0004 ppm; Freon 12 was detected at an estimated concentration of 0.0009 ppm.
(920) Trans-1,2-DCE at 0.0035 ppm.
(921) Trans-1,2-DCE was detected at an estimated concentration of 0.0005 ppm.
(922) Trans-1,2-DCE at 0.0047 ppm.
(923) Trans-1,2-DCE at 0.0051 ppm; MTBE at 0.0004 ppm; 1,2-DCA at 0.0007 ppm.
(924) Trans-1,2-DCE at 0.0065 ppm.
(925) Trans-1,2-DCE at 0.019 ppm; 1,2-DCB at 0.011 ppm.
(926) Trans-1,2-DCE at 0.0084 ppm; 1,2-DCB at 0.0053 ppm.
(927) Trans-1,2-DCE at 0.0032 ppm; 1,2-DCB at 0.0011 ppm.
(928) Trans-1,2-DCE at 0.0038 ppm.
(929) Trans-1,2-DCE at 0.0020 ppm.
(930) Trans-1,2-DCE was detected at an estimated concentration of 0.0003 ppm; Bromodichloromethane was detected at an estimated concentration of 0.0003 ppm.
(931) Trans-1,2-DCE at 0.0022 ppm.
(932) Trans-1,2-DCE at 0.0023 ppm.
(933) Trans-1,2-DCE was detected at an estimated concentration of 0.0004 ppm.
(934) Trans-1,2-DCE at 0.0009 ppm.
(935) Trans-1,2-DCE at 0.0010 ppm.
(936) Trans-1,2-DCE at 0.0026 ppm.
(937) Trans-1,2-DCE at 0.0048 ppm.
(938) Trans-1,2-DCE was detected at an estimated concentration of 0.0005 ppm.
(939) Trans-1,2-DCE at 0.0055 ppm.
(940) MTBE estimated at 0.0003 ppm.
(941) 1,2-Dichloroethane at 0.0007 ppm.
(942) Trifluoromethane at 0.0034 ppm.
(943) Trans-1,2-DCE at 0.0036 ppm ; 1,2-DCA was detected at an estimated concentration of 0.0008 ppm.
(944) 1,2-DCA at 0.0010 ppm; MTBE was detected at an estimated concentration of 0.0004 ppm.
(945) Trans-1,2-DCE at 0.0034 ppm.
(946) Trans-1,2-DCE was detected at an estimated concentration of 0.0003 ppm.
(947) 1,2-DCA was detected at an estimated concentration of 0.0003 ppm; MTBE at 0.0006 ppm.

Table 3-5
Historical Water-Quality Data for Off-Property Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Notes:

(948) MTBE estimated at 0.0003 ppm.
(949) Trans-1,2-DCE at 0.0049 ppm.
(950) Trans-1,2-DCE at 0.014 ppm; 1,2-DCB at 0.0086 ppm.
(951) Trans-1,2-DCE at 0.0096 ppm; 1,2-DCB at 0.0071 ppm.
(952) Trans-1,2-DCE at 0.0033; 1,2-DCB was detected at an estimated concentration of 0.0008ppm.
(953) Trans-1,2-DCE at 0.0030 ppm.
(954) MTBE was detected at an estimated concentration of 0.0003 ppm; Trans-1,2-DCE= 0.0020 ppm.
(955) Trans-1,2-DCE at 0.0019 ppm.
(956) Trans-1,2-DCE at 0.0025 ppm.
(957) Trans-1,2-DCE at 0.0008 ppm.
(958) Trans-1,2-DCE at 0.0009 ppm; MTBE was detected at an estimated concentration of 0.0004 ppm.
(959) Trans-1,2-DCE at 0.0026 ppm.
(960) Trans-1,2-DCE at 0.0026 ppm.
(961) Trans-1,2-DCE at 0.0007 ppm.
(962) Trans-1,2-DCE at 0.0065 ppm.
(963) Trans-1,2-Dichloroethene was detected at 0.002 ppm
(964) 1,2-DCB was detected at 0.0073 ppm; Trans-1,2-Dichloroethene was detected at 0.0091 ppm
(965) 1,2-DCB was detected at 0.0009 J ppm; Trans-1,2-Dichloroethene was detected at 0.002 ppm
(966) Trans-1,2-Dichloroethene was detected at 0.0028 ppm
(967) Trans-1,2-Dichloroethene was detected at 0.0025 ppm
(968) 1,2-DCB was detected at 0.0009 J ppm; Trans-1,2-Dichloroethene was detected at 0.002 ppm
(969) Trans-1,2-Dichloroethene was detected at 0.0018 J ppm
(970) Bromodichloromethane was detected at 0.068 ppm; Bromoform was detected at 0.0095 ppm; Dibromochloromethane was detected at 0.053 ppm; Trans-1,2-Dichloroethene was detected at 0.0016 ppm
(971) Freon 12 was detected at 0.005 Jb ppm
(972) Trans-1,2-Dichloroethene was detected at 0.001 ppm
(973) Trans-1,2-Dichloroethene was detected at 0.0007 ppm
(974) 1,2-DCB was detected at 0.011 ppm; Trans-1,2-Dichloroethene was detected at 0.015 ppm
(975) Trans-1,2-Dichloroethene was detected at 0.0016 J ppm
(976) Trans-1,2-Dichloroethene was detected at 0.0033 ppm
(977) Trans-1,2-Dichloroethene was detected at 0.0003 J ppm
(978) Trans-1,2-Dichloroethene was detected at 0.001 ppm
(979) Trans-1,2Dichloroethene was detected at 0.0033 ppm

Table 6-1
Initial Technology Screening and Process Options for
Groundwater
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

General Response Action	Remedial Technology Type	Process Option	Description	Screening Comments
No Action	None	None	No action.	Process retained in accordance with National Contingency Plan.
Institutional Controls	Administrative	Proprietary Controls	Controls on land use established by an agreement between the property owner and a secondary party, including land-use deed restrictions	Process retained as a component with other process options to meet remedial action objectives (RAOs).
		Governmental Controls	Controls on the use of land or a resource under the authority of a government entity, including city permitting processes.	Process retained as a component with other process options to meet remedial action objectives (RAOs).
		Enforcement Tools with Institutional Control Components	Legal tools that limit site activities or require the performance monitoring of specific activities, including consent decrees.	Process retained as a component with other process options to meet remedial action objectives (RAOs).
		Informational Devices	Devices that provide information to the public regarding residual contamination, including the RWQCB and USEPA websites and public notices.	Process retained as a component with other process options to meet remedial action objectives (RAOs).
Hydraulic Control	Vertical Barriers	Grout Curtains	Pressure injection of grout in a regular pattern of drilled holes.	Process not retained because it does not reduce toxicity or volume of contaminants and has a high cost.
		Sheetpile Walls	Installation of steel sheetpiling; interlocking piles by pile driver or drop hammer down through unconsolidated materials to a unit of low permeability.	Process not retained because it does not reduce toxicity or volume of contaminants and due to numerous utilities present in subsurface and depth of installation that would be required. This technology has a high cost.
		Slurry Walls	Constructed by conventional trench excavation or by deep soil mixing techniques to contain source area groundwater; excavation is backfilled with a soil-bentonite mixture or cement-bentonite mixture. Can be installed to depths of 100 feet below ground surface (bgs) in proper conditions.	Process not retained because it does not reduce toxicity or volume of contaminants and due to numerous utilities present in subsurface and the extent of disruption installation would cause to active commercial activities. This technology has a high cost.
	Hydraulic Containment	Extraction Wells	Use of wells to extract contaminated groundwater for ex situ treatment.	Process retained. It has been somewhat effective at capturing affected groundwater throughout the Study Area.
		Interceptor Trench	System of perforated piping laid in a horizontal trench used to collect groundwater. Typically installed at depths ranging from 20 to 30 feet bgs.	Process not retained due to the depth of trench that would be required at the Site and because it is infeasible.

Table 6-1
Initial Technology Screening and Process Options for Groundwater
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

General Response Action	Remedial Technology Type	Process Option	Description	Screening Comments
Ex Situ Groundwater Treatment	Physical and Chemical Treatment	Ultraviolet Oxidation	Ultraviolet radiation, ozone, and/or hydrogen peroxide are used to destroy organic contaminants in extracted groundwater.	Process not retained. It is not cost effective for the relatively high volume and dilute wastewater streams such as the extracted groundwater from the Study Area.
		Air Stripping	Volatile organics are partitioned from groundwater by increasing the surface area of the contaminated water that is exposed to air. May result in vapors that require additional treatment before being discharged.	Process retained because of its proven effectiveness and because of overall low capital cost. The costs to return the air stripper currently on the Former Semiconductor site is moderate.
		Liquid-Phase Carbon Adsorption	Extracted groundwater is pumped through a series of canisters containing activated carbon to which dissolved organic contaminants adsorb.	Process retained because of its proven effectiveness and low capital cost.
		Reverse Osmosis	Use of high pressure to force extracted groundwater through a membrane, leaving contaminants behind.	Process not retained. Reverse osmosis is not effective for treating volatile organic compounds (VOCs).
		Spray Evaporation	Extracted groundwater is sprayed into air where VOCs transfer from water to vapor; large collection ponds receive spray water.	Process not retained. This option is not applicable in a commercial setting where land costs are high.
		Ion Exchange	Extracted groundwater is passed through a resin bed where ions exchange between the bed and the water.	Process not retained. Ion exchange is not effective for treating VOCs.
		Precipitation	Alteration of chemical equilibria to reduce solubility of constituents.	Process not retained. Precipitation is not effective for treating VOCs.
	Biological Treatment	Bioreactors	Contaminants in extracted groundwater are put into contact with microorganisms in attached or suspended growth biological reactors.	Process not retained because of operational limitations compared to other existing process options. This technology has a high cost.
		Constructed Wetlands	The constructed wetlands-based treatment technology uses natural geochemical and biological processes inherent in an artificial wetland ecosystem to accumulate and remove metals, explosives, and other contaminants from influent waters. The process can use a filtration or degradation process.	Process not retained due to lack of appropriate space for constructed wetlands. This technology has a high cost.
	Thermal Treatment	Rotary Kiln	Combustion of liquid in a horizontally rotating cylinder for uniform heat transfer.	Process not retained. Applicable for more highly concentrated waste streams.
		Plasma Arc	Thermal destruction of contaminants using high-energy free electrons for molecular fracture.	Process not retained. Applicable for more highly concentrated waste streams.
		Fluidized Bed	Liquid injected into hot agitated bed of sand where heat transfer and combustion occur.	Process not retained. Applicable for more highly concentrated waste streams.
Groundwater Discharge	Groundwater Disposal	Direct Discharge to Publicly Owned Treatment Works	Discharge of extracted groundwater with or without treatment to the sanitary sewer system.	Process retained as potentially applicable component of a remedial alternative.
		Discharge to a Storm Drain	Treated groundwater discharged to a storm drain under a National Pollutant Discharge Elimination System permit.	Process retained as potentially applicable component of a remedial alternative.
	Groundwater Reuse	Reuse for Landscape Irrigation	Treated groundwater connected to an irrigation distribution system.	Process not retained because of low effectiveness, low implementability and high cost.
		Groundwater Recharge	Treated groundwater is discharged on site to local aquifers.	Process not retained because of low effectiveness, low implementability and high cost.

Table 6-1
Initial Technology Screening and Process Options for
Groundwater
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

General Response Action	Remedial Technology Type	Process Option	Description	Screening Comments
In Situ Groundwater Treatment	Physical and Chemical Treatment	Permeable Reactive Barriers	In situ treatment zone constructed to passively intercept a contaminant plume and transform or immobilize the contaminants or actively inject chemicals to transform contaminants to innocuous compounds via chemical reactions.	Process not retained because of limited effectiveness at treating areas with residual Dense Non-Aqueous Phase Liquids (DNAPL) present in saturated soil. This technology has a high cost.
		Chemical Oxidation	Injection of a chemical oxidant into the subsurface to destroy organic contaminants in situ via oxidation reactions.	Process not retained. Due to naturally present suboxic to anaerobic subsurface conditions, the oxidation demand is very high. This technology has a high cost and limited effectiveness.
		Chemical Reduction	Injection of a chemical reducing agent to destroy organic chemical in situ via reduction reactions.	Process not retained. This process is usually coupled with permeable reactive barriers. This technology has a high cost and limited effectiveness.
		Air Sparging	Injection of air into an aquifer to remove contaminants through volatilization. Often used with soil vapor extraction to capture contaminants released into vadose zone.	Process not retained. This process is not as effective as other technologies and would have a high implementation cost at the Sites.
		Ozone Sparging	Injection of ozone and air into an aquifer to destroy contaminants in situ.	Process not retained. This process is not as effective as other technologies and would have a high implementation cost at the Sites.
		Multi-Phase Extraction	Extraction of both soil vapor and groundwater from a single well.	Process not retained because site conditions indicate that multi-phase extraction would not be as effective as other technologies. This technology has a high cost.
		In-Well Air Stripping	Air is injected into a double-screened well, lifting the water in the well and forcing it out the upper screen. Simultaneously, additional water is drawn into the lower screen. Once in the well, some of the VOCs in the contaminated groundwater are transferred from the dissolved phase to the vapor phase by air bubbles. The contaminated air rises in the well to the water surface where vapors are drawn off and treated by a soil vapor extraction system.	Process not retained because of the moderate effectiveness, moderate implementability and high cost.
		Thermal	Aquifer is heated through injection wells (for example, through steam injection, electrical resistivity, radio frequency) to vaporize volatile and semivolatile contaminants. Vaporized components rise to the unsaturated zone where they are removed by vacuum extraction and then treated.	Process not retained because of large volume requiring treatment, and the resulting vapors in the vadose zone would increase the potential for vapor intrusion. This technology has a high cost.
	Biological Treatment	Bioslurping	Bioslurping combines the two remedial approaches of bioventing and vacuum-enhanced free-product recovery. Bioventing stimulates the aerobic bioremediation of hydrocarbon-contaminated soils. Vacuum-enhanced free-product recovery extracts Light Non-Aqueous Phase Liquids (LNAPLs) from the capillary fringe and the water table.	Process not retained. Not applicable for treating VOCs.
		Phytoremediation	Plants and trees uptake contaminated groundwater and contain, remove, or degrade contaminants. Typically used at sites with relatively low concentrations of contaminants.	Process not retained. Not feasible for treating to the total depth of contamination and lack of appropriate space required for plantings at accessible depths.
		Enhanced Bioremediation	Introduction of chemicals to enhance reductive dechlorination of chlorinated VOCs.	Process retained as a component with other process options to meet RAOs.
Natural Attenuation	Monitored Natural Attenuation	Performance Monitoring	Monitoring of existing shallow and intermediate zone wells to confirm decreasing trends of contaminant in groundwater. Monitor geochemical indicators of natural attenuation.	Process retained as a component with other process options to meet RAOs.

= Process retained for secondary screening

= Process option not retained for secondary screening

Table 6-2
Initial Technology Screening and Process Options for Vapor
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

General Response Action	Remedial Technology Type	Process Option	Description	Screening Comments
No Action	None	None	No action.	Process retained in accordance with National Contingency Plan.
Institutional Controls	Administrative	Proprietary Controls	Controls on land use established by an agreement between the property owner and a secondary party, including land-use deed restrictions	Process retained as a component with other process options to meet remedial action objectives (RAOs).
		Governmental Controls	Controls on the use of land or a resource under the authority of a government entity, including city permitting processes.	Process retained as a component with other process options to meet remedial action objectives (RAOs).
		Enforcement Tools with Institutional Control Components	Legal tools that limit site activities or require the performance monitoring of specific activities, including consent decrees.	Process retained as a component with other process options to meet remedial action objectives (RAOs).
		Informational Devices	Devices that provide information to the public regarding residual contamination, including the RWQCB and USEPA websites and public notices.	Process retained as a component with other process options to meet remedial action objectives (RAOs).
Building Mitigation and Modifications	Vapor Barrier	Spray On Membrane	Provides a seamless barrier against vapor intrusion into structures.	Process not retained. Process option applicable to new building construction. Post-installation costs are high compared to other similarly effective technologies.
		Pathway Sealing	Seal preferential pathways to prevent soil vapor from entering the building.	Process retained as a component with other process options to meet RAOs.
	Ventilation	Active Crawl Space Ventilation	Vent crawl space to force soil gas to migrate to the exterior of the building.	Process retained as a component with other process options to meet RAOs.
		Heating, Ventilation, and Air Conditioning System Operation	Optimize HVAC operations to improve indoor air quality.	Process retained as a component with other process options to meet RAOs.
		Sub-Building Depressurization	Induces a negative pressure between shallow soils and the building which prevents soil vapor from entering the building.	Process retained as a component with other process options to meet RAOs.
		Soil Vapor Extraction	Apply a vacuum to extraction wells to induce volatile compounds to diffuse to extraction wells, which prevents soil vapor from entering the building.	Process retained as a component with other process options to meet RAOs.

Table 6-2
Initial Technology Screening and Process Options for Vapor
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

General Response Action	Remedial Technology Type	Process Option	Description	Screening Comments
Vapor Emissions Treatment	Physical and Chemical Treatment	Biofiltration	Vapor-phase organic contaminants are passed through a bed of porous media and sorb to the media surface where they are degraded by microorganisms in the media.	Process not retained. Limited effectiveness at treating halogenated VOCs.
		High-Energy Destruction	The high-energy destruction process uses high-voltage electricity to destroy VOCs at room temperature.	Process not retained. Less effective at treating tetrachloroethylene (PCE) in gas streams. This technology has a high cost.
		Membrane Separation	Organic vapor/air separation technology involves the preferential transport of organic vapors through a non-porous gas separation membrane.	Process not retained. Limited effectiveness at treating fluctuating VOC concentrations. This technology has a high cost.
		Scrubbers	Air pollution control devices that use a high-energy liquid spray to remove aerosol and gaseous pollutants from an air stream. The gases are removed either by absorption or chemical reaction.	Process not retained. Not applicable for treating VOCs.
		Vapor-Phase Carbon Adsorption	Off-gases are pumped through a series of canisters containing activated carbon that absorbs organic contaminants. Off-site regeneration of carbon destroys contaminants.	Process retained as potentially applicable component of a remedial alternative.
	Oxidation	Catalytic Oxidation	Trace organics are destroyed at lower temperatures (800 degrees Fahrenheit) than conventional combustion by passing the vapor stream through a catalyst designed to oxidize contaminants of concern.	Process not retained. This technology has a high cost.
		Thermal Oxidation	Organic contaminants are destroyed in a high temperature (1,000 degrees Fahrenheit combustor).	Process not retained because process would require treatment of hydrogen chloride generated in process.
		Advanced Oxidation	Use of ozone and ultraviolet light to destroy organic contaminants in vapor.	Process not retained. This technology has a high cost.

= Process retained for secondary screening

= Process option not retained for secondary screening

Table 6-3
Secondary Technology Screening and Process Options for Groundwater
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

General Response Action	Remedial Technology Type	Process Option	Description	Screening Comments
No Action	None	None	No action.	Process retained in accordance with National Contingency Plan.
Institutional Controls	Administrative	Proprietary Controls	Controls on land use established by an agreement between the property owner and a secondary party, including land-use deed restrictions	Process retained as a component with other process options to meet remedial action objectives (RAOs).
		Governmental Controls	Controls on the use of land or a resource under the authority of a government entity, including city permitting processes.	Process retained as a component with other process options to meet remedial action objectives (RAOs).
		Enforcement Tools with Institutional Control Components	Legal tools that limit site activities or require the performance monitoring of specific activities, including consent decrees.	Process retained as a component with other process options to meet remedial action objectives (RAOs).
		Informational Devices	Devices that provide information to the public regarding residual contamination, including the RWQCB and USEPA websites and public notices.	Process retained as a component with other process options to meet remedial action objectives (RAOs).
Hydraulic Control	Hydraulic Containment	Extraction Wells	Use of wells to extract contaminated groundwater for ex situ treatment.	Process retained. It has been somewhat effective at capturing affected groundwater throughout the Study Area.
Ex Situ Groundwater Treatment	Physical and Chemical Treatment	Air Stripping	Volatile organics are partitioned from groundwater by increasing the surface area of the contaminated water that is exposed to air. May result in vapors that require additional treatment before being discharged.	Process retained because of its proven effectiveness and because of overall low capital cost. The costs to return the air stripper currently on the Former Semiconductor site is moderate.
		Liquid-Phase Carbon Adsorption	Extracted groundwater is pumped through a series of canisters containing activated carbon to which dissolved organic contaminants adsorb.	Process retained because of its proven effectiveness and low capital cost.
Groundwater Discharge	Groundwater Disposal	Direct Discharge to Publicly Owned Treatment Works	Discharge of extracted groundwater with or without treatment to the sanitary sewer system.	Process retained as potentially applicable component of a remedial alternative.
		Discharge to a Storm Drain	Treated groundwater discharged to a storm drain under a National Pollutant Discharge Elimination System permit.	Process retained as potentially applicable component of a remedial alternative.
In Situ Groundwater Treatment	Biological Treatment	Enhanced Bioremediation	Introduction of chemicals to enhance reductive dechlorination of chlorinated VOCs.	Process retained as a component with other process options to meet RAOs.
Natural Attenuation	Monitored Natural Attenuation	Performance Monitoring	Monitoring of existing shallow and intermediate zone wells to confirm decreasing trends of contaminant in groundwater. Monitor geochemical indicators of natural attenuation.	Process retained as a component with other process options to meet RAOs.

= Process retained for remedial alternative comparison

Table 6-4
Secondary Technology Screening and Process Options for Vapor
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

General Response Action	Remedial Technology Type	Process Option	Description	Screening Comments
No Action	None	None	No action.	Process retained in accordance with National Contingency Plan.
Institutional Controls	Administrative	Proprietary Controls	Controls on land use established by an agreement between the property owner and a secondary party, including land-use deed restrictions	Process retained as a component with other process options to meet remedial action objectives (RAOs).
		Governmental Controls	Controls on the use of land or a resource under the authority of a government entity, including city permitting processes.	Process retained as a component with other process options to meet remedial action objectives (RAOs).
		Enforcement Tools with Institutional Control Components	Legal tools that limit site activities or require the performance monitoring of specific activities, including consent decrees.	Process retained as a component with other process options to meet remedial action objectives (RAOs).
		Informational Devices	Devices that provide information to the public regarding residual contamination, including the RWQCB and USEPA websites and public notices.	Process retained as a component with other process options to meet remedial action objectives (RAOs).
Building Mitigation and Modifications	Vapor Barrier	Pathway Sealing	Seal preferential pathways to prevent soil vapor from entering the building.	Process retained as a component with other process options to meet RAOs.
	Ventilation	Active Crawl Space Ventilation	Vent crawl space to force soil gas to migrate to the exterior of the building.	Process retained as a component with other process options to meet RAOs.
		Heating, Ventilation, and Air Conditioning System Operation	Optimize HVAC operations to improve indoor air quality.	Process retained as a component with other process options to meet RAOs.
		Sub-Building Depressurization	Induces a negative pressure between shallow soils and the building which prevents soil vapor from entering the building.	Process retained as a component with other process options to meet RAOs.
		Soil Vapor Extraction	Apply a vacuum to extraction wells to induce volatile compounds to diffuse to extraction wells, which prevents soil vapor from entering the building.	Process retained as a component with other process options to meet RAOs.
Vapor Emissions Treatment	Physical and Chemical Treatment	Vapor-Phase Carbon Adsorption	Off-gases are pumped through a series of canisters containing activated carbon that absorbs organic contaminants. Off-site regeneration of carbon destroys contaminants.	Process retained as potentially applicable component of a remedial alternative.

= Process retained for remedial alternative comparison

Table 7-1 - Summary of Mann-Kendall Trend Analysis - June 2015
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Well ID	Constituent	n	S-statistic	p-value[1]	Trend Determination[2]	Coefficient of Variation[3]	Interpretation of Stability
Shallow							
E-1	tVOC	30	171	0.001	Increasing	--	--
E-2	tVOC	30	-189	<0.001	Decreasing	--	--
E-3	tVOC	30	-255	<0.001	Decreasing	--	--
E-4	tVOC	30	-116	0.02	Decreasing	--	--
E-5	tVOC	30	-149	0.004	Decreasing	--	--
E-6	tVOC	30	-209	<0.001	Decreasing	--	--
E-7	tVOC	30	-41	0.238	No Significant Trend	0.4	Stable
	tVOC after 5/2010	11	-37	0.003	Decreasing	--	--
E-9	tVOC	30	11	0.429	No Significant Trend	0.6	Stable
	tVOC after 5/2011	9	32	<0.001	Increasing	--	--
E-18	tVOC	30	-5	0.472	No Significant Trend	0.3	Stable
NC-1S	tVOC	30	-199	<0.001	Decreasing	--	--
E-1	TCE	30	-112	0.023	Decreasing	--	--
E-2	TCE	30	-282	<0.001	Decreasing	--	--
E-3	TCE	30	-273	<0.001	Decreasing	--	--
E-4	TCE	30	-259	<0.001	Decreasing	--	--
E-5	TCE	30	-235	<0.001	Decreasing	--	--
E-6	TCE	30	-230	<0.001	Decreasing	--	--
E-7	TCE	30	-68	0.116	No Significant Trend	0.8	Stable
	TCE after 5/2011	9	-20	0.022	Decreasing	--	--
E-9	TCE	30	-37	0.26	No Significant Trend	1.0	Variable
	TCE after 5/2011	9	26	0.003	Increasing	--	--
E-18	TCE	30	-43	0.226	No Significant Trend	0.2	Stable
NC-1S	TCE	30	-106	0.03	Decreasing	--	--
Upper Intermediate Zone							
E-10	tVOC	30	-262	<0.001	Decreasing	--	--
E-11	tVOC	30	-279	<0.001	Decreasing	--	--
E-12	tVOC	30	-311	<0.001	Decreasing	--	--
E-14	tVOC	30	-143	0.006	Decreasing	--	--
E-15	tVOC	30	-329	<0.001	Decreasing	--	--
E-19	tVOC	30	-257	<0.001	Decreasing	--	--
NC-2I	tVOC	30	22	0.354	No Significant Trend	0.2	Stable
E-10	TCE	30	-252	<0.001	Decreasing	--	--
E-11	TCE	30	-334	<0.001	Decreasing	--	--
E-12	TCE	30	-330	<0.001	Decreasing	--	--
E-14	TCE	30	-94	0.047	Decreasing	--	--
E-15	TCE	30	-329	<0.001	Decreasing	--	--
E-19	TCE	30	-206	<0.001	Decreasing	--	--
NC-2I	TCE	30	51	0.184	No Significant Trend	0.2	Stable

Table 7-1 - Summary of Mann-Kendall Trend Analysis - June 2015
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Well ID	Constituent	n	S-statistic	p-value[1]	Trend Determination[2]	Coefficient of Variation[3]	Interpretation of Stability

Notes:
tVOC = total volatile organic compounds
TCE = trichloroethene
n = number of samples included in the analysis
* Analysis not conducted for respective constituent because concentrations have not exceeded MCL during at least 50% of the past 12 monitoring events.
[1]A p-value less than 0.1 indicates a statistically significant trend at the 90% confidence level or greater. A p-value greater than 0.1 but less than 0.2 indicates a statistically significant trend
at a confidence level between 80 and 90%.
[2]Increasing and decreasing trends are statistically significant at 90% confidence unless otherwise indicated.
[3]Coefficient of variation: Standard Deviation/Mean. Values less than 1 indicate stable trends
[4] Unless otherwise noted, analyses were conducted using all data collected between December 2003 and July 2015.

Table 7-2
Summary of Mass Analysis of TCE in Groundwater and Saturated Soils- North Bayshore Area
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Year	Estimated Total Mass of TCE (lb)
2000	1,467
2005	1,046
2010	820
2015	787
Change in Mass from 2000 to 2015	-679

Notes:

lb = pounds
TCE = trichloroethene

Table 7-3
Historical Field Results for Natural Attenuation Parameters
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Well Number	Date Sampled	Temperature (°C)	Nitrite (mg/l)	Sulfide (mg/l)	Ferrous Iron (mg/l)	ORP (mV)	Dissolved Oxygen (mg/l)	pH	Conductivity (µmhos)	Turbidity (NTU)
S-7	1-Jul-15	22.01	na	na	na	35.0	0.69	8.12	1350	0
S-12	2-Oct-03	21.00	0.001	0.012	0.020	171.2	0.25	6.93	1279	1
	14-Jan-04	17.80	0.009	0.001	0.020	148.6	0.67	6.92	1324	clear
	31-Mar-04	19.24	0.028	0.001	0.020	112.8	0.26	6.92	1156	clear
	24-Jun-04	19.25	0.018	na	0.000	147.3	0.37	6.75	1120	1.55
	22-Sep-04	20.16	0.008	0.002	0.010	27.7	3.75*	6.94	971	1.55
	2-Dec-04	19.18	0.021	-0.001	0.010	123.0	0.37	7.03	1219	0.82
	14-Mar-05	18.51	0.017	0.001	0.010	-9.5	0.76	6.97	1264	clear
	10-May-05	18.55	0.019	0.014	0.040	129.7	0.46	6.87	1257	0.88
	16-Aug-05	20.81	0.028	0.004	0.030	108.5	0.44	6.81	1149	1.74
	2-Nov-05	19.43	0.037	0.008	0.050	58.3	0.28	7.00	1236	5.0 [x]
	14-Mar-06	18.10	0.010	0.002	0.020	42.5	0.62	7.17	1136	clear
	22-May-06	18.97	<0.05**	<0.04**	<0.10**	-14.7	0.20	6.97	1438	0.40
	20-Sep-06	20.60	<0.05**	<0.04**	<0.10**	57.0	0.34	6.96	1064	0.00
	6-Dec-06	18.93	0.016	0.02	0.01	-91.5	1.13[b]	7.30	1244	1.03
	21-May-07	18.84	0.029	0.00	0.00	15.2	0.14	6.89	1214	1.39
	31-Oct-07	19.72	0.018	0.00	0.12	8.2	0.13	6.99	1076	1.20
	4-Jun-08	19.21	0.012	0.01	0.15	38.6	0.35	7.40	1220	7.30
	5-Nov-08	19.36	0.015	0.06	0.02	-12.3	0.64	7.00	1251	7.40
	12-May-09	18.43	0.014	0.02	0.02	-7.2	0.15	6.89	1204	0.00
	12-Nov-09	19.39	0.021	0.01	0.01	57.7	0.21	7.04	1336	5.38
	27-May-10	18.61	0.000	0.00	0.00	53.2	0.20	7.06	1544	1.60
	17-Dec-10	18.34	0.000	0.04	0.00	12.0	1.03	7.03	1430	38.80
	19-May-11	19.33	0.110	0.00	0.00	40.2	0.33	6.87	1158	4.80
	18-Nov-11	18.02	0.000[L]	0.03	0.00	-20.0	0.52	6.97	1077	4.54
	13-Jun-12	20.30	0.000[L]	0.01	0.00	-60.8	0.06	6.86	1146	4.41
	30-Nov-12	18.88	na	0.04	0.00	-4.2	0.32	6.77	1261	0.00
	7-Jun-13	18.75	0.000	na	0.00	43.6	0.30	7.4	1274	0.78
	17-Jun-13	18.86	na	0.00	na	96.0	0.43	6.95	1247	1.26
	7-Nov-13	18.97	0.022	0.02	0.30	70.0	0.09	6.89	1256	5.90
	15-May-14	18.63	0.050	0.03	0.30	66.3	1.03	7.00	1250	2.28
	5-Dec-14	19.33	0.016	5.00	0.09	56.0	0.76	7.37	1210	0.09
	1-Jul-15	22.51	0.008	0.01	0.03	32.0	1.48	7.10	1189	0.50
S-16	2-Oct-03	20.27	0.001	0.000	0.020	277.4	0.23	7.11	1031	2
	20-Jan-04	19.25	0.009	0.003	0.000	107.8	0.27	7.02	1068	clear
	31-Mar-04	19.98	0.017	0.005	0.010	64.5	0.19	7.04	959	clear
	24-Jun-04	20.70	0.012	0.002	0.030	26.1	0.21	6.89	969	0.92
	22-Sep-04	20.64	0.015	0.009	0.020	-37.8	3.5*	7.09	822	1.31
	2-Dec-04	19.62	0.009	0.003	0.000	39.2	na*	7.19	1030	1.29
	10-Feb-05	19.77	0.021	0.000	0.010	18.0	0.18	7.30	959	1.91
	10-May-05	19.83	0.018	0.022	0.130	44.9	0.40	7.05	1080	0.61
	16-Aug-05	20.24	0.026	0.058	0.180	100.5	0.37	6.92	931	6
	2-Nov-05	19.98	0.015	-0.005	0.020	61.3	0.29	7.12	1025	12.6 [x]
	14-Mar-06	19.18	0.019	0.006	0.010	33.3	0.50	7.39	968	clear
	18-May-06	19.59	<0.05**	<0.04**	<0.10**	19.7	0.11	7.08	1164	na
	20-Sep-06	20.71	<0.05**	<0.04**	<0.10**	-26.1	0.09	7.14	817	clear
	6-Dec-06	19.76	0.002	0.05	0.00	-120.6	0.78[b]	7.46	1023	0.19
	21-May-07	19.89	0.000	0.00	0.00	-135.9	0.06	7.14	1026	0.53
	31-Oct-07	20.04	0.017	0.03	0.00	11.2	0.43	7.17	874	3.80
	5-Jun-08	19.75	0.000	0.00	0.00	35.3	0.44	7.55	999	5.70
	5-Nov-08	19.86	0.017	0.00	0.00	-82.0	0.52	7.15	1098	25.0
	12-May-09	19.59	0.007	0.00	0.00	11.0	0.14	7.03	1034	0.08
	12-Nov-09	19.67	0.014	0.03	0.00	83.1	0.29	7.17	1121	1.55
	27-May-10	19.44	0.000	0.00	0.00	19.8	0.17	7.22	1300	0.09
	17-Dec-10	19.50	NS	0.02	NS	88.0	0.95	7.11	1190	20.1
	19-May-11	19.64	0.003	0.00	0.00	41.6	0.43	7.00	976	0.9
	18-Nov-11	19.45	0.000[L]	0.00[L]	0.00[L]	-43.1	0.09	7.37	956	1.89
	13-Jun-12	20.97	0.000[L]	0.00	0.00[L]	-50.1	0.25	7.04	969	0.09
	29-Nov-12	19.34	na	0.00	0.00	0.3	0.33	7.12	1083	0.51
	6-Jun-13	19.50	0.000	na	0.00	55.9	0.49	7.17	1045	0.10
	17-Jun-13	20.15	na	0.00	na	62.4	0.5	7.18	1024	0.75
	7-Nov-13	19.46	0.016	0.02	0.00	211.7	0.68	6.72	1023	1.33
	15-May-14	20.79	0.058	0.00	0.00	22.3	0.84	7.22	1072	0.25
	5-Dec-14	19.11	0.013	5.00	0.05	131.0	1.25	7.50	1010	0.02

Table 7-3
Historical Field Results for Natural Attenuation Parameters
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Well Number	Date Sampled	Temperature (°C)	Nitrite (mg/l)	Sulfide (mg/l)	Ferrous Iron (mg/l)	ORP (mV)	Dissolved Oxygen (mg/l)	pH	Conductivity (µmhos)	Turbidity (NTU)
S-16	1-Jul-15	20.98	0.004	0.00	0.38	119.0	1.32	8.33	1130	0
RA-1	6-Oct-03	20.74	0.017	0.067	0.020	96.3	0.29	6.85	1038	1
	13-Jan-04	20.09	0.014	0.000	0.000	118.5	0.28	6.84	1341	clear
	31-Mar-04	19.62	0.017	0.002	0.020	149.6	0.57	6.78	1193	clear
	24-Jun-04	19.61	0.032	0.000	0.020	73.7	0.35	6.66	1166	0.46
	22-Sep-04	20.35	0.015	0.000	0.010	125.1	5.95*	7.03	996	1.10
	2-Dec-04	19.90	0.007	0.003	0.010	71.1	na*	6.91	1262	0.76
	10-Feb-05	19.14	0.021	0.003	0.010	52.6	0.16	6.98	1174	1.85
	11-May-05	18.95	0.040	0.112	0.030	-114.1	0.39	6.80	1324	1.52
	17-Aug-05	19.62	0.003	0.000	0.000	153.0	0.34	6.78	1122	clear
	4-Nov-05	20.06	0.009	0.000	0.000	24.4	0.81	7.13	1296	0.17
	14-Mar-06	NS	NS	NS	NS	NS	NS	NS	NS	NS
	18-May-06	NS	NS	NS	NS	NS	NS	NS	NS	NS
	20-Sep-06	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5-Dec-06	NS	NS	NS	NS	NS	NS	NS	NS	NS
	21-May-07	NS	NS	NS	NS	NS	NS	NS	NS	NS
	30-Oct-07	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5-Jun-08	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5-Nov-08	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12-May-09	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12-Nov-09	NS	NS	NS	NS	NS	NS	NS	NS	NS
	27-May-10	NS	NS	NS	NS	NS	NS	NS	NS	NS
	16-Dec-10	NS	NS	NS	NS	NS	NS	NS	NS	NS
	19-May-11	NS	NS	NS	NS	NS	NS	NS	NS	NS
	18-Nov-11	NS	NS	NS	NS	NS	NS	NS	NS	NS
	13-Jun-12	NS	NS	NS	NS	NS	NS	NS	NS	NS
	30-Nov-12	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6-Jun-13	NS	NS	NS	NS	NS	NS	NS	NS	NS
	17-Jun-13	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7-Nov-13	NS	NS	NS	NS	NS	NS	NS	NS	NS
	15-May-14	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5-Dec-14	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1-Jul-15	NS	NS	NS	NS	NS	NS	NS	NS	NS
T-32I	6-Oct-03	20.41	0.014	0.030	0.020	51.6	0.25	7.12	908	2
	13-Jan-04	19.33	0.010	na	0.040	82.5	0.30	7.09	1178	clear
	31-Mar-04	20.46	0.016	na	0.010	101.2	0.25	7.04	1072	clear
	24-Jun-04	21.30	0.033	0.004	0.000	34.4	0.35	6.98	1080	1.27
	22-Sep-04	22.17	0.011	0.005	0.040	59.3	2.74*	7.13	921	1.24
	2-Dec-04	18.50	0.005	0.005	-0.010	86.8	na*	7.23	1149	0.94
	10-Feb-05	19.00	0.010	0.002	0.010	33.3	0.15	7.43	1048	1.13
	11-May-05	19.52	0.011	0.006	0.010	109.5	0.82	6.52	1362	0.99
	17-Aug-05	19.43	0.014	0.024	0.020	140.6	0.37	7.03	980	7.31
	4-Nov-05	19.75	0.019	0.003	0.020	62.8	0.58	7.17	1110	20.9 [x]
	14-Mar-06	NS	NS	NS	NS	NS	NS	NS	NS	NS
	18-May-06	NS	NS	NS	NS	NS	NS	NS	NS	NS
	20-Sep-06	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5-Dec-06	NS	NS	NS	NS	NS	NS	NS	NS	NS
	21-May-07	NS	NS	NS	NS	NS	NS	NS	NS	NS
	30-Oct-07	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5-Jun-08	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5-Nov-08	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12-May-09	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12-Nov-09	NS	NS	NS	NS	NS	NS	NS	NS	NS
	27-May-10	NS	NS	NS	NS	NS	NS	NS	NS	NS
	16-Dec-10	NS	NS	NS	NS	NS	NS	NS	NS	NS
	19-May-11	NS	NS	NS	NS	NS	NS	NS	NS	NS
	18-Nov-11	NS	NS	NS	NS	NS	NS	NS	NS	NS
	13-Jun-12	NS	NS	NS	NS	NS	NS	NS	NS	NS
	30-Nov-12	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6-Jun-13	NS	NS	NS	NS	NS	NS	NS	NS	NS
	17-Jun-13	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7-Nov-13	NS	NS	NS	NS	NS	NS	NS	NS	NS
	15-May-14	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5-Dec-14	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1-Jul-15	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 7-3
Historical Field Results for Natural Attenuation Parameters
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Well Number	Date Sampled	Temperature (°C)	Nitrite (mg/l)	Sulfide (mg/l)	Ferrous Iron (mg/l)	ORP (mV)	Dissolved Oxygen (mg/l)	pH	Conductivity (µmhos)	Turbidity (NTU)
E-2	6-Oct-03	20.46	0.010	0.000	0.000	127.6	0.33	6.94	1601	1.14
	15-Jan-04	17.50	0.021	0.004	0.010	171.0	0.39	6.86	1181	clear
	30-Mar-04	17.70	0.019	0.001	0.080	110.7	0.33	6.79	1296	clear
	25-Jun-04	18.93	0.023	0.004	na	170.4	0.27	6.60	1306	0.46
	20-Sep-04	19.40	0.027	0.005	0.030	42.6	6.32*	6.82	1116	1
	30-Nov-04	18.80	0.016	0.005	0.000	73.7	2.75*	6.95	1393	1.68
	9-Feb-05	17.68	0.009	0.001	0.000	162.5	0.11	6.98	1325	0.20
	13-May-05	18.20	0.032	0.001	0.000	2.6	0.18	6.94	1434	0.74
	17-Aug-05	19.52	0.022	0.001	0.000	101.6	0.31	6.84	1197	clear
	1-Nov-05	19.35	0.015	0.007	0.000	48.6	1.25	6.97	1334	0.16
	15-Mar-06	17.39	0.028	0.030	0.000	17.9	0.77	6.96	1154	clear
	22-May-06	18.53	<0.05**	<0.04**	<0.10**	42.3	0.21	6.93	1600	0.79
	20-Sep-06	20.28	<0.05**	<0.04**	<0.10**	63.0	0.07	6.90	1168	clear
	6-Dec-06	17.59	0.010	0.01	0.00	-1.40	0.97[b]	7.25	1311	1.78
	22-May-07	18.78	0.008	0.01	0.10	-131.30	0.12	7.01	1321	0.25
	1-Nov-07	18.83	0.033	0.02	0.00	29.00	1.11	7.01	1168	0.30
	3-Jun-08	19.99	0.009	0.00	0.00	246.1[d]	0.47	6.62	1388	1.00
	5-Nov-08	20.28	0.016	0.00	0.03	-52.70	0.49	6.93	1419	1.00
	13-May-09	18.79	0.014	0.01	0.01	94.70	0.27	6.94	1292	0.25
	12-Nov-09	19.48	0.033	0.01	0.05	107.00	0.17	6.92	1428	1.54
	26-May-10	18.51	0.000	0.01	0.21	278.1[e]	0.25	6.94	1607	0.00
	16-Dec-10	17.82	0.000	0.00	0.00	-15.0	1.21	7.15	1370	0.00
	18-May-11	18.82	0.000	0.00	0.20	36.3	0.35	6.91	1182	2.20
	18-Nov-11	18.49	0.001	0.00	0.00	47.0	0.47	6.94	1128	2.03
	12-Jun-12	20.47	0.001	0.04	0.00	58.9	0.12	6.85	1198	0.36
	30-Nov-12	18.3	na	0.00	0.07	2.9	2.7	6.82	1275	2.01
	7-Jun-13	19.61	0.000	na	0.00	33.4	0.61	6.97	1289	2.64
	17-Jun-13	21.05	na	0.00	na	78.3	0.29	6.94	1294	1.56
	8-Nov-13	19.22	0.00	0.01	0.03	-101.3	0.12	6.91	1303	1.97
	15-May-14	20.68	0.09	0.01	0.08	-15.5	0.4	7	1390	1.19
	5-Dec-14	19.58	0.016	5.00	0.09	-5.0	0.71	7.25	1250	5.03
	1-Jul-15	20.7	0.006	0.02	0.02	-20.0	0.64	8.05	1370	0.45
E-11	6-Oct-03	20.48	0.021	0.009	0.160	88.9	0.32	7.21	881	7
	15-Jan-04	19.93	0.024	0.007	0.020	-74.6	0.30	7.08	1098	clear
	30-Mar-04	20.03	0.023	na	0.010	-94.2	0.39	7.04	1087	clear
	25-Jun-04	20.48	0.025	0.001	0.010	30.4	0.28	6.95	1104	0.61
	21-Sep-04	20.44	0.019	0.014	0.050	-29.5	7.64*	7.12	887	0.72
	1-Dec-04	19.79	0.010	0.003	0.010	25.7	2.99*	7.12	1034	0.65
	9-Feb-05	19.92	0.011	0.005	0.010	38.1	0.11	7.28	1012	2.50
	12-May-05	20.29	0.008	0.005	0.010	-46.9	0.21	7.10	1124	0.29
	17-Aug-05	20.30	0.015	0.014	0.000	74.3	0.50	7.10	949	clear
	1-Nov-05	20.18	0.011	0.020	0.020	69.6	0.36	7.16	1041	4.5 [x]
	15-Mar-06	19.50	0.011	0.009	0.000	32.0	0.13	7.24	1149	clear
	22-May-06	20.08	<0.05**	<0.04**	<0.10**	147.6	0.14	7.16	1274	0.04
	20-Sep-06	20.92	<0.05**	<0.04**	<0.10**	-44.2	0.14	7.20	832	clear
	6-Dec-06	19.59	0.003	0.06	0.00	-42.1	1.21[b]	7.49	1053	0.27
	23-May-07	20.45	0.000	0.02	0.00	-131.8	0.18	7.23	1078	0.28
	1-Nov-07	19.60	0.008	0.01	0.12	8.9	0.51	7.25	924	2.00
	4-Jun-08	20.11	0.007	0.00	0.02	128.5[d]	0.38	6.89	978	2.00
	5-Nov-08	19.91	0.004	0.01	0.03	6.5	0.42	7.19	1076	10.20
	13-May-09	20.11	0.017	0.01	0.03	-74.8	0.09	7.13	1040	5.65
	16-Nov-09	19.71	0.021	0.01	0.01	104.7	0.08	7.52	1320	0.02
	26-May-10	19.83	0.014	0.10	0.00	382.4[e]	0.19	7.20	1296	0.00
	17-Dec-10	18.47	0.000	0.01	0.00	-1.0	0.96	7.26	978	81.6
	18-May-11	19.86	0.008	0.00	0.00	6.3	1.18	7.34	970	0.30
	18-Nov-11	18.77	0.000[L]	0.02	0.00[L]	-31.2	0.43	7.15	900	0.68
	12-Jun-12	20.5	0.000[L]	0.00	0.00[L]	55.0	0.15	7.04	924	0.30
	30-Nov-12	19.34	na	0.00	0.00	-11.9	0.4	7.02	1023	0.00
	7-Jun-13	20.08	0.000	na	0.00	28.8	0.21	7.37	1026	0.57
	17-Jun-13	20.78	na	0.00	na	78.8	0.33	7.23	1000	0.52
	8-Nov-13	19.5	0.00	0.00	0.00	-202.9	0.3	7.17	1028	1.34
	15-May-14	20.93	0.10	0.12	0.00	-88.9	0.26	7.26	1021	0.23
	5-Dec-14	20.2	0.01	4.00	0.05	206.7	0.34	7.27	1012	NM
	1-Jul-15	21.58	0.00	0.02	0.00	80.0	2.48	7.26	977	7.47
E-8	1-Jul-15	20.24	0.00	0.01	0.55	-43.0	9.02	8.41	1530	0.00

