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TDY Industries, LLC
Thermo Fisher Scientific, Inc.

Groundwater Monitoring Report for the Semiannual Reporting Period July 1 through December 31, 2013

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

February 28, 2014

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ENVIRONMENT

Mr. Bruce Wolfe
California Regional Water Quality Control Board
1515 Clay Street, Suite 1400
Oakland, California 94612

Attention: Mr. Roger Papler

Subject:
Groundwater Monitoring Report for the Semiannual Reporting Period July 1 through December 31, 2013, Former Spectra-Physics Lasers, Inc., and Former Teledyne Semiconductor Facilities, Mountain View, California

Date:
February 28, 2014

Contact:
Andrew Leavitt

Phone:
650.823.9027

Email:
andrew.leavitt
@arcadis-us.com

Our ref:
EM001727.0069

Dear Mr. Wolfe and Mr. Papler:

The enclosed report is submitted on behalf of the former Spectra-Physics Lasers, Inc., and former Teledyne Semiconductor sites for the semiannual reporting period from July 1 through December 31, 2013. This report was prepared by ARCADIS U.S., Inc. (ARCADIS), in accordance with the revised Self-Monitoring Plan submitted to the Regional Water Quality Control Board (RWQCB) on February 23, 2007, and is submitted pursuant to Site Cleanup Requirements Order Number 91-025.

An electronic copy of the report will be uploaded to the RWQCB Geotracker website in PDF format to comply with the electronic reporting requirement.

If you have any questions or comments, please contact me at 650.823.9027 or Erica Kalve at 510.596.9620.

Sincerely,

ARCADIS U.S., Inc.

Andrew Leavitt

Andrew Leavitt
Geologist

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February 28, 2014

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Mr. Bruce Wolfe
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Attention: Mr. Roger Papler

RE: **Groundwater Monitoring Report for the Semiannual Reporting Period July 1 through December 31, 2013, Former Spectra Physics Lasers, Inc., and Former Teledyne Semiconductor Facilities, Mountain View, California**

Dear Mr. Wolfe and Mr. Papler:

Enclosed is one copy of the subject report. This report has been prepared by ARCADIS U.S., Inc. (ARCADIS) on behalf of Thermo Fisher Scientific Inc. (Thermo Fisher; with regard to the former Spectra-Physics Lasers, Inc., facility) and TDY Industries, LLC (TDY – FKA TDY Industries, Inc.; with regard to the former Teledyne Semiconductor facility), and is submitted pursuant to the requirements of Site Cleanup Requirements (SCR) Order Number 91-025. This report presents results of groundwater monitoring activities conducted from July 1 through December 31, 2013 at the Superfund sites in Mountain View, Santa Clara County, California ("the Study Area").

Compliance Summary

Groundwater monitoring activities conducted during the July 1 through December 31, 2013 reporting period were in compliance with SCR Order Number 91-025 and the revised Self-Monitoring Plan (SMP), which was submitted on February 23, 2007 as part of the Interim Report for Monitored Natural Attenuation (MNA) Study at the North Bayshore and Spring Street Extraction Systems, Mountain View, California, and approved in the March 21, 2007 e-mail from the Regional Water Quality Control Board (RWQCB). The revised SMP was developed based on the results of the approximately 3-year MNA study, and was designed to supplant the SMP until the revised remedy for the Study Area is approved by the U.S. Environmental Protection Agency (EPA) and RWQCB.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who managed the system, or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,

Edgard Bertaut

Edgard Bertaut
Senior Environmental Manager

Enclosure

February 28, 2014

Mr. Bruce Wolfe
California Regional Water Quality Control Board 1515 Clay Street, Suite 1400
Oakland, California 94612

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I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,

Mark L. Rollins, CIH, CSP
Thermo Fisher Scientific - E H & S Director

Enclosure

ARCADIS

Erica Kalve, P.G. (8425)
Senior Geologist

Andrew Leavitt
Geologist

Groundwater Monitoring Report for the Semiannual Reporting Period July 1 through December 31, 2013

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

Prepared for:
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and
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Our Ref.:
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Date:
February 28, 2014

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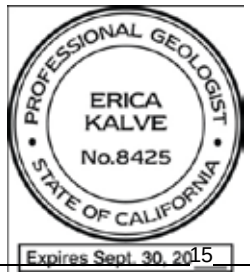
C Performance Monitoring Status Report

D Quality Assurance/Quality Control Review of Water-Quality Data

Certification

All hydrogeologic and geologic information, conclusions, and recommendations in this document have been prepared under the supervision of and reviewed by an ARCADIS U.S., Inc., California Professional Geologist.