Table 7-3
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Mountain View, California

Well Number	Date Sampled	Temperature (°C)	Nitrite (mg/l)	Sulfide (mg/l)	Ferrous Iron (mg/l)	ORP (mV)	Dissolved Oxygen (mg/l)	pH	Conductivity (µmhos)	Turbidity (NTU)
E-9	2-Oct-03	20.60	0.000	0.027	0.000	-9.9	1.42	7.15	698	2
	14-Jan-04	19.68	0.008	0.025	0.080	-33.9	0.27	7.06	1298	clear
	30-Mar-04	18.74	0.031	0.062	0.050	48.8	0.38	7.06	1087	clear
	23-Jun-04	19.74	0.018	0.024	0.280	-1.7	0.28	6.92	1129	1.24
	21-Sep-04	21.56	0.005	0.025	0.090	-155.6	6.23*	7.11	1005	clear
	1-Dec-04	20.44	0.018	0.018	0.030	-94.4	2.26*	7.00	1288	0.87
	9-Feb-05	19.14	0.019	0.000	0.040	-13.2	0.15	7.69	1281	0.00
	11-May-05	19.12	0.014	0.031	0.010	-27.3	0.26	7.05	1459	0.49
	18-Aug-05	19.28	0.022	0.033	0.090	23.7	0.56	7.11	1187	1.00
	4-Nov-05	19.89	0.018	0.013	0.010	42.5	1.64	7.16	1350	-0.60
	15-Mar-06	18.67	0.072	0.007	0.010	1.7	0.83	6.88	1266	clear
	18-May-06	18.70	<0.05**	<0.04**	<0.10**	-76.8	0.18	7.11	1337	0.81
	20-Sep-06	19.73	<0.05**	<0.04**	0.11**	-52.5	2.41	7.11	82[a]	0.00
	5-Dec-06	18.86	0.014	0.00	0.16	-151.2	0.89	7.52	1084	1.27
	22-May-07	17.52	0.010	0.00	0.04	-126.7	0.24	7.37	1109	1.46
	5-Nov-07	19.03	0.018	0.00	0.15	-89.2	0.06	7.25	1188	2.60
	4-Jun-08	18.19	0.015	0.03	0.07	5.1	0.24	7.56	1347	2.50
	5-Nov-08	18.85	0.013	0.00	0.02	-58.5	0.27	7.12	1408	21.00
	12-May-09	18.50	0.009	0.01	0.00	27.5	0.17	7.09	1318	0.49
	16-Nov-09	18.55	0.020	0.02	0.08	17.4	0.17	7.37	1666	1.18
	27-May-10	17.04	0.000	0.00	0.00	232.3[e]	0.44	7.29	1607	3.54
	17-Dec-10	17.40	0.000	0.03	0.00	47.0	0.95	7.13	1480	27.2
	18-May-11	17.03	0.000	0.00	0.00	-16.8	0.25	7.12	1169	0.8
	18-Nov-11	16.53	0.000[L]	0.06	0.00[L]	-183.1	0.6	7.2	1188	2.32
	13-Jun-12	18.21	0.000[L]	0.00	0.00[L]	-41.9	0.07	7.07	1260	0.33
	30-Nov-12	18.62	na	0.00	0.02	-28.5	0.96	6.9	1420	0.28
	7-Jun-13	18.31	0.000	na	0.00	30.0	0.36	7.47	1509	0.59
	17-Jun-13	19.15	na	0.00	na	62.6	0.27	7.11	1476	3.86
	7-Nov-13	19.91	0.01	0.02	0.09	-58.9	0.44	7.02	1427	2.79
	15-May-14	19.19	0.16	0.01	0.00	23.0	0.26	7.09	1413	0.01
	5-Dec-14	19.40	0.017	8.00	0.00[L]	428.6	0.2	7.14	1481	NM
	1-Jul-15	20.34	0.150	0.01	0.09	38.0	0.91	8.18	1550	0
E-15	30-Sep-03	22.02	0.069	0.082	0.960	130.9	0.38	7.01	1545	94
	14-Jan-04	18.82	0.016	0.000	0.220	47.9	0.26	6.97	1666	clear
	30-Mar-04	18.92	0.000	0.000	0.000	110.5	0.36	6.88	1494	clear
	23-Jun-04	20.65	0.026	0.001	0.000	24.3	0.30	6.81	1484	0.78
	21-Sep-04	20.20	0.007	0.007	0.020	-72.2	5.5*	6.98	1231	4
	1-Dec-04	19.76	0.018	-0.001	0.030	24.6	2.69*	6.90	1527	1
	9-Feb-05	19.59	0.021	0.010	0.040	55.2	0.09	7.14	1534	0.57
	11-May-05	19.60	0.014	0.015	0.010	20.6	2.21[+]	6.42	1988	1.22
	18-Aug-05	19.33	0.020	0.001	0.010	46.6	0.50	7.02	1401	0.71
	4-Nov-05	19.20	0.022	0.001	0.020	54.3	0.74	7.10	1620	0.90
	15-Mar-06	18.00	0.038	0.004	0.040	-22.7	0.17	7.20	1744	clear
	18-May-06	19.61	<0.05**	<0.04**	0.23**	-63.5	0.13	7.05	1863	na
	20-Sep-06	21.62	<0.05**	<0.04**	<0.10**	10.9	0.13	7.11	1416	clear
	5-Dec-06	19.43	0.004	0.02	0.06	-49.2	0.29	7.13	1705	0.92
	22-May-07	18.32	0.027	0.02	0.01	-76.1	0.27	7.11	1610	1.95
	5-Nov-07	18.79	0.014	0.10	0.01	-76.3	0.09	7.11	1384	1.20
	4-Jun-08	20.31	0.017	0.00	0.01	-8.0	0.49	6.75	1632	0.30
	5-Nov-08	18.94	0.017	0.04	0.02	-72.7	0.48	7.07	1686	3.30
	12-May-09	19.66	0.017	0.02	0.02	-61.7	0.19	7.12	1524	1.43
	16-Nov-09	18.70	0.017	0.01	0.05	78.4	0.19	7.23	1982	2.28
	27-May-10	17.52	0.000	0.04	0.00	15.9	0.21	7.15	1989	0.00
	17-Dec-10	18.13	0.000	0.05	0.00	-68.0	1.51	7.12	1510	61.9
	18-May-11	17.91	0.000	0.03	0.00	-35.9	0.35	7.02	1429	1.10
	18-Nov-11	18.1	0.000[L]	0.03	0.00[L]	-121.3	0.16	7.92	1403	1.04
	13-Jun-12	18.31	0.000[L]	0.00	0.00[L]	-36.1	0.08	6.96	1379	0.71
	30-Nov-12	17.86	na	0.24	0.14	1073.0	0.43	7.08	1649	0.13
	7-Jun-13	18.77	0.000	na	0.00	-6.9	0.83	7.14	1576	1.01
	17-Jun-13	21.54	na	0.00	na	-12.9	0.42	7.22	1574	1.51
	7-Nov-13	19.88	0.14	0.48	1.65	-126.3	0.18	7.07	1598	5.44
	15-May-14	21.59	0.24	0.03	0.00	-118.8	0.27	7.2	1562	1.42
	5-Dec-14	18.77	0.03	31.00	1.14	45.0	0.74	7.24	888	15.1
	1-Jul-15	21.15	0.04	0.81	0.05	-82.0	1.39	7.31	1010	22.7
ES-3I	1-Jul-15	20.41				142.0	4.89	7.08	998	9

Table 7-3
Historical Field Results for Natural Attenuation Parameters
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Well Number	Date Sampled	Temperature (°C)	Nitrite (mg/l)	Sulfide (mg/l)	Ferrous Iron (mg/l)	ORP (mV)	Dissolved Oxygen (mg/l)	pH	Conductivity (µmhos)	Turbidity (NTU)
NC-1S	1-Oct-03	19.53	0.007	0.000	0.000	142.9	0.47	7.08	1601	1
	13-Jan-04	19.01	0.030	0.019	0.004	200.9	1.17	7.20	1639	clear
	29-Mar-04	19.59	0.016	0.005	0.000	124.0	0.22	6.99	1390	clear
	23-Jun-04	19.20	0.018	0.001	0.000	120.9	0.33	6.89	1385	0.67
	21-Sep-04	20.36	0.007	0.001	0.020	14.7	4.57*	7.15	1250	1
	1-Dec-04	19.99	0.021	0.007	0.010	-4.1	1.61*	7.10	1449	0.79
	9-Feb-05	19.41	0.015	0.001	0.010	37.4	0.52	7.57	1352	0
	11-May-05	19.28	0.011	0.006	0.020	6.2	2.12[+]	6.60	1690	0.79
	16-Aug-05	19.60	0.010	0.005	0.010	95.9	0.88	7.01	1303	1.30
	1-Nov-05	19.72	0.039	0.009	0.040	16.2	1.05	7.09	na	0.50
	14-Mar-05	18.97	0.023	0.019	0.000	35.3	0.56	7.30	1382	clear
	18-May-06	18.75	<0.05**	<0.04**	<0.10**	93.6	0.80	7.13	1355	na
	20-Sep-06	19.54	<0.05**	<0.04**	<0.10**	-256.9	0.21	7.31	1173	0.00
	5-Dec-06	20.05	0.008	0.00	0.00	35.6	0.53	7.44	1516	0.25
	21-May-07	19.74	0.018	0.00	0.00	-15.5	0.31	7.14	1431	0.43
	1-Nov-07	19.84	0.019	0.00	0.06	-11.4	0.46	7.19	1284	2.40
	3-Jun-08	19.19	0.036	0.01	0.00	-2.2	0.74	7.55	1518	0.40
	6-Nov-08	20.03	0.000	0.01	0.00	20.1	0.30	7.13	1717	7.00
	12-May-09	19.28	0.019	0.00	0.00	106.2	0.79	7.11	1590	0.13
	16-Nov-09	19.66	0.014	0.01	0.11	6.0	0.56	7.23	2097	0.87
	27-May-10	18.27	0.000	0.01	0.00	231.3[e]	0.83	7.28	2033	1.25
	16-Dec-10	18.68	0.000	0.01	0.00	35.0	1.78	7.24	1670	0
	19-May-11	17.73	0.000	0.00	0.00	41.3	0.74	7.17	1575	1.5
	18-Nov-11	18.49	0.000	0.00	0.00	-152.5	0.51	7.15	1540	2.99
	13-Jun-12	19.19	0.000	0.02	0.00	-75.4	0.11	7.16	1498	0.21
	30-Nov-12	18.73	na	0.80	0.21	-54.3	6.57	7.09	266	269
	6-Jun-13	18.76	0.000	na	0.01	-1.7	0.18	7.28	1546	0.6
	17-Jun-13	20.39	na	0.03	na	-79.9	0.33	7.36	1513	1.27
	7-Nov-13	20.04	0.03	0.00	0.15	-93.1	0.70	6.95	1583	1.66
	15-May-14	21.18	0.07	0.00	0.45	-167.3	0.48	7.24	1733	0.1
	4-Dec-14	20.50	0.03	0.01	0.73	-83.0	1.07	6.43	1670	66.3
	1-Jul-15	21.03	0.01	0.00	0.16	0.0	0.86	8.2	2310	0
NC2I	1-Oct-03	19.19	0.010	0.022	0.000	159.9	0.36	7.21	1520	2
	13-Jan-04	19.98	0.030	0.011	0.070	56.5	0.50	7.30	1677	clear
	29-Mar-04	19.46	0.029	0.000	0.000	119.60	3.35	7.36	1478	clear
	23-Jun-04	19.78	0.035	0.001	0.010	151.30	2.48	6.88	1509	0.78
	21-Sep-04	20.10	0.006	0.000	0.020	-21.10	5.71*	7.23	1304	2
	1-Dec-04	19.05	0.006	0.001	-0.010	3.80	1.61*	7.24	1609	1.11
	9-Feb-05	19.39	0.014	0.003	0.010	45.9	0.14	7.32	1486	0.87
	11-May-05	19.80	0.010	na	0.030	35.2	2.04	7.27	1685	0.38
	16-Aug-05	19.34	0.024	0.008	0.020	102.6	0.84	7.11	1440	2.0
	1-Nov-05	19.40	0.014	0.016	0.010	58.9	0.49	7.17	1597	0.70
	14-Mar-06	18.68	0.038	0.008	0.000	58.7	2.70	7.38	1540	clear
	18-May-06	19.44	<0.05**	<0.04**	<0.10**	25.9	2.10	7.39	1618	0.66
	20-Sep-06	19.64	<0.05**	<0.04**	<0.10**	37.1	0.10	7.32	1329	0.00
	5-Dec-06	19.15	0.007	0.01	0.00	61.1	1.02[b]	7.56	1569	0.30
	21-May-07	19.84	0.008	0.00	0.07	-129.2	1.19	7.37	1595	0.57
	1-Nov-07	19.42	0.012	0.00	0.24	-51.5	1.13[c]	7.17	1221	0.10
	3-Jun-08	19.72	0.025	0.00	0.02	231.2	2.23	7.07	1472	0.70
	6-Nov-08	19.09	0.012	0.00	0.00	56.9	0.52	7.35	1642	46.70
	12-May-09	19.52	0.005	0.00	0.05	34.7	1.87	7.28	1552	0.00
	16-Nov-09	19.02	0.024	0.00	0.00	19.2	0.42	7.34	1976	1.16
	27-May-10	18.45	0.000	0.03	0.00	213.1[e]	2.83	7.62	1759	0.00
	16-Dec-10	19.59	0.000	0.00	0.00	-2.0	1.06	7.50	1530	28.7
	19-May-11	18.01	0.000	0.03	0.00	54.2	1.91	7.46	1246	0.7
	18-Nov-11	19.11	0.000[L]	0.09	0.00[L]	-89.2	0.07	7.51	1211	1.03
	13-Jun-12	19.20	0.000	0.00L	0.00[L]	-10.5	0.54	7.35	1109	1.00
	30-Nov-12	19.19	na	0.00	0.00	-33.6	0.24	7.36	1267	0.00
	6-Jun-13	20.80	0.000	na	0.00	71.4	2.82	7.41	1202	1.96
	17-Jun-13	20.09	na	0.01	na	31.0	1.99	7.43	1197	1.66
	7-Nov-13	19.84	0.02	0.03	0.00	-78.2	0.61	7.35	1222	3.21
	15-May-14	20.04	0.06	0.04	0.02	-6.1	2.29	7.49	1210	0.20
	4-Dec-14	20.51	0.02	2.00	0.03	79.0	2.05	8.19	1120	0.00
	1-Jul-15	21.07	0.02	0.02	0.30	71.0	2.26	7.71	1150	2.99

Table 7-3
Historical Field Results for Natural Attenuation Parameters
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Well Number	Date Sampled	Temperature (°C)	Nitrite (mg/l)	Sulfide (mg/l)	Ferrous Iron (mg/l)	ORP (mV)	Dissolved Oxygen (mg/l)	pH	Conductivity (µmhos)	Turbidity (NTU)
PZ-2S	21-May-07	18.32	0.005	0.00	0.03	-124.4	0.18	6.89	1240	0.12
	30-Oct-07	20.01	0.022	0.00	0.04	107.4	0.71	6.68	1040	0.10
	4-Jun-08	18.90	0.017	0.00	0.00	39.5	0.22	7.28	1261	0.00
	5-Nov-08	20.07	0.012	0.00	0.08	135.9	0.44	6.83	1330	47.50
	12-May-09	18.32	0.008	0.05	0.00	59.3	0.49	6.84	1250	0.00
	12-Nov-09	20.00	0.016	0.00	0.01	111.9	0.20	6.87	1416	1.7
	27-May-10	18.58	0.000	0.00	0.00	134.1	0.12	6.91	1568	0.71
	16-Dec-10	19.91	0.000	0.03	0.00	94.0	1.15	7.00	1380	0.00
	19-May-11	19.41	0.014	0.02	0.00	27.9	0.39	6.76	1149	1.60
	18-Nov-11	18.39	0.000	0.15	0.90	-210.0	0.70	6.72	1392	2.75
	13-Jun-12	19.72	0.000	0.00	0.82	-83.2	0.05	6.54	1168	0.88
	29-Nov-12	19.97	na	0.00	1.00	-64.0	0.37	6.53	1321	1.78
	6-Jun-13	19.32	0.000	na	1.18	-5.6	0.25	6.95	1323	0.41
	17-Jun-13	18.76	na	0.00	na	17.4	0.68	6.71	1275	0.20
	8-Nov-13	19.83	0.01	0.00	1.27	-115.1	0.92	6.70	1295	2.14
	15-May-14	19.32	0.08	0.14	3.30	-139.2	0.59	6.67	1370	0.86
	4-Dec-14	21.17	0.02	45.00	2.12	-148.0	2.32	8.35	1270	0.49
	1-Jul-15	20.39	0.20	0.01	2.54	-66.0	1.58	7.10	1240	16.90
T-11	21-May-07	19.49	0.012	0.41	0.31	-197.5	0.31	7.52	889	6.76
	30-Oct-07	20.03	0.016	0.04	0.26	-69.8	0.66	7.43	741	2.90
	4-Jun-08	19.78	0.004	>1.6	0.47	-316.6	0.28	7.07	939	3.50
	5-Nov-08	19.77	0.016	0.21	0.79	-201.7	0.58	7.64	961	6.20
	12-May-09	19.91	0.006	0.04	0.39	-156.0	0.15	7.44	906	1.12
	12-Nov-09	19.96	0.011	0.20	0.36	-105.6	0.09	7.55	980	2.46
	27-May-10	20.09	0.000	0.03	0.00	-92.5	0.11	7.63	1124	0.00
	16-Dec-10	19.19	0.000	0.00	0.00	-126.0	1.78	7.67	1000	11.9
	19-May-11	21.59	0.000	0.00	0.02	-83.1	0.31	7.40	887	4.9
	18-Nov-11	19.20	0.000	0.02	0.12	-164.3	0.04	7.90	828	1.06
	13-Jun-12	21.01	0.000	0.00	0.00	-71.1	0.27	7.02	826	0.72
	29-Nov-12	19.51	na	0.46	0.02	-132.5	0.29	7.36	907	5.86
	6-Jun-13	21.15	0.000	na	0.19	-90.8	0.11	7.82	912	1.74
	17-Jun-13	19.76	na	0.02	na	-36.2	0.41	7.56	903	1.96
	8-Nov-13	19.76	0.006	0.51	0.49	-237.1	0.16	7.53	919	3.38
	15-May-14	20.9	0.071	0.06	0.25	-144.1	0.23	7.61	905	0.39
	4-Dec-14	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1-Jul-15	20.65	0.02	0.001	0.2	-4	1.29	8.21	1020	0

Data entered by CC. Data QA/QC by KC.

Notes:

Nitrite, sulfide, and ferrous iron were analyzed on a Hach DR/2010 Spectraphotometer or DR/700 colorimeter.

Oxidation-reduction potential (ORP), dissolved oxygen (DO), pH, and conductivity were measured by YSI 556 MPS flow-through cell.

* = The DO meter used during the third and fourth quarter 2004 sampling events appears to have been malfunctioning.

+ = The DO meter used on E-15 and NC-1S during the second quarter 2005 sampling event appears to have been malfunctioning and was replaced on May 12, 2005.

x = The turbidity readings taken at wells S-12, S-16, T-32I, and E-11 during the fourth quarter 2005 sampling event were abnormally high. Analytical results for VOCs were within historical ranges.

** = Nitrite, sulfide, and ferrous iron samples were measured by Curtis & Tompkins, Ltd., for the second and third quarters of 2006.

a = Conductivity reading anomalously low and not within range of historical measurements.

b = DO meter #1 used during the fourth quarter 2006 sampling event appeared to be out of calibration, possibly due to cold weather.

c = DO meter used on November 1, 2007 was giving erroneous measurements; meter was re-calibrated.

d = ORP meter used on June 3, 2008 was giving erroneous measurements; meter was re-calibrated.

e = ORP meter used during second quarter 2010 sampling event was giving erroneous measurements.

Acronyms and Abbreviations:

mg/l = milligrams per liter
MNA = monitored natural attenuation
mV = millivolts
µmhos = micromhos
na = not available
NS = not sampled; RA-1 and T-32I are not sampled for MNA for the duration of the pilot study. T-11 was unable to be opened and therefore was not sampled during the December 2014 annual event.
NTU = nephelometric turbidity units

Instrument Qualifiers:

L = Concentrations were above or below the measurable limits for the equipment.

Table 7-4
Laboratory Results for Geochemical Parameters
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Well Number	Date Sampled	Notes	Nitrate (mg/l)	Sulfate (mg/l)	Total Iron (mg/l)	Manganese (mg/l)	Ethane (ng/l)	Ethene (ng/l)	Hydrogen (nM)	Methane (ng/l)	TOC (mg/l)
S-12	2-Oct-03		5.6	200	<0.050	0.20	<5.0	6	1.4	NM	NM
	14-Jan-04		12	270	<0.050	0.19	<5.0	<5.0	26	NM	NM
	31-Mar-04		5.7	200	<0.050	0.15	<5.0	<5.0	3.2	NM	NM
	24-Jun-04		11	230	0.053	0.22	<5.0	11	65	NM	NM
	22-Sep-04		6.2	190	<0.050	0.22	<5.0	<5.0	17	NM	NM
	2-Dec-04		6.7	200	<0.050	0.19	<5.0	<5.0	10	NM	NM
	14-Mar-05		4.9	170	NM	0.27	<5.0	<5.0	4.3	NM	NM
	10-May-05		5.2	220	<0.050	0.34	<10	<10	3.1	NM	NM
	16-Aug-05		5.0	170	<0.050	0.25	<10	<10	2.5	NM	NM
	2-Nov-05		5.0	180	0.130	2.70	<10	<10	3.0	NM	NM
	14-Mar-06		0.94	170	0.140	1.80	<10	<10	11.0	NM	NM
	22-May-06		0.81	170	<0.100	0.36	<5	<5000	2.6	NM	NM
	20-Sep-06		0.76	160	<0.100	0.54	<10	<10	1.6	NM	NM
	6-Dec-06		0.9	170	<0.100	0.32	<10	<10	2.2	NM	NM
	21-May-07		0.88	160J	<0.100	NM	<10	<10	0.91	NM	NM
	31-Oct-07		0.99	170	<0.100	NM	<25	<25	NM	NM	NM
	4-Jun-08		0.76	140	<0.100	NM	<25	<25	NM	710	NM
	5-Nov-08		0.85	160	<0.100	NM	<25	<25	NM	470	NM
	12-May-09		0.71	140	<0.100	NM	<25	<25	NM	420	NM
	12-Nov-09		0.86	160	<0.100	NM	<25	<25	NM	320	NM
	27-May-10		0.50	140	<0.100	NM	<25	<25	NM	360	NM
	17-Dec-10		0.68	140	0.130	NM	<25	<25	NM	2,800	NM
	19-May-11		0.68	150	<0.100	NM	<25	<25	NM	240	NM
	18-Nov-11		0.65	140	<0.100	NM	<25	31	NM	750	NM
	13-Jun-12		0.69	140	<0.100	NM	<25	44	NM	270	NM
	30-Nov-12		1.30	130	<0.100	NM	<25	<25	NM	340	NM
	7-Jun-13	**	0.61	150	<0.100	NM	<25	<25	NM	1,400	NM
	7-Nov-13		0.68	150	0.150	NM	53	<25	NM	360	NM
	15-May-14		0.50	150	<0.100	NM	41	<25	NM	390	NM
	5-Dec-14		0.60	140	<0.100	NM	<25	<25	NM	230	NM
	1-Jul-15		0.49	130	<0.100	NM	<100	150	NM	640	0.66
S-16I	2-Oct-03		13	160	<0.050	<0.010	<5.0	<5.0	1.3	NM	NM
	20-Jan-04		12	160	<0.050	<0.010	<5.0	<5.0	0.90	NM	NM
	31-Mar-04		13	160	<0.050	<0.010	<5.0	6	1.1	NM	NM
	24-Jun-04		37	190	<0.050	<0.010	<5.0	14	710	NM	NM
	22-Sep-04		13	160	<0.050	<0.010	<5.0	8	47	NM	NM
	2-Dec-04		17	170	<0.050	<0.010	<5.0	<5.0	0.94	NM	NM
	10-Feb-05		13	170	0.066	<0.010	<5.0	<5.0	2.1	NM	NM
	10-May-05		15	180	<0.050	<0.010	<10	<10	<1.0	NM	NM
	16-Aug-05		12	140	<0.050	<0.010	<10	<10	<1.0	NM	NM
	2-Nov-05		13	170	<0.050	<0.010	<10	<10	0.64	NM	NM
	14-Mar-06		2.9	150	0.055	<0.010	<10	<10	0.94	NM	NM
	19-May-06		2.9	150	<0.100	0.010	<5000	<5000	0.81	NM	NM
	20-Sep-06		2.9	140	<0.100	<0.010	<10	<10	0.86	NM	NM
	6-Dec-06		3.0	140	0.240	<0.0050	<10	<10	1.5	NM	NM
	21-May-07		3.0	140J	<0.100	NM	<10	<10	0.77	NM	NM
	31-Oct-07		3.0	140	<0.100	NM	<25	<25	NM	NM	NM
	5-Jun-08		2.8	130	<0.100	NM	<25	<25	NM	350	NM
	5-Nov-08		3.3	140	<0.100	NM	<25	<25	NM	<100	NM
	12-May-09		3.0	120	<0.100	NM	<25	<25	NM	150	NM
	12-Nov-09		3.4	140	<0.100	NM	<25	<25	NM	150	NM
	27-May-10		3.2	130	<0.100	NM	<25	<25	NM	140	NM
	17-Dec-10		3.0	130	<0.100	NM	<25	<25	NM	3,700	NM
	19-May-11		3.1	130	<0.100	NM	<25	<25	NM	110	NM
	18-Nov-11		3.1	130	<0.100	NM	<25	31	NM	110	NM
	13-Jun-12		3.1	130	<0.100	NM	<25	50	NM	<100	NM
	29-Nov-12		3.1	130	<0.100	NM	<25	<25	NM	760	NM
	6-Jun-13	**	2.9	120	<0.100	NM	<25	<25	NM	250	NM
	7-Nov-13		3.0	120	<0.100	NM	39	<25	NM	530	NM
	15-May-14		3.0	130	<0.100	NM	<25	<25	NM	610	NM
	5-Dec-14		3.0	130	<0.100	NM	<25	31	NM	120	NM
	1-Jul-15		2.8	120	<0.100	NM	<100	<100	NM	<500	<0.50

Table 7-4

Laboratory Results for Geochemical Parameters

Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites

Mountain View, California

Well Number	Date Sampled	Notes	Nitrate (mg/l)	Sulfate (mg/l)	Total Iron (mg/l)	Manganese (mg/l)	Ethane (ng/l)	Ethene (ng/l)	Hydrogen (nM)	Methane (ng/l)	TOC (mg/l)
RA-1	6-Oct-03		17	200	<0.050	0.057	8	10	1.6	NM	NM
	13-Jan-04		15	180	<0.050	0.064	6	7	0.65	NM	NM
	31-Mar-04		16	200	<0.050	0.056	7	8	1.8	NM	NM
	24-Jun-04		30	240	<0.050	0.053	7	14	680	NM	NM
	22-Sep-04		17	170	0.20	<0.010	<5.0	8	17	NM	NM
	2-Dec-04		20	200	<0.050	<0.010	<5.0	<5.0	0.81	NM	NM
	10-Feb-05		16	180	<0.050	<0.010	<5.0	<5.0	0.38	NM	NM
	11-May-05		16	220	<0.050	<0.010	<10	<10	1.40	NM	NM
	17-Aug-05		14	200*	<0.050	<0.010	<10	<10	<1.0	NM	NM
	4-Nov-05		18	190	<0.050	<0.010	<10	<10	1.0	NM	NM
	4-Nov-05	duplicate	17	190	<0.050	<0.010	<10	<10	<0.60	NM	NM
	14-Mar-06		NS	NS	NS	NS	NS	NS	NS	NS	NS
	18-May-06		NS	NS	NS	NS	NS	NS	NS	NS	NS
	20-Sep-06		NS	NS	NS	NS	NS	NS	NS	NS	NS
	5-Dec-06		NS	NS	NS	NS	NS	NS	NS	NS	NS
	31-Dec-07		NS	NS	NS	NS	NS	NS	NS	NS	NS
	5-Jun-08		NS	NS	NS	NS	NS	NS	NS	NS	NS
	12-Nov-09		NS	NS	NS	NS	NS	NS	NS	NS	NS
	27-May-10		NS	NS	NS	NS	NS	NS	NS	NS	NS
	16-Dec-10		NS	NS	NS	NS	NS	NS	NS	NS	NS
	15-May-11		NS	NS	NS	NS	NS	NS	NS	NS	NS
	18-Nov-11		NS	NS	NS	NS	NS	NS	NS	NS	NS
	13-Jun-12		NS	NS	NS	NS	NS	NS	NS	NS	NS
	30-Nov-12		NS	NS	NS	NS	NS	NS	NS	NS	NS
	6-Jun-13		NS	NS	NS	NS	NS	NS	NS	NS	NS
	8-Nov-13		NS	NS	NS	NS	NS	NS	NS	NS	NS
	15-May-14		NS	NS	NS	NS	NS	NS	NS	NS	NS
T-32I	6-Oct-03		6.6	210	<0.050	0.048	14	30	33	NM	NM
	6-Oct-03	duplicate	7.6	220	<0.050	0.049	14	32	1.9	NM	NM
	13-Jan-04		6.7	210	<0.050	0.067	13	21	2.6	NM	NM
	31-Mar-04		7.3	200	<0.050	0.050	13	23	1.1	NM	NM
	31-Mar-04	duplicate	7.5	200	<0.050	0.048	na	na	na	NM	NM
	24-Jun-04		16.0	260	<0.050	0.025	14	40	160	NM	NM
	22-Sep-04		7.5	190	<0.050	0.052	15	27	8.0	NM	NM
	2-Dec-04		9.3	200	<0.050	0.034	16	21	0.83	NM	NM
	10-Feb-05		7.6	190	<0.050	0.048	12	19	0.03	NM	NM
	11-May-05		8.4	220	<0.050	0.051	13	26	<1.0	NM	NM
	17-Aug-05		7.2	200*	<0.050	0.054	12	23	<1.0	NM	NM
	4-Nov-05		7.7	190	<0.050	0.046	16	23	0.61	NM	NM
	14-Mar-06		NS	NS	NS	NS	NS	NS	NS	NS	NS
	18-May-06		NS	NS	NS	NS	NS	NS	NS	NS	NS
	20-Sep-06		NS	NS	NS	NS	NS	NS	NS	NS	NS
	5-Dec-06		NS	NS	NS	NS	NS	NS	NS	NS	NS
	31-Oct-07		NS	NS	NS	NS	NS	NS	NS	NS	NS
	5-Jun-08		NS	NS	NS	NS	NS	NS	NS	NS	NS
	12-Nov-09		NS	NS	NS	NS	NS	NS	NS	NS	NS
	27-May-10		NS	NS	NS	NS	NS	NS	NS	NS	NS
	16-Dec-10		NS	NS	NS	NS	NS	NS	NS	NS	NS
	19-May-11		NS	NS	NS	NS	NS	NS	NS	NS	NS
	18-Nov-11		NS	NS	NS	NS	NS	NS	NS	NS	NS
	13-Jun-12		NS	NS	NS	NS	NS	NS	NS	NS	NS
	30-Nov-12		NS	NS	NS	NS	NS	NS	NS	NS	NS
	6-Jun-13		NS	NS	NS	NS	NS	NS	NS	NS	NS
	8-Nov-13		NS	NS	NS	NS	NS	NS	NS	NS	NS
	15-May-14		NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 7-4

Laboratory Results for Geochemical Parameters

Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites

Mountain View, California

Well Number	Date Sampled	Notes	Nitrate (mg/l)	Sulfate (mg/l)	Total Iron (mg/l)	Manganese (mg/l)	Ethane (ng/l)	Ethene (ng/l)	Hydrogen (nM)	Methane (ng/l)	TOC (mg/l)
E-2	6-Oct-03		7.5	320	<0.050	0.65	41	43	1.2	NM	NM
	20-Jan-04		6.8	310	<0.050	0.66	26	22	0.92	NM	NM
	30-Mar-04		6.7	360	<0.050	0.96	28	32	0.95	NM	NM
	25-Jun-04		13.0	530	<0.050	1.40	39	42	150	NM	NM
	25-Jun-04		13.0	540	<0.050	1.30	34	85	na	NM	NM
	20-Sep-04		8.0	370	<0.050	1.30	36	36	13	NM	NM
	30-Nov-04		8.8	420	<0.050	0.80	36	28	0.45	NM	NM
	9-Feb-05		6.1	350	<0.050	0.74	22	22	0.29	NM	NM
	12-May-05		6.4	410	<0.050	1.30	26	36	<1.0	NM	NM
	17-Aug-05		5.7	320*	<0.050	1.40	26	35	<1.0	NM	NM
	1-Nov-05		6.5	300	<0.050	1.20	39	49	1.1	NM	NM
	15-Mar-06		1.2	280	0.058	0.66	27	32	0.98	NM	NM
	15-Mar-06	duplicate	1.2	280	0.055	0.64	27	31	1.2	NM	NM
	22-May-06		1.7	290	<0.100	1.30	<5000	<5000	0.94	NM	NM
	20-Sep-06		1.5	260	<0.100	1.30	31	36	1.1	NM	NM
	6-Dec-06		1.3	240	<0.100	0.54	16	60	1.6	NM	NM
	22-May-07		1.2	240	<0.100	NM	25	48	0.90	NM	NM
	1-Nov-07		0.9	240	<0.100	NM	34	150	NM	NM	NM
	3-Jun-08		1.0	230	<0.100	NM	26	56	NM	2,800	NM
	5-Nov-08		1.0	230	<0.100	NM	31	730	NM	19,000	NM
	13-May-09		0.8	220	<0.100	NM	32	77	NM	4,900	NM
	12-Nov-09		0.9	230	<0.100	NM	30	98	NM	5,700	NM
	26-May-10		0.87	240	<0.100	NM	<25	32	NM	2,800	NM
	16-Dec-10		0.85	210	2.000	NM	<25	65	NM	1,100	NM
	18-May-11		0.98	240	<0.100	NM	28	80	NM	2,200	NM
	16-Nov-11		0.96	210	<0.100	NM	26	490	NM	2,600	NM
	12-Jun-12		0.65	180	<0.100	NM	<25	250	NM	46,000	NM
	30-Nov-12		0.58	170	<0.100	NM	26	78	NM	55,000	NM
	7-Jun-13	**	0.47	180	<0.100	NM	91	100	NM	140,000	NM
	8-Nov-13		0.39	180	<0.100	NM	120	150	NM	23,000	NM
	15-May-14		<0.05	160	<0.100	NM	210	230	NM	670,000	NM
	5-Dec-14		<0.05	160	<0.100	NM	310	190	NM	1,300,000	NM
	1-Jul-15		<0.05	170	<0.100	NM	320	760	NM	680,000	0.90
E-8	1-Jul-15		0.17	320	0.91	NM	<100	<100	NM	790	0.90
E-11	6-Oct-03		<0.50	270	<0.050	0.016	13	21	1.4	NM	NM
	15-Jan-04		5.0	290	<0.050	0.01	16	19	0.79	NM	NM
	30-Mar-04		5.6	250	<0.050	0.019	15	23	0.96	NM	NM
	25-Jun-04		13.0	390	<0.050	0.011	12	22	800	NM	NM
	21-Sep-04		7.0	270	<0.050	0.015	13	15	13	NM	NM
	1-Dec-04		9.4	250	<0.050	0.023	8.5	14	0.80	NM	NM
	9-Feb-05		7.5	210	<0.050	<0.010	6.0	9.4	0.27	NM	NM
	12-May-05		8.4	260	<0.050	<0.010	<10	14	<1.0	NM	NM
	17-Aug-05		7.2	210*	<0.050	0.014	<10	13	<1.0	NM	NM
	1-Nov-05		8.2	200	<0.050	<0.010	<10	<10	1.6	NM	NM
	15-Mar-06		1.6	210	0.072	<0.010	<10	12	0.95	NM	NM
	22-May-06		1.8	210	<0.100	<0.010	<5000	<5000	0.87	NM	NM
	20-Sep-06		1.8	190	<0.100	0.024	<10	14	1.0	NM	NM
	6-Dec-06		1.8	190	<0.100	0.0075	<10	<10	1.4	NM	NM
	23-May-07		1.8	180	<0.100	NM	<10	13	0.77	NM	NM
	1-Nov-07		1.8	190	<0.100	NM	<25	36	NM	NM	NM
	4-Jun-08		1.8	170	<0.100	NM	<25	<25	NM	2,400	NM
	5-Nov-08		2.0	180	<0.100	NM	<25	64	NM	64,000	NM
	13-May-09		1.8	160	<0.100	NM	<25	29	NM	18,000	NM
	16-Nov-09		2.0	180	<0.100	NM	<25	47	NM	50,000	NM
	26-May-10		2.0	170	<0.100	NM	<25	<25	NM	1,700	NM
	17-Dec-10		2.0	160	<0.100	NM	<25	48	NM	13,000	NM
	18-May-11		2.1	180	<0.100	NM	<25	32	NM	620	NM
	16-Nov-11		2.1	170	<0.100	NM	<25	490	NM	410	NM
	12-Jun-12		2.0	160	<0.100	NM	<25	44	NM	<100	NM
	30-Nov-12		2.1	150	<0.100	NM	<25	27	NM	280	NM
	7-Jun-13	**	2.0	150	<0.100	NM	<25	<25	NM	1,300	NM
	8-Nov-13		2.1	150	0.130	NM	96.0	<25	NM	1,200	NM
	15-May-14		2.2	160	<0.100	NM	<25	<25	NM	2,500	NM
	5-Dec-14		2.1	150	<0.100	NM	<25	<25	NM	1,600	NM
	1-Jul-15		2.1	140	<0.100	NM	<100	<100	NM	820	<0.50

Table 7-4

Laboratory Results for Geochemical Parameters

Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites

Mountain View, California

Well Number	Date Sampled	Notes	Nitrate (mg/l)	Sulfate (mg/l)	Total Iron (mg/l)	Manganese (mg/l)	Ethane (ng/l)	Ethene (ng/l)	Hydrogen (nM)	Methane (ng/l)	TOC (mg/l)
E-9	2-Oct-03		2.3	120	<0.050	0.05	24	14	3.8	NM	NM
	14-Jan-04		<0.50	260	<0.050	0.32	22	14	0.84	NM	NM
	30-Mar-04		<0.50	250	0.100	0.28	20	17	1.0	NM	NM
	23-Jun-04		11.0	380	0.078	na	29	29	140	NM	NM
	21-Sep-04		1.2	280	0.059	0.69	22	13	20	NM	NM
	1-Dec-04		<0.50	320	<0.050	0.85	21	39	1.3	NM	NM
	9-Feb-05		1.0	350	<0.050	0.53	46	21	0.36	NM	NM
	11-May-05		<0.5	490	<0.050	0.093	44	18	<1.0	NM	NM
	18-Aug-05		1.0	350	0.076	0.960	85	38	2.3	NM	NM
	4-Nov-05		1.0	350	0.073	0.420	19	22	1.5	NM	NM
	15-Mar-06		<0.05	340	0.100	0.790	16	15	1.4	NM	NM
	19-May-06		<0.05	340	<0.100	0.180	<5000	<5000	0.90	NM	NM
	20-Sep-06		0.75	7.4	0.230	0.087	<10	<10	1.5	NM	NM
	5-Dec-06		<0.05	230	0.180	4.90	20	45	2.5	NM	NM
	22-May-07		<0.05	240	<0.100	NM	<10	15	1.1	NM	NM
	5-Nov-07		<0.05	310	<0.100	NM	<25	320	NM	NM	NM
	4-Jun-08		<0.05	280	<0.100	NM	<25	63	NM	4,100	NM
	5-Nov-08		<0.05	280	<0.100	NM	<25	94	NM	8,900	NM
	12-May-09		<0.05	250	<0.100	NM	<25	33	NM	860	NM
	16-Nov-09		0.06	260	<0.100	NM	<25	670	NM	12,000	NM
	27-May-10		0.05	230	<0.100	NM	<25	34	NM	1,000	NM
	17-Dec-10		0.20	220	0.110	NM	<25	180	NM	39,000	NM
	18-May-11		<0.05	240	<0.100	NM	<25	190	NM	110,000	NM
	18-Nov-11		0.05	250	0.410	NM	32	1200	NM	520,000	NM
	13-Jun-12		<0.05	230	<0.100	NM	<25	100	NM	17,000	NM
	30-Nov-12		0.24	210	<0.100	NM	50	290	NM	47,000	NM
	7-Jun-13	**	<0.25	210	<0.100	NM	<25	190	NM	48,000	NM
	7-Nov-13		<0.05	220	<0.100	NM	48	270	NM	32,000	NM
	15-May-14		<0.05	240	<0.100	NM	<25	47	NM	5,300	NM
	5-Dec-14		0.21	220	<0.100	NM	<25	46	NM	9,100	NM
	1-Jul-15		0.22	240	<0.100	NM	<100	110	NM	42,000	1.5
E-15I	30-Sep-03		<0.50	360	<0.050	0.80	25	20	1.9	NM	NM
	14-Jan-04		11.0	480	<0.050	0.76	23	13	0.84	NM	NM
	30-Mar-04		2.6	380	<0.050	0.82	26	25	0.99	NM	NM
	23-Jun-04		13.0	600	<0.050	na	29	25	450	NM	NM
	21-Sep-04		1.4	470	<0.050	0.90	22	22	0.99	NM	NM
	1-Dec-04		1.5	510	<0.050	0.80	32	22	0.77	NM	NM
	9-Feb-05		1.2	480	2.9	0.90	29	19	0.33	NM	NM
	11-May-05		<0.5	630	<0.050	0.27	20	28	<1.0	NM	NM
	18-Aug-05		1.0	460	<0.050	0.88	28	26	1.2	NM	NM
	4-Nov-05		1.0	490	<0.050	0.87	36	40	0.87	NM	NM
	15-Mar-06		<0.05	450	0.110	0.82	30	22	2.2	NM	NM
	19-May-06		<0.05	450	0.350	1.30	<5000	<5000	1.2	NM	NM
	20-Sep-06		<0.05	430	<0.100	0.710	30	32	2.3	NM	NM
	5-Dec-06		<0.05	450	<0.100	0.810	12	15	1.6	NM	NM
	23-May-07		<0.05	430	<0.100	NM	29	19	0.90	NM	NM
	5-Nov-07		<0.05	450	<0.100	NM	95	110	NM	NM	NM
	4-Jun-08		<0.05	410	<0.100	NM	38	27	NM	3,400	NM
	5-Nov-08		0.14	450	<0.100	NM	50	26	NM	5,600	NM
	12-May-09		<0.05	390	<0.100	NM	34	66	NM	2,000	NM
	16-Nov-09		<0.05	440	<0.100	NM	60	100	NM	7,200	NM
	27-May-10		0.05	430	<0.100	NM	26	<25	NM	680	NM
	17-Dec-10		<0.05	430	<0.100	NM	74	100	NM	16,000	NM
	18-May-11		<0.05	460	<0.100	NM	<25	40	NM	670	NM
	18-Nov-11		<0.05	460	0.110	NM	54	540	NM	14,000	NM
	13-Jun-12		<0.05	440	<0.100	NM	<25	70	NM	540	NM
	30-Nov-12		<0.05	420	<0.100	NM	70	140	NM	11,000	NM
	7-Jun-13	**	<0.50	430	<0.100	NM	31	160	NM	6,800	NM
	7-Nov-13		<0.05	410	0.180	NM	53	650	NM	12,000	NM
	15-May-14		<0.05	420	<0.100	NM	<25	200	NM	660	NM
	5-Dec-14		0.14	210	0.200	NM	<25	150	NM	1,900	NM
	1-Jul-15		<0.05	320	0.550	NM	<100	8000	NM	16,000	1.3