February 28, 2014

Erica Kalve, P.G. (8425)
Senior Geologist

Date

1. Introduction

This report, prepared by ARCADIS U.S., Inc. (ARCADIS), presents results of groundwater monitoring for the off-site areas near the former Spectra-Physics Lasers, Inc. (Spectra-Physics) facility on behalf of Thermo Fischer Scientific, Inc., and the former Teledyne Semiconductor (Semiconductor) facility on behalf of TDY Industries, LLC, located respectively at 1250 West Middlefield Road and 1300 Terra Bella Avenue in Mountain View, California (the Study Area; Figure 1). This report covers the semiannual reporting period from July 1 through December 31, 2013 (the reporting period). Throughout this report, Thermo Fischer Scientific, Inc., and TDY Industries, LLC are referred to as “the Companies.”

This report also presents the results of the semiannual groundwater monitoring for the on-site Spectra-Physics area and for the on-site Semiconductor area. Monitoring results for on-site wells located at the Spectra-Physics area are discussed in Appendix A. Monitoring results for on-site wells located at the Semiconductor facility, including the extraction system, are presented in Appendix B.

A full-scale enhanced reductive dechlorination (ERD) study has been implemented for the former Semiconductor facility. The purpose and goal of the study are to demonstrate that ERD is successfully treating groundwater containing volatile organic compounds (VOCs) and to support a change in the remedy specified in the Record of Decision from groundwater pump-and-treat to ERD and monitored natural attenuation (MNA). Performance monitoring has been conducted since implementation of the treatability study in 2011 and is currently performed on a semiannual basis. The results indicate significant reductions in VOC compounds within the Study Area. Recent performance monitoring results are documented in a status report provided by Fishbeck, Thompson, Carr & Huber, Inc. (FTC&H) and included in Appendix C.

Groundwater monitoring activities conducted during the reporting period were in compliance with Site Cleanup Requirements (SCR) Order Number 91-025 and the revised Self-Monitoring Plan (SMP), which was submitted on February 23, 2007 as part of the “Interim Report, Monitored Natural Attenuation Study at the North Bayshore and Spring Street Extraction Systems, Teledyne Semiconductor/Spectra-Physics Lasers, Inc., Mountain View, California” (the 2007 Interim Report; LFR Inc. [LFR] 2007a), and approved on March 21, 2007 in an e-mail from the Regional Water Quality Control Board (RWQCB). The revised SMP was developed based on the results of the approximately 3-year MNA study, and was designed to supplant the SMP until the

revised remedy for the Study Area is approved by the U.S. Environmental Protection Agency (EPA) and RWQCB.

1.1 Natural Attenuation and Bioremediation Pilot Studies

The "Proposal for Monitored Natural Attenuation Study at the North Bayshore and Spring Street Extraction Systems" was submitted to the RWQCB by the Companies on September 12, 2003 (LFR Levine·Fricke [LFR] 2003). The MNA study called for the majority of the North Bayshore Extraction System (NBES) and Spring Street Extraction System (SSES) extraction wells to be shut down. On June 4, 2003, NBES extraction wells E-1, E-2, E-3, E-4, E-5, E-6, E-7, E-10, E-11, E-12, E-14, E-15, E-16, E-18, and E-19 were shut down. Extraction well E-9 had been previously shut down in September 1998. Extraction wells E-8 and E-13 continue to operate. SSES extraction wells ES1S, ES2S, ES3I, and ES5S were shut down on June 4, 2003.

Analytical results collected during the 2006 quarterly sampling events indicated an increasing trend of total VOCs in groundwater samples collected from an extraction well located on Spring Street (extraction well ES4I). This increasing trend, which began in March 2006, may have been the result of the activities associated with the enhanced bioremediation pilot study and the discontinuation of extraction of groundwater at well T-32I. The Companies reactivated the entire SSES in January 2007 to capture these higher concentrations and mitigate any downgradient migration of VOC-affected groundwater. Analytical results from the November 2013 sampling event continue to indicate the overall decreasing trend in VOC concentrations in the Spring Street Study Area since the reactivation of the SSES in January 2007.