Table 7-4

Laboratory Results for Geochemical Parameters

Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites

Mountain View, California

Well Number	Date Sampled	Notes	Nitrate (mg/l)	Sulfate (mg/l)	Total Iron (mg/l)	Manganese (mg/l)	Ethane (ng/l)	Ethene (ng/l)	Hydrogen (nM)	Methane (ng/l)	TOC (mg/l)
NC-1S	1-Oct-03		<0.50	360	<0.050	<0.010	15	18	1.4	NM	NM
	13-Jan-04		<0.50	400	<0.050	<0.010	12	18	1.3	NM	NM
	29-Mar-04		2.4	320	<0.050	0.024	15	29	1.9	NM	NM
	23-Jun-04		16.0	410	<0.050	na	18	36	940	NM	NM
	21-Sep-04		2.3	320	<0.050	<0.010	12	24	4.3	NM	NM
	1-Dec-04		1.7	370	<0.050	<0.010	12	14	0.88	NM	NM
	10-Feb-05		1.0	290	0.090	<0.010	11	11	0.40	NM	NM
	11-May-05		1.1	330	<0.050	0.017	14	29	<1.0	NM	NM
	16-Aug-05		0.9	260	<0.050	0.011	<10	11	<1.0	NM	NM
	1-Nov-05		1.0	270	0.059	0.016	<10	<10	1.5	NM	NM
	14-Mar-06		<0.05	250	0.092	0.022	13	18	1.8	NM	NM
	19-May-06		<0.05	240	<0.100	<0.010	<5000	<5000	1.1	NM	NM
	20-Sep-06		<0.05	230	<0.100	<0.010	<10	<10	1.2	NM	NM
	6-Dec-06		<0.05	240	<0.100	0.013	<10	<10	1.4	NM	NM
	21-May-07		<0.05	230J	<0.100	NM	<10	13	0.95	NM	NM
	1-Nov-07		<0.05	260	<0.100	NM	<25	<25	NM	NM	NM
	3-Jun-08		<0.05	250	<0.100	NM	<25	<25	NM	4,400	NM
	6-Nov-08		0.09	300	<0.100	NM	<25	28	NM	9,500	NM
	12-May-09		<0.05	290	<0.100	NM	<25	30	NM	2,600	NM
	16-Nov-09		<0.05	310	<0.100	NM	<25	57	NM	1,800	NM
	27-May-10		<0.05	300	<0.100	NM	<25	27	NM	5,300	NM
	16-Dec-10		<0.05	310	<0.100	NM	<25	53	NM	4,400	NM
	19-May-11		<0.05	340	<0.100	NM	<25	32	NM	1,300	NM
	18-Nov-11		0.24	370	<0.100	NM	<25	42	NM	4,100	NM
	13-Jun-12		<0.05	340	0.150	NM	<25	67	NM	8,200	NM
	30-Nov-12		2.6	15	1.10	NM	<25	26	NM	43,000	NM
	6-Jun-13	**	<0.50	290	0.11	NM	<25	47	NM	18,000	NM
	7-Nov-13		<0.05	280	0.23	NM	48	120	NM	36,000	NM
	15-May-14		<0.05	310	0.46	NM	28	140	NM	17,000	NM
	4-Dec-14		<0.05	240	0.96	NM	29	98	NM	19,000	NM
	1-Jul-15		0.12	270	0.19	NM	<100	<100	NM	7,500	2.80
NC2I	1-Oct-03		<0.50	390	<0.050	0.021	12	49	2.4	NM	NM
	13-Jan-04		<0.50	450	<0.050	0.089	14	52	0.58	NM	NM
	29-Mar-04		1.6	360	<0.050	<0.010	6	16	1.2	NM	NM
	23-Jun-04		5.5	520	<0.050	<0.010	7	28	17	NM	NM
	21-Sep-04		1.5	390	<0.050	0.030	13	46	3.9	NM	NM
	1-Dec-04		<0.50	460	<0.050	0.060	15	30	0.75	NM	NM
	9-Feb-05		1.1	390	<0.050	0.12	14	35	0.25	NM	NM
	11-May-05		<0.5	520	<0.050	0.018	12	14	<1.0	NM	NM
	16-Aug-05		1.0	420	<0.050	0.035	13	12	<1.0	NM	NM
	1-Nov-05		1.2	420	<0.050	0.160	14	50	1.2	NM	NM
	14-Mar-06		<0.05	390	0.073	0.091	<10	16	2.7	NM	NM
	19-May-06		0.05	390	<0.100	0.044	<5000	<5000	1.2	NM	NM
	20-Sep-06		<0.05	360	<0.100	0.036	11	23	1.1	NM	NM
	5-Dec-06		<0.05	370	<0.100	0.095	<10	13	1.4	NM	NM
	21-May-07		<0.05	370J	<0.100	NM	<10	13	0.88	NM	NM
	1-Nov-07		<0.05	340	<0.100	NM	<25	59	NM	NM	NM
	3-Jun-08		<0.05	340	<0.100	NM	<25	<25	NM	2,600	NM
	6-Nov-08		<0.05	370	<0.100	NM	<25	110	NM	5,300	NM
	12-May-09		<0.05	330	<0.100	NM	<25	34	NM	2,000	NM
	16-Nov-09		<0.05	350	<0.100	NM	<25	110	NM	3,500	NM
	27-May-10		0.16	300	<0.100	NM	<25	33	NM	1,000	NM
	16-Dec-10		<0.05	300	<0.100	NM	<25	130	NM	14,000	NM
	19-May-11		<0.05	300	<0.100	NM	<25	39	NM	320	NM
	18-Nov-11		<0.05	290	<0.100	NM	25	360	NM	5,900	NM
	13-Jun-12		<0.05	250	<0.100	NM	<25	51	NM	1,700	NM
	30-Nov-12		0.26	310	<0.100	NM	140	120	NM	18,000	NM
	6-Jun-13	**	<0.25	240	<0.100	NM	<25	<25	NM	1,500	NM
	7-Nov-13		0.80	230	<0.100	NM	54	130	NM	29,000	NM
	15-May-14		0.70	220	<0.100	NM	<25	<25	NM	1,000	NM
	4-Dec-14		0.08	190	<0.100	NM	<25	57	NM	3,900	NM
	1-Jul-15		0.16	170	<0.100	NM	<100	<100	NM	2,200	NM

Table 7-4

Laboratory Results for Geochemical Parameters

Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites

Mountain View, California

Well Number	Date Sampled	Notes	Nitrate (mg/l)	Sulfate (mg/l)	Total Iron (mg/l)	Manganese (mg/l)	Ethane (ng/l)	Ethene (ng/l)	Hydrogen (nM)	Methane (ng/l)	TOC (mg/l)
PZ-2S	21-May-07		3.70	160J	<0.100	NM	25	16	0.91	NM	NM
	30-Oct-07		3.40	150	<0.100	NM	27	<25	NM	NM	NM
	4-Jun-08		3.30	140	<0.100	NM	<25	<25	NM	220,000	NM
	5-Nov-08		3.30	160	<0.100	NM	<25	<25	NM	520	NM
	12-May-09		3.00	140	<0.100	NM	36	47	NM	360	NM
	12-Nov-09		3.60	150	<0.100	NM	<25	700	NM	7,200	NM
	27-May-10		2.80	150	<0.100	NM	26	30	NM	340	NM
	16-Dec-10		3.20	140	<0.100	NM	27	55	NM	870	NM
	19-May-11		0.71	150	<0.100	NM	38	55	NM	360	NM
	18-Nov-11		<0.05	6.6	1.10	NM	940	350,000	NM	13,000,000	NM
	13-Jun-12		<0.05	19	1.50	NM	6,400	90,000	NM	19,000,000	NM
	29-Nov-12		<0.05	100	1.30	NM	4,500	76,000	NM	24,000,000	NM
	6-Jun-13	**	<0.25	110	1.00	NM	4,500	39,000	NM	18,000,000	NM
	8-Nov-13		<0.05	120	1.20	NM	1,800	6,500	NM	17,000,000	NM
	15-May-14		<0.05	92	3.80	NM	5,000	15,000	NM	22,000,000	NM
	4-Dec-14		<0.05	130	2.80	NM	6,400	13,000	NM	19,000,000	NM
	1-Jul-15		<0.05	120	2.60	NM	7,300	9,300	NM	18,000,000	NM
T-11	21-May-07		<0.05	120J	0.26	NM	<10	100	2.0	NM	NM
	30-Oct-07		0.20	120	0.410	NM	<25	190	NM	NM	NM
	4-Jun-08		<0.05	94	0.480	NM	<25	620	NM	2,100,000	NM
	5-Nov-08		<0.05	120	0.950	NM	<25	760	NM	100,000	NM
	12-May-09		<0.05	110	0.790	NM	<25	370	NM	41,000	NM
	12-Nov-09		<0.05	120	0.480	NM	<25	<25	NM	140	NM
	27-May-10		<0.05	110	0.490	NM	<25	430	NM	17,000	NM
	16-Dec-10		<0.05	110	0.470	NM	<25	480	NM	15,000	NM
	19-May-11		<0.05	120	0.670	NM	<25	270	NM	10,000	NM
	18-Nov-11		0.07	120	0.950	NM	<25	620	NM	8,700	NM
	13-Jun-12		0.1	110	0.560	NM	<25	180	NM	5,200	NM
	29-Nov-12		<0.05	110	0.510	NM	<25	310	NM	12,000	NM
	6-Jun-13	**	0.37	110	0.580	NM	<25	170	NM	10,000	NM
	8-Nov-13		<0.05	110	0.610	NM	26	360	NM	20,000	NM
	15-May-14		<0.05	120	0.290	NM	<25	160	NM	6,800	NM
	4-Dec-14	(1)	NS	NS	NS	NS	NS	NS	NS	NS	NM
	1-Jul-15		1.30	110	0.19	NM	<100	<100	NM	1100.00	NM
ES3I	7-Nov-13	***	NM	NM	NM	NM	150	840	NM	1,300,000	NM
	15-May-14		NS	NS	NS	NS	NS	NS	NS	NS	NM
	1-Dec-14		NS	NS	NS	NS	NS	NS	NS	NS	NM
ES4I	7-Nov-13	***	NM	NM	NM	NM	6,400	26,000	NM	8,600,000	NM
	15-May-14		NS	NS	NS	NS	NS	NS	NS	NS	NM
	1-Dec-14		NS	NS	NS	NS	NS	NS	NS	NS	NM
ES5S	7-Nov-13	***	NM	NM	NM	NM	2,800	1,400	NM	3,200,000	NM
	15-May-14		NS	NS	NS	NS	NS	NS	NS	NS	NM
	1-Dec-14		NS	NS	NS	NS	NS	NS	NS	NS	NM
MS-1S	9-Dec-14		NM	NM	NM	NM	29	<25	NM	110	NM
MS4S	7-Nov-13	***	NM	NM	NM	NM	<25	31	NM	230,000	NM
	15-May-14		NS	NS	NS	NS	NS	NS	NS	NS	NM
	9-Dec-14		NM	NM	NM	NM	<25	<25	NM	51,000	NM
MS6I	7-Nov-13	***	NM	NM	NM	NM	<25	33	NM	3,300	NM
	15-May-14		NS	NS	NS	NS	NS	NS	NS	NS	NM
	1-Dec-14		NS	NS	NS	NS	NS	NS	NS	NS	NM
MS10S	8-Nov-13	***	NM	NM	NM	NM	<25	58	NM	350	NM
	15-May-14		NS	NS	NS	NS	NS	NS	NS	NS	NM
	1-Dec-14		NS	NS	NS	NS	NS	NS	NS	NS	NM
PS-1S	9-Dec-14		NM	NM	NM	NM	<25	<25	NM	1,400	NM
PS3I	8-Nov-13	***	NM	NM	NM	NM	<25	220	NM	260,000	NM
	15-May-14		NS	NS	NS	NS	NS	NS	NS	NS	NM
	9-Dec-14		NM	NM	NM	NM	<25	36.00	NM	120,000	NM
PS4S	8-Nov-13	***	NM	NM	NM	NM	<25	32	NM	140,000	NM
	15-May-14		NS	NS	NS	NS	NS	NS	NS	NS	NM
	1-Dec-14		NS	NS	NS	NS	NS	NS	NS	NS	NM

Table 7-4

Laboratory Results for Geochemical Parameters

Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites

Mountain View, California

Well Number	Date Sampled	Notes	Nitrate (mg/l)	Sulfate (mg/l)	Total Iron (mg/l)	Manganese (mg/l)	Ethane (ng/l)	Ethene (ng/l)	Hydrogen (nM)	Methane (ng/l)	TOC (mg/l)
PS5I	8-Nov-13	***	NM	NM	NM	NM	<25	<25	NM	64,000	NM
	15-May-14		NS	NS	NS	NS	NS	NS	NS	NS	NM
	1-Dec-14		NS	NS	NS	NS	NS	NS	NS	NS	NM
S-17	5-Dec-14		NM	NM	NM	NM	<25	<25	NM	450	NM

Data entered by CC. Data QA/QC by KC.

Notes:

Analyses for gases performed by Microseeps, Inc., of Pittsburgh, Pennsylvania.
Analyses for TOC, Nitrate, Sulfate and Total Iron performed by Curtis & Tompkins Ltd., of Berkeley California.

TOC = total organic carbon
(1) Well T-11 was unable to be opend and therefore not sampled during the December 2014 annual event.
* = estimate, concentration above linear response of standard curve
** = Samples analyzed for nitrate and sulfate were collected on June 17, 2013.
*** = Samples collected for the purpose of performance monitoring related to the on-site ERD treatability study.
J = estimated concentration
mg/l = milligrams per liter
MNA = monitored natural attenuation
na = not available
ng/l = nanograms per liter
nM = nanometer
NM = not measured
NS = not sampled; RA-1 and T-32I are not sampled for MNA for the duration of the pilot study.

Table 8-1a - First Injection Event - Organic Mass and Recirculation Volume Summary
Former Teledyne Semiconductor Spectra Physics Site
Mountain View, California
December 2015

Zone	Well ID	Date	Organic Mass Injected		Groundwater Volume Recirculated (gallons)	Inoculation Date
			Volume (gallons)	Mass (pounds)		
Phase 1						
Shallow Zone	A-1S	05/15/11	267	1,386	1332	07/19/11
	A-2S	05/15/11	267	1,386	1178	07/19/11
	A-3S	05/15/11	267	1,386	1219	07/19/11
	A-4S	05/15/11	267	1,386	1214	07/19/11
	A-5S	05/15/11	267	1,386	1038	07/19/11
	A-6S	05/15/11	267	1,386	948	07/19/11
	B-1S	05/30/11	354	1,811	19,215	07/19/11
	B-2S	06/06/11	374	1,903	32,605	07/19/11
	B-3S	06/01/11	366	1,870	31,276	07/19/11
	B-4S	06/02/11	347	1,774	35,678	07/19/11
	B-5S	06/08/11	395	2,016	31,757	07/19/11
	B-6S	06/07/11	294	1,501	12,307	07/19/11
	C-1S	05/17/11	413	2,138	5,484	07/19/11
	C-2S	06/08/11	267	1,358	15,709	07/19/11
	C-3S	05/31/11	338	1,739	10,819	07/19/11
	C-4S	05/25/11	363	1,891	25,442	07/19/11
	C-5S	06/02/11	307	1,568	22,131	07/19/11
	C-6S	06/07/11	281	1,426	30,963	07/19/11
	C-7S	06/02/11	360	1,843	30,823	07/19/11
	C-8S	06/02/11	352	1,802	20,190	01/14/12
	D-1S	06/03/11	186	952	1,584	07/19/11
	D-2S	06/08/11	270	1,372	10,240	07/19/11
	D-3S	05/25/11	242	1,234	19,932	07/19/11
	D-4S	06/08/11	282	1,446	10,549	07/19/11
	D-5S	06/09/11	294	1,491	14,596	07/19/11
	D-6S	05/23/11	255	1,313	19,416	07/19/11
	D-7S	06/01/11	346	1,770	33,781	07/19/11
	D-8S	06/07/11	418	2,121	21,936	07/19/11
	D-9S	05/24/11	325	1,661	18,875	07/19/11
	E-1S	05/16/11	267	1,386	15,898	07/20/11
	E-2S	05/24/11	262	1,678	29,452	07/20/11
	E-3S	06/01/11	428	2,186	32,605	07/20/11
	E-4S	05/31/11	241	1,231	32,853	07/20/11
	E-5S	05/31/11	262	1,335	20,356	07/20/11
	F-1S	05/31/11	262	1,335	1,883	07/20/11
	F-2S	05/25/11	271	1,394	20,066	07/20/11
	F-3S	05/25/11	255	1,313	26,418	07/20/11
	F-4S	05/30/11	259	1,334	17,226	07/20/11
	F-5S	05/18/11	267	1,386	15,199	07/20/11
Upper Intermediate Zone	C-1UI	05/13/11	413	2,138	6,609	07/19/11
	C-2UI	06/07/11	308	1,558	8,738	07/19/11
	C-3UI	05/27/11	260	1,337	9,448	07/19/11
	C-4UI	06/08/11	421	2,161	28,025	07/19/11
	C-5UI	06/06/11	402	2,041	16,418	07/19/11
	C-6UI	06/10/11	432	2,222	29,159	07/19/11
	C-7UI	06/09/11	466	2,364	7,371	07/19/11
	D-1UI	05/23/11	222	1,130	4,183	07/19/11
	D-2UI	06/08/11	236	2,033	5,577	07/19/11
	D-3UI	05/20/11	268	1,392	9,291	07/19/11
	D-4UI	05/26/11	268	1,392	6,061	07/19/11
	D-5UI	05/13/11	308	1,560	16,208	07/19/11
	D-6UI	06/09/11	472	1,549	20,818	07/19/11
	D-7UI	05/18/11	391	2,010	26,826	07/19/11
	D-8UI	05/14/11	341	1,768	20,908	07/19/11
	D-9UI	06/06/11	385	1,962	12,943	07/19/11
	E-1UI	05/14/11	413	2,138	4,499	07/20/11
	E-2UI	05/26/11	256	1,318	27,379	07/20/11
	E-3UI	06/06/11	394	2,010	11,982	07/20/11
	E-4UI	06/06/11	288	1,861	19,721	07/20/11
	E-5UI	06/09/11	432	2,205	10,564	07/20/11
	F-1UI	05/14/11	413	2,138	16,345	07/20/11
	F-2UI	05/19/11	424	2,196	25,753	07/20/11
	F-3UI	05/1711	457	2,347	15,370	07/20/11
	F-4UI	05/10/11	31	160	160	07/20/11
	G-1UI	05/14/11	413	2,138	11,947	07/20/11

Table 8-1a - First Injection Event - Organic Mass and Recirculation Volume Summary
Former Teledyne Semiconductor Spectra Physics Site
Mountain View, California
December 2015

Zone	Well ID	Date	Organic Mass Injected		Groundwater Volume Recirculated (gallons)	Inoculation Date
			Volume (gallons)	Mass (pounds)		
	G-2UI	05/17/11	482	2,500	21,787	07/20/11
	G-3UI	05/12/11	409	2,117	9,522	07/20/11
Lower Intermediate Zone	B-1LI	05/20/11	413	2,138	23,996	07/19/11
	B-2LI	06/03/11	316	1,628	33,928	07/19/11
	B-3LI	05/26/11	272	1,400	26,152	07/19/11
	B-4LI	05/31/11	393	2,022	26,528	07/19/11
	B-5LI	05/13/11	413	2,138	16,912	07/19/11
	C1LI	05/30/11	354	1,811	10,743	07/19/11
	C-2LI	06/04/11	188	958	19,428	07/19/11
	C-3LI	06/01/11	255	1,298	14,407	07/19/11
	C-4LI	06/02/11	372	1,903	22,085	07/19/11
	C-5LI	05/25/11	377	1,927	27,016	07/19/11
	C-6LI	05/26/11	378	1,946	33,903	07/19/11
	C-7LI	05/19/11	413	2,138	22,825	07/19/11
	D-1LI	05/19/11	267	1,386	6,550	07/19/11
	D-2LI	06/02/11	153	795	11,385	07/19/11
	D-3LI	05/11/11	377	1,941	17,561	07/19/11
	D-4LI	05/27/11	258	1,314	20,008	07/19/11
	D-5LI	06/06/11	349	1,781	11,146	07/19/11
	D-6LI	06/01/11	362	1,851	37,915	07/19/11
	D-7LI	06/03/11	378	1,946	30,979	07/19/11
	D-8LI	06/07/11	515	2,631	53,846	07/19/11
	D-9LI	05/23/11	493	2,527	13,737	07/19/11
	E-1LI	05/12/11	411	2,128	16,762	07/20/11
	E-2LI	05/23/11	384	1,979	30,433	07/20/11
	E-3LI	05/24/11	369	1,900	31,670	07/20/11
	E-4LI	05/20/11	510	2,637	33,303	07/20/11
	E-5LI	06/07/11	543	2,808	29,882	07/20/11
	F-1LI	05/31/11	256	1,306	10,991	07/20/11
	F-2LI	06/02/11	254	1,295	28,575	07/20/11
	F-3LI	05/20/11	517	2,651	9,101	07/20/11
	G-1LI	05/10/11	409	2,117	14,995	07/20/11
Phase 2						
Shallow Zone	A-7S	10/27/11	131	667	2,907	01/13/12
	A-8S	10/27/11	160	817	3,349	01/13/12
	A-9S	10/27/11	215	1,100	4,762	01/13/12
	A-10S	10/27/11	131	667	3,033	01/13/12
	A-11S	10/27/11	215	1,100	3,570	01/13/12
	A-14S	10/27/11	215	1,100	3,773	01/13/12
	A-15S	10/29/11	222	1,136	16,120	01/13/12
	A-16S	11/08/11	226	1,161	3,750	01/13/12
	A-17S	11/03/11	206	1,057	3,355	01/13/12
	A-18S	11/05/11	206	1,057	3,371	01/13/12
	A-19S	11/05/11	124	635	2,948	01/13/12
	A-20S	11/05/11	124	635	2,967	01/13/12
	B-7S	11/04/11	209	1,070	3,915	01/13/12
	B-8S	11/02/11	281	1,439	8,236	01/13/12
	B-9S	11/05/11	165	844	9,988	01/13/12
	B-10S	11/01/11	222	1,136	24,513	01/13/12
	B-12S	11/02/11	165	847	7,774	01/13/12
	B-13S	10/29/11	135	686	1,128	01/13/12
	B-14S	10/25/11	162	826	3,691	01/13/12
	B-15S	11/01/11	164	840	10,321	01/13/12
	B-16S	11/03/11	132	675	10,066	01/13/12
	B-17S	11/08/11	135	692	4,535	01/13/12
	B-18S	11/04/11	162	836	5,622	01/13/12
	B-19S	11/03/11	209	1,070	7,303	01/13/12
	B-20S	10/25/11	127	648	8,844	01/13/12
	B-21S	10/25/11	130	663	6,284	01/13/12
	B-22S	10/29/11	211	1,079	10,650	01/13/12
	B-23S	10/26/11	215	1,100	6,577	01/13/12
	B-24S	10/24/11	215	1,100	9,100	01/13/12
	D-10S	11/05/11	133	680	8,571	01/13/12
	D-11S	11/04/11	127	648	15,869	01/13/12
	E-6S	10/26/11	215	1,100	10,609	01/13/12
	E-7S	11/01/11	133	677	5,175	01/13/12

Table 8-1a - First Injection Event - Organic Mass and Recirculation Volume Summary
Former Teledyne Semiconductor Spectra Physics Site
Mountain View, California
December 2015

Zone	Well ID	Date	Organic Mass Injected		Groundwater Volume Recirculated (gallons)	Inoculation Date
			Volume (gallons)	Mass (pounds)		
Upper Interm	D-10UI	10/28/11	133	677	15,753	01/13/12
	E-7UI	11/02/11	128	652	2,912	01/13/12
	H-1UI	10/24/11	416	2,136	9,217	01/13/12
Lower Intermediate Zone	A-8LI	10/24/11	214	1,095	22,022	01/13/12
	A-9LI	10/28/11	218	1,115	8,117	01/13/12
	A-11LI	10/26/11	160	817	13,310	01/13/12
	A-18LI	11/05/11	124	635	2,589	01/13/12
	B-6LI	11/08/11	133	680	15,483	01/13/12
	B-8LI	10/27/11	130	663	21,414	01/13/12
	B-12LI	10/26/11	131	667	7,426	01/13/12
	B-13LI	10/26/11	128	648	13,045	01/13/12
	B-14LI	10/24/11	214	1,095	11,732	01/13/12
	B-15LI	10/21/11	217	1,109	19,752	01/13/12
	B-16LI	10/26/11	130	663	7,138	01/13/12
	B-17LI	10/29/11	218	1,115	13,910	01/13/12
	B-18LI	10/24/11	131	667	13,451	01/13/12
	B-20LI	11/01/11	129	657	8,785	01/13/12
	B-21LI	10/27/11	130	663	11,092	01/13/12
	B-22LI	10/29/11	133	677	13,045	01/13/12
	D-10LI	10/26/11	214	1,095	15,653	01/13/12
	E-7LI	11/02/11	135	692	2,130	01/13/12
Phase 3						
Shallow Zone	B-25US	01/12/12	262	1,356	5,326	01/14/12
	B-26US	01/15/12	262	1,356	26,660	01/14/12
	B-27US	01/13/12	262	1,356	9,656	01/14/12
	B-28US	01/12/12	262	1,356	8,590	01/14/12
TOTALS			**43,196**	**222,377**	**2,315,451**	

Table 8-1b - Second Injection Event - Organic Mass and Recirculation Volume Summary

Former Teledyne Semiconductor Spectra Physics Site

Mountain View, California

December 2015

Zone	Well ID	Date	Organic Mass Injected		Groundwater Volume Recirculated/Injected (gallons)	Inoculation Date
			Volume (gallons)	Mass (pounds)		
Phase 1						
Shallow Zone	A-7S	11/07/13	80	330	1,140	
	A-8S	11/07/13	80	330	976	
	A-11S	11/07/13	80	330	1,077	
	A-15S	11/14/13	134	553	9,862	
	A-16S	11/14/13	134	553	3,642	
	A-17S	11/07/13	134	553	1,302	
	A-18S	11/07/13	134	553	1,477	
	A-24US	11/21/13	86	355	1,152	
	A-25US	11/19/13	96	396	9,555	04/23/14
	A-26US	11/21/13	86	355	1,152	
	B-7S	11/16/13	134	553	9,142	
	B-8S	11/14/13	134	553	7,814	
	B-9S	11/13/13	80	330	5,461	
	B-10S	11/20/13	134	553	3,606	
	B-12S	11/08/13	80	330	12,058	
	B-13S	11/11/13	80	330	2,866	
	B-14S	11/11/13	80	330	2,646	
	B-15S	11/08/13	78	322	3,119	
	B-16S	11/15/13	80	330	4,559	
	B-18S	11/12/13	80	330	1,906	
	B-19S	11/12/13	134	553	2,677	
	B-21S	11/18/13	NA	NA	1,051	
	B-22S	11/14/13	134	553	4,794	
	B-23S	11/14/13	160	660	9,145	
	B-24S	11/12/12	134	553	2,316	
	B-25US	11/18/13	75	309	4,026	
	B-26US	11/08/13	134	553	6,957	
	B-27US	11/08/13	80	330	6,414	
	B-28US	11/11/13	80	330	1,238	
Lower Intermediate Zone	A-8LI	11/20/13	134	553	6,245	
	A-9LI	11/18/13	127	524	3,582	
	A-18LI	11/07/13	134	553	1,456	
	B-8LI	11/15/13	80	330	8,419	
	B-12LI	11/13/13	80	330	10,916	
	B-13LI	11/15/13	80	330	8,593	
	B-14LI	11/12/13	134	553	7,729	
	B-15LI	11/19/13	104	429	4,493	
	B-16LI	11/19/13	75	309	4,845	
	B-18LI	11/18/13	75	309	3,449	
	B-21LI	11/16/13	80	330	4,385	
	B-22LI	11/19/13	62	256	4,597	

Table 8-1b - Second Injection Event - Organic Mass and Recirculation Volume Summary

Former Teledyne Semiconductor Spectra Physics Site

Mountain View, California

December 2015

Zone	Well ID	Date	Organic Mass Injected		Groundwater Volume Recirculated/Injected (gallons)	Inoculation Date
			Volume (gallons)	Mass (pounds)		
Phase 2						
Shallow Zone	A-16S	02/06/14	NA	NA	8,200	
	B-15S	01/16/14	NA	NA	10,123	
	B-21S	01/13/14	NA	NA	11,763	
	C-1S	01/21/14	114	470	19,880	
	C-2S	01/31/14	57	235	21,223	
	C-3S	01/31/14	60	248	23,917	
	C-4S	01/10/14	98	404	25,831	
	C-5S	01/23/14	105	433	25,106	
	C-6S	01/16/14	61	252	29,237	
	C-7S	01/21/14	114	470	21,195	
	D-1S	01/29/14	60	248	19,813	
	D-2S	01/17/14	69	285	20,023	
	D-3S	02/04/14	57	235	21,946	
	D-4S	01/31/14	57	235	20,083	
	D-5S	01/20/14	68	281	33,902	
	D-6S	01/15/14	66	272	37,669	
	D-7S	01/17/14	69	285	35,049	
	E-1S	01/13/14	128	528	12,126	
	E-2S	01/10/14	128	528	11,075	
	E-3S	01/10/14	57	235	21,946	
	E-4S	01/17/14	118	487	19,717	
	E-5S	01/13/14	230	949	18,935	
	F-1S	01/31/14	135	557	27,393	
	F-2S	01/30/14	134	553	26,936	
	F-3S	02/05/14	134	553	15,651	
	F-4S	01/28/14	131	540	22,593	
	F-5S	01/30/14	134	553	13,283	
	G-1S	02/14/14	98	402	11,987	04/23/14
	G-2S	02/13/14	146	602	26,291	04/23/14
	G-3S	02/13/14	49	201	10,063	04/23/14
	G-4S	02/14/14	98	402	10,293	04/23/14
	H-1S	02/13/14	98	402	8,497	04/23/14
	H-2S	02/14/14	98	402	23,000	04/23/14
	H-3S	02/13/14	98	402	8,752	04/23/14
Upper Intermediate Zone	C-1UI	01/10/14	108	446	20,016	
	C-2UI	01/23/14	60	248	20,117	
	C-3UI	01/10/14	63	260	45,063	
	C-4UI	01/10/14	107	441	29,731	
	C-5UI	01/14/14	109	450	20,190	
	C-6UI	01/13/14	63	260	21,265	
	C-7UI	01/31/14	88	363	23,085	
	D-1UI	01/13/14	65	268	20,025	
	D-2UI	01/14/14	98	404	30,428	

Table 8-1b - Second Injection Event - Organic Mass and Recirculation Volume Summary

Former Teledyne Semiconductor Spectra Physics Site

Mountain View, California

December 2015

Zone	Well ID	Date	Organic Mass Injected		Groundwater Volume Recirculated/Injected (gallons)	Inoculation Date
			Volume (gallons)	Mass (pounds)		
Upper Intermediate Zone	D-3UI	01/15/14	65	268	20,174	
	D-4UI	01/20/14	69	285	20,037	
	D-5UI	01/22/14	63	260	21,666	
	D-6UI	01/16/14	64	264	22,071	
	D-7UI	01/21/14	105	433	24,477	
	E-1UI	01/20/14	436	1,799	24,845	
	E-2UI	01/16/14	128	528	13,237	
	E-3UI	01/15/14	218	899	26,984	
	E-4UI	01/30/14	109	450	16,392	
	E-5UI	01/21/14	110	454	12,309	
	F-1UI	02/03/14	189	780	5,444	
	F-2UI	01/23/14	199	821	17,983	
	F-3UI	01/14/14	218	899	16,692	04/23/14
	F-4UIR	01/20/14	128	528	9,585	
	G-1UI	02/06/14	221	912	19,237	
	G-2UI	02/05/14	221	912	12,524	
	G-3UI	02/04/14	189	780	12,085	
	H-1UI	02/07/14	231	953	6,710	
Lower Intermediate Zone	C-1LI	01/17/14	114	470	28,549	
	C-2LI	01/30/14	99	408	23,272	
	C-3LI	01/14/14	33	136	20,191	
	C-5LI	01/20/14	101	417	32,864	
	C-6LI	01/31/14	94	388	30,355	
	C-7LI	01/16/14	114	470	21,812	
	D-1LI	01/14/14	108	446	20,080	
	D-3LI	01/16/14	104	429	27,832	
	D-4LI	01/22/14	111	458	27,082	
	D-5LI	01/28/14	97	400	33,518	
	D-6LI	01/22/14	82	338	30,405	
	D-7LI	01/30/14	88	363	26,055	
	E-1LI	01/23/14	208	858	7,121	
	E-2LI	01/14/14	224	924	16,363	
	E-3LI	01/15/14	224	924	34,831	
	E-4LI	01/28/14	199	821	16,012	
	E-5LI	01/16/14	224	924	13,601	
	F-1LI	01/15/14	112	462	11,324	
	F-2LI	01/13/14	128	528	17,115	
	F-3LI	02/07/14	131	540	14,666	
	G-1LI	02/07/14	221	912	16,224	
TOTALS			**13,706**	**56,549**	**1,866,981**	

Table 8-2 – Volatile Organic Compound Data Summary
Former Teledyne Semiconductor Spectra Physics Site
Mountain View, California
December 2015

Aquifer Unit	Monitoring Location	Collection Date	cis-1,2-Dichloroethene (µg/L)	Tetrachloroethene (µg/L)	Trichloroethene (µg/L)	Vinyl chloride (µg/L)	Total VOCs (µg/L)	Ethane (µg/L)	Ethene (µg/L)
Shallow Zone	MW-9S	04/19/11	80	2.2	330		422.1	--	--
		09/13/11	850		7.9	1,300	2,287.7	0.98	620
		12/13/11	1,100		5.0	730	1,905.8	0.72	100
		03/26/12	700			340	1,109.9	3.0	53
		06/19/12	680		2.2	310	1,024.7	3.3	22
		09/05/12	130			470	642.6	2.8	22
		11/27/12	260			590	887.0	3.0	12
		07/30/13	160			510	694.1	2.3	19
		11/19/13	140			920	1,074.3	1.2	18
		05/14/14				2.2	2.9	5.6	4.0
		12/02/14				1.9	3.1	2.1	1.3
		06/29/15				4.0	8.8	0.45	0.61
	MW-10S	04/19/11	84	18	4,000		4,459.3	--	--
		09/13/11	280		69	1,400	1,798.5	0.087	45
		12/13/11	2.7		4.2	5.9	98.2	0.87	220
		03/26/12	63		2.7	43	151.7	4.2	110
		06/19/12	4.7		2.2	13	58.9	22	120
		09/05/12	690		16	250	997.7	2.4	74
		11/27/12	850		50	440	1,373.7	0.22	17
		04/23/13	270		11	470	799.9	1.2	34
		11/19/13	430		7.6	570	1,033.3	2.8	12
		05/14/14	0.85			21	30.9	8.7	12
		12/03/14	250		19	160	441.0	9.7	10
		06/29/15	9.4			77	107.4	15	12
	MW-11S	04/19/11	1.2		4.3		5.5	--	--
		09/14/11	13				13.0	0.17	0.054
		12/13/11	22				22.0		0.094
		03/26/12	12				12.0		0.080
		06/19/12	16		0.50		16.5	0.044	0.29
		09/05/12	12		0.84		13.5		0.16
		11/27/12	11		1.3		12.3		0.040
		07/29/13	4.3		1.5		5.8		0.070
		11/19/13	6.1		1.8		7.9	--	--
		05/14/14	1.4		0.54		1.9		
		12/03/14	6.0		1.5		7.5		
		06/29/15	4.8		2.1		9.5		
	MW-19S	10/06/11	2,600	230	49,000	7.5	52,339.1	--	--
		12/14/11	5,900	140	1,600	45	8,717.1	0.10	0.74
		03/26/12	5,300	210	3,900	14	10,641.7	0.60	2.1
		06/18/12	7,000	150	1,600	490	10,386.7	0.56	54
		09/05/12	5,400	88	800	150	7,492.5	0.50	83
		11/27/12	6,500	32	460	530	8,396.0	0.23	390
		04/25/13	710		47		1,020.0	0.86	500
		11/19/13	3,500		56	1,700	5,537.5	1.3	2,300
		05/14/14	1,900		35	910	3,371.7	0.34	340
		12/02/14	5,000		11	1,100	6,582.6	14	970
		06/30/15	4,600		17	1,400	6,585.8	6.9	450
	MW-21S	12/12/11	17,000	13	80,000	97	97,364.5	2.7	11
		03/26/12	140,000		16	940	141,452.0	3.2	18
		06/18/12	58,000		45	59,000	117,791.8	1.6	510
		09/05/12	570		11	7,600	8,268.2	0.73	3,800
		11/27/12	27		2.2	240	315.7	2.6	2,300
		07/30/13	6.3			12	49.7	140	480
		11/19/13	550		12	3,100	3,690.1	81	1,400
		05/14/14	0.72				11.4	24	19
		12/03/14	4.6			2.0	26.7	13	0.73
		06/30/15	1.6				21.0	10	0.33
	MW-22US	12/12/11	13,000	12	370	200	13,989.8	--	--
		03/26/12	5,200		8.6	50	5,559.5	0.38	1.6
		06/18/12	190		1.8	4,500	4,930.0	1.0	360
		09/05/12	64			1,100	1,412.7	0.95	490
		11/27/12	0.86			96	488.1	13	290
		07/30/13	0.57			3.6	280.6	46	300
		11/19/13	570		8.8	390	1,132.8	35	110
		05/14/14					105.9	52	34
		12/03/14					226.9	2.9	0.12
		06/30/15					315.9	2.4	0.18

Table 8-2 – Volatile Organic Compound Data Summary
Former Teledyne Semiconductor Spectra Physics Site
Mountain View, California
December 2015

Aquifer Unit	Monitoring Location	Collection Date	cis-1,2-Dichloroethene (µg/L)	Tetrachloroethene (µg/L)	Trichloroethene (µg/L)	Vinyl chloride (µg/L)	Total VOCs (µg/L)	Ethane (µg/L)	Ethene (µg/L)
Shallow Zone	MW-23US	12/12/11	23	9.3	730		777.4	--	--
		03/26/12	83	5.9	690		795.4	0.11	0.20
		06/18/12	250	8.2	580	8.6	870.5	0.061	0.077
		09/05/12	220	6.9	390	3.0	651.3	0.055	0.066
		11/27/12	230	7.7	550	1.6	809.6		0.047
		04/23/13	210	5.5	440		687.6	0.057	0.51
		11/19/13	200	5.6	320		534.3		0.59
		05/14/14	120	1.7	130	22	279.0	0.074	2.4
		12/02/14	500	1.3	250	12	780.3	0.22	0.38
		06/30/15	250	0.52	250	17	542.2	0.24	0.41
	T-6S	04/18/11	360		98	36	523.9	--	--
		09/13/11	450	1.1	91	33	607.1	0.12	0.44
		12/13/11	500	0.84	87	38	655.9	0.045	0.33
		03/26/12	470		67	27	583.0	0.040	0.21
		06/18/12	530	0.72	71	30	654.3		0.22
		09/05/12	410	0.55	51	19	502.3		0.24
		11/27/12	510	0.61	54	28	617.1		0.11
		04/24/13	360		26	55	476.0	0.32	0.17
		11/19/13	440		1.3	260	716.2		0.42
		05/14/14	13			230	246.3	0.031	3.0
		12/02/14	28			130	166.0	0.072	4.4
Upper-Intermediate Zone	MW-12UI	04/18/11	12	13	1,100		1,136.8	--	--
		09/13/11	1,300		1.2		1,370.7	0.025	0.18
		12/13/11	1,100		6.9	3.3	1,132.7		0.15
		03/26/12	1,200				1,200.0	0.072	0.18
		06/19/12	1,200		1.1	110	1,331.0	0.10	0.38
		09/05/12	230			630	876.9	0.041	1.0
		11/27/12	29			830	869.0		0.035
		07/31/13	25			560	594.2	0.042	6.9
		11/19/13	4.5			1,300	1,313.0		16
		05/14/14	0.53				4.3	46	35
		12/02/14	0.61			1.5	6.4	14	1.2
		06/30/15				1.5	13.2	4.6	0.15
	MW-13UI	04/21/11	3.7	11	420		512.7	--	--
		09/13/11	1,100		2.7	18	1,183.6	0.92	0.91
		12/13/11	350		2.2	200	598.2	0.20	39
		03/26/12	18			29	88.2	0.28	25
		06/19/12	14			20	65.7	1.7	13
		09/05/12	4.2			9.2	39.8	2.9	12
		11/27/12	2.5		0.54	6.8	37.4	1.5	11
		08/02/13	2.0		1.4		25.6	2.0	7.4
		11/19/13	0.68		0.50		27.8	5.1	8.0
		05/14/14				1.4	16.7	0.31	2.7
		12/02/14				1.9	22.7	1.1	2.1
		06/29/15				4.0	64.9	11	8.4
	MW-18UI	09/13/11	8.9		37		47.2	--	--
		12/13/11	12		0.85	2.3	15.2	0.078	0.10
		03/26/12	17	1.7	48		69.2	0.084	1.1
		06/19/12	69	3.9	100	1.0	181.1		0.25
		09/05/12	23	2.1	53		85.4		0.10
		11/27/12	12	0.89	25		40.5		0.096
		08/02/13	36	0.82	28		67.2	0.073	0.17
		11/19/13	13	0.65	13		28.1	0.053	
		05/14/14	220		4.8	2.3	239.1		0.16
		12/03/14	280		8.5	14	311.0		0.11
		06/30/15	33		7.3	1.2	44.5		
	PZI-1	04/19/11	62	2.6	110	18	196.2	--	--
		09/13/11	80			84	169.7		11
		12/14/11	0.76			62	68.2	0.48	54
		03/26/12				26	31.5	0.47	35
		06/18/12				52	58.4	0.42	35
		09/05/12	0.97		0.61	85	93.3	0.17	25
		11/27/12	0.71			79	87.9	0.078	17
		08/02/13	82		15	110	210.5	0.65	8.5
		11/19/13	56		8.4	190	258.1	0.48	9.8
		05/14/14	16		0.93	160	178.0	0.67	22
		12/02/14	28		2.1	160	193.9	2.3	12
		06/29/15	5.8		1.2	37	52.7	3.6	6.2

Table 8-2 – Volatile Organic Compound Data Summary
Former Teledyne Semiconductor Spectra Physics Site
Mountain View, California
December 2015

Aquifer Unit	Monitoring Location	Collection Date	cis-1,2-Dichloroethene (µg/L)	Tetrachloroethene (µg/L)	Trichloroethene (µg/L)	Vinyl chloride (µg/L)	Total VOCs (µg/L)	Ethane (µg/L)	Ethene (µg/L)
Lower-Intermediate Zone	MW-14LI	04/18/11		12	970		1,092.7	--	--
		09/13/11	96	9.2	430		585.9		0.061
		12/13/11	290	7.8	500		833.8	0.087	0.30
		03/26/12	540	4.7	150		715.5	0.073	0.16
		06/19/12	620	3.5	120	10	768.6	0.045	0.19
		09/05/12	380	2.1	55	83	553.5	0.036	6.6
		11/27/12	390	1.8	64	48	516.1		2.0
		04/24/13	550		63	25	693.5	0.28	0.19
		11/19/13	610	1.9	57	30	715.4	0.027	0.37
		05/14/14	100		0.51	110	222.7	12	38
		12/02/14	170	0.73	4.2	260	453.6	4.4	14
		06/30/15	220	0.90	8.3	210	467.9	2.4	11
	MW-15LI	04/19/11		2.1	1,100		1,283.9	--	--
		09/13/11	1,200		12 J	27	1,258.9	0.90	1.4
		12/14/11	320		1.8		325.3	0.060	0.12
		03/26/12	57				57.0	0.20	10
		06/18/12	72			22	111.8	1.0	16
		09/05/12	5.5				6.2	2.2	11
		11/27/12	5.6			3.8	9.4	2.7	6.8
		08/02/13	3.2				4.1	0.82	4.5
		11/19/13	2.1			6.0	8.1	0.75	4.2
		05/14/14					166.0	0.19	0.72
		12/02/14	1.3			3.3	5.3	1.2	0.48
		06/29/15	1.6			3.8	9.3	0.47	0.44
	MW-16LI	04/19/11			4.6		4.6	--	--
		09/14/11	11				11.0	0.20	0.13
		12/13/11	17		55		73.1	0.033	0.069
		03/26/12	2.6				2.6		0.94
		06/19/12	3.0		1.7	5.7	10.4		0.74
		09/05/12	1.9		1.2		3.1		0.52
		11/27/12				2.5	3.1	0.10	13
		07/29/13	1.2		0.59	1.5	3.3	0.027	0.44
		11/19/13	0.89		0.89		1.8		0.14
		05/14/14	4.4		0.95	8.7	14.1	0.044	0.87
		12/03/14	1.1			3.7	4.8	0.044	0.44
		06/29/15	0.51			1.9	4.2		0.32
	MW-17LI	04/20/11			160		168.7	--	--
		09/13/11	1.9		67		71.3		0.12
		12/13/11	4.7		39		45.3		0.15
		03/26/12	4.6		32		37.8		0.16
		06/19/12	6.0		23	1.4	32.6		0.11
		09/05/12	5.4		15		21.8		0.14
		11/27/12	6.1		20		27.6		0.14
		08/02/13	0.76		11		12.4	0.085	0.25
		11/19/13			21		22.6		0.48
		05/14/14			13		13.9		0.60
		12/03/14			25		26.2		0.29
		06/29/15			22		26.6		0.50
	MW-20LI	10/06/11	1.2	11	1,500		1,588.4	--	--
		12/14/11	130	12	1,700		1,903.0		0.12
		03/26/12	390	7.3	1,700		2,155.4	0.028	0.74
		06/18/12	120	6.3	1,100		1,264.9		0.13
		09/05/12	47	5.8	920	2.7	1,010.2	0.029	0.53
		11/27/12	96	10	1,200	1.3	1,382.9		0.26
		04/23/13	81	16	3,300		3,644.9		0.06
		11/19/13	200	14	1,100	9.5	1,423.9		0.31
		05/14/14	90	48	1,600	2.1	1,931.4		0.49
		12/02/14	490	33	2,900	16	3,648.0	0.026	11
		06/30/15	110	47	2,400	11	2,810.9		1.5

Data Qualifiers:
J - Estimated value

Footnotes & Abbreviations:
An empty cell indicates the compound was not detected at that location.