The work plan for the proposed pilot study for enhanced bioremediation to augment the MNA study was submitted to the RWQCB on September 16, 2005 and was approved by the RWQCB on October 25, 2005. The pilot study evaluated remediation of chlorinated hydrocarbons in groundwater using an injected electron donor in the form of a carbon substrate. Groundwater in the pilot study area was analyzed for VOCs and MNA parameters. Initiation of the injection phase of the pilot study began on January 19, 2006. A technical report documenting the results of the pilot study was submitted on February 23, 2007 (LFR 2007b) and was updated in the 2009 and 2013 Focused Feasibility Study reports (FFS report; LFR 2009a; ARCADIS 2013). The results of the pilot study indicate that in situ ERD is effective at remediating the VOCs within groundwater and is a feasible remedial approach at the former Semiconductor area.

1.2 Full-Scale ERD Treatability Study

A full-scale ERD treatability study is being implemented for the former Semiconductor facility. The purpose and goal of the study are to demonstrate that ERD is successfully treating groundwater containing VOCs and to support a change in the remedy specified in the Record of Decision from groundwater pump-and-treat to ERD and MNA. Performance monitoring has been conducted on a quarterly and semiannual basis since implementation of the treatability study in 2011. The results indicate that significant reductions in VOC compounds have been achieved within the Study Area.

The ERD treatability study is being implemented by injecting into the groundwater a long-lasting carbon substrate that is estimated to last for approximately 2 years. As noted above, the treatability study commenced in 2011 (with the first injection event). The study area was evaluated in July and August 2013 to scope the second injection event. Based on the results of that evaluation, a second ERD injection event was implemented from November 2013 to February 2014 to further enhance ERD treatment in targeted areas.

2. Groundwater Elevations

On November 4 and 5, 2013, ARCADIS measured groundwater elevations for those wells specified in the SMP. In addition, water levels were measured for the following sites:

- City of Mountain View wells were measured on September 23, 2013.
- Peery Arrillaga wells were measured on January 7, 2014.
- Montwood wells were measured on January 7, 2014.

Groundwater elevation maps were prepared for the shallow, upper-intermediate, and lower-intermediate hydrogeologic zones (Figures 2, 3, and 4, respectively). Data from other site wells were not used in the used in the elevation map interpretation because the data were not contemporaneous. The groundwater elevation data collected from the Peery Arrillaga and Montwood wells were technically collected for the 2014 annual monitoring period but data are included with the 2013 annual reporting for the Study Area for VOC data evaluation purposes (see Section 4.1). Groundwater elevation data are summarized in Table 1.

2.1 Hydraulic Gradients

Pursuant to a request from the City of Mountain View, groundwater monitoring wells NB23S, NB22I, and NC9I were abandoned in February 1996, in conjunction with the development of a parcel of land. These wells were previously used to calculate hydraulic gradients in the vicinity of these wells (as specified in the SCR). In October 1996, three new wells (NB24I, NB25, and NB26I) were installed on the same parcel in locations similar to those of the previous wells. Data from the new wells have been used to calculate the horizontal hydraulic gradient data required by the SCR (Table 2).

The horizontal hydraulic gradients for the shallow-zone well pair (NC3S and NB25) and the intermediate-zone well pairs (NC4I and NB24I and SMW-15 and NB-26I) could not be calculated during this reporting period. Wells NC4I, NB-24I, and NC3S were inaccessible because they have been buried under landscaping. Additionally, SMW-15 was measured by the City of Mountain View in September 2013 and the data are not contemporaneous. A surveyor was hired in October 2007 to determine the location of the buried wells based on the previous surveyed coordinates. However, using existing wells as references, it was determined that the coordinates for the missing wells were not accurate and were likely off by 75 to 140 feet based on the area included in the search. Consequently, the wells could not be located.

3. Groundwater Sampling Activities

Water quality samples for those wells specified in the SMP were collected from November 5 through November 11 and on December 12, 2013 (Table 3). Additionally, nine groundwater monitoring wells (MS4S, MS6I, PS3I, PS4S, PS5I, PS6S, PZ-1S, T-2, and T-10I) were incorporated into the annual monitoring event in support of the ongoing ERD performance monitoring. A sample was also inadvertently collected from monitoring well VW-3. Required analyses for samples collected during the reporting period include VOCs using EPA Method 8260 for 8010 list compounds (8260/8010).