Table 8-3 - Cumulative Groundwater Summary - Indicator Parameters
Former Teledyne Semiconductor Spectra Physics Site
Mountain View, California
December 2015

Aquifer Unit	Monitoring Location	Collection Date	Field Duplicate	*Laboratory Parameters*							*Field Parameters*								
				Total Organic Carbon (mg/L)	Iron, Total (µg/L)	Methane (µg/L)	Hydrogen (nM)	Alkalinity, Total (mg/L)	N, Nitrate + Nitrite (mg/L)	Sulfate (mg/L)	Carbon Dioxide (mg/L)	Dissolved Oxygen (mg/L)	Eh (mV)	ORP (mV)	pH (s.u.)	Specific Conductance (µmhos/cm)	Sulfide (mg/L)	Temperature (°C)	Turbidity (NTU)
Shallow Zone	A-8S	07/30/13		840	--	--	--	--	--	--	--	2.0	140	-63	5.9	2,100	--	20.9	31
		12/02/14		29	--	--	--	850	0.1 U	--	--	0.1 U	127	-73	6.6	1,800	--	20.7	65
	A-15S	07/30/13		1,600	22	3,400	2.1	790	0.1 U	0.5 U	300	0.4	-120	-320	6.1	2,000	0.3	19.7	21
		12/02/14		240	--	--	--	2,000	0.1 U	--	--	0.1 U	80	-120	6.6	3,800	--	20.2	9.0
	B-12S	08/01/13		860	--	--	--	--	--	--	--	0.3	100	-100	7.0	3,100	--	19.0	11
		12/02/14		140	--	--	--	2,600	0.1 U	--	--	0.1	90	-110	6.8	4,300	--	19.3	15
		06/30/15		29	--	--	--	--	0.88	--	--	0.3	80	-120	6.8	3,900	--	20.3	9.0
	B-15S	07/19/11		--	--	--	--	--	--	--	--	0.6	260	60	7.3	1,100	--	20.8	2.9
		04/25/13		380	--	14,000	8.7	--	--	--	--	0.2	-33	-233	6.5	2,000	2.2 E	18.4	8.5
		12/02/14		1,000	--	--	--	1,600	0.1 U	--	--	0.1	126	-74	6.4	4,000	--	19.4	2.0
		06/30/15		670	--	--	--	--	0.1 U	--	--	0.3	110	-90	6.4	3,800	--	20.6	9.0
	B-21S	07/29/13		900	--	--	--	--	--	--	--	0.2	-220	-420	8.8	3,100	--	21.6	25
		12/02/14		180	--	--	--	4,700	0.1 U	--	--	0.1	90	-110	7.1	6,000	--	18.7	32
	MW-9S	04/19/11		--	100 U	--	--	--	2.7	140	--	0.1	290	90	7.0	1,100	--	20.8	0.8
		04/19/11	X	--	100 U	--	--	--	2.3	140	--	--	--	--	--	--	--	--	--
		09/13/11		--	1,100	1,700	--	--	0.1 U	24	--	4.3	-110	-310	6.7	1,600	--	21.3	16
		12/13/11		14	970	12,000	--	--	0.1 U	120	--	0.1	90	-110	6.9	1,500	--	20.8	2.2
		03/26/12		5 U	750	16,000	--	--	0.13	110	--	0.1	-54	-254	6.7	65,400 *	--	20.5	4.0
		06/19/12		6.0	670	18,000	--	--	0.1 U	91	--	1.5	50	-150	6.8	1,500	--	21.7	34
		06/19/12	X	7.2	740	17,000	--	--	0.1 U	93	--	--	--	--	--	--	--	--	--
		09/05/12		7.8	500	16,000	--	--	0.48	110	--	0.1	-55	-255	6.8	1,400	--	21.5	7.0
		11/27/12		1 U	470	15,000	--	--	0.1 U	139	--	0.3	132	-68	6.8	1,500	--	17.5	19
		07/30/13		5 U	740	15,000	0.71	650	0.1 U	130	180	0.3	-140	-340	6.6	1,400	0.1 U	22.8	52
		07/30/13	X	6.0	410	14,000	--	640	0.1 U	130	--	--	--	--	--	--	--	--	--
		11/19/13		5 U	530	12,000	--	--	0.1 U	140	--	0.2	-150	-350	6.6	1,400	--	21.4	5.0
		05/14/14		16	11,000	20,000	--	--	0.1 U	4.7	--	0.2	80	-120	6.4	1,600	--	22.4	57
		12/02/14		7.3	2,400	21,000	--	--	0.21	36	--	0.5	80	-120	6.6	1,200	--	20.4	21
		06/29/15		57	1,800	15,000	--	--	0.4 U	83	--	0.3	169	-31	6.6	1,100	--	23.7	11
	MW-10S	04/19/11		--	600	--	--	--	1.9	160	--	0.2	280	80	7.0	1,000	--	19.4	12
		09/13/11		--	2,600	3,400	--	--	0.1 U	21	--	3.9	132	-68	6.8	1,200	--	19.8	1.9
		09/13/11	X	--	2,500	3,400	--	--	0.1 U	22	--	--	--	--	--	--	--	--	--
		12/13/11		130	6,100	10,000	--	--	0.16	0.5 U	--	0.1	110	-90	6.7	1,500	--	19.2	2.6
		03/26/12		5 U	3,100	15,000	--	--	0.22	0.69	--	0.2	-27	-227	6.7	65,900 *	--	18.6	4.0
		06/19/12		8.2	250,000	14,000	--	--	0.12	10	--	0.4	70	-130	6.7	1,300	--	18.7	7.0
		09/05/12		8.4	1,500	6,600	--	--	0.10	110	--	0.1	-100	-300	6.9	1,200	--	19.6	2.0
		11/27/12		2.1	1,100	6,900	--	--	0.1 U	290	--	0.6	123	-77	6.8	1,100	--	15.5	8.0
		04/23/13		11	--	11,000	0.61	--	--	--	--	0.2	150	-50	6.5	1,200	0.2	19.4	0.8
		11/19/13		16	870	12,000	--	--	0.1 U	150	--	0.2	-180	-380	6.8	1,200	--	19.5	4.0
		11/19/13	X	11	850	11,000	--	--	0.1 U	150	--	--	--	--	--	--	--	--	--
		05/14/14		18	3,200	20,000	--	--	0.12	81	--	0.1	50	-150	6.6	1,300	--	20.0	3.0
		12/03/14		11	2,600	13,000	--	--	0.1 U	130	--	0.1	135	-65	6.6	1,300	--	19.0	3.0
		06/29/15		36	2,300	15,000	--	--	0.4 U	120	--	0.5	90	-110	6.6	1,300	--	20.3	3.0
	MW-11S	04/19/11		--	100 U	--	--	--	3.2	130	--	0.2	370	170	7.0	1,100	--	19.8	1.2
		09/14/11		--	2,700	4,300	--	--	0.1 U	0.5 U	--	4.1	-100	-300	6.4	1,400	--	21.8	8.9
		12/13/11		24	2,300	23,000	--	--	0.1 U	3.4	--	0.3	140	-60	6.7	1,300	--	17.8	2.6
		03/26/12		5 U	1,700	16,000	--	--	0.12	6.4	--	0.2	72	-128	6.3	1,300	--	19.2	77
		06/19/12		12	2,000	20,000	--	--	0.1 U	8.1	--	1.1	170	-30	6.1	1,200	--	22.0	17
		09/05/12		8.6	5,200	19,000	--	--	0.16	21	--	0.1	-92	-292	6.6	1,100	--	21.3	170
		11/27/12		1.5	1,000	7,400	--	--	0.1 U	83	--	4.7	106	-94	6.7	1,100	--	20.2	14
		07/29/13		7.8	540	5,700	--	390	0.1 U	120	120	0.2	-220	-420	6.9	1,100	--	24.0	11
		11/19/13		7.6	800	3,100	--	--	0.1 U	130	--	0.2	-130	-330	6.8	1,100	--	20.0	17

Table 8-3 - Cumulative Groundwater Summary - Indicator Parameters
Former Teledyne Semiconductor Spectra Physics Site
Mountain View, California
December 2015

Aquifer Unit	Monitoring Location	Collection Date	Field Duplicate	*Laboratory Parameters*							*Field Parameters*								
				Total Organic Carbon (mg/L)	Iron, Total (µg/L)	Methane (µg/L)	Hydrogen (nM)	Alkalinity, Total (mg/L)	N, Nitrate + Nitrite (mg/L)	Sulfate (mg/L)	Carbon Dioxide (mg/L)	Dissolved Oxygen (mg/L)	Eh (mV)	ORP (mV)	pH (s.u.)	Specific Conductance (µmhos/cm)	Sulfide (mg/L)	Temperature (°C)	Turbidity (NTU)
Shallow Zone	MW-11S	05/14/14		10 U	16,000	2,500	--	--	0.13	110	--	0.1	60	-140	7.0	1,100	--	22.9	6.0
		12/03/14		5.1	650	1,300	--	--	0.1 U	120	--	0.1	144	-56	6.9	1,100	--	19.4	14
		12/03/14	X	5 U	590	1,300	--	--	0.1 U	120	--	--	--	--	--	--	--	--	--
		06/29/15		32	740	280	--	--	0.4 U	120	--	0.3	149	-51	6.9	1,100	--	21.7	9.0
	MW-19S	10/06/11		--	--	--	--	--	--	--	--	0.2	180	-20	7.3	990	--	18.9	35
		12/14/11		90	180	7.8	--	--	0.1 U	31	--	0.2	0	-200	7.0	1,000	--	17.8	27
		12/14/11	X	90	170	8.6	--	--	0.23	31	--	--	--	--	--	--	--	--	--
		03/26/12		5 U	330	110	--	--	0.21	100	--	0.2	73	-127	6.5	1,300	--	17.6	17
		06/18/12		17	930	2,900	--	--	0.1 U	78	--	0.1	30	-170	6.8	1,400	--	20.8	5.0
		09/05/12		6.6	760	5,900	--	--	0.94	68	--	0.1	-95	-295	6.8	1,400	--	19.7	15
		11/27/12		3.4	700	10,000	--	--	0.1 U	51	--	0.2	-200	-400	6.8	2,600	--	18.8	8.0
		04/25/13		12	--	12,000	0.94	--	--	--	--	0.2	-99	-299	7.0	1,300	2.2	19.1	3.6
		11/19/13		99	4,900	12,000	--	--	0.18	4.6	--	0.2	10	-190	7.8	1,600	--	19.4	5.0
		05/14/14		10 U	1,800	14,000	--	--	0.1 U	41	--	0.1	70	-130	6.8	1,300	--	23.3	1.0
		12/02/14		5 U	3,200	17,000	--	--	0.1 U	40	--	0.1 U	137	-63	6.7	1,300	--	17.3	11
		06/30/15		31	2,000	12,000	--	--	0.4 U	59	--	0.3	106	-94	6.8	1,200	--	26.4	6.0
		06/30/15	X	37	2,200	14,000	--	--	0.4 U	55	--	--	--	--	--	--	--	--	--
	MW-21S	12/12/11		25	2,200	4.6	--	--	0.11	39	--	0.3	86	-114	6.7	2,400	--	19.3	47
		03/26/12		340	8,300	3,800	--	--	0.18	0.5 U	--	0.7	134	-66	6.3	2,200	--	16.6	1,000 E
		06/18/12		240	3,200	13,000	--	--	0.12	0.52	--	1.0	90	-110	6.5	2,100	--	20.0	1,000 E
		09/05/12		310	40,000	16,000	--	--	0.21	0.5 U	--	0.1 U	-90	-290	6.7	2,300	--	20.0	1,000 E
		09/05/12	X	300	190,000	16,000	--	--	0.19	0.5 U	--	--	--	--	--	--	--	--	--
		11/27/12		250	110,000	23,000	--	--	0.1 U	0.5 U	--	0.5	-290	-490	6.6	3,400	--	18.7	1,000 E
		07/30/13		52	27,000	20,000	--	1,200	0.12	0.5 U	450	0.5	-160	-360	6.5	1,900	--	19.1	1,000 E
		11/19/13		310	44,000	19,000	--	--	0.1 U	3.9	--	0.1	50	-150	9.5	2,000	--	18.3	1,000 E
		05/14/14		96	61,000	19,000	--	--	0.1 U	3.1	--	0.1	80	-120	6.6	2,300	--	19.6	660
		12/03/14		24	16,000	20,000	--	--	0.22	0.63	--	0.2	112	-88	6.6	2,000	--	18.8	66
		06/30/15		34	16,000	17,000	--	--	0.4 U	0.51	--	0.2	110	-90	6.4	2,100	--	20.0	5.0
	MW-22US	03/26/12		300	52,000	5,700	--	--	1.1	0.92	--	0.4	59	-141	6.3	2,600	--	16.5	1,000 E
		06/18/12		220	180,000	15,000	--	--	0.22	0.5 U	--	0.9	50	-150	6.7	2,600	--	19.7	1,000 E
		09/05/12		270	56,000	12,000	--	--	0.1 U	0.5 U	--	0.1	-130	-330	6.8	3,100	--	20.6	550
		11/27/12		57	15,000	12,000	--	--	0.1 U	0.53	--	0.3	-310	-510	6.8	4,200	--	18.6	470
		07/30/13		83	21,000	14,000	--	1,700	0.11	1.5	500	0.3	-120	-320	6.7	2,700	--	19.3	91
		07/30/13	X	81	13,000	9,500	--	1,700	0.11	2.4	--	--	--	--	--	--	--	--	--
		11/19/13		1,300	52,000	8,100	--	--	0.22	11	--	0.1	50	-150	9.1	2,500	--	19.0	1,000 E
		05/14/14		77	12,000	17,000	--	--	0.1 U	5.6	--	0.1	60	-140	6.8	2,900	--	20.0	190
		12/03/14		64	8,500	9,500	--	--	0.10	0.90	--	0.1	102	-98	6.6	2,900	--	19.3	77
		06/30/15		66	11,000	5,800	--	--	0.4 U	6.6	--	0.4	90	-110	6.5	2,800	--	20.2	7.0
	MW-23US	12/12/11		--	--	--	--	--	--	--	--	0.4	270	70	6.8	1,900	--	19.2	5.7
		03/26/12		5 U	1,100	13	--	--	0.85	390	--	0.3	138	-62	6.5	1,500	--	17.5	130
		06/18/12		5 U	7,000	1,100	--	--	0.13	370	--	0.2	160	-40	6.6	1,600	--	19.0	270
		09/05/12		5.2	1,600	1,500	--	--	0.1 U	290	--	0.1	-14	-214	6.7	1,500	--	18.9	72
		11/27/12		1.4	660	2,400	--	--	0.1 U	320	--	0.9	-310	-510	6.6	2,100	--	19.4	72
		04/23/13		5 U	--	1,700	0.6 U	--	--	--	--	0.1	220	20	6.3	1,300	--	18.9	5.8
		11/19/13		5 U	1,100	1,200	--	--	0.1 U	250	--	3.4	250	48	6.9	1,200	--	14.8	320
		05/14/14		10 U	1,300	5,300	--	--	0.10	170	--	0.1	162	-38	6.7	1,700	--	19.5	35
		12/02/14		7.1	2,700	5,900	--	--	0.1 U	170	--	0.1 U	169	-31	6.5	1,500	--	20.7	11
		06/30/15		26	2,000	1,700	--	--	0.4 U	190	--	0.6	176	-24	6.4	1,500	--	20.6	5.0
	T-6S	04/18/11		--	1,300	--	--	--	0.53	210	--	0.4	220	20	7.2	1,200	--	19.2	10
		09/13/11		--	100 U	3,800	--	--	0.1 U	190	--	3.9	1.0	-199	7.2	1,200	--	20.2	0.3
		12/13/11		10 U	410	6,200	--	--	0.1 U	180	--	0.1	170	-30	7.2	1,300	--	19.6	3.3
		03/26/12		11	600	9,200	--	--	0.66	180	--	0.5	130	-70	7.2	1,300	--	18.5	16
		06/18/12		22	3,200	11,000	--	--	0.13	170	--	0.3	116	-84	7.1	1,300	--	19.7	38
		09/05/12		2.7	2,600	9,000	--	--	0.14	150	--	0.1	-79	-279	6.9	1,300	--	19.5	7.0

Table 8-3 - Cumulative Groundwater Summary - Indicator Parameters
Former Teledyne Semiconductor Spectra Physics Site
Mountain View, California
December 2015

Aquifer Unit	Monitoring Location	Collection Date	Field Duplicate	*Laboratory Parameters*							*Field Parameters*								
				Total Organic Carbon (mg/L)	Iron, Total (µg/L)	Methane (µg/L)	Hydrogen (nM)	Alkalinity, Total (mg/L)	N, Nitrate + Nitrite (mg/L)	Sulfate (mg/L)	Carbon Dioxide (mg/L)	Dissolved Oxygen (mg/L)	Eh (mV)	ORP (mV)	pH (s.u.)	Specific Conductance (µmhos/cm)	Sulfide (mg/L)	Temperature (°C)	Turbidity (NTU)
Shallow Zone	T-6S	11/27/12		1 U	390	8,200	--	--	0.1 U	130	--	0.4	132	-68	7.0	1,400	--	20.0	10
		11/27/12	X	1 U	420	8,600	--	--	0.1 U	130	--	--	--	--	--	--	--	--	--
		04/24/13		5 U	--	2,800	0.62	--	--	--	--	0.3	60	-140	7.4	1,100	0.05 U	19.4	5.7
		11/19/13		5 U	110	1,800	--	--	0.1 U	120	--	0.2	80	-120	7.5	1,400	--	19.9	3.0
		05/14/14		30	180	15,000	--	--	0.1 U	89	--	0.1	136	-64	6.8	1,400	--	21.4	16
		12/02/14		6.1	150	7,800	--	--	0.18	120	--	0.6	136	-64	6.9	1,400	--	18.7	7.0
Upper-Intermediate Zone	MW-12UI	04/18/11		--	550	--	--	--	0.51	110	--	0.1	13	-187	7.5	760	--	20.7	17
		09/13/11		--	190	5,300	--	--	0.1 U	54	--	4.1	-130	-330	7.3	870	--	22.2	7.0
		12/13/11		10	230	2,000	--	--	0.1 U	100	--	0.1	95	-105	7.4	930	--	20.0	1.2
		03/26/12		5 U	470	5,200	--	--	0.1 U	87	--	0.1	-39	-239	7.4	64,200 *	--	20.0	26
		03/26/12	X	5 U	440	5,000	--	--	0.56	87	--	--	--	--	--	--	--	--	--
		06/19/12		6.2	420	7,000	--	--	0.1 U	77	--	0.2	-20	-220	7.4	1,000	--	21.8	15
		09/05/12		6.0	360	6,500	--	--	0.1 U	71	--	0.2	-120	-320	7.3	1,000	--	20.4	3.0
		11/27/12		1.3	480	8,000	--	--	0.1 U	62	--	1.7	90	-110	7.3	1,000	--	21.1	7.0
		07/31/13		5.8	320	7,900	0.66	430	0.1 U	69	40	0.2	-160	-360	7.3	990	0.3	22.0	3.0
		11/19/13		5.7	400	7,700	--	--	0.1 U	81	--	0.1	40	-160	7.3	1,000	--	21.0	2.0
		05/14/14		6.0	2,500	16,000	--	--	0.1 U	3.5	--	0.1	0	-200	7.0	1,200	--	22.4	12
		05/14/14	X	5.5	2,600	17,000	--	--	0.25	3.6	--	--	--	--	--	--	--	--	--
		12/02/14		5 U	840	10,000	--	--	0.58	27	--	0.6	20	-180	7.3	1,000	--	18.1	6.0
		06/30/15		23	730	7,300	--	--	0.4 U	43	--	0.3	103	-97	7.2	990	--	24.7	5.0
	MW-13UI	04/21/11		--	100 U	--	--	--	2.3	130	--	0.1	220	20	7.2	1,000	--	20.2	2.0
		04/21/11	X	--	100 U	--	--	--	2.1	140	--	--	--	--	--	--	--	--	--
		09/13/11		--	2,300	6,200	--	--	0.28	1.8	--	4.2	-120	-320	6.6	1,800	--	22.1	E
		12/13/11		59	3,900	20,000	--	--	0.1 U	0.5 U	--	0.2	88	-112	6.8	1,900	--	20.6	6.5
		03/26/12		10	13,000	18,000	--	--	0.70	0.5 U	--	0.3	-31	-231	6.6	66,500 *	--	19.8	620
		03/26/12	X	17	13,000	19,000	--	--	0.44	0.5 U	--	--	--	--	--	--	--	--	--
		06/19/12		13	10,000	18,000	--	--	0.13	2.1	--	0.2	40	-160	6.5	1,800	--	20.8	230
		09/05/12		5.4	5,600	15,000	--	--	0.12	11	--	0.1	-74	-274	6.6	1,700	--	21.8	70
		11/27/12		8.4	4,500	21,000	--	--	0.1 U	15	--	0.6	119	-81	6.4	1,800	--	16.6	67
		08/02/13		14	4,400	18,000	--	930	0.1 U	30	310	0.2	-30	-230	6.4	1,600	--	22.0	39
		11/19/13		9.3	4,600	16,000	--	--	0.1 U	40	--	0.2	-140	-340	6.4	1,600	--	21.3	10
		05/14/14		16	11,000	17,000	--	--	1.1	3.1	--	0.2	70	-130	6.4	2,000	--	21.5	13
		12/02/14		13	7,500	21,000	--	--	0.26	0.84	--	0.5	20	-180	6.6	2,000	--	19.2	9.0
		06/29/15		28	4,500	18,000	--	--	0.94	12	--	0.4	143	-57	6.3	1,800	--	22.0	7.0
	MW-18UI	09/13/11		--	100 U	0.67	--	--	1.1	130	--	4.0	53	-147	7.1	1,000	--	20.0	8.7
		12/13/11		13	100 U	550	--	--	0.84	110	--	0.3	180	-20	7.2	1,100	--	18.0	2.3
		03/26/12		5 U	100 U	840	--	--	2.3	120	--	0.2	153	-47	6.9	1,100	--	18.7	13
		06/19/12		5 U	220	4,200	--	--	1.9	130	--	0.2	50	-150	7.1	1,100	--	21.7	15
		09/05/12		7.3	160	2,600	--	--	3.5	120	--	0.1	-1.0	-201	6.7	1,100	--	19.9	7.0
		11/27/12		4.5	110	4,000	--	--	1.7	120	--	0.3	146	-54	7.0	1,100	--	19.0	3.0
		08/02/13		5 U	100 U	440	--	440	5.1	130	60	0.2	-40	-240	6.9	1,000	--	20.2	5.0
		11/19/13		5 U	100 U	41	--	--	1.8	130	--	0.2	-90	-290	7.0	1,100	--	19.4	5.0
		05/14/14		9.5	240	830	--	--	0.49	120	--	0.1	142	-58	7.2	1,100	--	23.3	5.0
		12/03/14		5 U	300	540	--	--	2.3	130	--	0.1 U	186	-14	7.0	1,100	--	18.9	28
		12/03/14	X	5 U	400	480	--	--	2.2	130	--	--	--	--	--	--	--	--	--
		06/30/15		23	300	70	--	--	2.5	120	--	0.4	142	-58	7.1	1,100	--	23.3	5.0
	PZI-1	04/19/11		--	670	--	--	--	1.4	170	--	0.7	220	20	6.9	1,300	--	18.9	11
		04/19/11	X	--	530	--	--	--	2.5	170	--	--	--	--	--	--	--	--	--
		09/13/11		--	1,100	4,300	--	--	0.1 U	10	--	4.2	-72	-272	7.0	1,200	--	20.0	4.8
		12/14/11		12	1,400	5,900	--	--	0.1 U	25	--	0.3	130	-70	7.1	1,300	--	18.9	1.2
		03/26/12		5 U	1,600	6,400	--	--	0.22	85	--	0.3	67	-133	7.0	1,300	--	18.5	5.0
		06/18/12		17	1,800	8,400	--	--	0.13	110	--	1.0	130	-70	6.8	1,300	--	19.7	4.0
		09/05/12		5.1	1,700	6,700	--	--	0.1 U	110	--	2.3	-43	-243	6.8	1,300	--	19.6	13

Table 8-3 - Cumulative Groundwater Summary - Indicator Parameters
Former Teledyne Semiconductor Spectra Physics Site
Mountain View, California
December 2015

Aquifer Unit	Monitoring Location	Collection Date	Field Duplicate	*Laboratory Parameters*							*Field Parameters*								
				Total Organic Carbon (mg/L)	Iron, Total (µg/L)	Methane (µg/L)	Hydrogen (nM)	Alkalinity, Total (mg/L)	N, Nitrate + Nitrite (mg/L)	Sulfate (mg/L)	Carbon Dioxide (mg/L)	Dissolved Oxygen (mg/L)	Eh (mV)	ORP (mV)	pH (s.u.)	Specific Conductance (µmhos/cm)	Sulfide (mg/L)	Temperature (°C)	Turbidity (NTU)
Upper-Intermediate Zone	PZI-1	11/27/12		1 U	1,400	5,400	--	--	0.1 U	140	--	1.7	154	-46	6.6	1,300	--	14.2	25
		11/27/12	X	1 U	1,300	8,500	--	--	0.1 U	150	--	--	--	--	--	--	--	--	--
		08/02/13		5 U	770	14,000	--	850	0.1 U	43	220	0.5	-40	-240	6.4	1,400	--	19.3	6.0
		11/19/13		5 U	920	18,000	--	--	0.1 U	38	--	0.2	-90	-290	6.3	1,400	--	19.5	3.0
		05/14/14		10 U	1,300	15,000	--	--	0.1 U	27	--	0.3	90	-110	6.4	1,500	--	20.4	3.0
		05/14/14	X	10 U	1,600	19,000	--	--	0.1 U	28	--	--	--	--	--	--	--	--	--
		12/02/14		10	1,300	17,000	--	--	0.1 U	37	--	0.4	161	-39	6.5	1,700	--	18.8	2.0
		06/29/15		45	1,400	18,000	--	--	0.61	29	--	0.7	282	82	6.1	1,300	--	20.6	4.0
Lower-Intermediate Zone	MW-14LI	04/18/11		--	100 U	--	--	--	2.6	110	--	0.3	150	-50	7.2	900	--	20.1	1.1
		09/13/11		--	100 U	230	--	--	3.7	98	--	4.0	-12	-212	7.3	930	--	21.7	1.3
		12/13/11		10 U	100 U	3,400	--	--	0.16	81	--	0.3	200	0	7.3	1,100	--	19.4	0.8
		03/26/12		5 U	100 U	3,900	--	--	2.9	51	--	0.1	8.4	-192	7.1	65,500 *	--	19.6	9.0
		06/19/12		5 U	100 U	5,200	--	--	0.26	46	--	0.2	60	-140	7.1	1,000	--	22.8	4.0
		09/05/12		1.9 J	100 U	5,200	--	--	0.35	56	--	0.1	71	-129	6.8	950	--	20.1	2.0
		09/05/12	X	2.2 J	100 U	4,900	--	--	0.46	56	--	--	--	--	--	--	--	--	--
		11/27/12		1.9	100 U	18,000	--	--	0.41	73	--	0.2	161	-39	7.1	980	--	20.0	4.0
		04/24/13		16	--	5,300	0.6 U	--	--	--	--	0.4	240	40	7.5	780	0.05 U	21.0	0.5
		11/19/13		8.8	200	7,100	--	--	0.1 U	110	--	0.1	50	-150	7.0	950	--	21.3	2.0
		11/19/13	X	5 U	170	6,200	--	--	0.1 U	110	--	--	--	--	--	--	--	--	--
		05/14/14		5 U	720	8,200	--	--	0.1 U	83	--	0.1	70	-130	6.8	1,000	--	22.4	4.0
		12/02/14		8.4	330	5,000	--	--	0.1 U	100	--	0.6	90	-110	7.0	990	--	20.1	4.0
		06/30/15		14	140	2,600	--	--	0.4 U	100	--	0.3	171	-29	6.9	980	--	25.0	4.0
	MW-15LI	04/19/11		--	180	--	--	--	3.3	120	--	0.2	260	60	7.2	910	--	19.4	8.2
		09/13/11		--	1,200	2,400	--	--	0.27	10	--	3.7	-150	-350	6.6	1,000	--	19.6	100
		09/13/11	X	--	1,100	2,500	--	--	0.1 U	8.2	--	--	--	--	--	--	--	--	--
		12/14/11		54	2,900	16,000	--	--	0.1 U	7.1	--	0.3	49	-151	6.6	1,300	--	17.8	31
		03/26/12		25	2,900	9,900	--	--	0.92	2.5	--	0.3	117	-83	6.6	66,900 *	--	18.7	82
		06/18/12		96	1,100	13,000	--	--	0.10	11	--	0.5	-88	-288	6.3	1,300	--	20.0	10
		09/05/12		12	730	18,000	--	--	0.11	34	--	0.1	-160	-360	6.8	1,300	--	19.1	8.0
		11/27/12		2.7	1,400	19,000	--	--	0.1 U	32	--	0.3	100	-100	6.5	1,300	--	15.7	46
		08/02/13		8.6	1,200	15,000	--	610	0.1 U	51	120	0.2	-40	-240	6.6	1,100	--	19.3	3.0
		11/19/13		5.4	1,900	14,000	--	--	0.1 U	43	--	0.5	-90	-290	6.6	1,200	--	17.4	18
		05/14/14		700	6,000	21,000	--	--	0.1 U	3.4	--	0.2	140	-60	5.2	1,000	--	21.1	380
		12/02/14		38	620	16,000	--	--	0.1 U	9.8	--	0.2	-60	-260	6.7	1,100	--	18.1	10
		06/29/15		33	430	14,000	--	--	1.8	29	--	0.2	-60	-260	6.8	1,100	--	20.0	11
	MW-16LI	04/19/11		--	140	--	--	--	3.4	110	--	0.8	390	190	7.2	940	--	20.1	7.0
		09/14/11		--	2,400	13,000	--	--	0.1 U	0.5 U	--	4.5	-79	-279	6.5	1,200	--	21.0	4.8
		12/13/11		14	2,500	22,000	--	--	0.1 U	7.3	--	0.2	130	-70	6.7	1,400	--	18.7	3.3
		03/26/12		11	2,100	26,000	--	--	0.36	1.8	--	0.2	76	-124	6.4	1,200	--	19.2	2.8
		06/19/12		8.7	2,100	22,000	--	--	0.19	4.6	--	0.5	160	-40	6.5	1,100	--	20.6	8.0
		09/05/12		7.2	2,100	18,000	--	--	0.1 U	24	--	0.9	-71	-271	6.6	1,100	--	20.8	89
		11/27/12		4.1	250	18,000	--	--	0.21	48	--	0.4	40	-160	6.8	950	--	20.1	5.0
		07/29/13		5 U	800	3,800	--	370	0.1 U	100	100	0.2	-160	-360	6.9	960	--	22.9	62
		11/19/13		5 U	770	1,900	--	--	0.14	100	--	0.2	-120	-320	6.8	950	--	19.9	12
		05/14/14		5 U	1,700	17,000	--	--	0.1 U	54	--	0.1 U	70	-130	6.7	1,100	--	23.2	14
		12/03/14		6.3	1,400	5,900	--	--	0.29	100	--	0.1	146	-54	6.7	940	--	19.0	57
		06/29/15		13	950	2,200	--	--	0.4 U	95	--	0.3	80	-120	6.9	920	--	22.9	3.0
		06/29/15	X	14	1,300	2,200	--	--	0.4 U	94	--	--	--	--	--	--	--	--	--
	MW-17LI	04/20/11		--	100 U	--	--	--	3.1	100	--	0.8	220	20	7.2	970	--	20.3	2.5
		04/20/11	X	--	100 U	--	--	--	6.6	100	--	--	--	--	--	--	--	--	--
		09/13/11		--	100 U	0.58	--	--	3.2	99	--	4.3	67	-133	7.2	920	--	20.7	0.4
		12/13/11		10 U	100 U	3.8	--	--	3.4	110	--	0.7	200	0	7.2	970	--	19.3	0.5
		03/26/12		5 U	100 U	0.80	--	--	4.4	100	--	0.7	82	-118	7.3	64,600 *	--	18.9	3.0
		06/19/12		8.3	100 U	0.90	--	--	3.3	100	--	1.1	102	-98	7.2	970	--	19.6	10

Table 8-3 - Cumulative Groundwater Summary - Indicator Parameters
Former Teledyne Semiconductor Spectra Physics Site
Mountain View, California
December 2015

Aquifer Unit	Monitoring Location	Collection Date	Field Duplicate	*Laboratory Parameters*							*Field Parameters*								
				Total Organic Carbon (mg/L)	Iron, Total (µg/L)	Methane (µg/L)	Hydrogen (nM)	Alkalinity, Total (mg/L)	N, Nitrate + Nitrite (mg/L)	Sulfate (mg/L)	Carbon Dioxide (mg/L)	Dissolved Oxygen (mg/L)	Eh (mV)	ORP (mV)	pH (s.u.)	Specific Conductance (µmhos/cm)	Sulfide (mg/L)	Temperature (°C)	Turbidity (NTU)
Lower-Intermediate Zone	MW-17LI	09/05/12		3.5	100 U	4.4	--	--	3.5	95	--	0.4	-47	-247	7.2	960	--	20.2	2.0
		11/27/12		1 U	100	4.6	--	--	2.4	100	--	0.6	120	-80	7.1	960	--	15.7	4.0
		08/02/13		5 U	100 U	6.8	--	380	8.4	99	50	0.9	-30	-230	7.1	960	--	21.1	10
		11/19/13		5 U	100 U	2.7	--	--	4.7	100	--	0.8	-70	-270	7.1	1,000	--	20.0	2.0
		05/14/14		5 U	100 U	99	--	--	5.8	91	--	0.5	80	-120	7.1	980	--	21.7	3.0
		12/03/14		5 U	100 U	1.6	--	--	4.2	95	--	0.4	174	-26	7.1	980	--	19.2	3.0
		06/29/15		9.7	100 U	2.2	--	--	4.3	92	--	0.6	80	-120	7.4	980	--	21.0	2.0
	MW-20LI	10/06/11		--	--	--	--	--	--	--	--	0.3	186	-14	7.2	940	--	19.3	24
		12/14/11		5.6	100 U	0.95	--	--	0.89	96	--	0.1	100	-100	7.2	980	--	18.2	1.2
		12/14/11	X	5.5	100 U	1.0	--	--	0.85	95	--	--	--	--	--	--	--	--	--
		03/26/12		1 U	100 U	29	--	--	2.5	100	--	0.1	62	-138	6.6	960	--	17.8	18
		06/18/12		10 U	100 U	150	--	--	2.0	110	--	0.1	80	-120	7.2	940	--	21.2	7.0
		06/18/12	X	10 U	100 U	140	--	--	2.0	110	--	--	--	--	--	--	--	--	--
		09/05/12		1.7	100 U	130	--	--	3.9	96	--	0.1	-44	-244	7.2	950	--	19.5	14
		11/27/12		1 U	100 U	260	--	--	1.9	110	--	0.2	-240	-440	7.2	1,800	--	18.7	7.0
		04/23/13		5.6	--	210	1.9	--	--	--	--	0.1	240	40	6.8	940	0.05 U	22.0	0.4
		11/19/13		5.3	100 U	540	--	--	1.7	110	--	0.1	60	-140	9.3	970	--	19.2	3.0
		05/14/14		5 U	100 U	270	--	--	3.8	96	--	0.2	201	1.2	7.2	990	--	23.7	2.0
		12/02/14		5 U	100 U	350	--	--	0.59	100	--	0.1 U	197	-3.1	7.2	950	--	16.7	1.0
		06/30/15		12	100 U	180	--	--	2.9	96	--	0.4	179	-21	7.2	970	--	26.6	8.0

Data Qualifiers:
U - Not detected above the given limit.
E - Exceeded range of instrument.
* - Suspect value; will be confirmed by retesting

Table 8-4
Summary of Mass Analysis of TCE in Groundwater and Sorbed onto Aquifer Solids - On-Property and SSA
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Year	Estimated Total Mass of TCE (lbs)
2010 shallow zone	580
2010 upper-intermediate zone	505
2010 lower-intermediate zone	217
2010 total mass	**1,302**
2015 shallow zone	41
2015 upper-intermediate zone	11
2015 lower-intermediate zone	22
2015 total mass	**73**
Change in Mass from 2010 to 2015*	**1,229**

Notes:

* = does not include the estimated dense non-aqueous phase mass that was observed prior to ERD injections.
Mass reduction primarily attributed to effectiveness of ERD treatability study.

SSA = Spring Street Area
TCE = trichloroethene
lbs = pounds
ERD = enhanced reductive dechlorination

Table 10-1
Cost Summary for Remedial Alternative 1: No Action
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Task 1: Abandonment of Exisiting Groundwater Monitoring Wells and Injection Wells

Item	Quantity	Unit	Unit Cost	Total Cost	Comments
Groundwater Wells					
Groundwater Monitoring Well Abandonment	139	wells	$1,700.00	$236,300.00	Project Experience (includes contractor oversight, subcontractor expenses and reporting costs)
Groundwater Injection Well Abandonment	166	wells	$1,700.00	$282,200.00	Project Experience (includes contractor oversight, subcontractor expenses and reporting costs)
ERD Performance Monitoring Well Abadonment	17	wells	$1,700.00	$28,900.00	Project Experience (includes contractor oversight, subcontractor expenses and reporting costs)
				$547,400.00	**Cost for Well Abandonments**

Task 2: Decommissioning and Abandonment of Exisiting Soil Vapor Extraction System and SVPs

Item	Quantity	Unit	Unit Cost	Total Cost	Comments
Soil Vapor					
Soil Vapor Extraction System	1	lump	$95,000.00	$95,000.00	Project Experience
Soil Vapor Probe Abandonment	1	lump	$3,000.00	$3,000.00	City Mountain View Rate Sheet
				$98,000.00	**Cost for SVE Decommissioning and Abandonment**

Task 3: Decommissioning of GWETS, SSES and NBES

Item	Quantity	Unit	Unit Cost	Total Cost	Comments
Work Plan Preparation	1	lump	$15,000.00	$15,000.00	Project Experience
Pre-Field Activities	1	lump	$35,000.00	$35,000.00	Project Experience
Decommissioning Implementation	1	lump	$250,000.00	$250,000.00	Project Experience
Completion Report Preparation and Submittal	1	lump	$20,000.00	$20,000.00	Project Experience
Project Management and Coordination	1	lump	$25,000.00	$25,000.00	Project Experience
				$345,000.00	**Cost for System Decommissioning**

TOTAL COST OF REMEDIAL ALTERNATIVE 1	**$990,400.00**

Table 10-1
Cost Summary for Remedial Alternative 1: No Action
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Notes:
Costs assume that residential mitigation systems installed to date will be left in place.