MNA samples from six selected off-site wells (NC-1S, NC-2I, E-2, E-9, E-11, and E-15) and four on-site wells (PZ-2S, S-12, S-16I, and T-11) were collected on November 7 and 8, 2013 (Table 3). Samples were submitted to the analytical laboratory for the following analyses:

- sulfate
- nitrate

- total iron
- dissolved gases (ethane, ethene, and methane)

Samples collected from the nine additional monitoring wells sampled in support of the ongoing ERD performance monitoring were also submitted to the analytical laboratory for dissolved gases.

Field analyses were also performed on the samples collected from the wells specified in the SMP. Field analyses included:

- pH
- conductivity
- temperature
- turbidity
- dissolved oxygen (DO)
- oxidation-reduction potential (ORP)
- sulfide
- nitrite
- ferrous iron

Samples were collected following methodologies described in the revised SMP presented in the 2007 Interim Report. The methods supplement LFR's sampling protocol presented in the "Quality Assurance Project Plan, Spectra-Physics Facility" (LFR Levine Fricke1987). The main change in protocol is the use of low-flow purging techniques. Samples were collected using an electric peristaltic pump fitted with new flex tubing and connected to dedicated polyethylene tubing that is placed in the wells. Field measurements were collected and recorded on field data sheets, which are stored electronically in the ARCADIS network office folder for Emeryville, California. Samples were stored in an ice-chilled cooler for transportation to Curtis & Tompkins,

Ltd. (C&T) of Berkeley, California, a state-certified analytical laboratory, and Microseeps, Inc., of Pittsburgh, Pennsylvania, under standard chain-of-custody protocol.

4. Groundwater Analytical Results

Using EPA Method 8260/8010, C&T analyzed groundwater samples collected by ARCADIS for VOCs. The VOCs most frequently detected during this semiannual monitoring event were trichloroethene (TCE) and cis-1,2-dichloroethene (cis-1,2-DCE). Field sampling data sheets, which provide water quality parameters (pH, specific conductance, DO, ORP, turbidity, and temperature), and laboratory data sheets are on file at the ARCADIS office in Emeryville, California. Appendix D includes a Quality Assurance/Quality Control (QA/QC) review of groundwater quality data.

4.1 VOC Distribution

Water quality analytical results for VOCs are presented in Tables 4 and 5. Analytical results for TCE are shown on Figures 5 and 6 for shallow-zone and upper-intermediate-zone groundwater, respectively. Analytical results for total VOCs are shown on Figures 7 and 8 for shallow-zone and upper-intermediate-zone groundwater, respectively. Former Semiconductor facility on-site VOC analytical results for samples collected in association with the ERD treatability study are provided in Appendix B.

VOCs are present in groundwater beneath the sites and in the Spring Street and North Bayshore Areas. There are multiple additional source areas located off-site in the North Bayshore Area 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 previously operated localized groundwater extraction systems to address on-site VOCs. Three other additional source areas were identified in the North Bayshore Area in the “Revised Proposed Nonbinding Preliminary Allocation of Responsibility,” dated May 8, 1991 (NBAR report; LFR Levine Fricke 1991). The NBAR report designated these sites as contributors of VOCs to groundwater based on a review of historical documents and laboratory data. These additional 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. As reported in the NBAR report, 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 at various times over the course of the site history. Additionally, the NBAR report noted that historical groundwater concentrations in the vicinity of the Space Park Way area 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 area, this site appears to be a continuing source of VOCs into both the shallow and upper-intermediate zones. In fact, the Companies continue to operate groundwater extraction well E-13, located at the corner of Space Park Way and Shoreline Road, solely to control higher concentrations of VOCs emanating from that area.

An interpretation of the comingled plumes in the North Bayshore Area included on Figures 5 through 8 is based on a compilation of annual groundwater monitoring results contained herein in conjunction with historical groundwater flow data and January 2014 results obtained for the active Peery Arrillaga and Montwood Sites located within the boundaries of the North Bayshore Area.

4.2 SSES VOC Trend Evaluation

Analytical results collected during the 2006 quarterly sampling events indicated an increasing trend of total VOCs in groundwater samples collected from an extraction well located on Spring Street (extraction well ES4I). The increasing trend, which began in March 2006, may have been the result of the activities associated with the enhanced bioremediation pilot study and the discontinuation of extraction of groundwater at well T-32I. The Companies reactivated the entire SSES in January 2007 to address these higher concentrations and mitigate any downgradient movement of VOC-affected groundwater.

The analytical results through the November 2013 sampling event indicated that the VOC concentrations in the vicinity of ES4I decreased after the reactivation of the SSES. Additional information for each well is provided below:

- TCE and total VOC concentrations were detected in samples collected from wells ES1S and ES2S during the November 2013 monitoring event. However, detected concentrations continued their declining trend and are lower compared to 2003 when the MNA pilot study commenced.

- TCE and total VOC concentrations were detected at a historical low in samples collected from well ES3I during November 2013. Note that this well has historically been sampled annually, but samples have been collected semiannually since 2012.

- TCE concentrations detected in samples collected from well ES4I have decreased significantly with each monitoring event beginning in November 2011. Additionally, there has been a significant overall decrease in TCE and total VOCs since November 2007. TCE concentrations have decreased from 0.88 milligram per liter (mg/L) in November 2007 to a historical low of 0.009 mg/L in November 2013. Similarly, total VOC concentrations have decreased from 0.930 mg/L in November 2007 to 0.2234 mg/L in November 2013.

- TCE and total VOC concentrations were detected in samples collected from well ES5S during the November 2013 monitoring event. However, the detected TCE concentration is lower compared to 2003 and shows a declining trend since the MNA pilot study commenced. Total VOC concentrations remain within historical ranges.

The results from these five wells show decreasing trends throughout the Spring Street Area. Recent changes in TCE and total VOC concentrations in the Spring Street Area are attributed to the success of the on-site ERD treatability study that was implemented at the former Semiconductor facility located immediately upgradient from the Spring Street Area. Figures 9 through 12 provide side by side comparisons of pre-ERD and post-ERD TCE and total VOCs distributed in groundwater for the on-site and Spring Street Area. As shown, since implementation of the full-scale ERD program, there have been substantial decreases in TCE and total VOC mass in groundwater. The full-scale ERD treatability study continues to demonstrate that ERD is a successful remedy for treating groundwater containing VOCs and the results further support the proposed change in remedy from groundwater pump-and-treat to ERD and MNA. Based on the prior and sustained significant mass reduction observed on-site and in the Spring Street Area, operation of the SSES system is not currently needed and will never again be necessary. Given this, a petition requesting shutdown of the SSES pumps will be submitted in the near future.

4.3 NBES VOC Trend Evaluation

In 2003, the Companies implemented an approved MNA pilot study (LFR Levine Fricke 2003) in the North Bayshore Area that documented VOC mass reductions and plume shrinkage under non-pumping conditions. As noted above, the majority of the NBES was shut down to support the MNA study, and currently operation of the NBES is limited to extraction at wells E-8 in the shallow zone and E-13 in the upper intermediate zone. The results of the MNA study were reported in February 2007 (LFR 2007a), the Five-Year Status Report (LFR 2009b), and the 2013 FFS report (ARCADIS 2013); 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.

Groundwater extraction well E-13 currently remains active solely for the purpose of controlling the elevated concentrations of VOCs in groundwater that emanate from the Space Park Way area. Regardless of the main source area contributing to groundwater concentrations in E-13, concentrations of TCE and total VOCs are decreasing, and will continue to decrease via MNA processes evident in the North Bayshore Area. Similarly, concentrations of TCE and total VOCs at well E-8 have continued to decrease since commencement of the MNA study. TCE and total VOC trends at the two operating wells are summarized briefly below:

- TCE and total VOC concentrations were detected in samples collected from well E-8 during the November 2013 monitoring event. TCE concentrations were detected at a historical low and total VOC concentrations were also relatively low but were within the historical range.

- TCE and total VOC concentrations were detected in samples collected from well E-13 during the November 2013 monitoring event. Detected concentrations continued their declining trend and are substantially lower compared to 2003 when the MNA pilot study commenced. Specifically, TCE concentrations have decreased from 1.0 mg/L during the September 2003 monitoring event to 0.35 mg/L during the November 2013 monitoring event. Similarly, total VOC concentrations have decreased from 1.08 mg/L during the September 2003 monitoring event to 0.439 mg/L during the November 2013 monitoring event.