ERD = enhanced reductive dechlorination
GWETS = Groundwater Extraction and Treatment System
NBES = North Bayshore Extraction System
SSES = Spring Street Extraction System
SVE = soil vapor extraction
SVP = soil vapor probe

Table 10-2
Cost Summary for Remedial Alternative 2: Groundwater Extraction
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Task 1: Groundwater Extraction from NBES and SSES and POTW Discharge and Treatment

Item	Quantity	Unit	Unit Cost	Total Cost	Comments
OPERATION AND MAINTENANCE					
Groundwater Extraction System					
Groundwater User Fee	353	ac-ft	$475.00	$167,675.00	SCVWD Rate Sheet
Well Maintenance	22	wells	$300.00	$6,600.00	Project Experience
Inspection (monthly)	12	month	$450.00	$5,400.00	Project Experience
Repair (labor)	22	wells	$750.00	$16,500.00	Project Experience
Repair (materials)	22	wells	$250.00	$5,500.00	Project Experience
POTW Discharge SSES and NBES					
Sewer Use Fee	115,250	100 gallons	$0.67	$77,572.12	City Mountain View Rate Sheet
Effluent Sampling (labor)	12	month	$450.00	$5,400.00	Project Experience
Effluent Sampling (materials)	12	month	$50.00	$600.00	Project Experience
Chemical Analyses	12	month	$300.00	$3,600.00	Project Experience
Monitoring Report (labor)	4	month	$400.00	$1,600.00	Project Experience
Monitoring Report (materials)	4	month	$50.00	$200.00	Project Experience
				$290,647.12	**Annual Cost of SSES and NBES**

Table 10-2
Cost Summary for Remedial Alternative 2: Groundwater Extraction
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Task 2: Groundwater Extraction from Semiconductor Property and Treatment by Air Stripping and NPDES Discharge

Item	Quantity	Unit	Unit Cost	Total Cost	Comments
TREATMENT SYSTEM REPAIR					
Replace Stripper	1	item	$50,000.00	$50,000.00	Contractor Estimates
Replace Blower	1	item	$9,000.00	$9,000.00	Contractor Estimates
OPERATION AND MAINTENANCE					
Groundwater Extraction System					
Groundwater User Fee	60	ac-ft	$475.00	$28,500.00	SCVWD
Well Maintenance	2	wells	$300.00	$600.00	Project Experience
Inspection (monthly)	12	month	$150.00	$1,800.00	Project Experience
Repair (labor)	2	wells	$750.00	$1,500.00	Project Experience
Repair (materials)	2	wells	$250.00	$500.00	Project Experience
Groundwater Treatment System					
Compliance Sampling (labor)	12	month	$450.00	$5,400.00	Project Experience
Chemical Sampling (materials)	12	month	$50.00	$600.00	Project Experience
Chemical Analyses	12	month	$300.00	$3,600.00	Project Experience
Inspection and Maintenance (labor)	52	week	$300.00	$15,600.00	Project Experience
Inspection and Maintenance (materials)	12	month	$200.00	$2,400.00	Project Experience
Repair and Spare Parts (labor)	12	month	$375.00	$4,500.00	Project Experience
Repair and Spare Parts (materials)	12	month	$150.00	$1,800.00	Project Experience
Electricity	116,480	kw-hr	$0.17	$19,801.60	Project Experience
Acid	1,500	gallons	$1.00	$1,500.00	125 gal/month
Carbon	4,560	lbs	$2.00	$9,120.00	12.5 lbs/day
				$97,221.60	**Annual Cost of Semiconductor GWETS**
				$59,000.00	**One-Time Cost for Semiconductor GWETS Repair**

Table 10-2
Cost Summary for Remedial Alternative 2: Groundwater Extraction
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Task 3: Study Area-Wide Groundwater Monitoring

Item	Quantity	Unit	Unit Cost	Total Cost	Comments
CURRENT SEMIANNUAL SCHEDULE (Years 1- 10)					
Labor					
Water Level Measurements	72	wells	$15.00	$1,080.00	20 wells semiannually and 52 wells annually
Monitoring for VOCs	72	wells	$160.00	$11,520.00	20 wells semiannually and 52 wells annually
Monitoring for MNA Parameters	20	wells	$750.00	$15,000.00	10 wells/event; 2 events/year
Reporting	2	lump	$12,000.00	$24,000.00	1 report/event; 2 event/year
Project Management	1	lump	$4,000.00	$4,000.00	Project experience
LABORATORY COSTS					
VOCs by EPA Method 8260	72	wells	$125.00	$9,000.00	20 wells semiannually and 52 wells annually
MNA Parameters	20	wells	$500.00	$10,000.00	10 wells/event; 2 events/year
FUTURE ANNUAL SCHEDULE (Years 11 - 30)					
Labor					
Water Level Measurements	33	wells	$15.00	$495.00	33 wells/event; 1 event/year
Monitoring for VOCs	33	wells	$160.00	$5,280.00	33 wells/event; 1 event/year
Monitoring for MNA Parameters	10	wells	$750.00	$7,500.00	10 wells/event; 1 event/year
Reporting	1	lump	$12,000.00	$12,000.00	1 report/event; 1 event/year
Project Management	1	lump	$2,000.00	$2,000.00	Project experience
LABORATORY COSTS					
VOCs by EPA Method 8260	33	wells	$125.00	$4,125.00	33 wells/event; 1 event/year
MNA Parameters	10	wells	$500.00	$5,000.00	10 wells/event; 1 event/year
				$74,600.00	**Annual Cost of Semiannual Monitoring (Years 1-10)**
				$36,400.00	**Annual Cost of Annual Monitoring (Years 11-30)**
				$1,474,000.00	**Total - Monitored Natural Attenuation**

Table 10-2
Cost Summary for Remedial Alternative 2: Groundwater Extraction
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Task 4: Well Abandonment and System Decomissioning					
Item	**Quantity**	**Unit**	**Unit Cost**	**Total Cost**	**Comments**
Abandonment of Existing Groundwater Wells, Soil Vapor Probes and Remedial Systems	1	lump	$990,400.00	$990,400.00	Project Experience (see Table 10-1 for details)
				$990,400.00	**Cost for System Decommissioning**
Annual Cost of Groundwater Extraction and Treatment	$387,868.72				
Total Cost of Groundwater Treatment (30 years)	**$11,636,061.46**				
Total Cost of Groundwater Monitoring (30 years)	**$1,474,000.00**				
One-Time Cost for Semiconductor GWETS Repair	**$59,000.00**				
Total Cost of Abandonment and Decommissioning	**$990,400.00**				
TOTAL 30-YEAR COST OF REMEDIAL ALTERNATIVE 2	**$14,159,461.46**				

Notes:
GWETS = Groundwater Extraction and Treatment System
NBES = North Bayshore Extraction System
NPDES = National Pollutant Discharge Elimination System
POTW = Publicly Owned Treatment Works
SCVWD = Santa Clara Valley Water District
SSES = Spring Street Extraction System
VOCs = volatile organic compounds

Table 10-3
Cost Summary for Remedial Alternative 3: Source Area ERD to be followed by MNA, Distal Plume Area MNA, VI Mitigation Tools and Institutional Controls
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Task 1: Source Area ERD to be Followed by MNA

Item	Quantity	Unit	Unit Cost	Total Cost	Comments
ERD INJECTION WELL INSTALLATION AND ERD IMPLEMENTATION					
ERD Injection Well Installations					
Permit Fees	1	well	$440.00	$4,840.00	10 Shallow-Zone Injection Wells (35 ft) and Upper-Intermediate-Zone
Utility Locators	1	lump	$3,000.00	$3,000.00	Contractor Estimate
Site Survey	1	lump	$12,000.00	$12,000.00	Contractor Estimate
Well Drilling - Injection and Monitoring Well Construction					
Mobilization/Demobilization	1	lump	$9,000.00	$9,000.00	Contractor Estimate
Well Drilling and Installation	1	lump	$796,000.00	$796,000.00	Contractor Estimate
Concrete Cutter	1	lump	$16,000.00	$16,000.00	Contractor Estimate
Pavement Repair and Washing	1	lump	$3,000.00	$3,000.00	Contractor Estimate
Waste Disposal	1	lump	$10,350.00	$10,350.00	Contractor Estimate
Laboratory Costs					
Pre-ERD soil and groundwater characterization	1	lump	$46,000.00	$46,000.00	VOC analyses
Waste Characterization Soil Samples	18	samples	$140.00	$2,520.00	1 composite sample per roll-off bin; samples analyzed for VOCs using EPA 8260
Reagent Injection					
Substrate	1	lump	$835,000.00	$835,000.00	Contractor Estimate
Make Up Water	1	lump	$15,000.00	$15,000.00	Assume the use of treated on-Property groundwater
Equipment Rental and Travel Costs					
Field Equipment	1	lump	$39,000.00	$39,000.00	Contractor Estimate
Truck	1	lump	$20,000.00	$20,000.00	Contractor Estimate
Meals/Lodging	1	lump	$50,000.00	$50,000.00	Contractor Estimate
Field Probes	1	lump	$19,500.00	$19,500.00	Contractor Estimate
Injection Unit	1	lump	$40,000.00	$40,000.00	Contractor Estimate
Safety and Spill Response Equipment	1	lump	$19,500.00	$19,500.00	Contractor Estimate
Additional Vehicle and Fork Lift	1	lump	$29,000.00	$29,000.00	Contractor Estimate
Miscellaneous hoses, fitting, pipe etc.	1	lump	$15,000.00	$15,000.00	Contractor Estimate

Table 10-3
Cost Summary for Remedial Alternative 3: Source Area ERD to be followed by MNA, Distal Plume Area MNA, VI Mitigation Tools and Institutional Controls
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Task 1: Source Area ERD to be Followed by MNA (continued)

Item	Quantity	Unit	Unit Cost	Total Cost	Comments
ERD INJECTION WELL INSTALLATION AND ERD IMPLEMENTATION (continued)					
Labor					
Detailed Work Plan Preparation	1	lump	$55,000.00	$55,000.00	Contractor Estimate
Project Coordination	1	lump	$80,000.00	$80,000.00	Contractor Estimate
Drilling Oversight					
Staff	1	lump	$110,000.00	$110,000.00	Contractor Estimate
Senior	1	lump	$15,000.00	$15,000.00	Contractor Estimate
Reagent Injection					
Staff	1	lump	$654,000.00	$654,000.00	Contractor Estimate
Senior	1	lump	$150,000.00	$150,000.00	Contractor Estimate
Report Preparation	1	lump	$92,000.00	$92,000.00	Contractor Estimate
ERD Performance Monitoring	1	lump	$149,000.00	$149,000.00	Contractor Estimate
(4 yrs total: 4 quarterly events, 6 semiannual events)					
				$3,289,710.00	**Subtotal - ERD Injection Well Installation and ERD Implementation**
				$493,456.50	**15% Administration**
				$3,783,166.50	**Total - ERD Injection Well Installation and ERD Implementation**

Table 10-3
Cost Summary for Remedial Alternative 3: Source Area ERD to be followed by MNA, Distal Plume Area MNA, VI Mitigation Tools and Institutional Controls
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Task 2: Monitored Natural Attenuation

Item	Quantity	Unit	Unit Cost	Total Cost	Comments
CURRENT SEMIANNUAL SCHEDULE (YEARS 1- 10)					
Labor					
Water Level Measurements	72	wells	$15.00	$1,080.00	20 wells semiannually and 52 wells annually
Monitoring for VOCs	72	wells	$160.00	$11,520.00	20 wells semiannually and 52 wells annually
Monitoring for MNA Parameters	20	wells	$750.00	$15,000.00	10 wells/event; 2 events/year
Reporting	2	lump	$12,000.00	$24,000.00	1 report/event; 2 event/year
Project Management	1	lump	$4,000.00	$4,000.00	Project experience
Laboratory Costs					
VOCs by EPA Method 8260	72	wells	$125.00	$9,000.00	20 wells semiannually and 52 wells annually
MNA Parameters	20	wells	$500.00	$10,000.00	10 wells/event; 2 events/year
FUTURE ANNUAL SCHEDULE (YEARS 11 - 15)					
Labor					
Water Level Measurements	33	wells	$15.00	$495.00	33 wells/event; 1 event/year
Monitoring for VOCs	33	wells	$160.00	$5,280.00	33 wells/event; 1 event/year
Monitoring for MNA Parameters	10	wells	$750.00	$7,500.00	10 wells/event; 1 event/year
Reporting	1	lump	$12,000.00	$12,000.00	1 report/event; 1 event/year
Project Management	1	lump	$2,000.00	$2,000.00	Project experience
Laboratory Costs					
VOCs by EPA Method 8260	33	wells	$125.00	$4,125.00	33 wells annually
MNA Parameters	10	wells	$500.00	$5,000.00	10 wells/event
				$74,600.00	**Annual Cost of Semiannual Monitoring (Years 1-10)**
				$36,400.00	**Annual Cost of Annual Monitoring (Years 11-15)**
				$928,000.00	**Total - Monitored Natural Attenuation**

Table 10-3
Cost Summary for Remedial Alternative 3: Source Area ERD to be followed by MNA, Distal Plume Area MNA, VI Mitigation Tools and Institutional Controls
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Task 3: Vapor Intrusion Mitigation Tools[1]

Item	Quantity	Unit	Unit Cost	Total Cost	Comments
PATHWAY SEALING					
Contractor (Labor and Materials)					
Contractor - Implement Pathway Seal - Commercial Building	2	event	$2,000.00	$4,000.00	Contractor Estimate; Quantity estimate based on project experience.
Contractor - Implement Pathway Seal - Residential Building	10	event	$2,000.00	$20,000.00	Contractor Estimate; Quantity estimate based on project experience.
Labor and Other Costs					
Pathway Sealing Oversight and Property Owner Coordination	12	event	$992.00	$11,904.00	Contractor Estimate
Post-Mitigation Confirmation Air Sampling	12	event	$500.00	$6,000.00	Contractor Estimate
Truck	12	event	$165.00	$1,980.00	Contractor Estimate
ACTIVE CRAWL SPACE VENTILATION					
Contractor (Labor and Materials)					
Contractor - Fan Installation - Residential Building	1	event	$2,000.00	$2,000.00	Contractor Estimate; Quantity estimate based on project experience
Crawl Space Fans	1	event	$550.00	$550.00	4 fans per residence
Labor and Other Costs					
Work Plan/Design Development	1	event	$2,610.00	$2,610.00	Contractor Estimate
Installation Oversight and Property Owner Coordination	1	event	$1,488.00	$1,488.00	Contractor Estimate; Assumes installation can be completed in 1 day
Post-Mitigation Confirmation Air Sampling	1	event	$500.00	$500.00	Contractor Estimate
Operations and Maintenance (O&M) Manual	1	event	$1,860.00	$1,860.00	Contractor Estimate
Operations and Maintenance (Annual)	10	annually	$992.00	$9,920.00	Contractor Estimate; Assumes 1 visit per year for 10 years
Truck	13	event	$165.00	$2,145.00	Contractor Estimate; Assumes installation can be completed in 1 day
HVAC SYSTEM OPERATION					
Contractor (Labor and Materials)					
HVAC System Evaluation	2	event	$2,000.00	$4,000.00	Contractor Estimate; Quantity estimate based on project experience
HVAC System Optimization	2	event	$3,000.00	$6,000.00	Contractor Estimate; Quantity estimate based on project experience
Labor and Other Costs					
HVAC System Evaluation and Optimization Oversight and Property Owner Coordination	2	event	$1,984.00	$3,968.00	Contractor Estimate
Post-Mitigation Confirmation Air Sampling	2	event	$500.00	$1,000.00	Contractor Estimate
O&M - Quarterly Check-Ins with Building Maintenance	40	quarterly	$744.00	$29,760.00	Contractor Estimate; Assumes quarterly check-in discussions to confirm HVAC operation and written documentation to RWQCB for 10 years
Electricity Reimbursement	120	monthly	$1,000.00	$120,000.00	Contractor Estimate; Assumes monthly reimbursements for 10 years
Truck	4	event	$165.00	$660.00	Contractor Estimate

Table 10-3
Cost Summary for Remedial Alternative 3: Source Area ERD to be followed by MNA, Distal Plume Area MNA, VI Mitigation Tools and Institutional Controls
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Task 3: Vapor Intrusion Mitigation Tools[1] (continued)

Item	Quantity	Unit	Unit Cost	Total Cost	Comments
SUB-BUILDING DEPRESSURIZATION					
Contractor (Labor and Materials)					
Contractor - Install Depressurization System - Commercial Building	1	event	$100,000.00	$100,000.00	Contractor Estimate; Quantity estimate based on project experience
System O&M - Commercial Building	120	monthly	$1,000.00	$120,000.00	Contractor Estimate; Assumes O&M is conducted monthly for 10 years
Contractor - Install Depressurization System - Residential Building	3	event	$18,000.00	$54,000.00	Contractor Estimate; Quantity estimate based on project experience
Labor and Other Costs					
Work Plan/Design Development - Commercial Building	1	event	$12,920.00	$12,920.00	Contractor Estimate
Installation Oversight and Property Owner Coordination - Commercial Building	1	event	$8,352.00	$8,352.00	Contractor Estimate
Post-Mitigation Confirmation Air Sampling	4	event	$500.00	$2,000.00	Contractor Estimate
Completion Report and O&M Manual - Commercial Building	1	event	$12,920.00	$12,920.00	Contractor Estimate
Electricity Reimbursement - Commercial Building	120	monthly	$3,000.00	$360,000.00	Contractor Estimate; Assumes monthly reimbursements for 10 years.
Work Plan/Design Development - Residential Building	3	event	$2,610.00	$7,830.00	Contractor Estimate
Installation Oversight and Property Owner Coordination - Residential Building	3	event	$3,504.00	$10,512.00	Contractor Estimate
O&M Manual - Residential Building	3	event	$1,860.00	$5,580.00	Contractor Estimate
O&M (Annual) - Residential Building	30	year	$992.00	$29,760.00	Contractor Estimate; Assumes 1 vist per year for 10 years
Electricity Reimbursement - Residential Building	30	annually	$1,000.00	$30,000.00	Contractor Estimate; Assumes annual resimbursements for 10 years.
Truck	16	day	$165.00	$2,640.00	Contractor Estimate
SOIL VAPOR EXTRACTION					
Contractor (Labor and Materials)					
Contractor - Install Depressurization System - Commercial Building	2	event	$250,000.00	$500,000.00	Contractor Estimate; Quantity estimate based on project experience
System O&M - Commercial Building	240	month	$6,000.00	$1,440,000.00	Contractor Estimate; Assumes O&M is conducted monthly for 10 years; Includes routine and non-routine O&M, data evaluation and reporting, and property owner coordination.
Labor and Other Costs					
Work Plan/Design Development - Commercial Building	2	event	$15,000.00	$30,000.00	Contractor Estimate
Pre-Field Work Tasks, Installation Oversight and Property Owner Coordination for System Installation - Commercial Building	2	event	$40,000.00	$80,000.00	Contractor Estimate
Post-Mitigation Confirmation Air Sampling	2	event	$1,000.00	$2,000.00	Contractor Estimate
Completion Report and O&M Manual - Commercial Building	2	event	$15,000.00	$30,000.00	Contractor Estimate
Electricity Reimbursement - Commercial Building	240	monthly	$3,000.00	$720,000.00	Contractor Estimate; Assumes monthly reimbursements for 10 years.
Truck	2	event	$165.00	$330.00	Contractor Estimate
				$3,789,189.00	**Subtotal - Vapor Intrusion Mitigation Tools**
				$568,378.35	**15% Administration**
				$4,357,567.35	**Total - Vapor Intrusion Mitigation Tools**

Table 10-3
Cost Summary for Remedial Alternative 3: Source Area ERD to be followed by MNA, Distal Plume Area MNA, VI Mitigation Tools and Institutional Controls
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

Task 4: Institutional Controls[2]					
Item	**Quantity**	**Unit**	**Unit Cost**	**Total Cost**	**Comments**
GOVERNMENTAL CONTROLS					
Establish City of Mountain View Building Permit Review Process	1	event	$12,960.00	$12,960.00	Contractor Estimate
Evaluate building permits for VI potential	120	monthly	$372.00	$44,640.00	Contractor Estimate; Assumes monthly reviews of building permits for 10 years
ENFORCEMENT AND PERMIT TOOLS WITH INSTITUTIONAL COMPONENTS					
Establish Consent Decree	1	event	$6,480.00	$6,480.00	Contractor Estimate
Establish Access Agreement with institutional control components	4	event	$1,600.00	$6,400.00	Contractor Estimate
INFORMATIONAL DEVICES					
Provide Suggested Updates to RWQCB and USEPA Websites	10	annually	$1,600.00	$16,000.00	Contractor Estimate
Create and Distribute Public Notice	3	event	$2,592.00	$7,776.00	Contractor Estimate
				$94,256.00	**Subtotal - Institutional Controls**
				$14,138.40	**15% Administration**
				$108,394.40	**Total - Institutional Controls**

Table 10-3
Cost Summary for Remedial Alternative 3: Source Area ERD to be followed by MNA, Distal Plume Area MNA, VI Mitigation Tools and Institutional Controls
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Sites
Mountain View, California

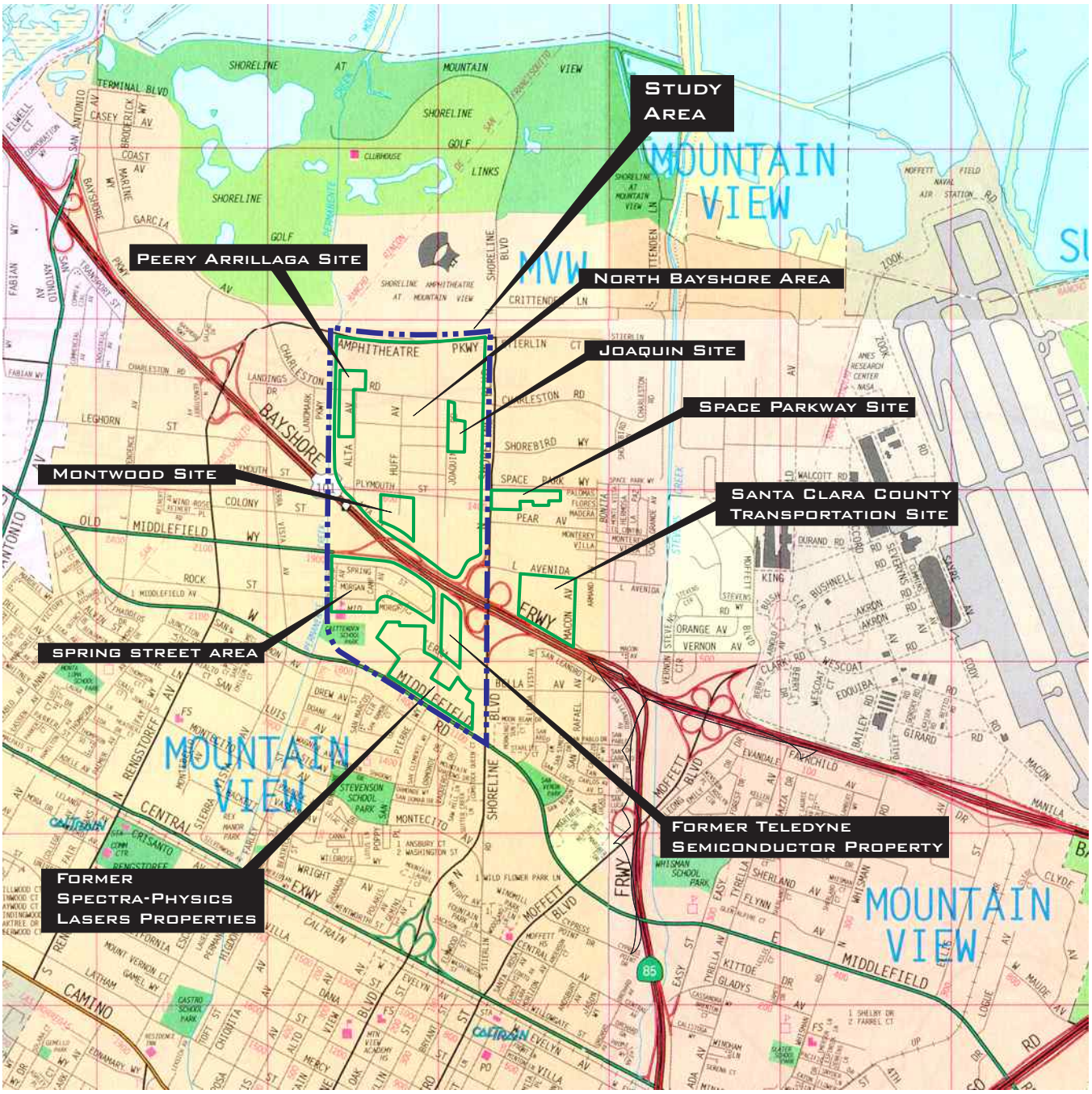
Task 5: Well Abandonment and System Decomissioning

Item	Quantity	Unit	Unit Cost	Total Cost	Comments
Abandonment of Existing Groundwater Wells, Soil Vapor Probes and Remedial Systems	1	lump	$990,400.00	$990,400.00	Project Experience (see Table 10-1 for details)
				$990,400.00	**Cost for System Decommissioning**

TOTAL COST OF REMEDIAL ALTERNATIVE 3	
ERD Injection Well Installation and ERD Implementation	$3,783,166.50
Monitored Natural Attenuation	$928,000.00
Vapor Intrusion Mitigation Tools	$4,357,567.35
Institutional Controls	$108,394.40
Abandonment and Decommissioning	$990,400.00
TOTAL 30-YEAR COST OF REMEDIAL ALTERNATIVE 3	**$10,167,528.25**

Notes:
1. Vapor intrusion mitigation tools included in the cost estimate are based on mitigation measures implemented to date and project experience.
2. Institutional controls included in the cost estimate are based on controls implemented to date and project experience.
ERD = Enhanced Reductive Dechlorination
MNA = Monitored Natural Attenuation
RWQCB = Regional Water Quality Control Board
USEPA = United States Environmental Protection Agency
VOCs = Volatile Organic Compounds

FIGURES



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GRAPHIC SCALE

SOURCE: THOMAS BROS GUIDE

FORMER SPECTRA-PHYSICS LASERS AND
FORMER TELEDYNE SEMICONDUCTOR SITES
MOUNTAIN VIEW, CALIFORNIA

SITE VICINITY MAP AND PROPERTY LOCATIONS

ARCADIS Design & Consultancy for natural and built assets

FIGURE
1-1

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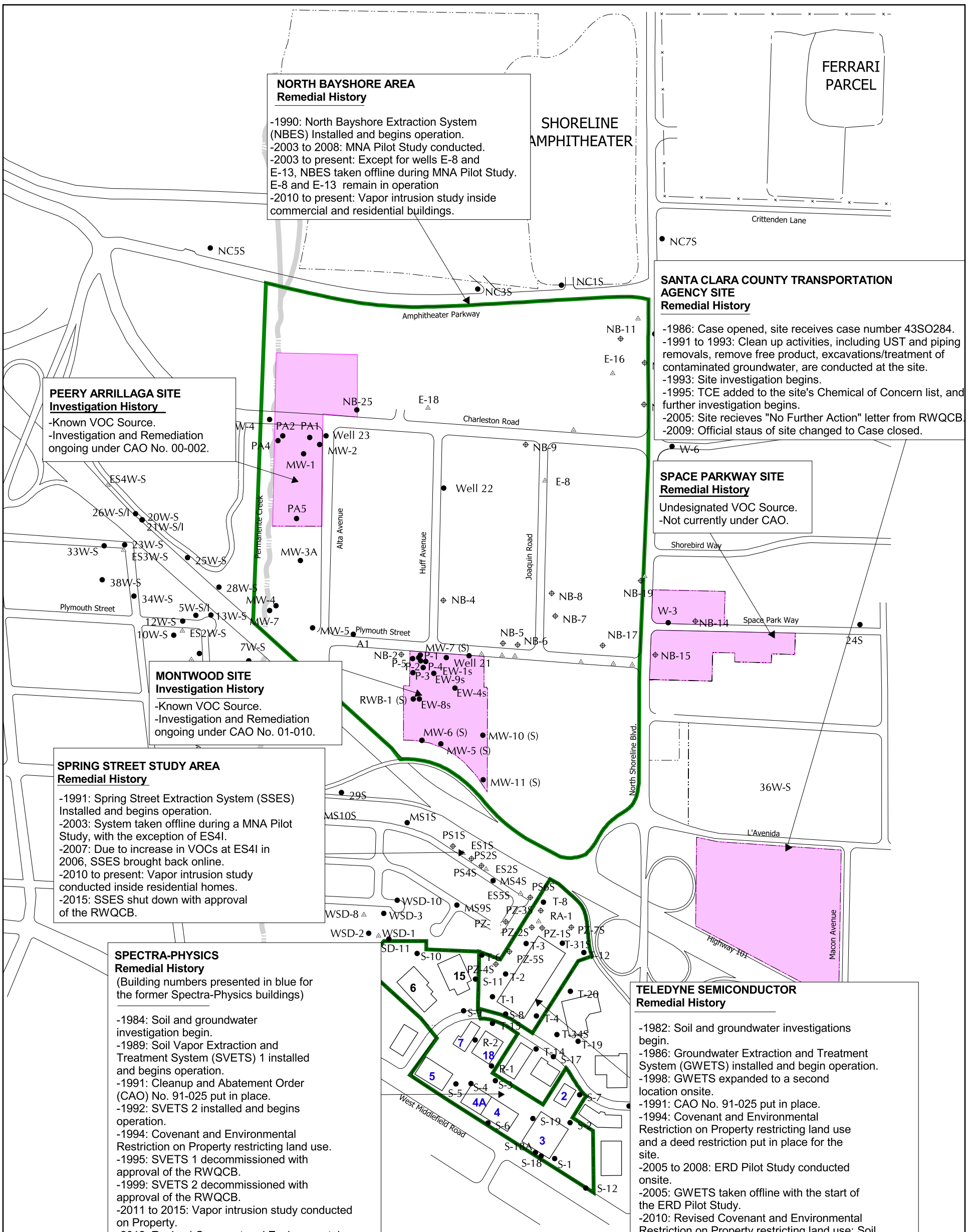


SPRING STREET STUDY AREA
Remedial History

-1991: Spring Street Extraction System (SSES) Installed and begins operation.
-2003: System taken offline during a MNA Pilot Study, with the exception of ES4I.
-2007: Due to increase in VOCs at ES4I in 2006, SSES brought back online.
-2010 to present: Vapor intrusion study conducted inside residential homes.
-2015: SSES shut down with approval of the RWQCB.

SPECTRA-PHYSICS
Remedial History
(Building numbers presented in blue for the former Spectra-Physics buildings)

-1984: Soil and groundwater investigation begin.
-1989: Soil Vapor Extraction and Treatment System (SVETS) 1 installed and begins operation.
-1991: Cleanup and Abatement Order (CAO) No. 91-025 put in place.
-1992: SVETS 2 installed and begins operation.
-1994: Covenant and Environmental Restriction on Property restricting land use.
-1995: SVETS 1 decommissioned with approval of the RWQCB.
-1999: SVETS 2 decommissioned with approval of the RWQCB.
-2011 to 2015: Vapor intrusion study conducted on Property.
-2012: Revised Covenant and Environmental Restriction on Property restricting land use.
-2015 to present: Installation and operation of SVE system at Building 2.

TELEDYNE SEMICONDUCTOR
Remedial History

-1982: Soil and groundwater investigations begin.
-1986: Groundwater Extraction and Treatment System (GWETS) installed and begin operation.
-1998: GWETS expanded to a second location onsite.
-1991: CAO No. 91-025 put in place.
-1994: Covenant and Environmental Restriction on Property restricting land use and a deed restriction put in place for the site.
-2005 to 2008: ERD Pilot Study conducted onsite.
-2005: GWETS taken offline with the start of the ERD Pilot Study.
-2010: Revised Covenant and Environmental Restriction on Property restricting land use; Soil Management Plan submitted and approved for the site, then updated in 2012/2013.
-2011 to present: Implementation of full scale ERD program.
-2011 to present: Installation and operation of Soil Vapor Extraction (SVE) system to address related methane increases. Vapor intrusion study conducted on Property.
-2015: Approval granted by RWQCB to decommision the GWETS.

LEGEND

- Offsite VOS Source
- Outline of the On-Property and North Bayshore Area
- **VOC** Volatile Organic Compounds
- **MNA** Monitored Natural Attenuation
- Shallow-Zone Extraction Well
- Shallow-Zone Monitoring Well
- Shallow-Zone Piezometer
- Proposed shallow performance monitoring well to be installed
- Monitoring well abandoned or destroyed

Extraction well E-16 was decommissioned with RWQCB approval in December 2005.

600 0 600 Feet

FORMER SPECTRA-PHYSICS LASERS
AND FORMER TELEDYNE SEMICONDUCTOR SITES
MOUNTAIN VIEW, CALIFORNIA

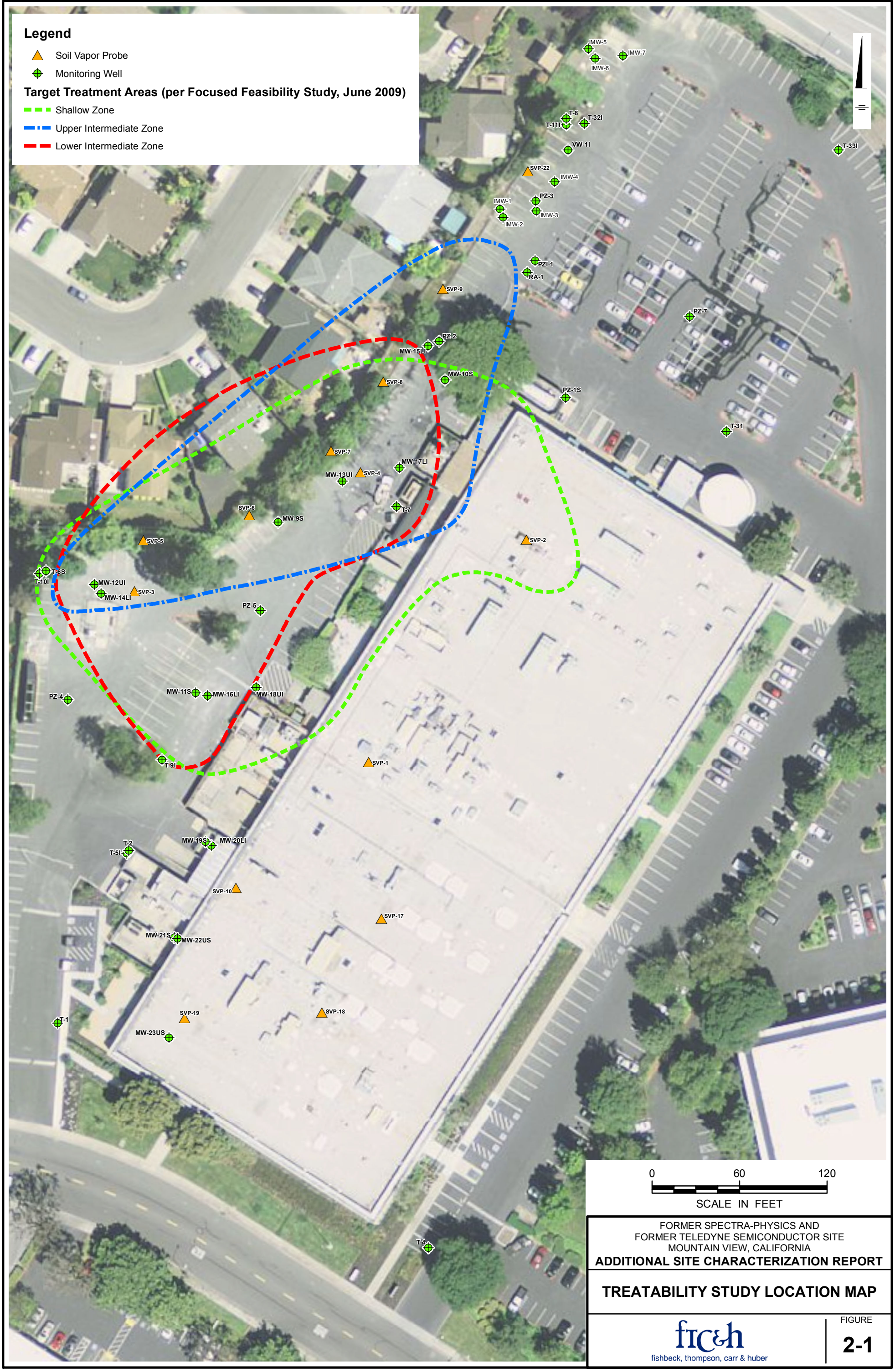
REMEDIAL LAYOUT MAP AND OTHER VOC SOURCE AREAS

ARCADIS Design & Consultancy for natural and built assets

FIGURE 1-2

U:\Spectra\Gis\Projects\mna_CrossSect.apr 12/14/2015

PLOT INFO: Z:\2010\100464A\CAD\GIS\Map_Doc\FFS 2015\FIG-2_Treatability Study Location Map.mxd Date: 12/16/2015 3:14:33 PM User: acs



FORMER SPECTRA-PHYSICS AND
FORMER TELEDYNE SEMICONDUCTOR SITE
MOUNTAIN VIEW, CALIFORNIA

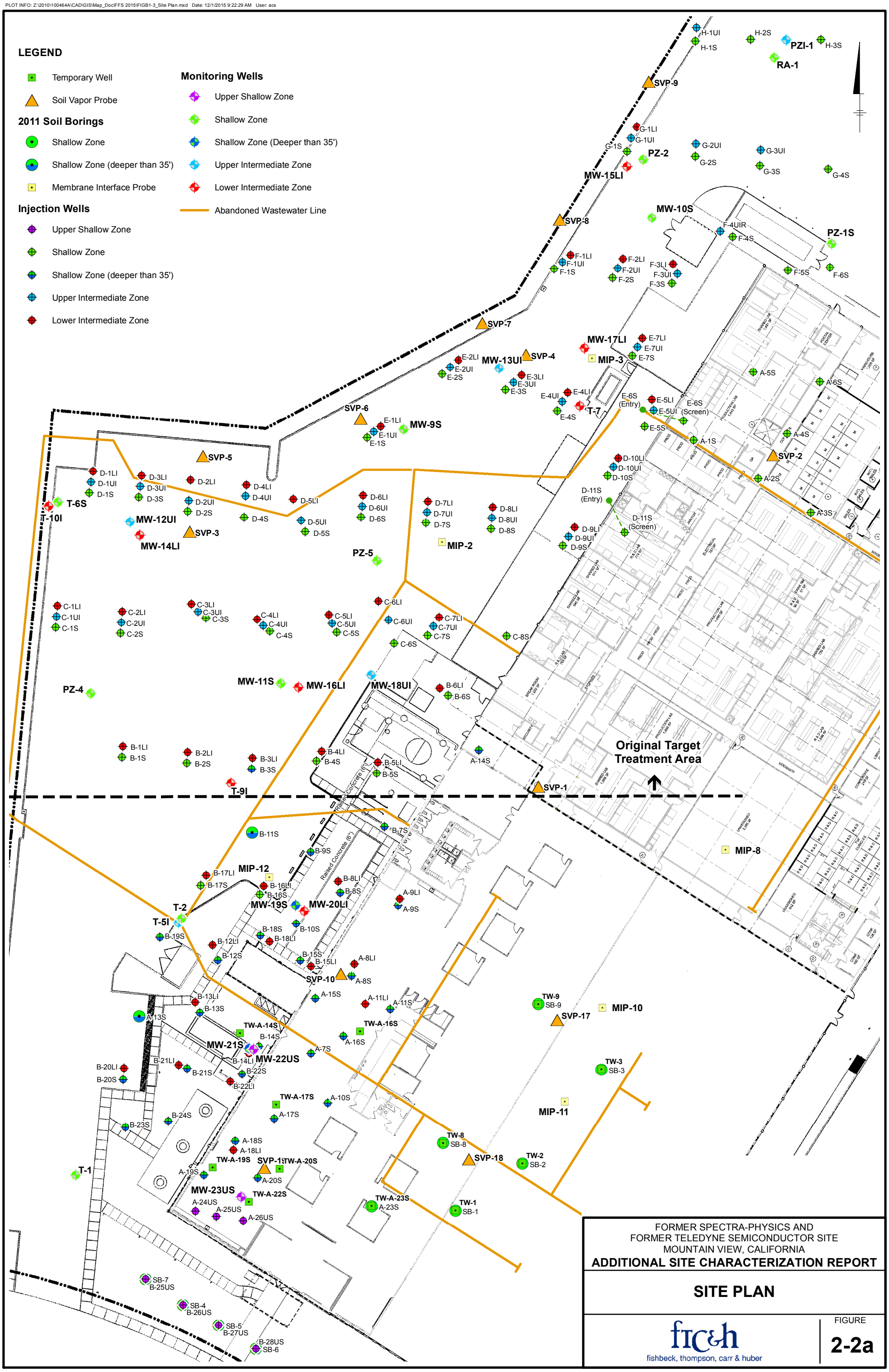
ADDITIONAL SITE CHARACTERIZATION REPORT

TREATABILITY STUDY LOCATION MAP

fic&h
fishbeck, thompson, carr & huber

FIGURE
2-1

PLOT INFO: Z:\2010\100464A\CAD\GIS\Map_Doc\FFS 2015\FIGB1-3_Site Plan.mxd Date: 12/1/2015 9:22:29 AM User: acs



FORMER SPECTRA-PHYSICS AND
FORMER TELEDYNE SEMICONDUCTOR SITE
MOUNTAIN VIEW, CALIFORNIA

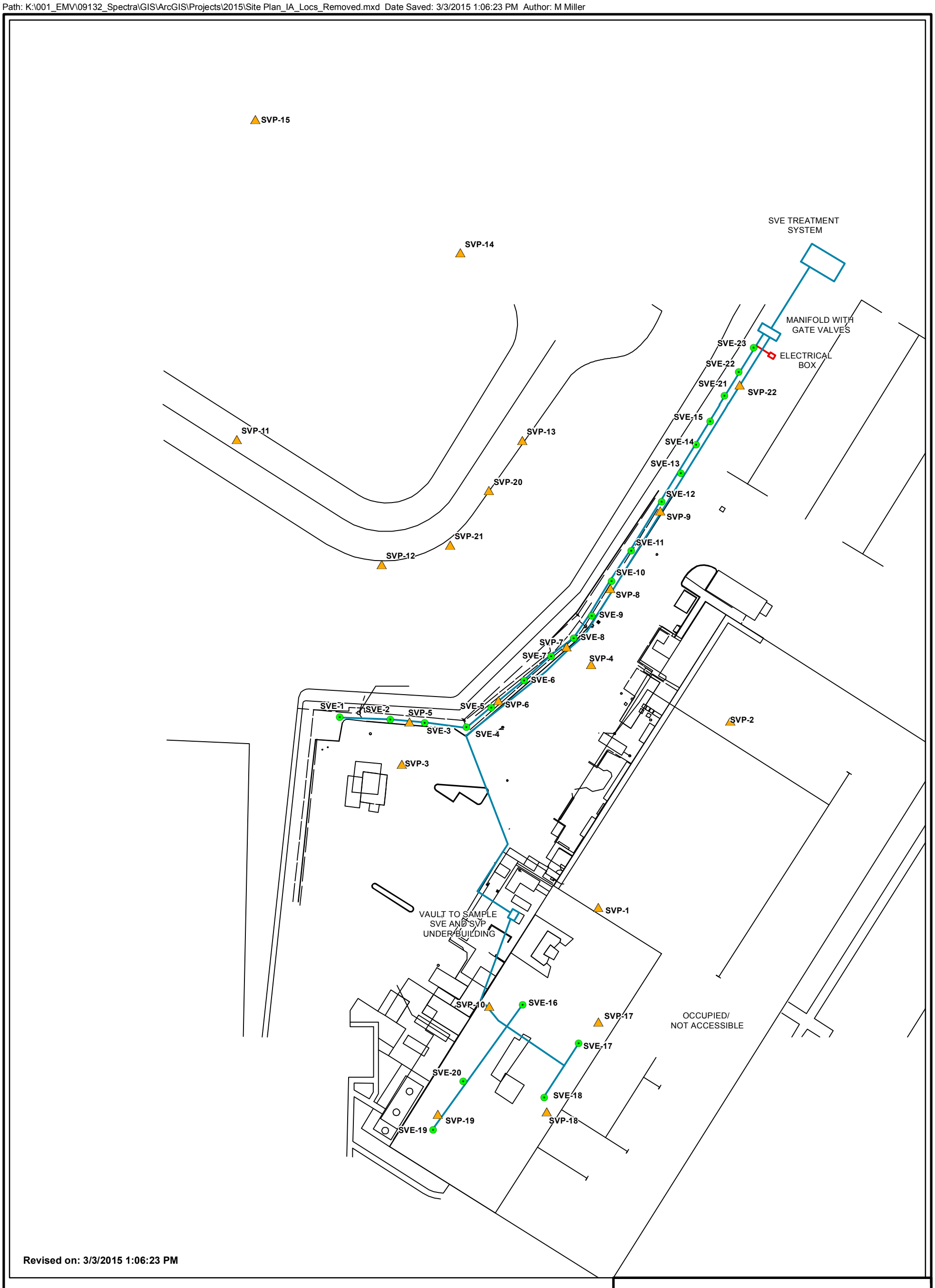
ADDITIONAL SITE CHARACTERIZATION REPORT

SITE PLAN

fic&h
fishbeck, thompson, carr & huber

FIGURE
2-2a

Path: K:\001_EMV\09132_Spectra\GIS\ArcGIS\Projects\2015\Site Plan_IA_Locs_Removed.mxd Date Saved: 3/3/2015 1:06:23 PM Author: M Miller



Revised on: 3/3/2015 1:06:23 PM

LEGEND

- SOIL VAPOR PROBE
- SOIL VAPOR EXTRACTION WELLS
- SVE LINE

0 50 100

SCALE IN FEET

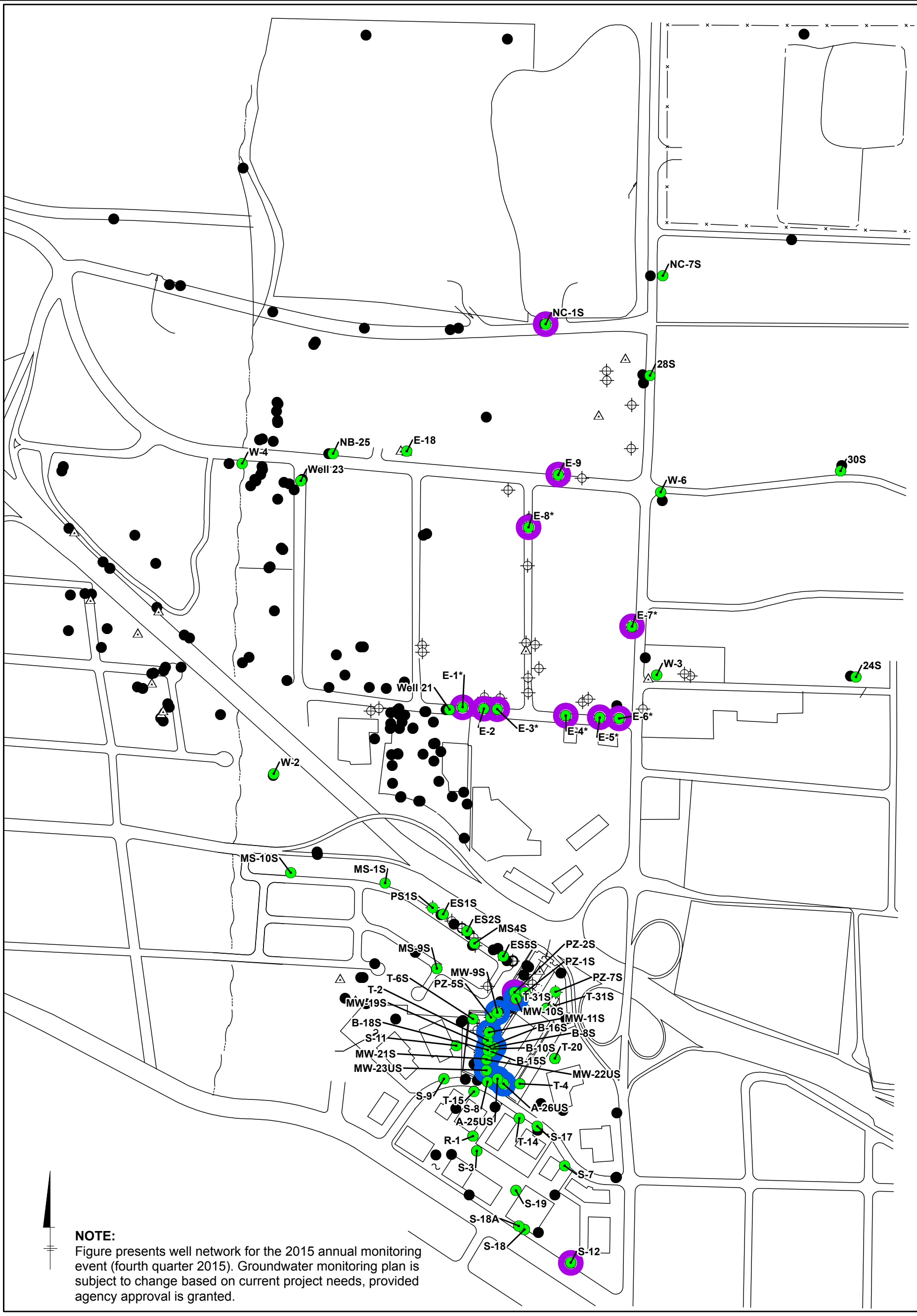
FORMER SPECTRA-PHYSICS LASERS AND FORMER TELEDYNE SEMICONDUCTOR SITES
MOUNTAIN VIEW, CALIFORNIA

SOIL VAPOR MONITORING POINT LOCATIONS

ARCADIS Design & Consultancy for natural and built assets

FIGURE **2-2b**

Path: Z:\GISPROJECTS_ENV\Spectra\09132_Spectra\GIS\ArcGIS\Projects\2015\Monitoring Plan\Figure 2 Prop Mont Program Shallow.mxd Date Saved: 11/18/2015 12:46:06 PM Author: M MILLER



NOTE:
Figure presents well network for the 2015 annual monitoring event (fourth quarter 2015). Groundwater monitoring plan is subject to change based on current project needs, provided agency approval is granted.