Historical groundwater monitoring results of other wells within the NBES indicate that TCE and total VOC concentrations are also decreasing with time and are within

historical ranges at wells E-1, E-2, E-3, E-4, E-5, E-6, E-7, E-10, E-11, E-12, E-13, E-14, E-15, E-18, and E-19. Total VOC concentrations in shallow-zone well E-9 increased and were detected at the highest concentrations since the February 2002 monitoring event. TCE concentrations detected at shallow-zone well E-9 were within historical ranges. Historical monitoring results are summarized in Table 4.

4.4 MNA Parameters

The results of the MNA sampling are presented in Tables 14 and 15. A detailed analysis of MNA results for the 3.5-year study was submitted on February 23, 2007 (LFR 2007a) under separate cover but in conjunction with the enhanced bioremediation pilot study report (LFR 2007b). The FFS report submitted on June 5, 2009 contained updated results of the pilot study. Since the submittal of the 2009 FFS, the full-scale ERD project has been implemented and a revised FFS was submitted on April 4, 2013 (ARCADIS 2013).

5. QA/QC Review of Water Quality Results

The QA/QC program for the reporting period included collection and analysis of four duplicate samples, four trip blanks, four field blanks, and three equipment blanks. The QA/QC program also included analysis of laboratory matrix spike and matrix spike duplicate samples, and laboratory method spikes and laboratory method spike duplicates. Field QA/QC samples were analyzed using EPA Method 8260/8010.

Additional information regarding QA/QC review of the data, including relative percent differences (RPDs) of duplicate sample analyses, is presented in Appendix D (Table D-1). Tables 4, 5, D-1, D-2, D-3, and D-4 have been prepared for the reported data. The results of C&T's internal QA/QC sample analyses are presented in the laboratory reports, which are on file at the ARCADIS Emeryville, California office.

RPD values for analyses of duplicate samples indicate acceptable data precision for samples collected in the current semiannual sampling round for the four duplicate samples collected (Table D-1). Results of the laboratory batch spikes, matrix spikes, and matrix spike duplicates, as well as laboratory method spikes and method spike duplicates were acceptable, with RPD values within laboratory-established limits. Tables D-2 and D-3 are summary tables that provide data typically included in the laboratory reports. Table D-4 presents common reporting limits for groundwater samples.

6. North Bayshore Extraction System

6.1 Semiannual Summary of NBES Operation

The NBES is presently composed of 17 extraction wells (E-1 through E-15, E-18, and E-19) located in the North Bayshore Area (Figures 2 and 3). Two interim extraction wells (W7 and W7A) were abandoned in February 1995. To replace the two abandoned wells, extraction wells E-18 and E-19 (owned by Montwood Corporation) were installed. Wells E-18 and E-19 have been connected to the NBES, and the Companies have agreed to perform interim operation and maintenance for those wells. Information regarding the monthly operation and flow rates of individual NBES wells for this reporting period is presented in Table 6. Information presented is based on operational data transmitted to ARCADIS by PES Environmental, Inc. (PES).

Implementation of the MNA study commenced with the shutdown of 16 of the NBES wells on June 4, 2003. With the exception of well E-16, which was subsequently abandoned, these wells were off-line during the 3.5-year MNA study and remain off-line as groundwater samples for MNA parameters continue to be collected semiannually. Extraction wells E-8 and E-13 continue to pump groundwater and discharge to the City of Mountain View collection system. Wells E-8 and E-13 were operational during the reporting period.

6.2 Average Pumping Rates

Average pumping rates of NBES wells for this reporting period are summarized in Table 6, which presents the total monthly flow and average flow for each extraction well.

6.3 Mass of VOCs in Extracted Groundwater

Table 7 presents the calculations of monthly mass of VOCs in extracted groundwater from each operating NBES extraction well. Mass calculations are based on VOC concentration data for NBES wells sampled during the reporting period. VOC results from the semiannual sampling of NBES extraction wells are reported in Table 4.

6.4 Average VOC Concentration in Extracted Groundwater

Groundwater extracted by the NBES is sampled at the designated point of discharge. Samples are analyzed using EPA Method 8260 for 8010 and 8020 list compounds and

methyl tertiary-butyl ether (MTBE) and total dissolved solids, in accordance with the quarterly monitoring and reporting requirements of Industrial Waste Discharge Permit 912 from the City of Mountain View.

Monitoring requirements under the permit were reduced in March 1997 from monthly sampling to quarterly sampling. As a result, calculations for the reporting period are based on analytical results from the samples collected on September 27 and November 7, 2013. Laboratory analytical results are presented in Table 8.

6.5 Historical Summary of NBES Operation

A historical summary of the NBES discharge monitoring data is presented in Table 9. The table includes summaries of average quarterly flow rates, VOC concentration data, and estimates of average VOC mass removed by operation of the NBES.

7. Spring Street Extraction System

7.1 Semiannual Summary of SSES Operation

The SSES comprises five groundwater extraction wells (ES1S, ES2S, ES3I, ES4I, and ES5S) located on Spring Street in Mountain View, California (Figures 2 and 3).

Information regarding the monthly operation and flow rates of individual SSES wells for this reporting period is presented in Table 10. Information presented is based on operational data transmitted to ARCADIS by PES.

Groundwater extracted by the SSES is sampled at the designated point of discharge. Samples are analyzed using EPA Method 8260 for 8010 and 8020 list compounds, MTBE, and total dissolved solids, in accordance with the quarterly monitoring and reporting requirements of Industrial Waste Discharge Permit 912 from the City of Mountain View.

Monitoring requirements under the permit were reduced in March 1997 from monthly sampling to quarterly sampling. As a result, calculations for the reporting period are based on results from the samples collected on September 27 and November 7, 2013.

7.2 Average Pumping Rates

Average pumping rates of SSES wells for this reporting period are reported in Table 10. This table presents the total monthly flow and average flow rate for each extraction well.

7.3 Mass of VOCs in Extracted Groundwater

Table 11 presents the calculations of monthly mass of VOCs in extracted groundwater from each SSES extraction well. Mass calculations are based on VOC concentration data for SSES wells sampled during this monitoring period. VOC results for the SSES extraction wells are reported in Table 5.

7.4 Average VOC Concentration in Extracted Groundwater

Groundwater extracted by the SSES is sampled at the designated point of discharge when the system is operational. Samples are analyzed using EPA Method 8260 for 8010 and 8020 list compounds, MTBE, and total dissolved solids, in accordance with the quarterly monitoring and reporting requirements of Industrial Waste Discharge Permit 912 from the City of Mountain View.

Monitoring requirements under the permit were reduced in March 1997 from monthly sampling to quarterly sampling. As a result, calculations for the reporting period are based on results from the samples collected on September 27 and November 7, 2013. Laboratory analytical results are presented in Table 12.

7.5 Historical Summary of SSES Operation

A historical summary of the SSES discharge monitoring data is presented in Table 13. The table includes summaries of average quarterly flow rates, average VOC concentration data, and estimates of average VOC mass removed by operation of the SSES.

8. References

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PES Environmental, Inc. (PES). 1994. Revised Groundwater Sampling Self Monitoring Plan. February 9.

Table 1
Groundwater Elevation Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Well Identification	Designated Screen Zone	Note	Well Elevation *(ft msl)*	Depth to Water *(feet)*	Nov-13 Water-Level Elevation *(ft msl)*
Spectra-Physics Wells					
S-1	Shallow		35.55	8.18	27.37
S-2	Shallow		36.01	10.05	25.96
S-3	Shallow		32.38	8.82	23.56
S-4	Shallow		34.58	10.28	24.30
S-5	Shallow		32.89	9.59	23.30
S-6	Shallow		34.07	8.82	25.25
S-7	Shallow		32.65	7.18	25.47
S-8	Shallow		29.36	8.80	20.56
S-9	Shallow		28.53	7.85	20.68
S-10	Shallow		26.40	NA	NA
S-11	Shallow		26.16	6.36	19.80
S-12	Shallow		35.55	6.91	28.64
S-13	Upper Intermediate		29.34	8.07	21.27
S-14	Lower Intermediate		29.43	7.54	21.89
S-15I	Upper Intermediate		30.90	9.12	21.78
S-16I	Upper Intermediate		30.65	6.52	24.13
S-17	Shallow		30.81	8.29	22.52
S-18	Shallow		36.14	9.07	27.07
S-18A	Shallow		36.11	9.30	26.81
S-19	Shallow		35.94	11.12	24.82
R-1	Shallow		31.97	9.60	22.37
R-2	Shallow		32.31	NA	NA
Teledyne Semiconductor Wells					
T-1	Shallow		27.87	7.68	20.19
T-2	Shallow		27.80	8.09	19.71
T-4	Shallow		28.93	7.95	20.98
T-5	Upper Intermediate		27.87	6.69	21.18
T-6	Shallow		27.04	8.37	18.67
T-7	Lower Intermediate		27.72	NA	NA
T-8	Shallow		26.03	9.90	16.13
T-9	Lower Intermediate		27.69	6.88	20.81
T-10	Lower Intermediate		26.98	7.56	19.42
T-11	Upper Intermediate		26.24	9.51	16.73
T-12	Shallow		27.33	8.82	18.51
T-13	Lower Intermediate		27.40	8.41	18.99
T-14	Shallow		30.91	9.10	21.81
T-15	Shallow		29.79	9.14	20.65
T-19	Shallow		31.48	8.80	22.68
T-20	Shallow		29.10	8.41	20.69
25I	Upper Intermediate		31.17	8.32	22.85
T-31S	Shallow		27.32	NA	NA
T-32I	Upper Intermediate		24.54	6.03	18.51
T-33I	Upper Intermediate		26.34	NA	NA
T-34S	Shallow		29.03	7.86	21.17
RA-1	Shallow		25.28	9.10	16.18