LEGEND

- 2015 ANNUAL MNA MONITORING WELL
- 2015 ANNUAL ERD PERFORMANCE MONITORING WELL
- 2015 ANNUAL MONITORING WELL
- EXTRACTION
- MONITORING WELL
- PIEZOMETER

MNA = MONITORED NATURAL ATTENUATION
ERD = ENHANCED REDUCTIVE DECHLORINATION
* = TO BE SAMPLED FOR DISSOLVED GASES

0 600 1,200 Feet

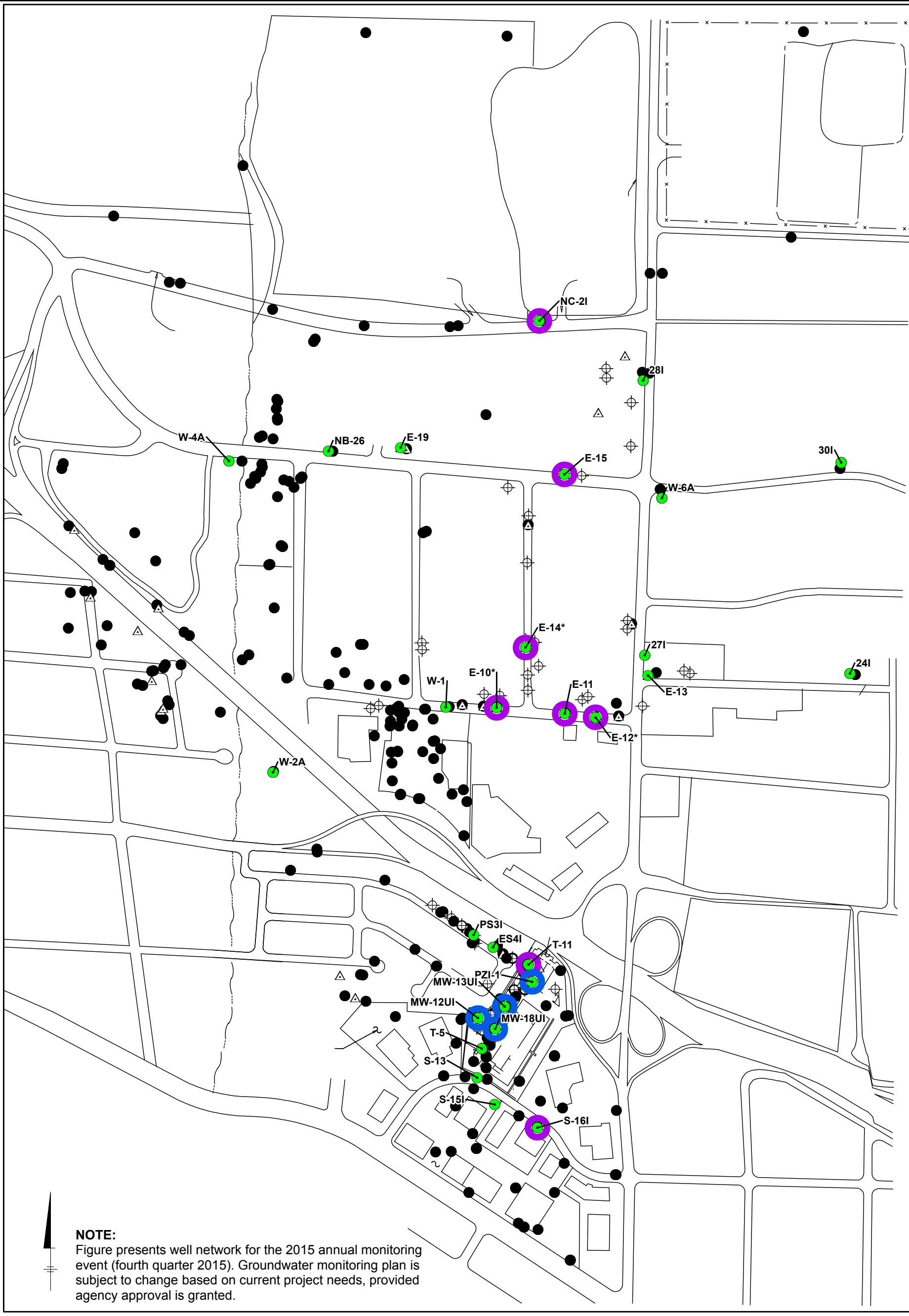
FORMER SPECTRA-PHYSICS LASERS AND
FORMER TELEDYNE SEMICONDUCTOR SITES
MOUNTAIN VIEW, CALIFORNIA

GROUNDWATER MONITORING NETWORK
SHALLOW-ZONE WELLS
2015 ANNUAL MONITORING EVENT

ARCADIS

FIGURE
3-1a

Path: Z:\GISPROJECTS_ENV\Spectra\09132_Spectra\GIS\ArcGIS\Projects\2015\Monitoring Plan\Figure 3 TCE UI 2q2014.mxd Date Saved: 11/18/2015 12:11:17 PM Author: M MILLER



LEGEND

- 2015 ANNUAL MNA MONITORING WELL
- 2015 ANNUAL ERD PERFORMANCE MONITORING WELL
- 2015 ANNUAL MONITORING WELL
- EXTRACTION
- MONITORING WELL
- PIEZOMETER

MNA = MONITORED NATURAL ATTENUATION
ERD = ENHANCED REDUCTIVE DECHLORINATION
* = TO BE SAMPLED FOR DISSOLVED GASES

0 600 1,200 Feet

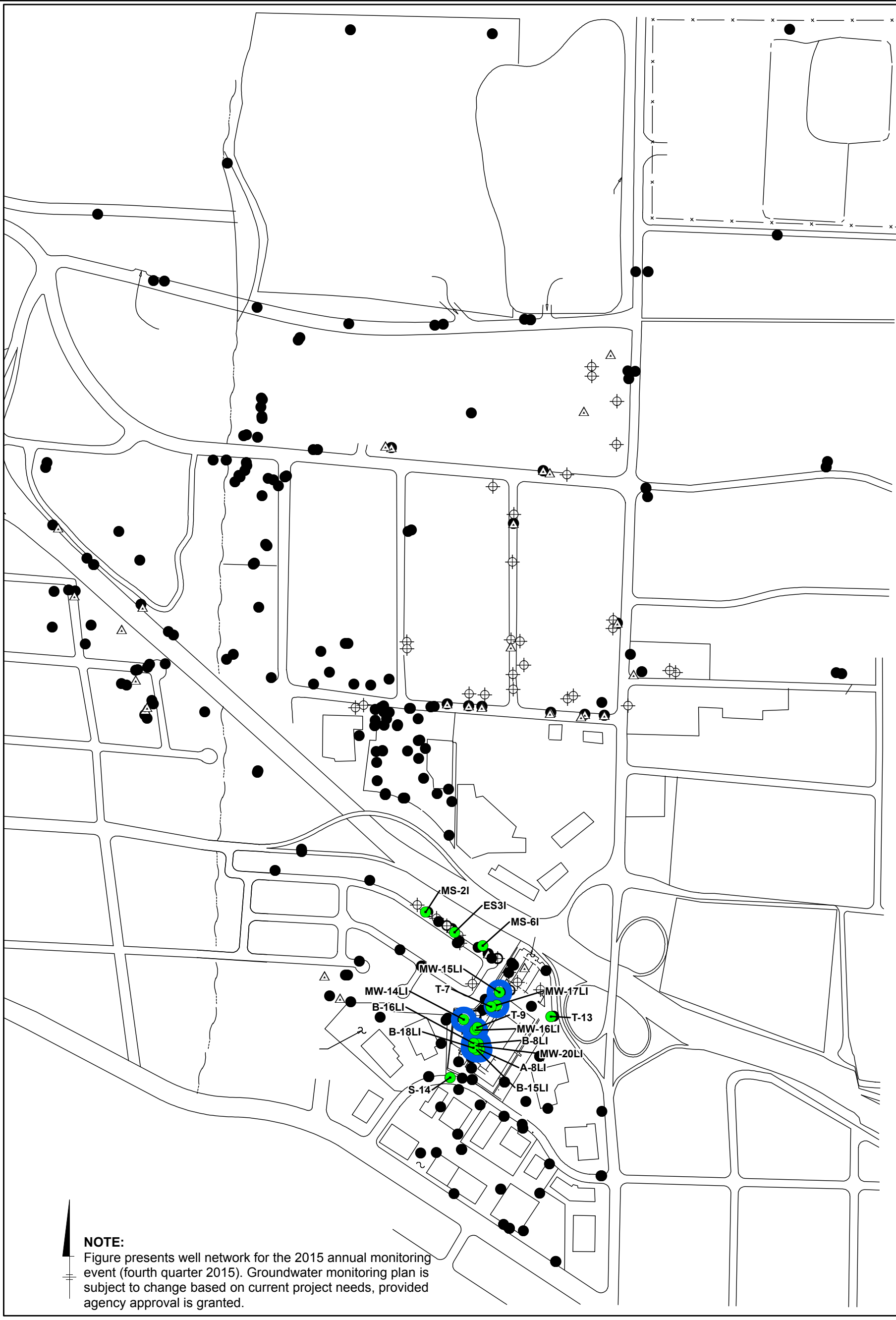
FORMER SPECTRA-PHYSICS LASERS AND FORMER TELEDYNE SEMICONDUCTOR SITES
MOUNTAIN VIEW, CALIFORNIA

GROUNDWATER MONITORING NETWORK UPPER INTERMEDIATE-ZONE WELLS 2015 ANNUAL MONITORING EVENT

ARCADIS

FIGURE **3-1b**

Path: Z:\GISPROJECTS_ENV\Spectra\09132_Spectra\GIS\ArcGIS\Projects\2015\Monitoring Plan\Figure 4 TCE LI 2q2014.mxd Date Saved: 11/18/2015 11:50:13 AM Author: M MILLER



NOTE:
Figure presents well network for the 2015 annual monitoring event (fourth quarter 2015). Groundwater monitoring plan is subject to change based on current project needs, provided agency approval is granted.

LEGEND

- 2015 ANNUAL ERD PERFORMANCE MONITORING WELL
- 2015 ANNUAL MONITORING WELL
- EXTRACTION
- MONITORING WELL
- PIEZOMETER

ERD = ENHANCED REDUCTIVE DECHLORINATION

Feet
0 600 1,200

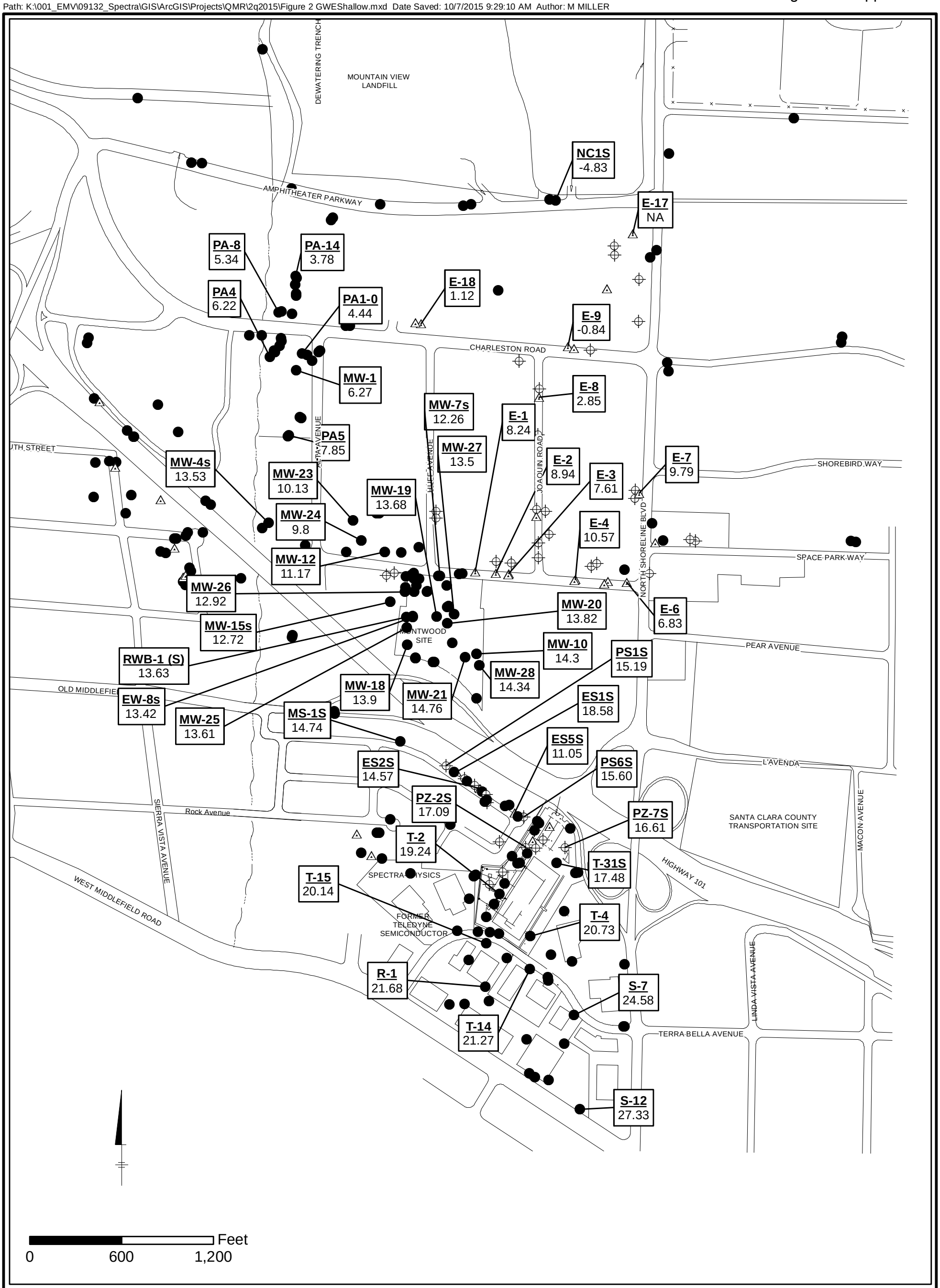
FORMER SPECTRA-PHYSICS LASERS AND
FORMER TELEDYNE SEMICONDUCTOR SITES
MOUNTAIN VIEW, CALIFORNIA

GROUNDWATER MONITORING NETWORK
LOWER INTERMEDIATE-ZONE WELLS
2015 ANNUAL MONITORING EVENT

ARCADIS

FIGURE
3-1c

Path: K:\001_EMV\09132_Spectra\GIS\ArcGIS\Projects\QMR\2q2015\Figure 2 GWEShallow.mxd Date Saved: 10/7/2015 9:29:10 AM Author: M MILLER



LEGEND

- EXTRACTION
- MONITORING WELL
- PIEZOMETER
- GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)

NA = NOT AVAILABLE

S-12 — WELL IDENTIFICATION
27.33 — GROUNDWATER ELEVATION IN FEET (RELATIVE TO MEAN SEA LEVEL)

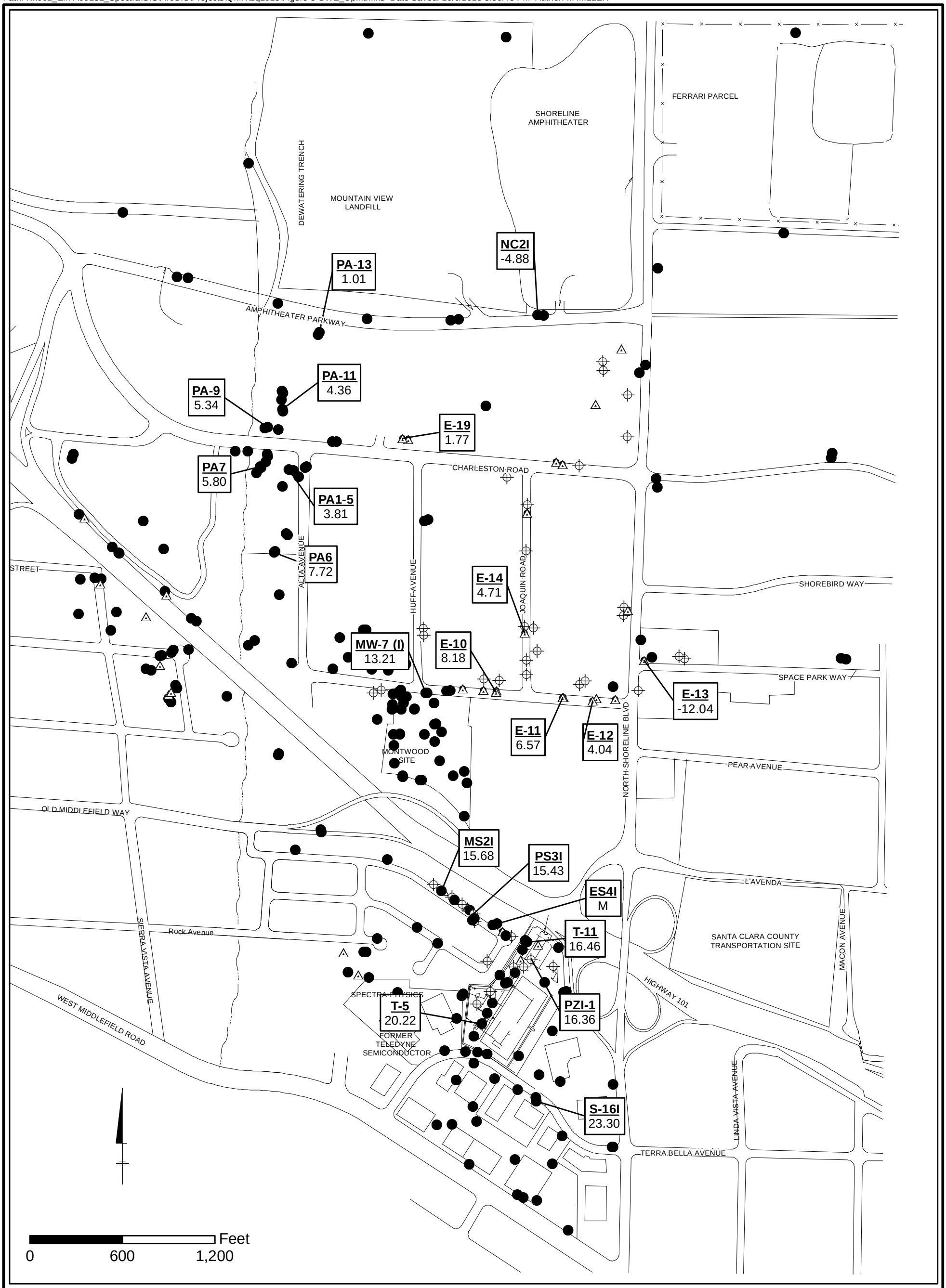
FORMER SPECTRA-PHYSICS AND FORMER TELEDYNE SEMICONDUCTOR FACILITIES, MOUNTAIN VIEW CALIFORNIA,
SEMIANNUAL GROUNDWATER MONITORING REPORT

SHALLOW - ZONE GROUNDWATER ELEVATIONS JUNE 2015

ARCADIS

FIGURE **3-2**

Path: K:\001_EMV\09132_Spectra\GIS\ArcGIS\Projects\QMR\2q2015\Figure 3 GWE_UpInt.mxd Date Saved: 10/6/2015 8:36:48 PM Author: M MILLER



LEGEND

- EXTRACTION
- MONITORING WELL
- PIEZOMETER
- GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)

NA = NOT AVAILABLE

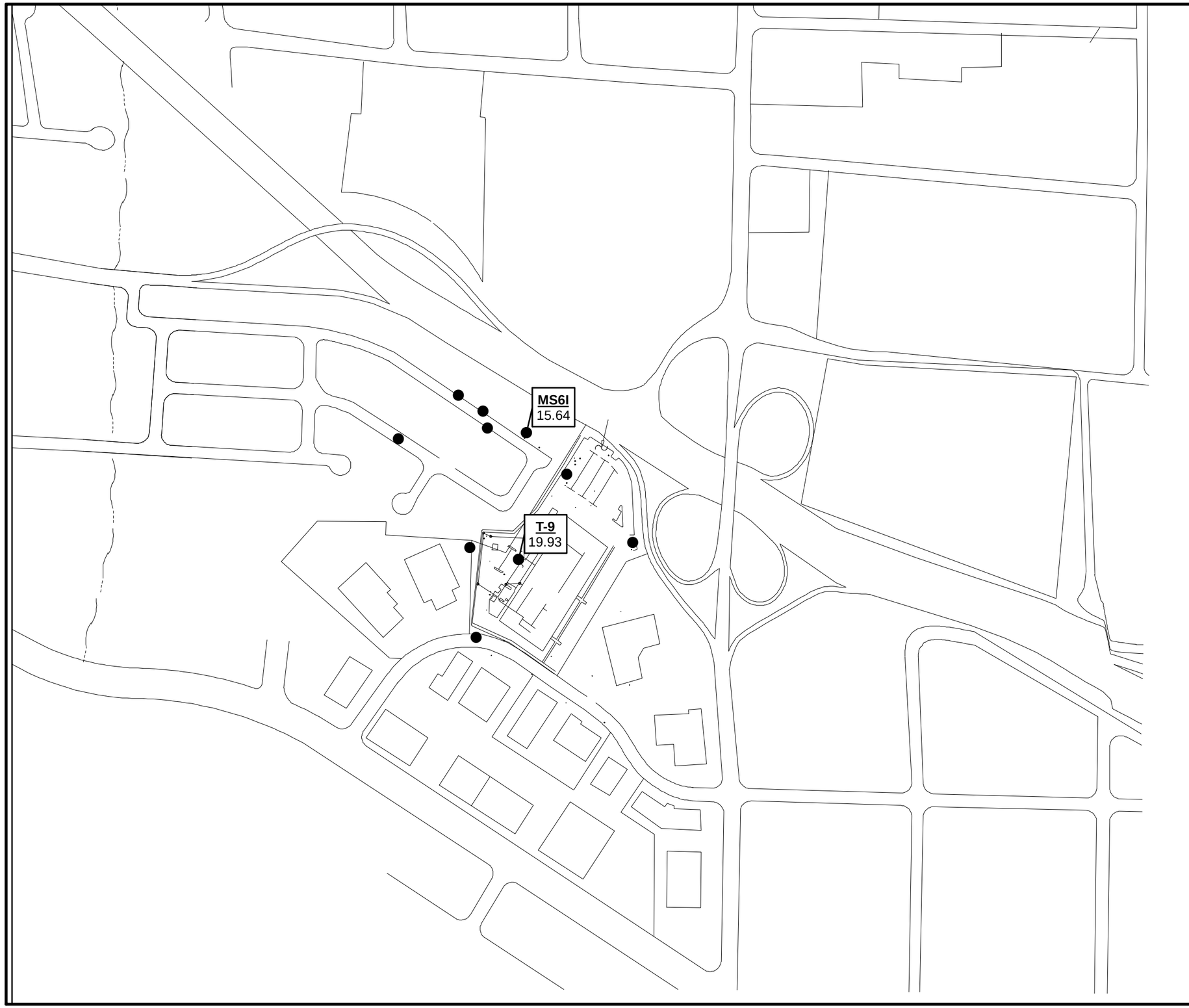
S-16I — WELL IDENTIFICATION
23.30 — GROUNDWATER ELEVATION IN FEET (RELATIVE TO MEAN SEA LEVEL)

FORMER SPECTRA-PHYSICS AND FORMER TELEDYNE SEMICONDUCTOR FACILITIES, MOUNTAIN VIEW CALIFORNIA,
SEMIANNUAL GROUNDWATER MONITORING REPORT

UPPER-INTERMEDIATE-ZONE GROUNDWATER ELEVATIONS JUNE 2015

ARCADIS

FIGURE **3-3**



LEGEND

GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)

SHALLOW-ZONE EXTRACTION WELL

SHALLOW-ZONE MONITORING WELL

SHALLOW-ZONE PIEZOMETER

T-9 — WELL IDENTIFICATION

19.93 — GROUNDWATER ELEVATION IN FEET (RELATIVE TO MEAN SEA LEVEL)

0 400 800 Feet

GRAPHIC SCALE

Former Spectra-Physics Lasers,
Former Teledyne Semiconductor

Lower - Intermediate - Zone Groundwater Elevations June 2015

ARCADIS

FIGURE **3-4**

Path: K:\001_EMV\09132_Spectra\GIS\ArcGIS\Projects\QMR\2q2015\Figure 4 GWELower.mxd Date Saved: 10/7/2015 9:32:06 AM Author: MSMiller

LEGEND

MONITORING WELL INCLUDED IN SAMPLING EVENT

T-14 — WELL IDENTIFICATION
12/5/2014 0.011 — TCE CONCENTRATION RESULTS (mg/L)
SAMPLE DATE

TCE TRICHLOROETHENE
< CONCENTRATION NOT DETECTED ABOVE LABORATORY DETECTION LIMIT
ND NON DETECT
ERD ENHANCED REDUCTIVE DECHLORINATION (2011-2014)
mg/L MILLIGRAMS PER LITER
> GREATER THAN
= EQUAL TO
* NOT USED IN CONTOURING

CONTOUR CONCENTRATION VALUES (DASHED WHERE INFERRED)

- > OR = 5.0 mg/L
- > OR = 0.500 mg/L
- > OR = 0.050 mg/L
- > OR = 0.005 mg/L

N W E S

0 250 500 Feet

FORMER SPECTRA-PHYSICS LASERS AND FORMER TELEDYNE SEMICONDUCTOR SITES
MOUNTAIN VIEW, CALIFORNIA

PRE-ERD AND POST-ERD COMPARISON OF TCE DISTRIBUTION IN SHALLOW GROUNDWATER

ARCADIS

FIGURE 3-5a

Path: Z:\GISPROJECTS_ENV\Spectra\ERD Figures\Spectra2q2013\Figures\2q2015\Figure 9 TCE Shallow Pre Post ERD 2q2015.mxd Date Saved: 10/27/2015 1:13:59 PM Author: M Miller

LEGEND

◉ MONITORING WELL INCLUDED IN SAMPLING EVENT

T-11 — WELL IDENTIFICATION
5/15/2014 — SAMPLE DATE
0.0024 — TCE CONCENTRATION RESULTS (mg/L)

TCE TRICHLOROETHENE
< CONCENTRATION NOT DETECTED ABOVE LABORATORY DETECTION LIMIT
ND NON DETECT
ERD ENHANCED REDUCTIVE DECHLORINATION (2011-2014)
mg/L MILLIGRAMS PER LITER
> GREATER THAN
= EQUAL TO
* NOT USED IN CONTOURING

CONTOUR CONCENTRATION VALUES (DASHED WHERE INFERRED)

- > OR = 5.0 mg/L
- > OR = 0.500 mg/L
- > OR = 0.050 mg/L
- > OR = 0.005 mg/L

N W E S

0 250 500 Feet

FORMER SPECTRA-PHYSICS LASERS AND FORMER TELEDYNE SEMICONDUCTOR SITES
MOUNTAIN VIEW, CALIFORNIA

PRE-ERD AND POST-ERD COMPARISON OF TCE DISTRIBUTION IN UPPER-INTERMEDIATE GROUNDWATER

ARCADIS

FIGURE
3-5b

Path: C:\Users\msmiller\Desktop\Spectra2q2013\Figures\2q2015\Figure 10 TCE Uplnt Pre Post ERD 2q2015.mxd Date Saved: 10/7/2015 10:18:36 AM Author: M Miller

LEGEND

MONITORING WELL INCLUDED IN SAMPLING EVENT

ES4I — WELL IDENTIFICATION
11/7/2013 0.2234 — TCE CONCENTRATION RESULTS (mg/L)
SAMPLE DATE

TCE TRICHLOROETHENE
< CONCENTRATION NOT DETECTED ABOVE LABORATORY DETECTION LIMIT
ND NON DETECT
ERD ENHANCED REDUCTIVE DECHLORINATION (2011-2014)
mg/L MILLIGRAMS PER LITER
> GREATER THAN
= EQUAL TO
* NOT USED IN CONTOURING

CONTOUR CONCENTRATION VALUES (DASHED WHERE INFERRED)

- > OR = 5.0 mg/L
- > OR = 0.500 mg/L
- > OR = 0.050 mg/L
- > OR = 0.005 mg/L

N W E S

0 250 500 Feet

FORMER SPECTRA-PHYSICS LASERS AND FORMER TELEDYNE SEMICONDUCTOR SITES
MOUNTAIN VIEW, CALIFORNIA

PRE-ERD AND POST-ERD COMPARISON OF TCE DISTRIBUTION IN LOWER-INTERMEDIATE GROUNDWATER

ARCADIS

FIGURE 3-5c

Path: Z:\GISPROJECTS_ENV\Spectra\ERD Figures\Spectra2q2013\Figures\2q2015\Figure 13 TCE LowInt PRE Post ERD 2q2015.mxd Date Saved: 11/12/2015 10:14:29 AM Author: M Miller

LEGEND

MONITORING WELL INCLUDED IN SAMPLING EVENT

T-6S — WELL IDENTIFICATION
5/14/2014 0.2463 — TOTAL VOC CONCENTRATION RESULTS (mg/L)
SAMPLE DATE

VOC	VOLATILE ORGANIC COMPOUND
<	CONCENTRATION NOT DETECTED ABOVE LABORATORY DETECTION LIMIT
ND	NON DETECT
ERD	ENHANCED REDUCTIVE DECHLORINATION (2011-2014)
mg/L	MILLIGRAMS PER LITER
>	GREATER THAN
=	EQUAL TO
*	NOT USED IN CONTOURING

CONTOUR CONCENTRATION VALUES (DASHED WHERE INFERRED)

- > OR = 5.0 mg/L
- > OR = 0.500 mg/L
- > OR = 0.050 mg/L
- > OR = 0.005 mg/L

N W E S

0 250 500 Feet

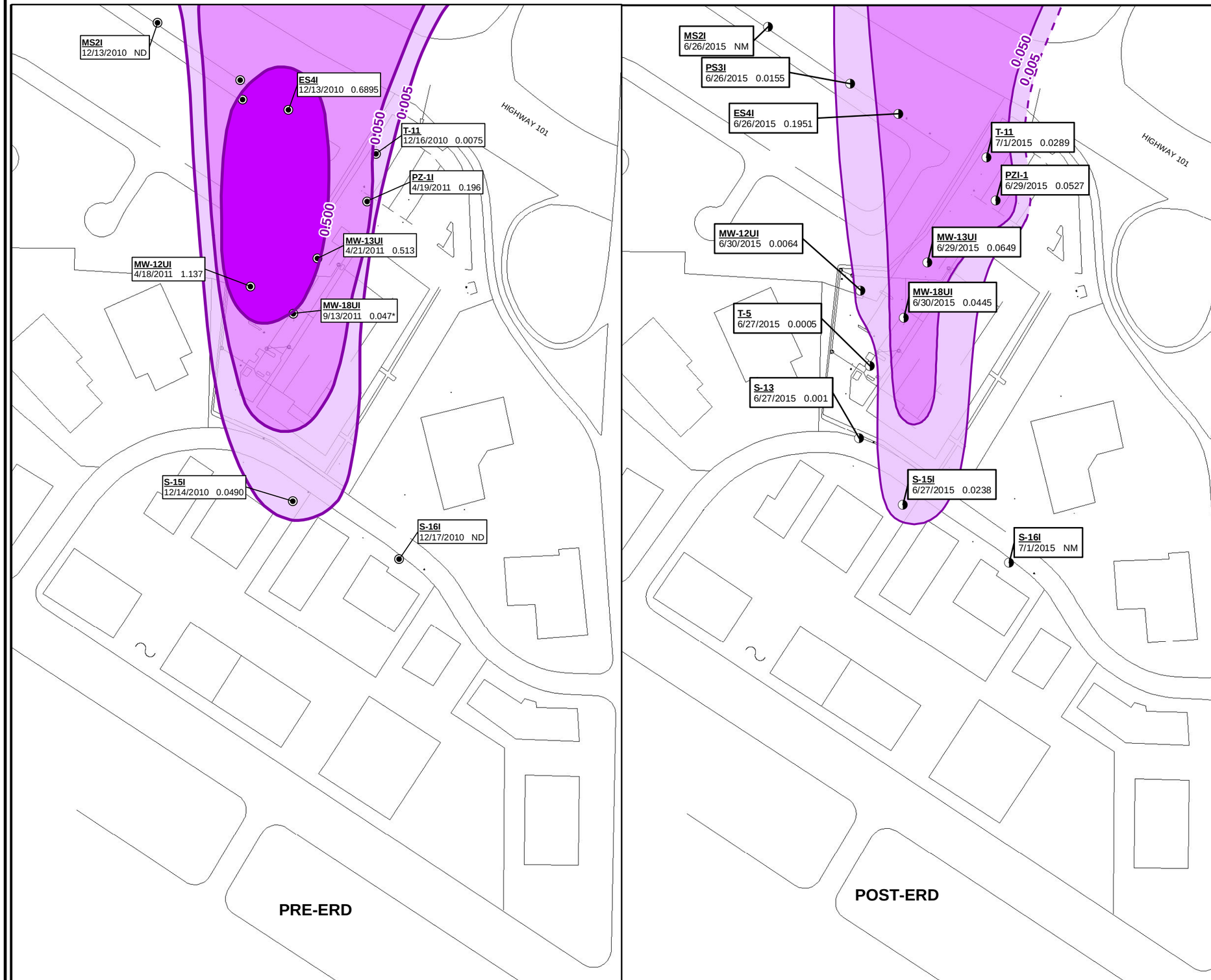
FORMER SPECTRA-PHYSICS LASERS AND FORMER TELEDYNE SEMICONDUCTOR SITES MOUNTAIN VIEW, CALIFORNIA

PRE-ERD AND POST-ERD COMPARISON OF TOTAL VOC DISTRIBUTION IN SHALLOW GROUNDWATER

ARCADIS

FIGURE **3-6a**

Path: C:\Users\msmiller\Desktop\Spectra2q2013\Figures\2q2015\Figure 11 VOC Shallow Pre Post ERD 2q2015.mxd Date Saved: 10/7/2015 10:29:11 AM Author: M Miller



LEGEND

◉ MONITORING WELL INCLUDED IN SAMPLING EVENT

ES4I — WELL IDENTIFICATION
11/7/2013 0.2234 — TOTAL VOC CONCENTRATION RESULTS (mg/L)
SAMPLE DATE

VOC VOLATILE ORGANIC COMPOUND
< CONCENTRATION NOT DETECTED ABOVE LABORATORY DETECTION LIMIT
ND NON DETECT
ERD ENHANCED REDUCTIVE DECHLORINATION (2011-2014)
mg/L MILLIGRAMS PER LITER
> GREATER THAN
= EQUAL TO
* NOT USED IN CONTOURING
(1) WELL INACCESSIBLE; MOST RECENT DATA FROM 2Q2014 SEMIANNUAL EVENT.

CONTOUR CONCENTRATION VALUES (DASHED WHERE INFERRED)

- > OR = 5.0 mg/L
- > OR = 0.500 mg/L
- > OR = 0.050 mg/L
- > OR = 0.005 mg/L

N W E S

0 250 500 Feet

FORMER SPECTRA-PHYSICS LASERS AND FORMER TELEDYNE SEMICONDUCTOR SITES
MOUNTAIN VIEW, CALIFORNIA

PRE-ERD AND POST-ERD COMPARISON OF TOTAL VOC DISTRIBUTION IN UPPER-INTERMEDIATE GROUNDWATER

ARCADIS

FIGURE
3-6b

Path: C:\Users\msmiller\Desktop\Spectra2q2013\Figures\2q2015\Figure 12 VOC UpInt Pre Post ERD 2q2015.mxd Date Saved: 10/7/2015 10:31:20 AM Author: M Miller

LEGEND

◑ MONITORING WELL INCLUDED IN SAMPLING EVENT

ES4I — WELL IDENTIFICATION
11/7/2013 0.2234 — TOTAL VOC CONCENTRATION RESULTS (mg/L)
SAMPLE DATE

VOC VOLATILE ORGANIC COMPOUNDS
< CONCENTRATION NOT DETECTED ABOVE LABORATORY DETECTION LIMIT
ND NON DETECT
ERD ENHANCED REDUCTIVE DECHLORINATION (2011-2014)
mg/L MILLIGRAMS PER LITER
> GREATER THAN
= EQUAL TO
* NOT USED IN CONTOURING

CONTOUR CONCENTRATION VALUES (DASHED WHERE INFERRED)

- > OR = 5.0 mg/L
- > OR = 0.500 mg/L
- > OR = 0.050 mg/L
- > OR = 0.005 mg/L

N W E S

FORMER SPECTRA-PHYSICS LASERS AND FORMER TELEDYNE SEMICONDUCTOR SITES
MOUNTAIN VIEW, CALIFORNIA

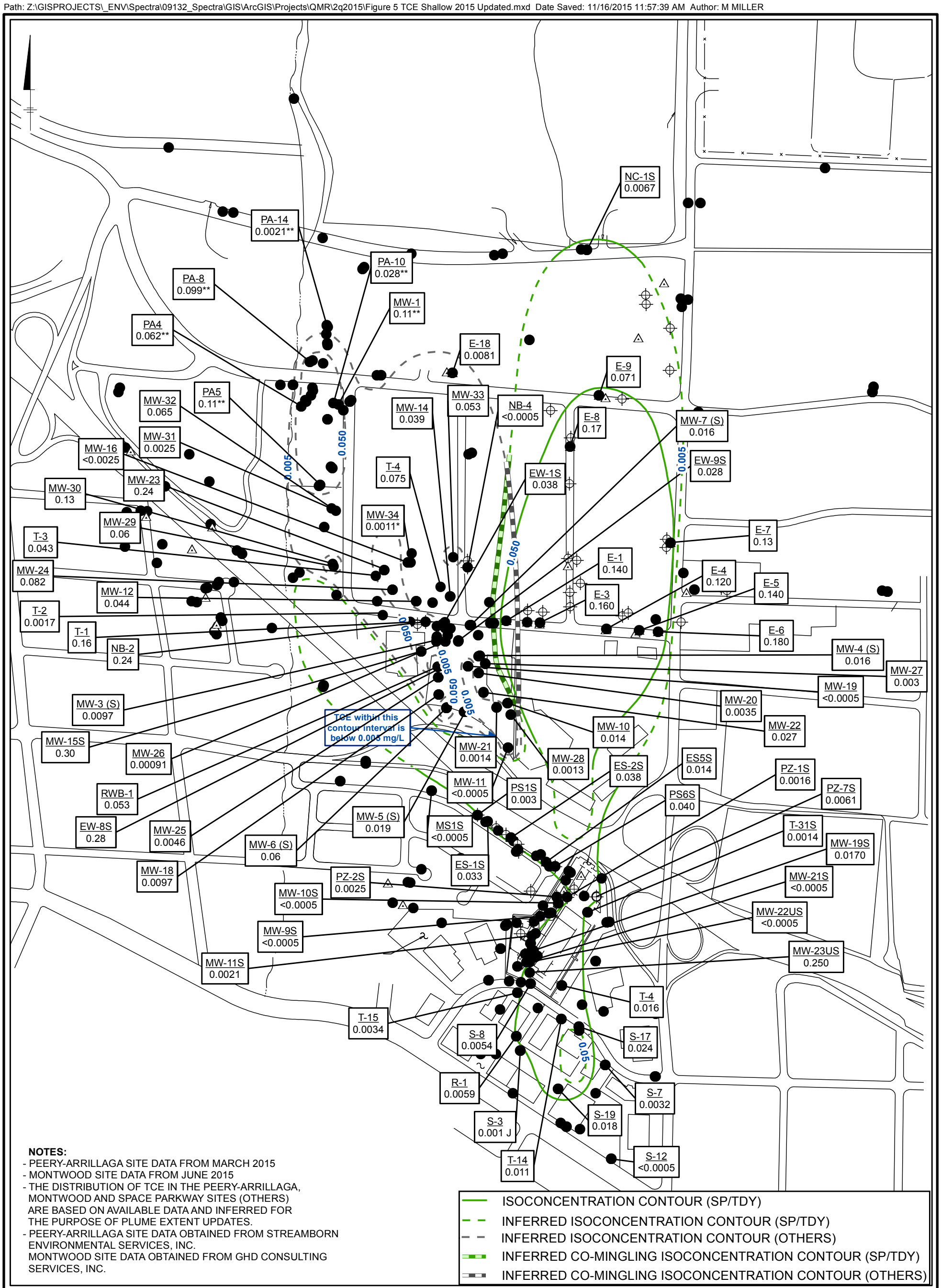
PRE-ERD AND POST-ERD COMPARISON OF TOTAL VOC DISTRIBUTION IN LOWER-INTERMEDIATE GROUNDWATER

ARCADIS

FIGURE 3-6c

Path: Z:\GISPROJECTS_ENV\SpectraERD Figures\Spectra2q2013\Figures\2q2015\Figure 14 VOC LowInt PRE Post ERD 2q2015.mxd Date Saved: 11/16/2015 12:08:14 PM Author: M Miller

Path: Z:\GISPROJECTS_ENV\Spectra\09132_Spectra\GIS\ArcGIS\Projects\QMR\2q2015\Figure 5 TCE Shallow 2015 Updated.mxd Date Saved: 11/16/2015 11:57:39 AM Author: M MILLER



NOTES:
- PEERY-ARRILLAGA SITE DATA FROM MARCH 2015
- MONTWOOD SITE DATA FROM JUNE 2015
- THE DISTRIBUTION OF TCE IN THE PEERY-ARRILLAGA, MONTWOOD AND SPACE PARKWAY SITES (OTHERS) ARE BASED ON AVAILABLE DATA AND INFERRED FOR THE PURPOSE OF PLUME EXTENT UPDATES.
- PEERY-ARRILLAGA SITE DATA OBTAINED FROM STREAMBORN ENVIRONMENTAL SERVICES, INC. MONTWOOD SITE DATA OBTAINED FROM GHD CONSULTING SERVICES, INC.

ISOCONCENTRATION CONTOUR (SP/TDY)
INFERRED ISOCONCENTRATION CONTOUR (SP/TDY)
INFERRED ISOCONCENTRATION CONTOUR (OTHERS)
INFERRED CO-MINGLING ISOCONCENTRATION CONTOUR (SP/TDY)
INFERRED CO-MINGLING ISOCONCENTRATION CONTOUR (OTHERS)

LEGEND

EXTRACTION
MONITORING WELL
PIEZOMETER

0 600 1,200 Feet

TCE TRICHLOROETHENE
< CONCENTRATION NOT DETECTED ABOVE LABORATORY DETECTION LIMIT
* NOT USED IN CONTOURING
** ABOVE LABORATORY DETECTION LIMIT DATA NOT CONTEMPORANEOUS

R-1 0.0059 — WELL IDENTIFICATION
TCE CONCENTRATION RESULTS EXPRESSED IN PARTS PER MILLION

FORMER SPECTRA-PHYSICS AND FORMER TELEDYNE SEMICONDUCTOR FACILITIES, MOUNTAIN VIEW CALIFORNIA,
SEMIANNUAL GROUNDWATER MONITORING REPORT

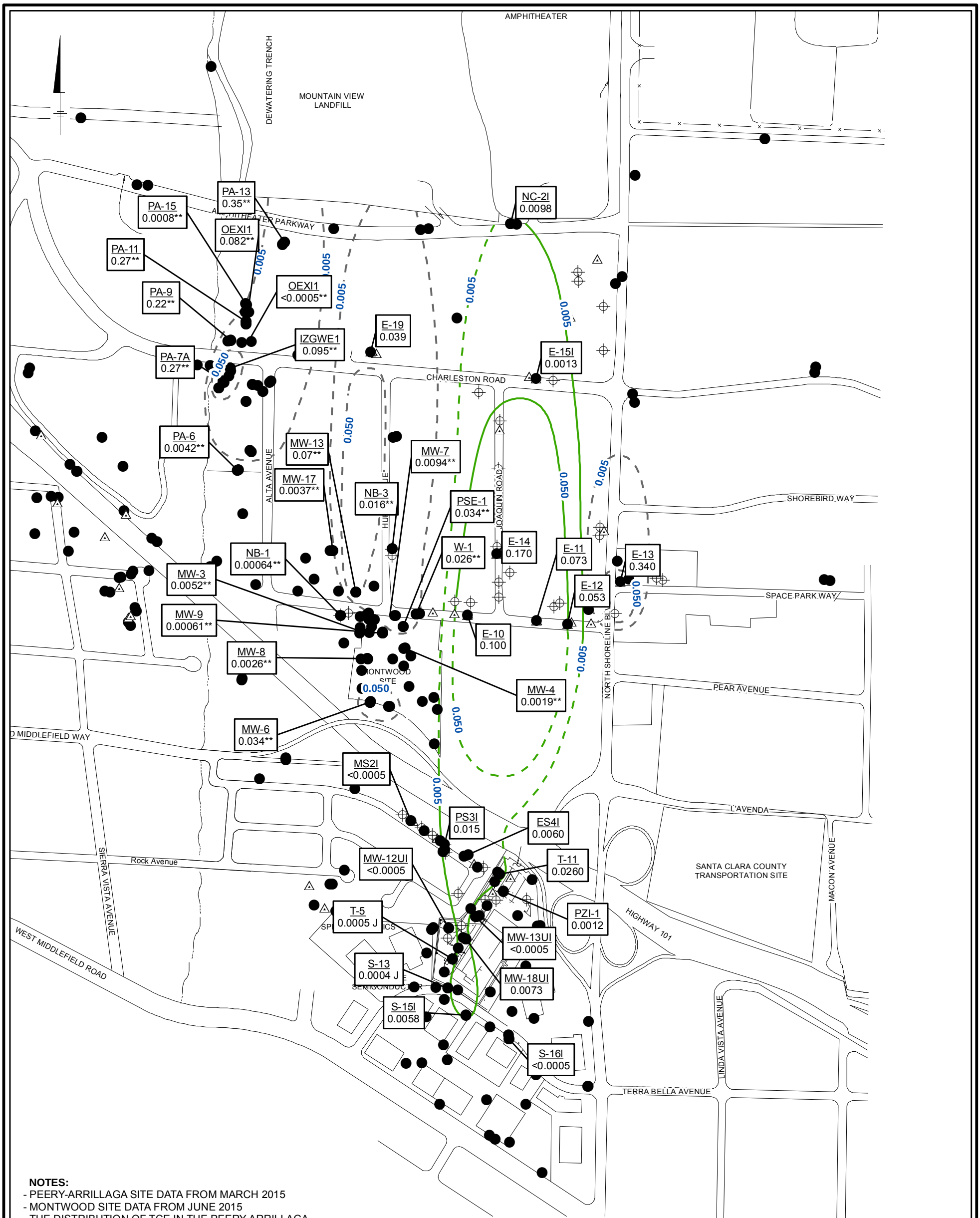
SHALLOW-ZONE TCE CONCENTRATIONS SECOND QUARTER 2015

ARCADIS

FIGURE **3-7a**

Revised 11/16/2015

Path: K:\001_EMV\09132_Spectra\GIS\ArcGIS\Projects\QMR\2q2015\Figure 6 TCE UpInt 2015 Updated.mxd Date Saved: 10/7/2015 11:29:40 AM Author: M Miller



NOTES:
- PEERY-ARRILLAGA SITE DATA FROM MARCH 2015
- MONTWOOD SITE DATA FROM JUNE 2015
- THE DISTRIBUTION OF TCE IN THE PEERY-ARRILLAGA, MONTWOOD AND SPACE PARKWAY SITES (OTHERS) ARE BASED ON AVAILABLE DATA AND INFERRED FOR THE PURPOSE OF PLUME EXTENT UPDATES.
- PEERY-ARRILLAGA SITE DATA OBTAINED FROM STREAMBORN ENVIRONMENTAL SERVICES, INC. MONTWOOD SITE DATA OBTAINED FROM GHD CONSULTING SERVICES, INC.

ISOCONCENTRATION CONTOUR (SP/TDY)
INFERRED ISOCONCENTRATION CONTOUR (SP/TDY)
INFERRED ISOCONCENTRATION CONTOUR (OTHERS)

LEGEND

EXTRACTION
MONITORING WELL
PIEZOMETER

0 600 1,200 Feet

TCE TRICHLOROETHENE
< CONCENTRATION NOT DETECTED ABOVE LABORATORY DETECTION LIMIT
* DATA COLLECTED NOT USED IN CONTOURING
** DATA NOT CONTEMPORANEOUS

S-15I 0.0058 — WELL IDENTIFICATION; TCE CONCENTRATION RESULTS EXPRESSED IN PARTS PER MILLION

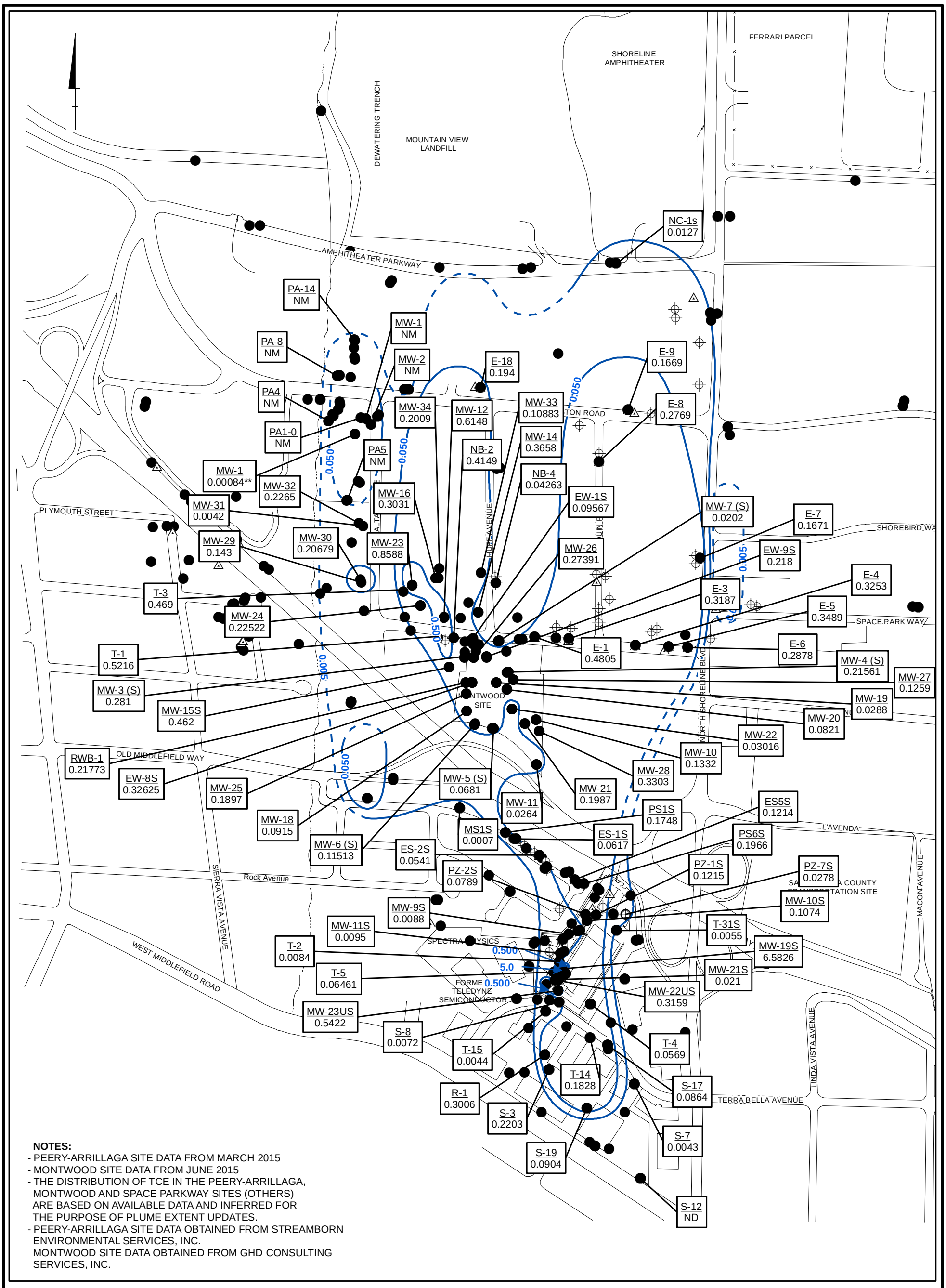
FORMER SPECTRA-PHYSICS AND FORMER TELEDYNE SEMICONDUCTOR FACILITIES, MOUNTAIN VIEW CALIFORNIA,
SEMIANNUAL GROUNDWATER MONITORING REPORT

UPPER-INTERMEDIATE-ZONE TCE CONCENTRATIONS SECOND QUARTER 2015

ARCADIS

FIGURE **3-7b**

Path: K:\001_EMV\09132_Spectra\GIS\ArcGIS\Projects\QMR\2q2015\Figure 7 TtlVOCShallow 2q2015.mxd Date Saved: 10/7/2015 12:38:58 PM Author:



NOTES:
- PEERY-ARRILLAGA SITE DATA FROM MARCH 2015
- MONTWOOD SITE DATA FROM JUNE 2015
- THE DISTRIBUTION OF TCE IN THE PEERY-ARRILLAGA, MONTWOOD AND SPACE PARKWAY SITES (OTHERS) ARE BASED ON AVAILABLE DATA AND INFERRED FOR THE PURPOSE OF PLUME EXTENT UPDATES.
- PEERY-ARRILLAGA SITE DATA OBTAINED FROM STREAMBORN ENVIRONMENTAL SERVICES, INC. MONTWOOD SITE DATA OBTAINED FROM GHD CONSULTING SERVICES, INC.

LEGEND

- EXTRACTION
- MONITORING WELL
- PIEZOMETER
- VOC ISCONCENTRATIONS CONTOURS (DASHED WHEN INFERRRED)

VOC VOLATILE ORGANIC COMPOUND
ND NOT DETECTED
* DATA COLLECTED NOT USED IN CONTOURING
** DATA NOT CONTEMPORANEOUS

T-15 0.0044 — WELL IDENTIFICATION
TOTAL VOC CONCENTRATION RESULTS EXPRESSED IN PARTS PER BILLION

0 600 1,200 Feet

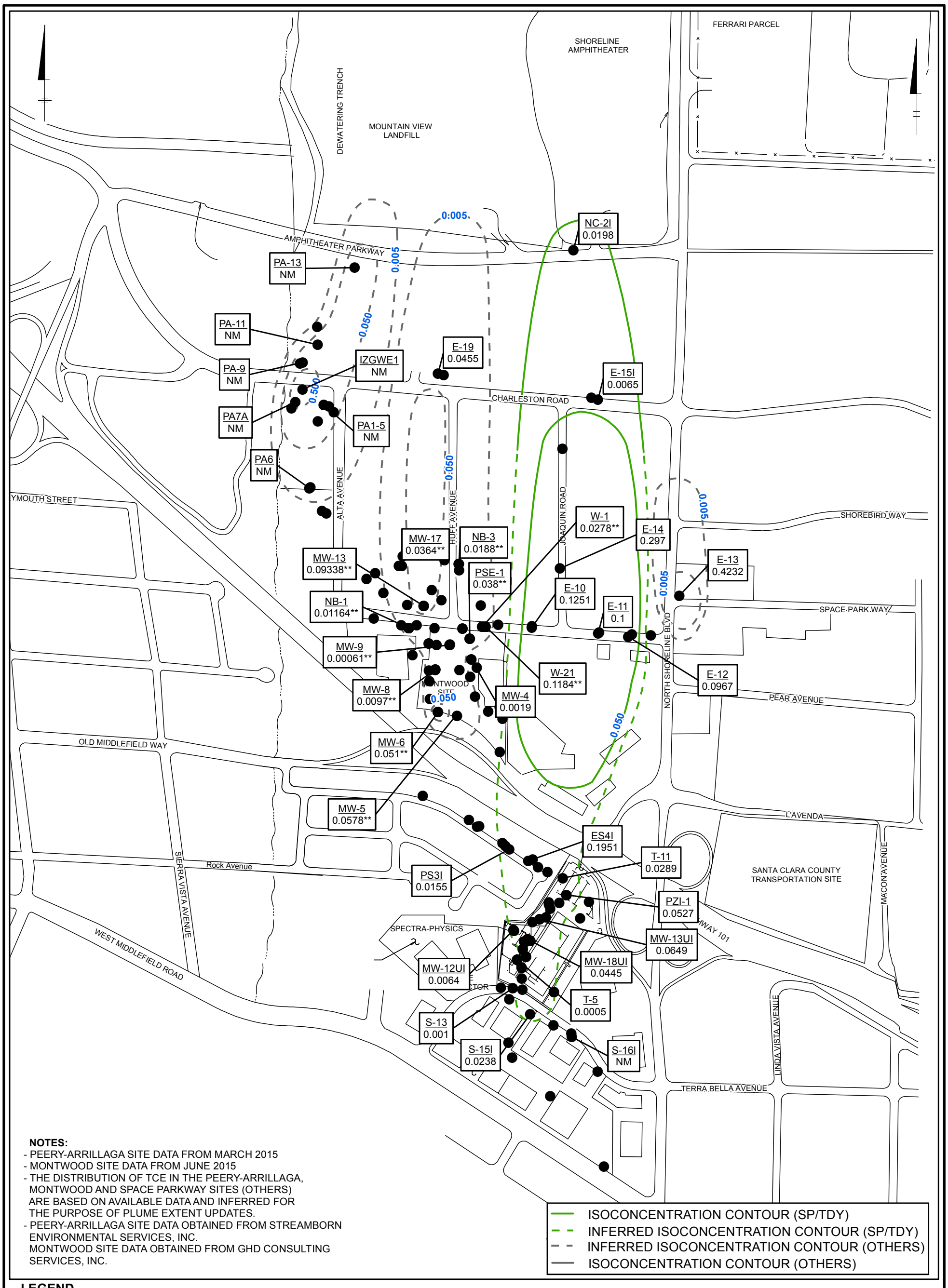
FORMER SPECTRA-PHYSICS AND FORMER TELEDYNE SEMICONDUCTOR FACILITIES, MOUNTAIN VIEW CALIFORNIA,
SEMIANNUAL GROUNDWATER MONITORING REPORT

SHALLOW-ZONE TOTAL VOCS CONCENTRATIONS SECOND QUARTER 2015

ARCADIS

FIGURE **3-8a**

Path: Z:\GISPROJECTS_ENV\Spectra\09132_Spectra\GIS\ArcGIS\Projects\QMR\2q2015\Figure 8 TtlVOC UpInt 2q2015.mxd Date Saved: 11/16/2015 11:51:32 AM Author: M Miller



NOTES:
- PEERY-ARRILLAGA SITE DATA FROM MARCH 2015
- MONTWOOD SITE DATA FROM JUNE 2015
- THE DISTRIBUTION OF TCE IN THE PEERY-ARRILLAGA, MONTWOOD AND SPACE PARKWAY SITES (OTHERS) ARE BASED ON AVAILABLE DATA AND INFERRED FOR THE PURPOSE OF PLUME EXTENT UPDATES.
- PEERY-ARRILLAGA SITE DATA OBTAINED FROM STREAMBORN ENVIRONMENTAL SERVICES, INC. MONTWOOD SITE DATA OBTAINED FROM GHD CONSULTING SERVICES, INC.

LEGEND

- EXTRACTION
- MONITORING WELL
- PIEZOMETER
- VOC ISCONCENTRATIONS (DASHED WHERE INFERRED)

S-13 0.001 — WELL IDENTIFICATION; TOTAL VOC CONCENTRATION RESULTS EXPRESSED IN PARTS PER MILLION

VOC VOLATILE ORGANIC COMPOUND
ND NOT DETECTED
NM NOT MEASURED
* DATA COLLECTED NOT USED IN CONTOURING
** DATA NOT CONTEMPORANEOUS

0 600 1,200 Feet

FORMER SPECTRA-PHYSICS AND FORMER TELEDYNE SEMICONDUCTOR FACILITIES, MOUNTAIN VIEW CALIFORNIA,
SEMIANNUAL GROUNDWATER MONITORING REPORT

UPPER-INTERMEDIATE-ZONE TOTAL VOCS CONCENTRATIONS SECOND QUARTER 2015

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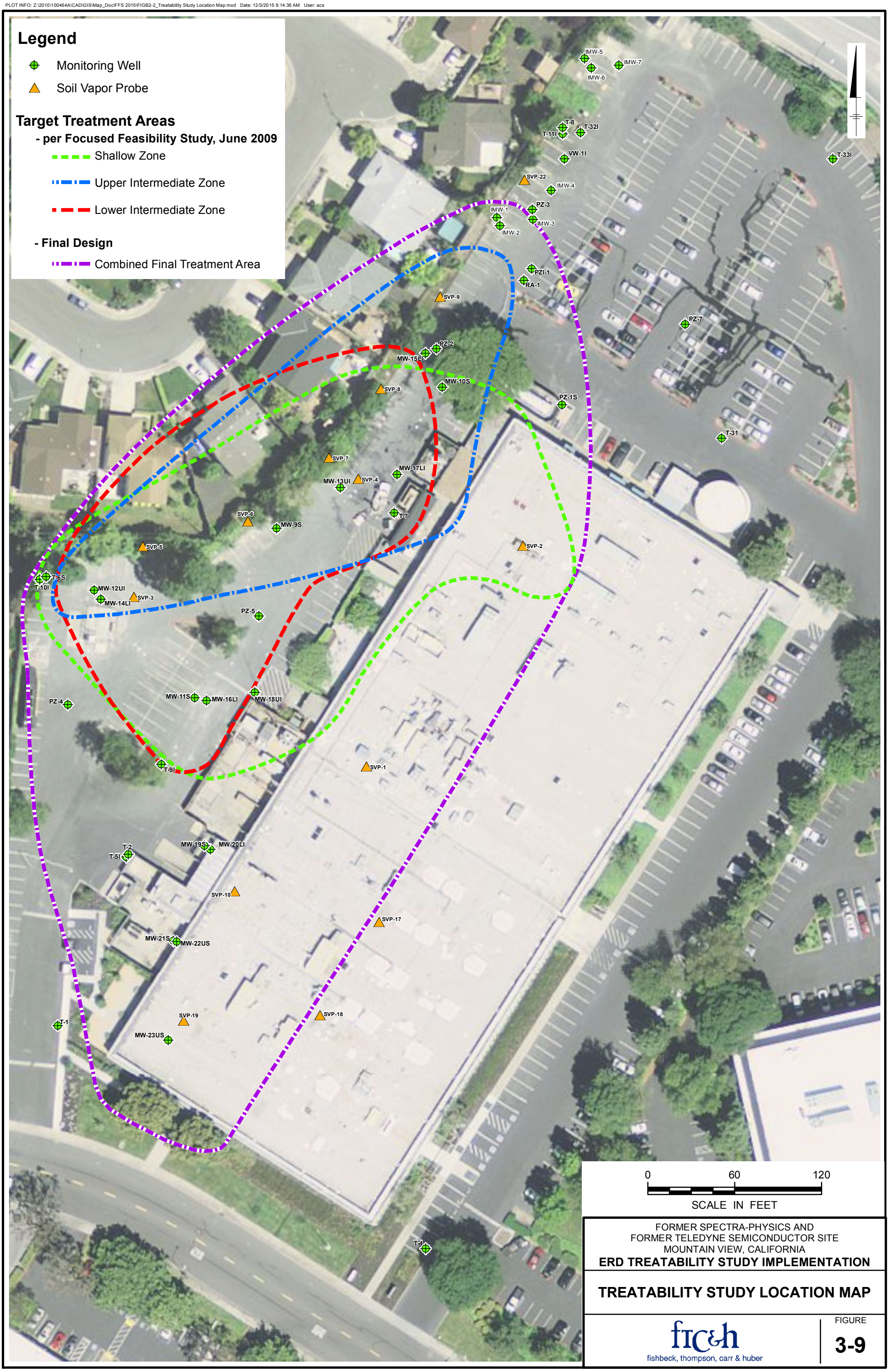
FIGURE **3-8b**

Revised11/16/2015

PLOT INFO: Z:\2010\100464A\CAD\GIS\Map_Doc\FFS 2015\FIGB2-2_Treatability Study Location Map.mxd Date: 12/3/2015 9:14:36 AM User: acs



FORMER SPECTRA-PHYSICS AND
FORMER TELEDYNE SEMICONDUCTOR SITE
MOUNTAIN VIEW, CALIFORNIA

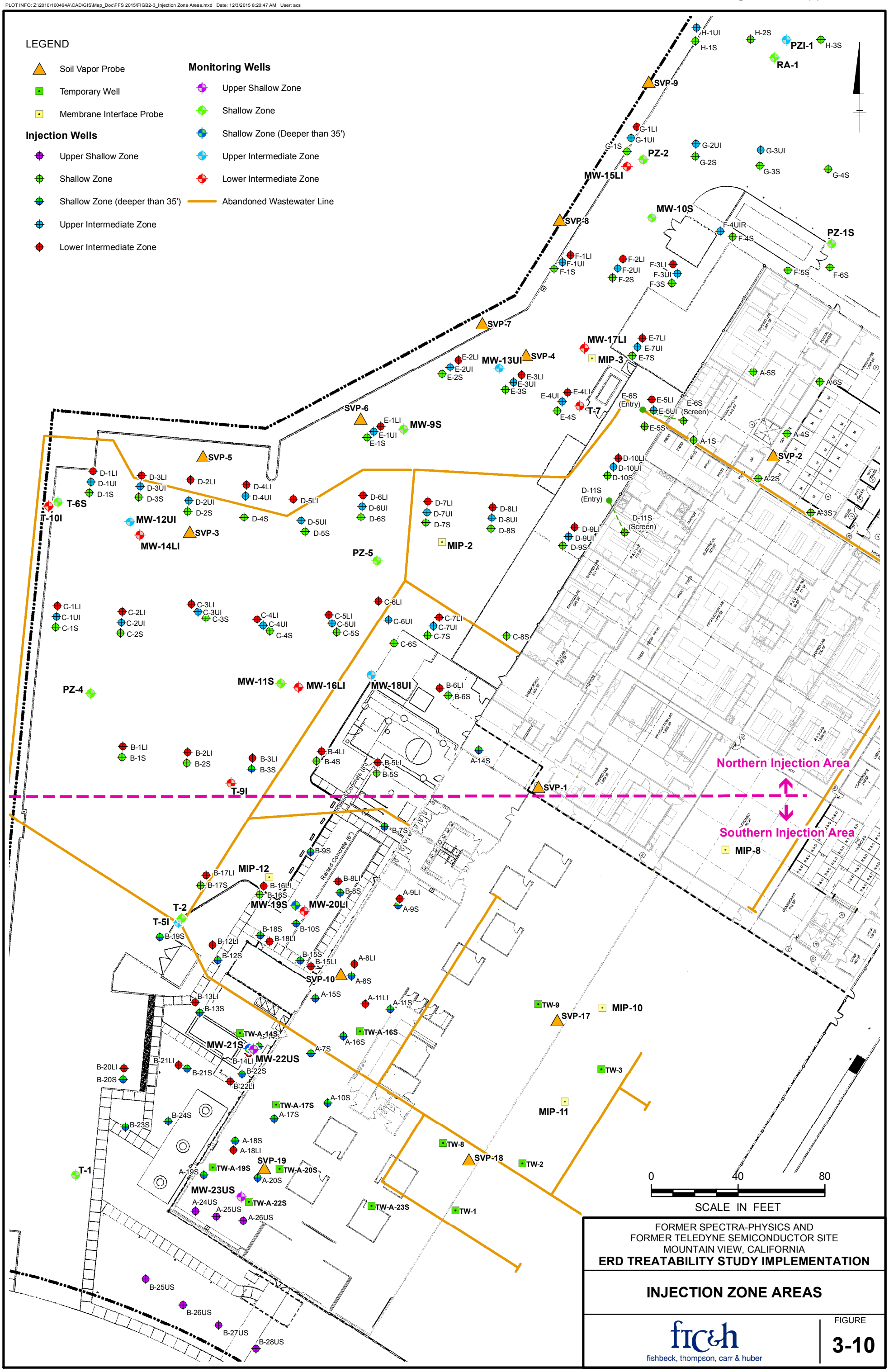
ERD TREATABILITY STUDY IMPLEMENTATION

TREATABILITY STUDY LOCATION MAP

fic&h
fishbeck, thompson, carr & huber

FIGURE
3-9

PLOT INFO: Z:\2010\100464A\CAD\GIS\Map_Doc\FFS 2015\FIGB2-3_Injection Zone Areas.mxd Date: 12/3/2015 8:20:47 AM User: acs



FORMER SPECTRA-PHYSICS AND
FORMER TELEDYNE SEMICONDUCTOR SITE
MOUNTAIN VIEW, CALIFORNIA

ERD TREATABILITY STUDY IMPLEMENTATION

INJECTION ZONE AREAS

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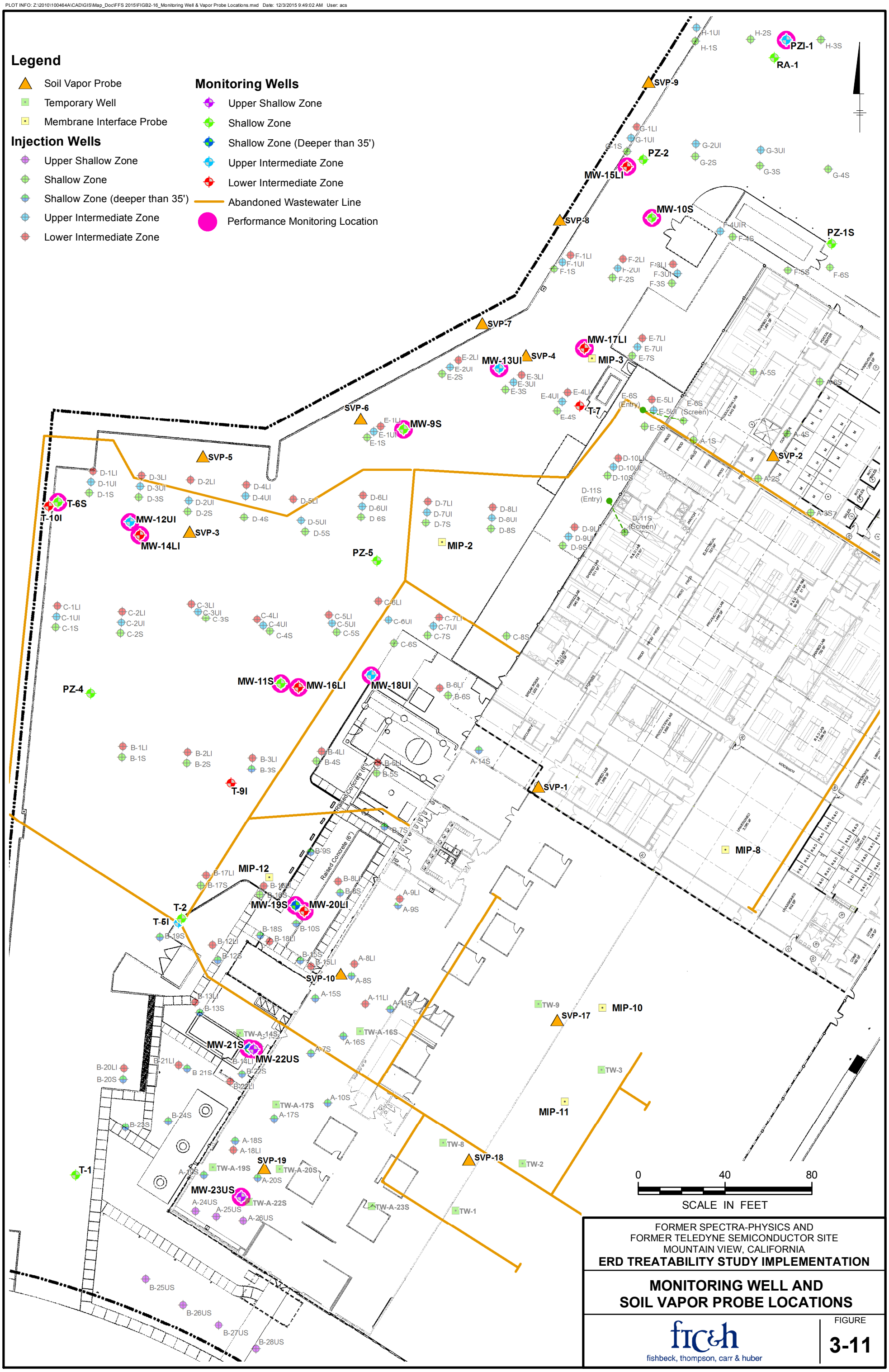
FIGURE
3-10

PLOT INFO: Z:\2010\100464A\CAD\GIS\Map_Doc\FFS 2015\FIGB2-16_Monitoring Well & Vapor Probe Locations.mxd Date: 12/3/2015 9:49:02 AM User: acs



FORMER SPECTRA-PHYSICS AND
FORMER TELEDYNE SEMICONDUCTOR SITE
MOUNTAIN VIEW, CALIFORNIA

ERD TREATABILITY STUDY IMPLEMENTATION

MONITORING WELL AND SOIL VAPOR PROBE LOCATIONS

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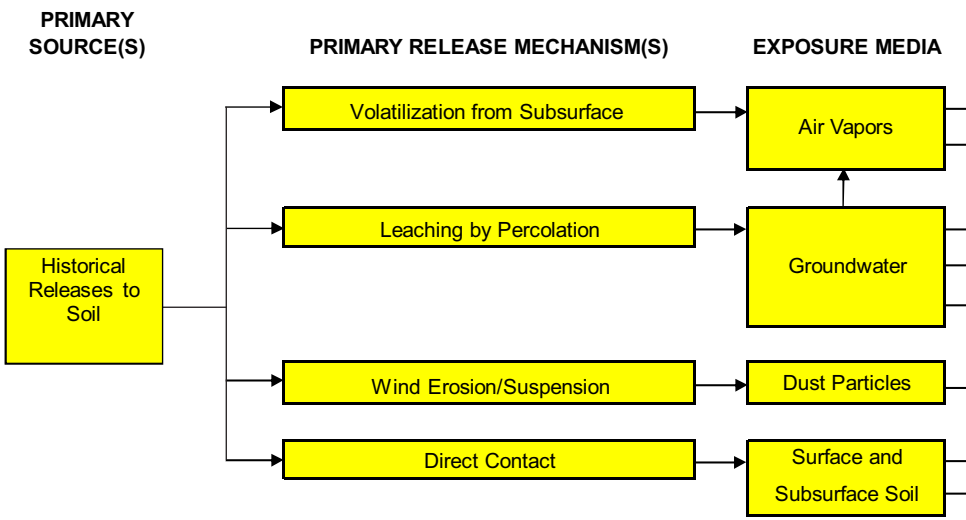
FIGURE
3-11



EXPOSURE ROUTE	Potential Human Receptors *		
	Current and Future On-site Commercial Workers	Current and Future Off-site Commercial Workers	Current and Future Off-site Residents
Inhalation (Indoor Air)	○	○	○
Inhalation (Outdoor Air)	○	○	○
Ingestion	--	--	--
Dermal Contact	--	--	--
Inhalation (from potable water)	--	--	--
Inhalation (Outdoor Air)	--	--	--
Ingestion	--	--	--
Dermal Contact	--	--	--

○ Exposure pathway is complete or potentially complete.

-- Incomplete exposure pathway per institutional controls.

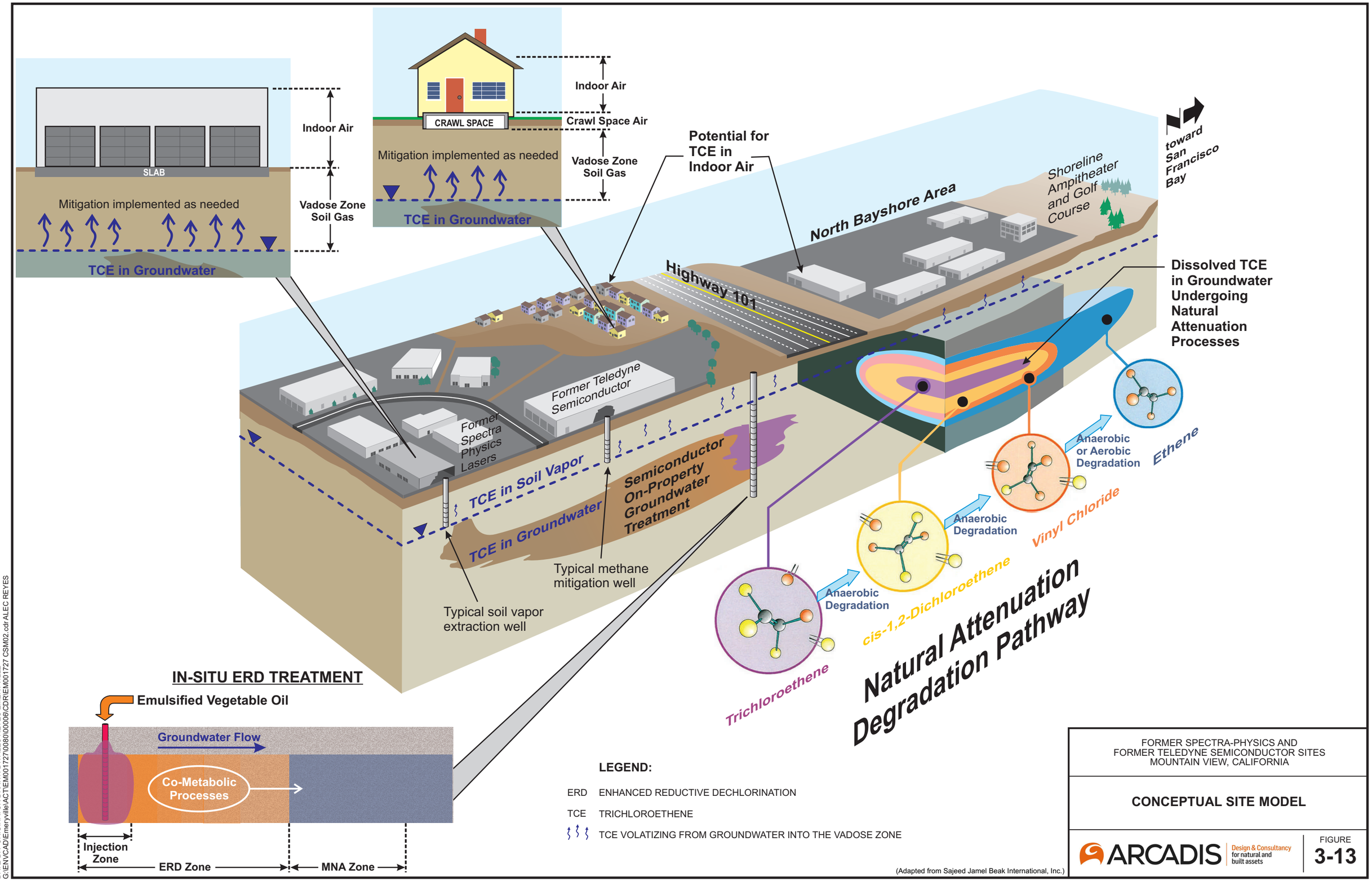
* Receptors quantitatively evaluated.

FORMER SPECTRA-PHYSICS LASERS AND
FORMER TELEDYNE SEMICONDUCTOR SITES
MOUNTAIN VIEW, CALIFORNIA

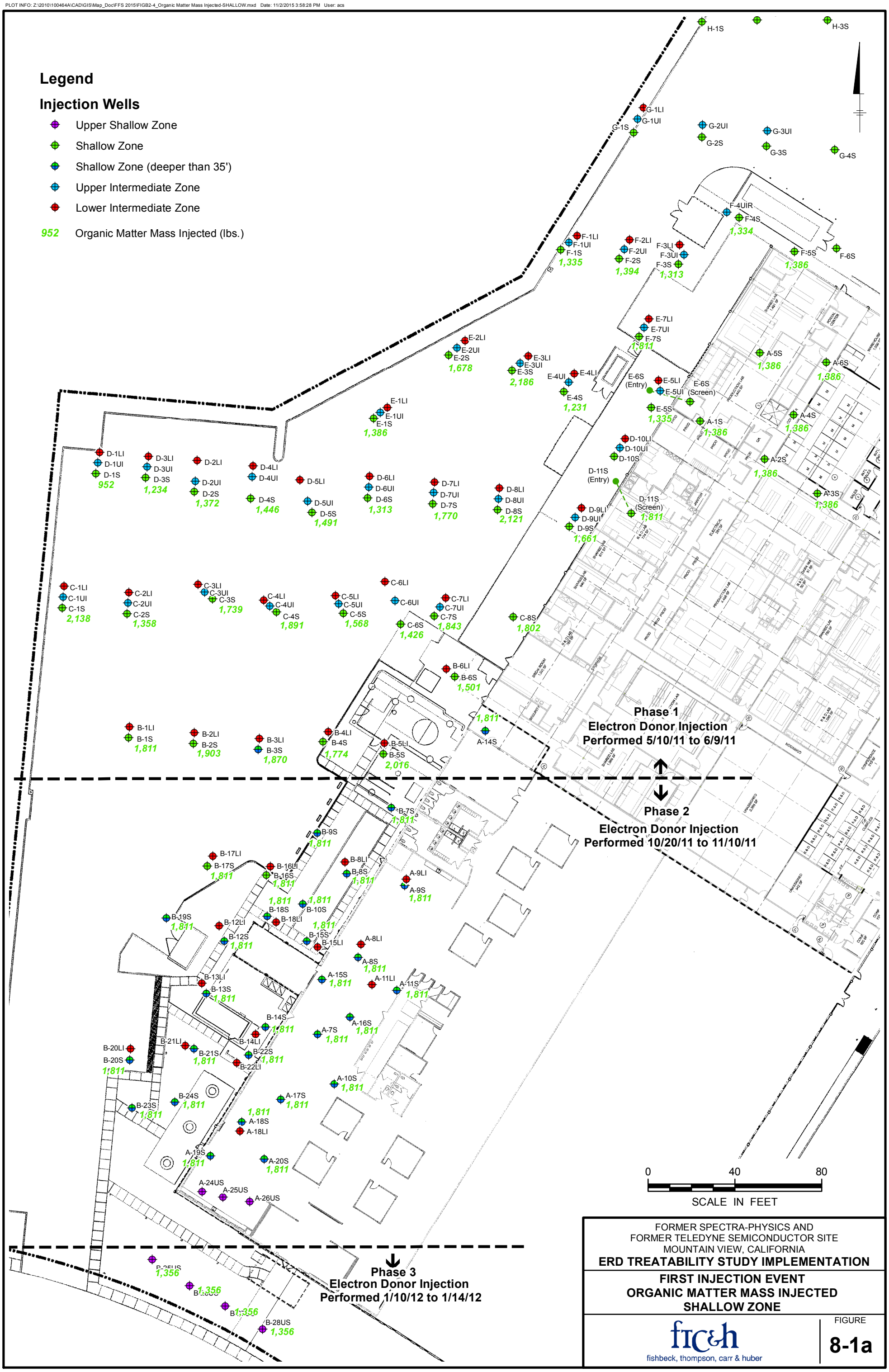
HUMAN HEALTH RISK ASSESSMENT EXPOSURE PATHWAY SUMMARY

ARCADIS Design & Consultancy for natural and built assets

FIGURE
3-12


SLAB
Indoor Air
Mitigation implemented as needed
Vadose Zone Soil Gas
TCE in Groundwater
CRAWL SPACE
Indoor Air
Crawl Space Air
Mitigation implemented as needed
Vadose Zone Soil Gas
TCE in Groundwater
Potential for TCE in Indoor Air
North Bayshore Area
Shoreline Amphitheater and Golf Course
toward San Francisco Bay
Highway 101
Dissolved TCE in Groundwater Undergoing Natural Attenuation Processes
Former Teledyne Semiconductor
Former Spectra Physics Lasers
TCE in Soil Vapor
TCE in Groundwater
Semiconductor On-Property Groundwater Treatment
Typical methane mitigation well
Typical soil vapor extraction well
Anaerobic or Aerobic Degradation
Ethene
Anaerobic Degradation
Vinyl Chloride
Anaerobic Degradation
cis-1,2-Dichloroethene
Trichloroethene
Natural Attenuation Degradation Pathway
IN-SITU ERD TREATMENT
Emulsified Vegetable Oil
Groundwater Flow
Co-Metabolic Processes
Injection Zone
ERD Zone
MNA Zone
LEGEND:
ERD ENHANCED REDUCTIVE DECHLORINATION
TCE TRICHLOROETHENE
TCE VOLATIZING FROM GROUNDWATER INTO THE VADOSE ZONE
(Adapted from Sajeed Jamel Beak International, Inc.)
FORMER SPECTRA-PHYSICS AND FORMER TELEDYNE SEMICONDUCTOR SITES MOUNTAIN VIEW, CALIFORNIA
CONCEPTUAL SITE MODEL
ARCADIS Design & Consultancy for natural and built assets
FIGURE 3-13
DATE-DIV-ORIGINATOR DRAWN BY: ALEC REYES EMERYVILLE
G:\ENVCAD\Emeryville\ACT\EM001727\00800\0006\CDR\EM001727 CSM02.cdr ALEC REYES

PLOT INFO: Z:\2010\100464A\CAD\GIS\Map_Doc\FFS 2015\FIGB2-4_Organic Matter Mass Injected-SHALLOW.mxd Date: 11/2/2015 3:58:28 PM User: acs



FORMER SPECTRA-PHYSICS AND
FORMER TELEDYNE SEMICONDUCTOR SITE
MOUNTAIN VIEW, CALIFORNIA

ERD TREATABILITY STUDY IMPLEMENTATION

FIRST INJECTION EVENT
ORGANIC MATTER MASS INJECTED
SHALLOW ZONE

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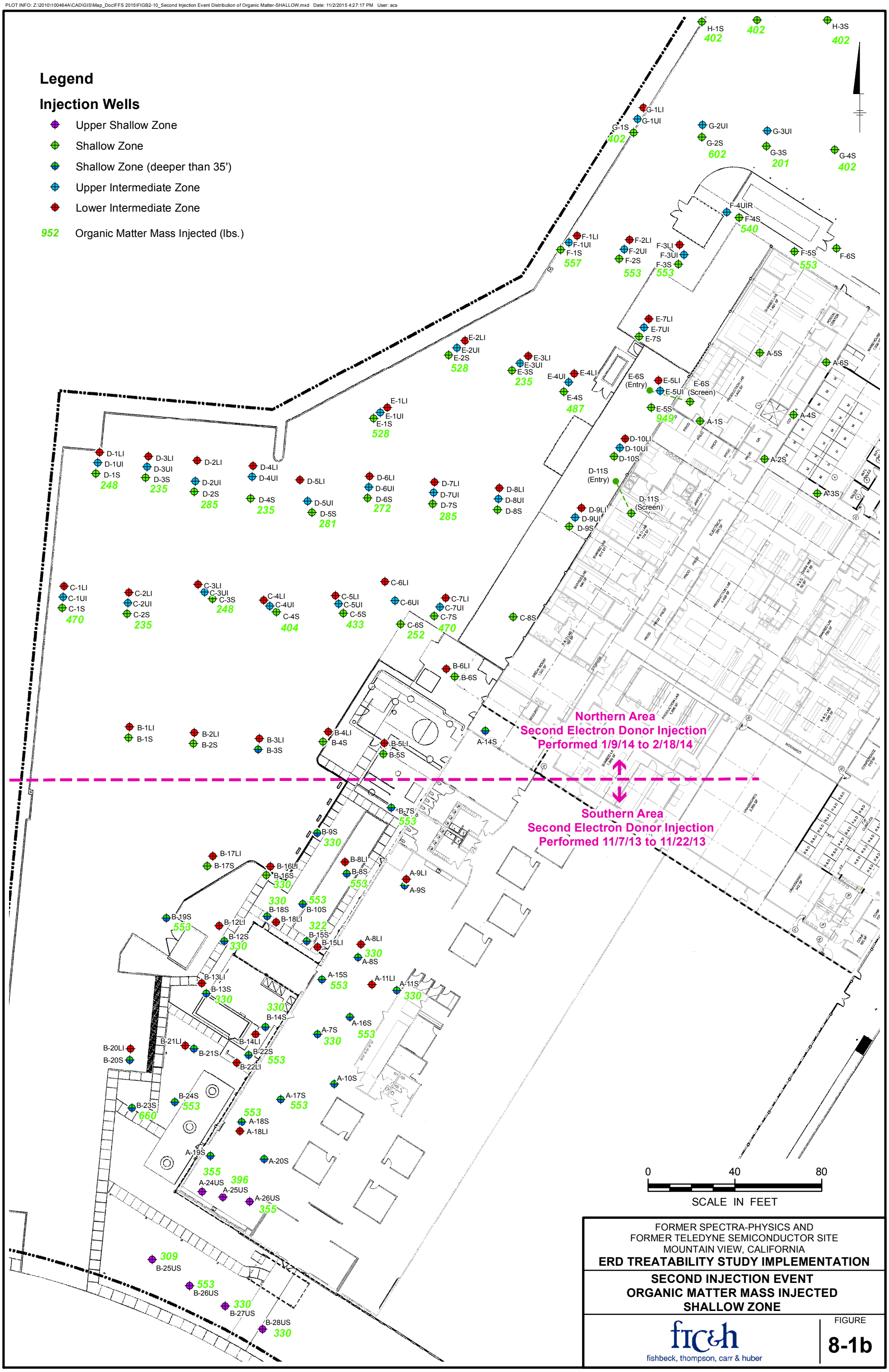
FIGURE
8-1a

PLOT INFO: Z:\2010\100464A\CAD\GIS\Map_Doc\FFS 2015\FIGB2-10_Second Injection Event Distribution of Organic Matter-SHALLOW.mxd Date: 11/2/2015 4:27:17 PM User: acs



FORMER SPECTRA-PHYSICS AND
FORMER TELEDYNE SEMICONDUCTOR SITE
MOUNTAIN VIEW, CALIFORNIA

ERD TREATABILITY STUDY IMPLEMENTATION

SECOND INJECTION EVENT
ORGANIC MATTER MASS INJECTED
SHALLOW ZONE

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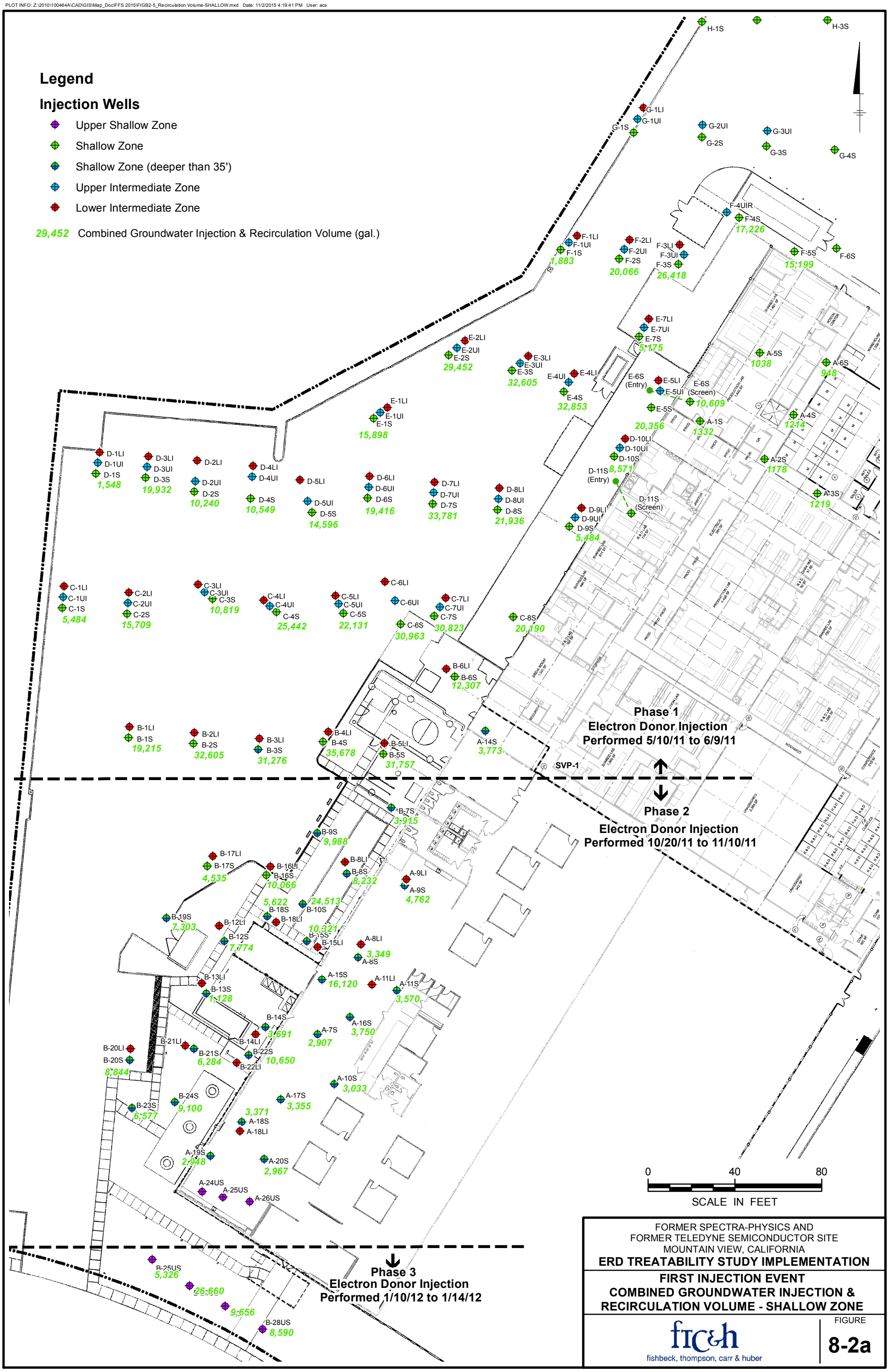
fishbeck, thompson, carr & huber

FIGURE
8-1b

PLOT INFO: Z:\2010\100464A\CAD\GIS\Map_Doc\FFS 2015\FIGB2-5_Recirculation Volume-SHALLOW.mxd Date: 11/2/2015 4:19:41 PM User: acs



FORMER SPECTRA-PHYSICS AND
FORMER TELEDYNE SEMICONDUCTOR SITE
MOUNTAIN VIEW, CALIFORNIA

ERD TREATABILITY STUDY IMPLEMENTATION

FIRST INJECTION EVENT
COMBINED GROUNDWATER INJECTION &
RECIRCULATION VOLUME - SHALLOW ZONE

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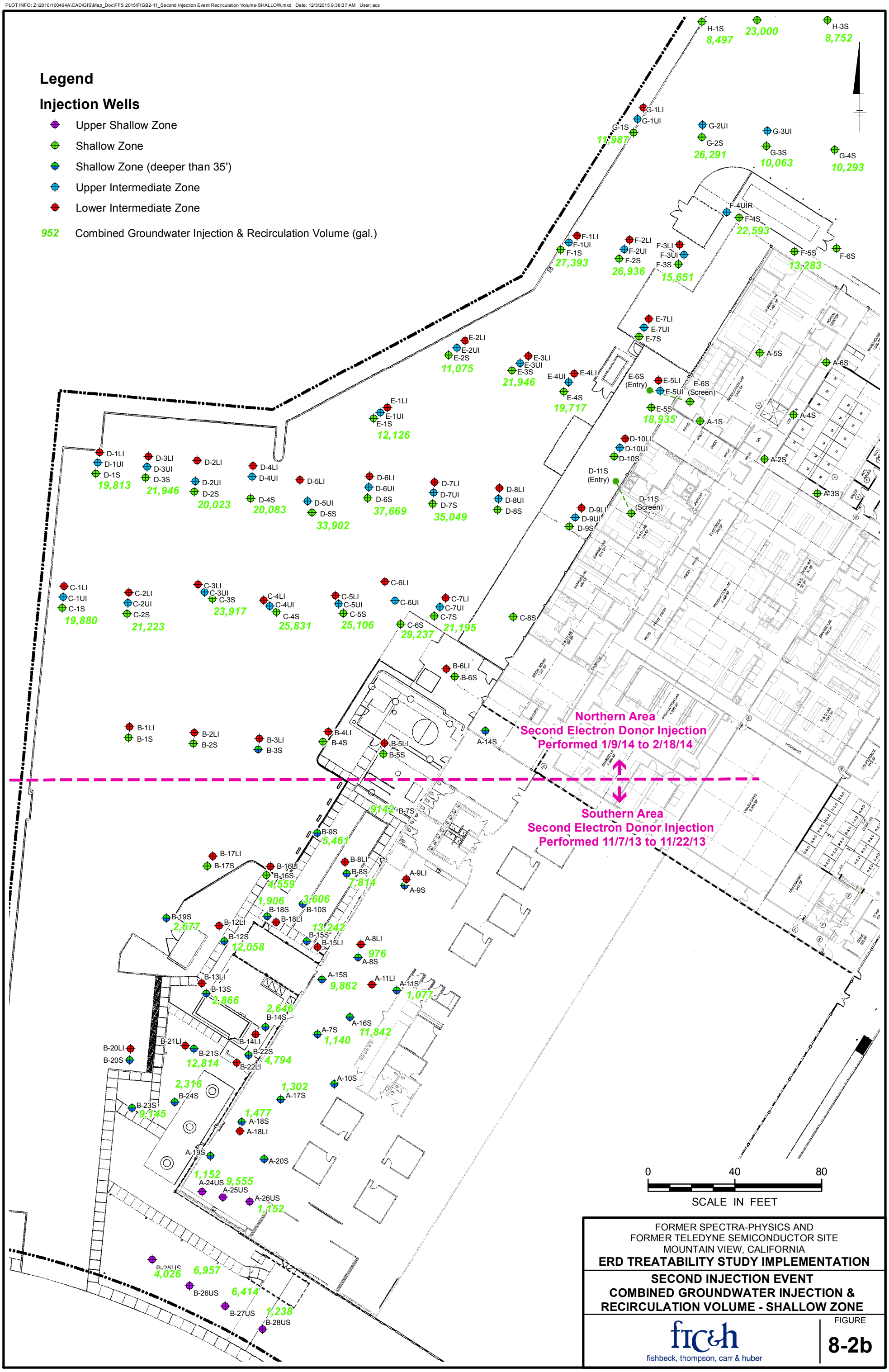
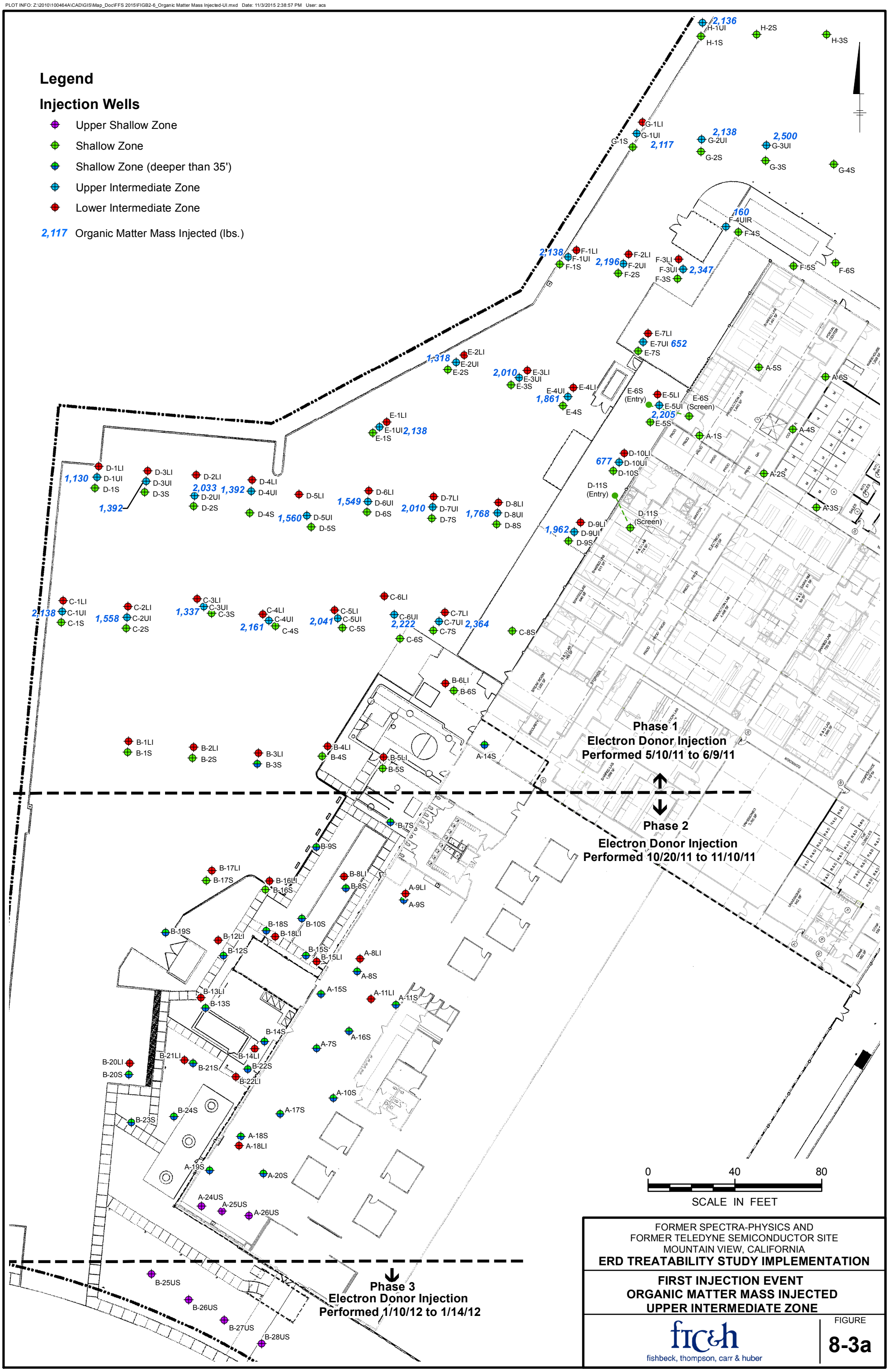
FIGURE
8-2a

PLOT INFO: Z:\2010\100464A\CAD\GIS\Map_Doc\FFS 2015\FIGB2-11_Second Injection Event Recirculation Volume-SHALLOW.mxd Date: 12/3/2015 9:36:37 AM User: acs



PLOT INFO: Z:\2010\100464A\CAD\GIS\Map_Doc\FFS 2015\FIGB2-6_Organic Matter Mass Injected-UI.mxd Date: 11/3/2015 2:38:57 PM User: acs



FORMER SPECTRA-PHYSICS AND
FORMER TELEDYNE SEMICONDUCTOR SITE
MOUNTAIN VIEW, CALIFORNIA

ERD TREATABILITY STUDY IMPLEMENTATION

FIRST INJECTION EVENT
ORGANIC MATTER MASS INJECTED
UPPER INTERMEDIATE ZONE

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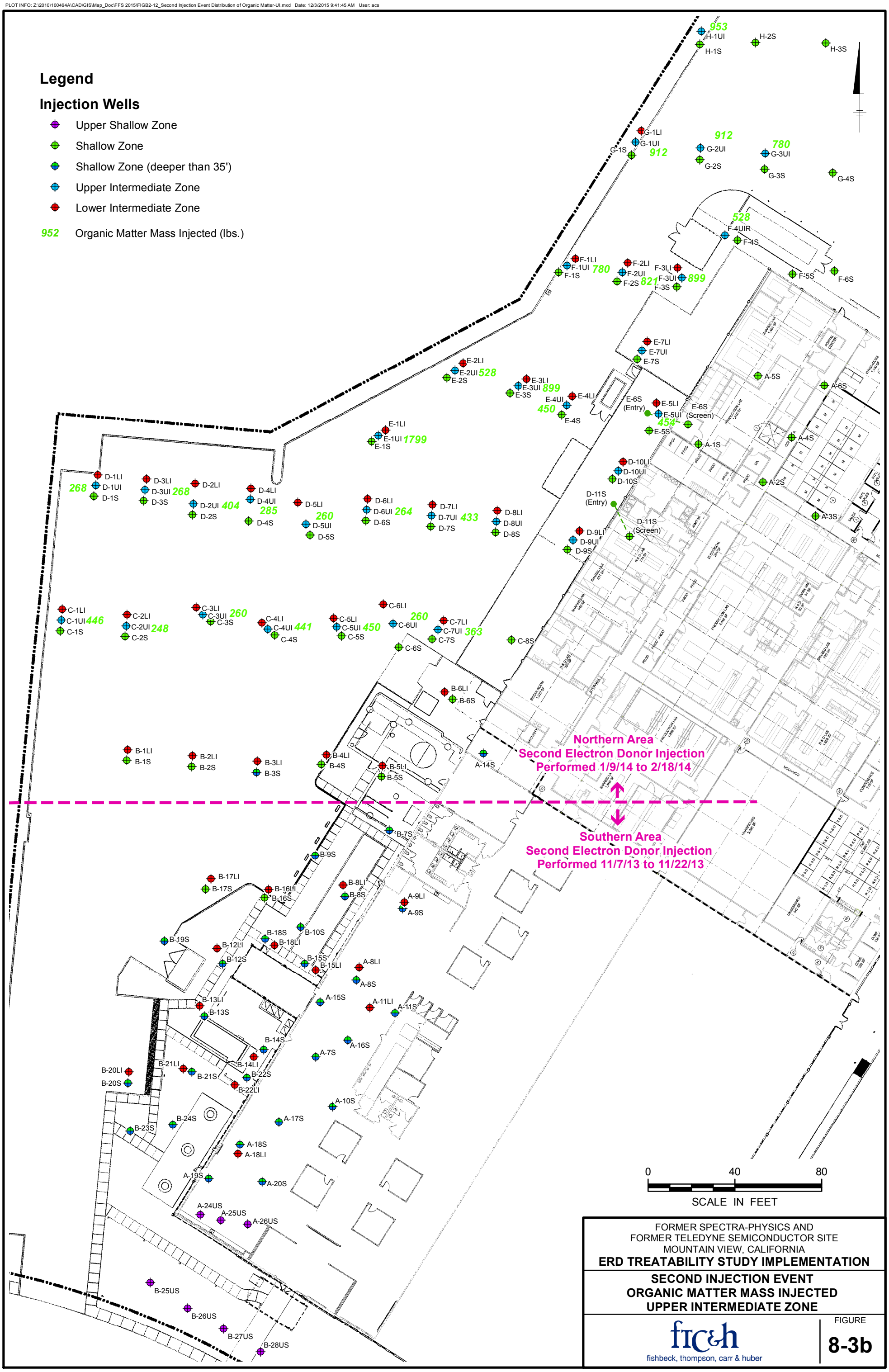
FIGURE
8-3a

PLOT INFO: Z:\2010\100464A\CAD\GIS\Map_Doc\FFS 2015\FIGB2-12_Second Injection Event Distribution of Organic Matter-UI.mxd Date: 12/3/2015 9:41:45 AM User: acs



FORMER SPECTRA-PHYSICS AND
FORMER TELEDYNE SEMICONDUCTOR SITE
MOUNTAIN VIEW, CALIFORNIA

ERD TREATABILITY STUDY IMPLEMENTATION

SECOND INJECTION EVENT
ORGANIC MATTER MASS INJECTED
UPPER INTERMEDIATE ZONE

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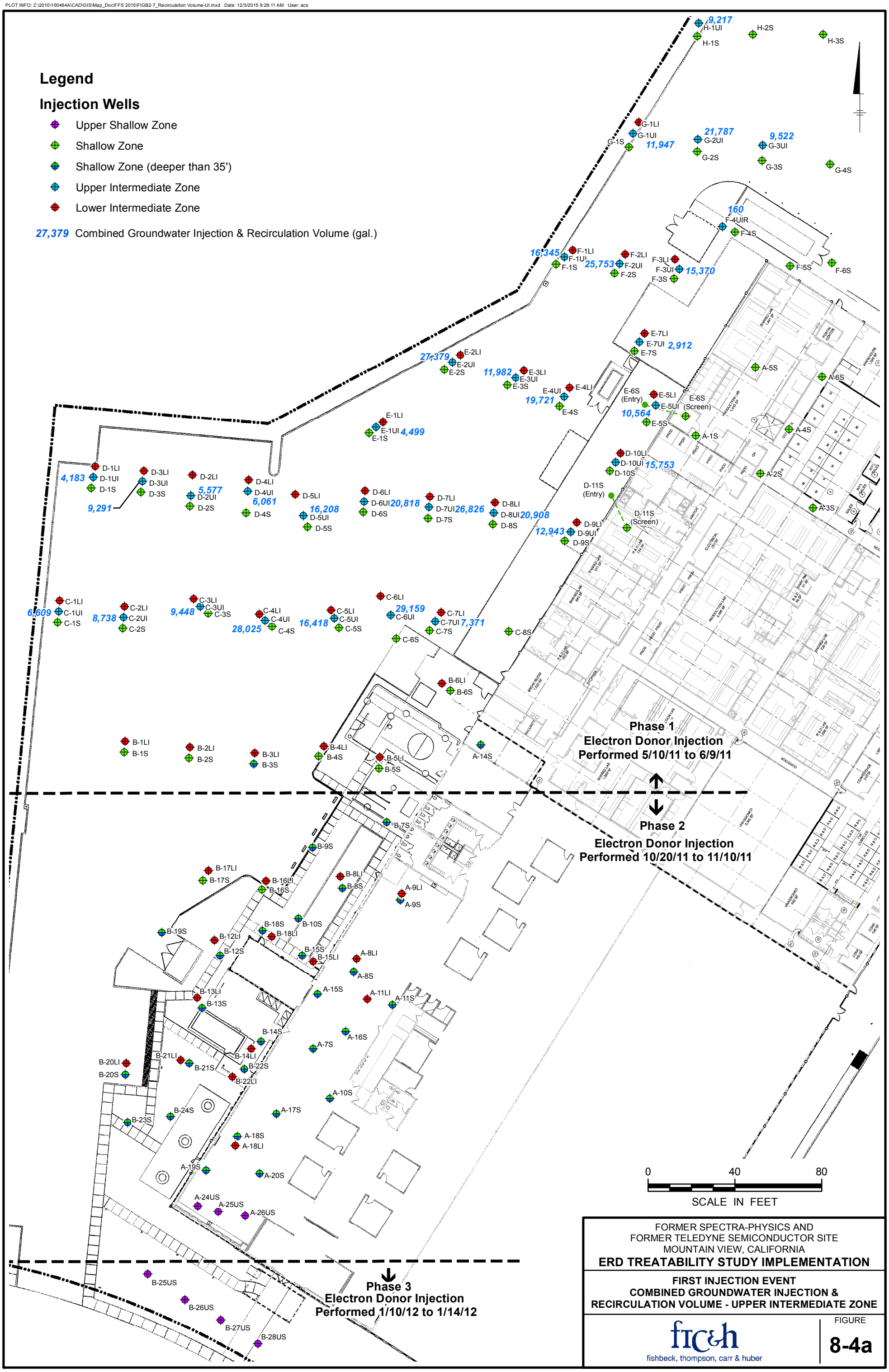
FIGURE
8-3b

PLOT INFO: Z:\2010\100464A\CAD\GIS\Map_Doc\FFS 2015\FIGB2-7_Recirculation Volume-UI.mxd Date: 12/3/2015 9:28:11 AM User: acs



FORMER SPECTRA-PHYSICS AND
FORMER TELEDYNE SEMICONDUCTOR SITE
MOUNTAIN VIEW, CALIFORNIA

ERD TREATABILITY STUDY IMPLEMENTATION

FIRST INJECTION EVENT
COMBINED GROUNDWATER INJECTION &
RECIRCULATION VOLUME - UPPER INTERMEDIATE ZONE

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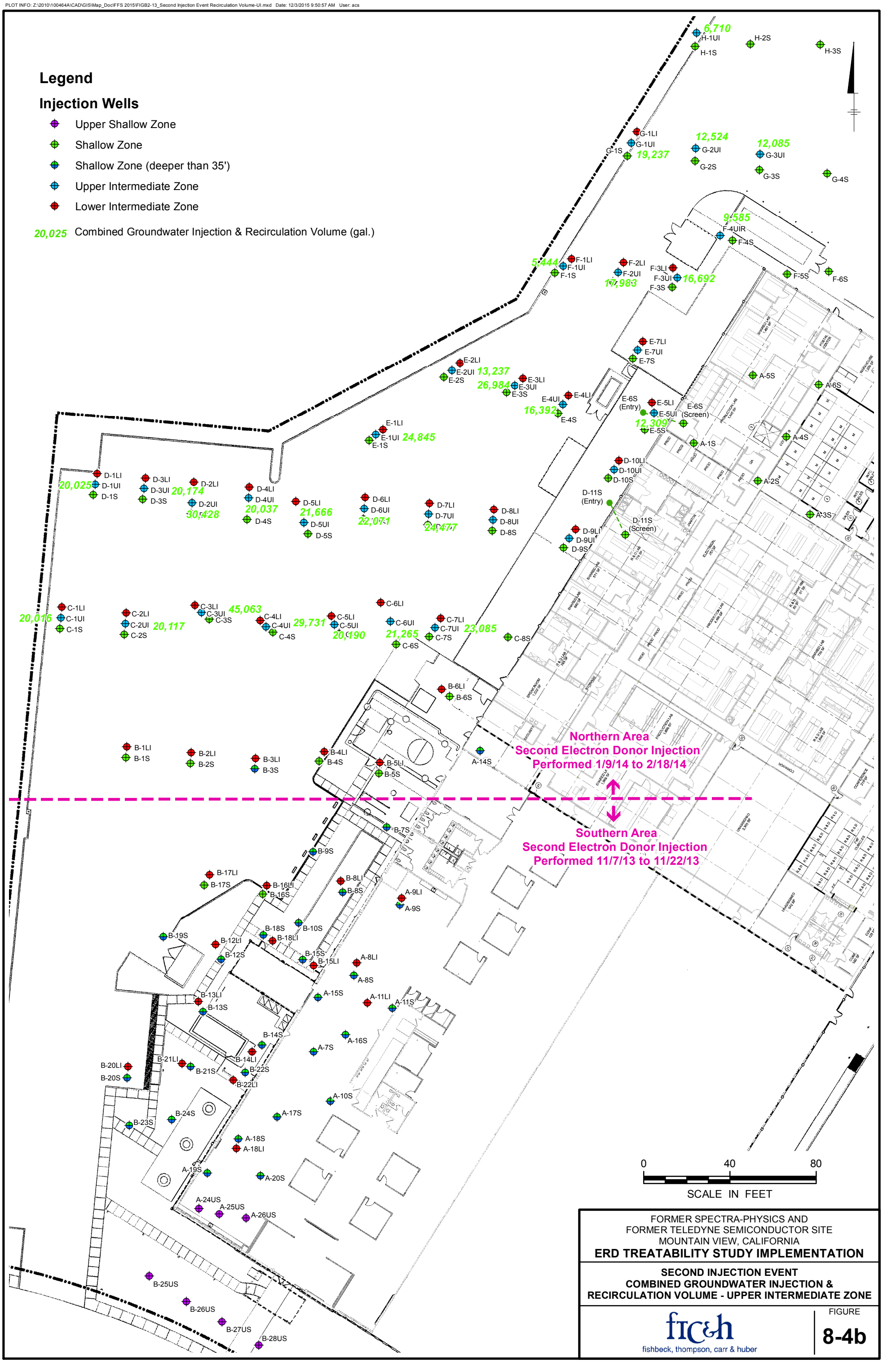
FIGURE
8-4a

PLOT INFO: Z:\2010\100464A\CAD\GIS\Map_Doc\FFS 2015\FIGB2-13_Second Injection Event Recirculation Volume-UI.mxd Date: 12/3/2015 9:50:57 AM User: acs



FORMER SPECTRA-PHYSICS AND
FORMER TELEDYNE SEMICONDUCTOR SITE
MOUNTAIN VIEW, CALIFORNIA

ERD TREATABILITY STUDY IMPLEMENTATION

SECOND INJECTION EVENT
COMBINED GROUNDWATER INJECTION &
RECIRCULATION VOLUME - UPPER INTERMEDIATE ZONE

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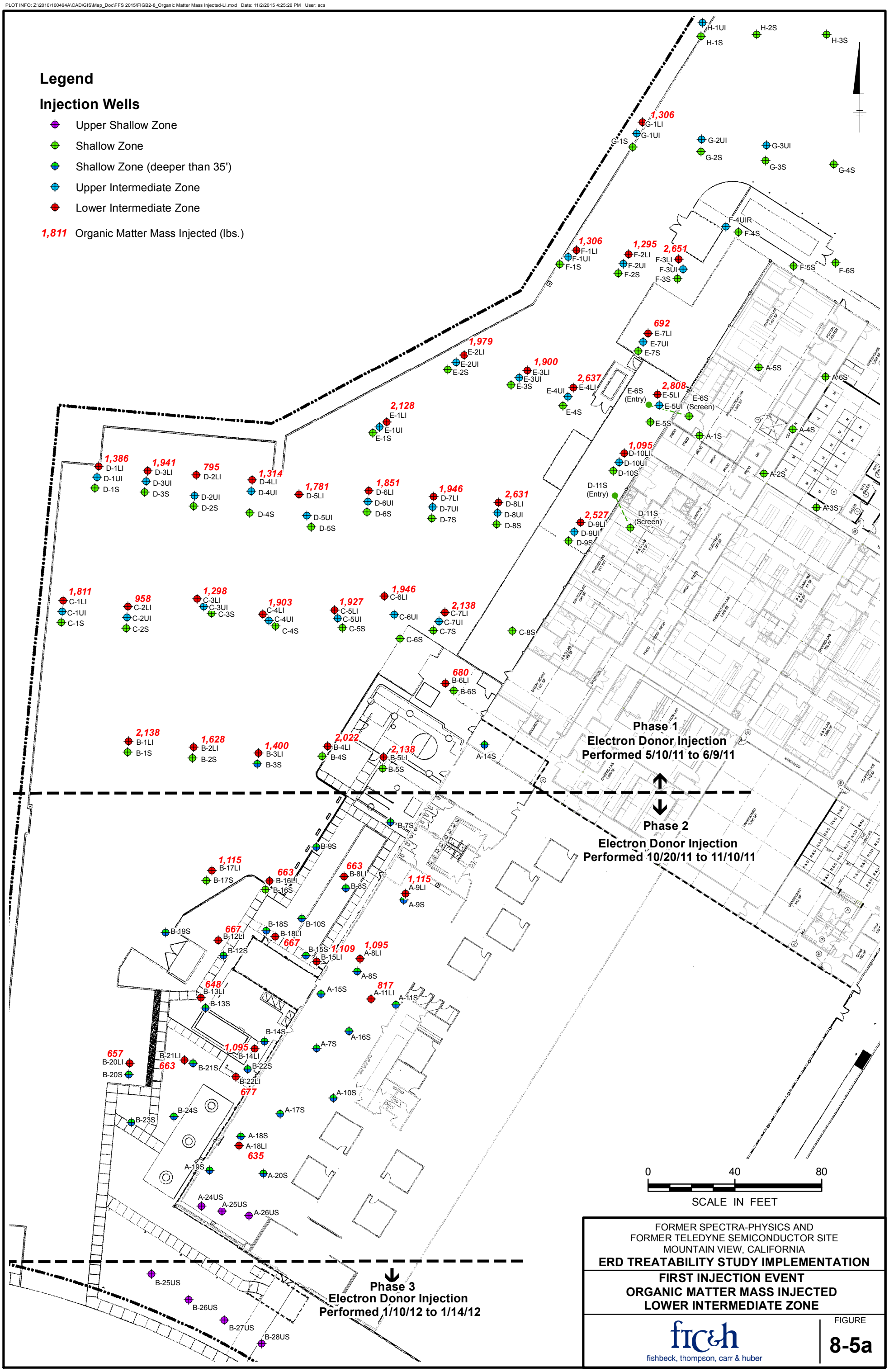
FIGURE
8-4b

PLOT INFO: Z:\2010\100464A\CAD\GIS\Map_Doc\FFS 2015\FIGB2-8_Organic Matter Mass Injected-LI.mxd Date: 11/2/2015 4:25:26 PM User: acs



FORMER SPECTRA-PHYSICS AND
FORMER TELEDYNE SEMICONDUCTOR SITE
MOUNTAIN VIEW, CALIFORNIA

ERD TREATABILITY STUDY IMPLEMENTATION

FIRST INJECTION EVENT
ORGANIC MATTER MASS INJECTED
LOWER INTERMEDIATE ZONE

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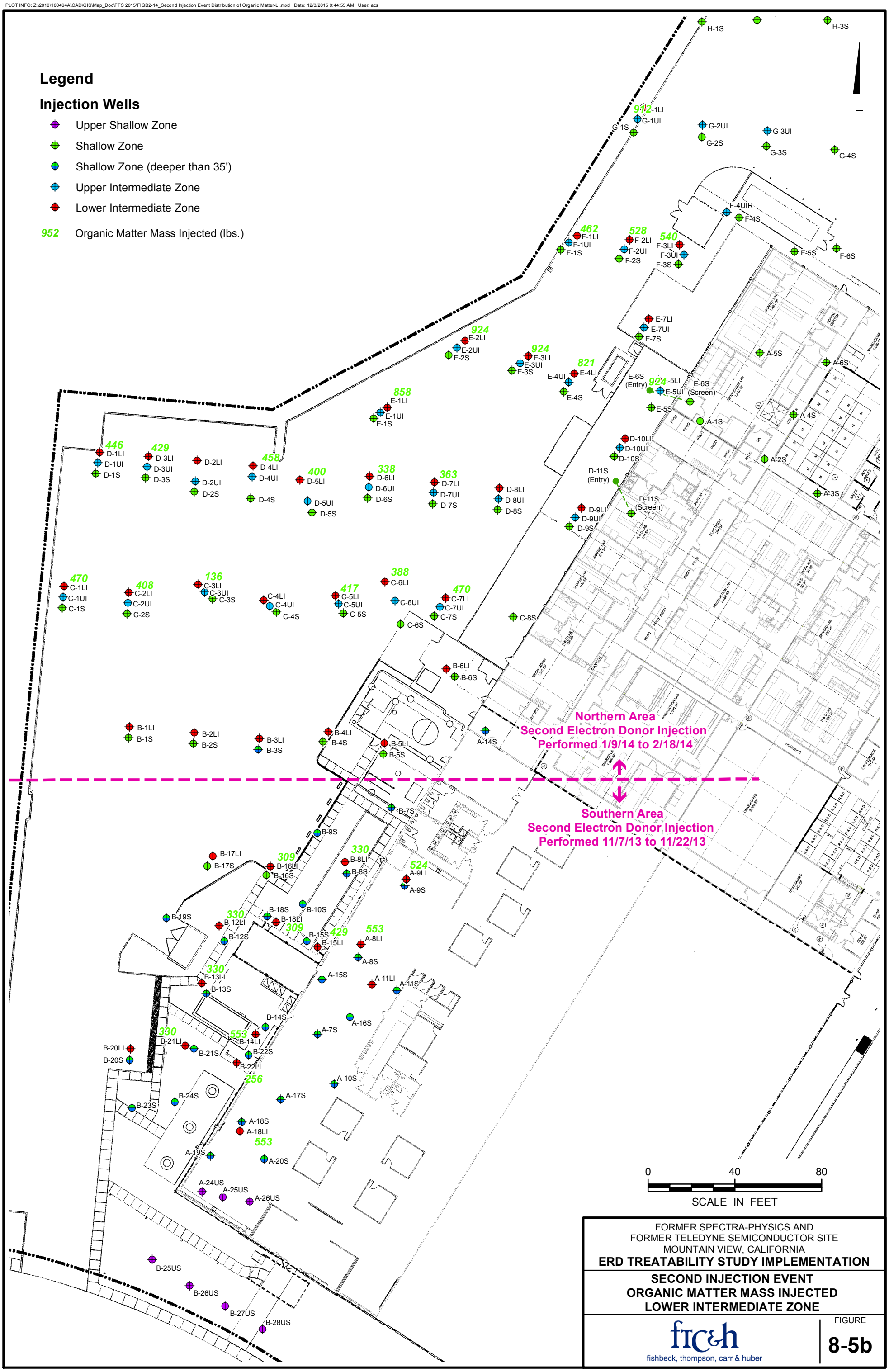
FIGURE
8-5a

PLOT INFO: Z:\2010\100464A\CAD\GIS\Map_Doc\FFS 2015\FIGB2-14_Second Injection Event Distribution of Organic Matter-LI.mxd Date: 12/3/2015 9:44:55 AM User: acs



FORMER SPECTRA-PHYSICS AND
FORMER TELEDYNE SEMICONDUCTOR SITE
MOUNTAIN VIEW, CALIFORNIA

ERD TREATABILITY STUDY IMPLEMENTATION

SECOND INJECTION EVENT
ORGANIC MATTER MASS INJECTED
LOWER INTERMEDIATE ZONE

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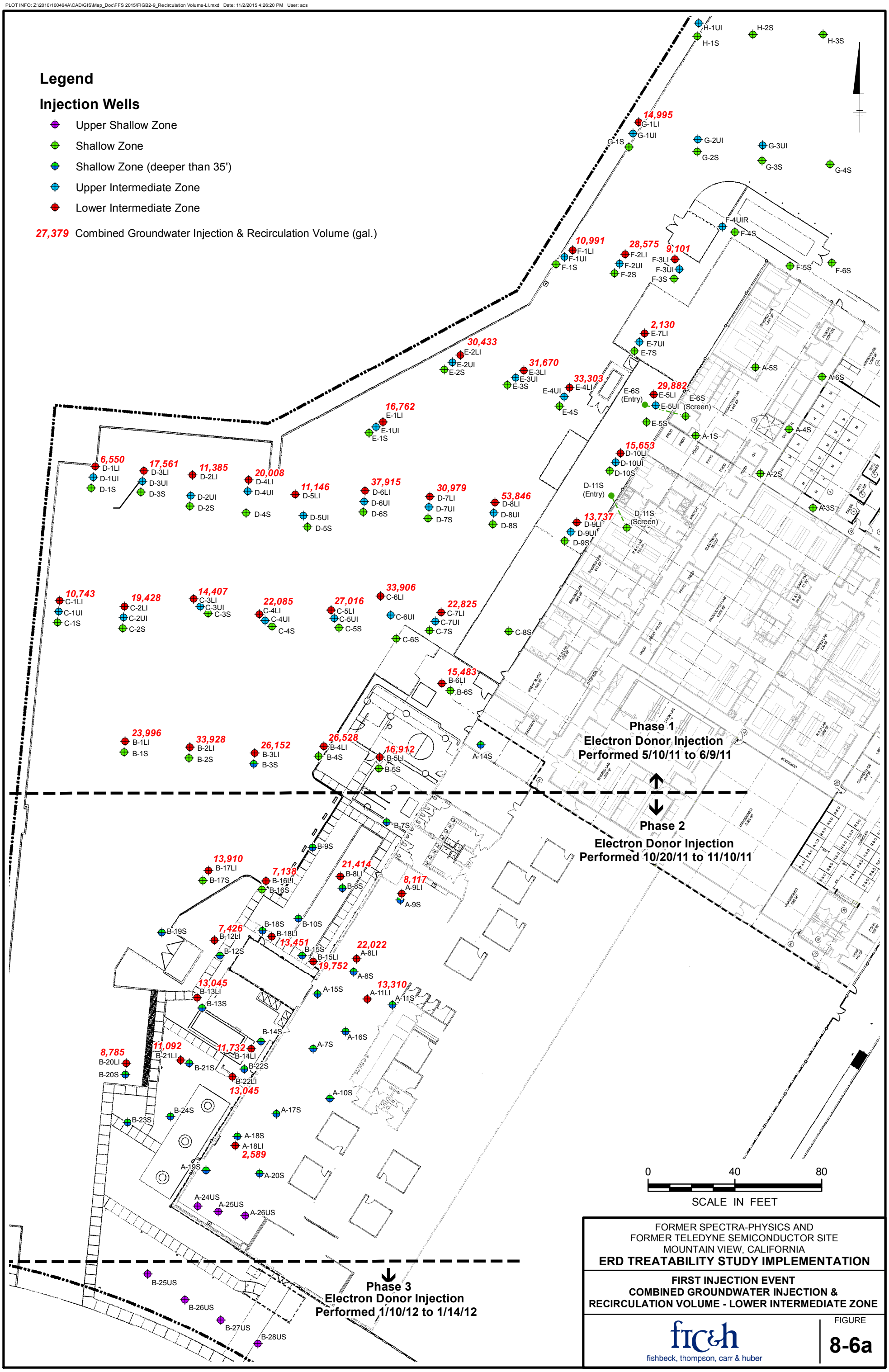
FIGURE
8-5b

PLOT INFO: Z:\2010\100464A\CAD\GIS\Map_Doc\FFS 2015\FIGB2-9_Recirculation Volume-LI.mxd Date: 11/2/2015 4:26:20 PM User: acs



FORMER SPECTRA-PHYSICS AND
FORMER TELEDYNE SEMICONDUCTOR SITE
MOUNTAIN VIEW, CALIFORNIA

ERD TREATABILITY STUDY IMPLEMENTATION

FIRST INJECTION EVENT
COMBINED GROUNDWATER INJECTION &
RECIRCULATION VOLUME - LOWER INTERMEDIATE ZONE

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FIGURE
8-6a

PLOT INFO: Z:\2010\100464A\CAD\GIS\Map_Doc\FFS 2015\FIGB2-15_Second Injection Event Recirculation Volume-LI.mxd Date: 12/3/2015 9:52:27 AM User: acs

FORMER SPECTRA-PHYSICS AND
FORMER TELEDYNE SEMICONDUCTOR SITE
MOUNTAIN VIEW, CALIFORNIA

ERD TREATABILITY STUDY IMPLEMENTATION

SECOND INJECTION EVENT
COMBINED GROUNDWATER INJECTION &
RECIRCULATION VOLUME - LOWER INTERMEDIATE ZONE

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FIGURE
8-6b