Table 1
Groundwater Elevation Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Well Identification	Designated Screen Zone	Note	Well Elevation *(ft msl)*	Depth to Water *(feet)*	Nov-13 Water-Level Elevation *(ft msl)*
VW-1	Vertical Extent		25.63	NA	NA
PZI-1	Upper Intermediate		26.82	9.97	16.85
PZ-1S	Shallow		27.84	10.32	17.52
PZ-2S	Shallow		26.80	9.51	17.29
PZ-3S	Shallow		25.55	9.10	16.45
PZ-4S	Shallow		26.88	7.78	19.10
PZ-5S	Shallow		27.17	8.77	18.40
PZ-6S	Shallow		23.31	NA	NA
PZ-7S	Shallow		25.56	8.43	17.13
MW-9S	Shallow		29.86	8.94	20.92
MW-10S	Shallow		30.48	10.17	20.31
MW-11S	Shallow		30.39	7.91	22.48
MW-19S	Shallow		31.60	8.92	22.68
MW-21S	Shallow		29.22	9.55	19.67
MW-22US	Upper Shallow		29.34	9.63	19.71
MW-23US	Upper Shallow		NS	NA	NA
MW-12UI	Upper Intermediate		29.57	7.43	22.14
MW-13UI	Upper Intermediate		30.28	9.49	20.79
MW-18UI	Upper Intermediate		30.75	8.27	22.48
MW-14LI	Lower Intermediate		20.44	7.04	13.40
MW-15LI	Lower Intermediate		29.88	8.56	21.32
MW-16LI	Lower Intermediate		30.46	7.17	23.29
MW-17LI	Lower Intermediate		30.53	8.12	22.41
MW-20LI	Lower Intermediate		31.86	NA	NA
North Bayshore Wells					
SP-1I	Upper Intermediate		13.23	5.93	7.30
SP-2I	Upper Intermediate		11.80	6.56	5.24
SP-3I	Upper Intermediate		9.72	7.21	2.51
SP-4I	Upper Intermediate		8.16	6.02	2.14
SP-5I	Upper Intermediate		8.49	8.80	-0.31
SP-6I	Upper Intermediate		12.73	5.91	6.82
SP-10I	Upper Intermediate		13.98	NA	NA
NC1S	Shallow	*	9.37	14.41	-5.04
NC2I	Upper Intermediate	*	9.37	14.42	-5.05
NC3S	Shallow	*	5.19	NA	NA
NC4I	Upper Intermediate	*	4.95	NA	NA
NC5S	Shallow	*	5.45	NA	NA
NC6I	Upper Intermediate	*	5.73	NA	NA
NC7S	Shallow		5.20	7.62	-2.42
W-1	Upper Intermediate		13.56	3.29	10.27
W-2	Shallow		18.55	7.61	10.94
W-2A	Upper Intermediate		18.31	7.99	10.32
W-3	Shallow		11.56	6.69	4.87
W-4	Shallow	*	15.16	13.14	2.02
W-4A	Upper Intermediate	*	15.06	13.10	1.96
W-5	Upper Intermediate		8.64	5.40	3.24
W-6	Shallow		8.04	7.82	0.22

Table 1
Groundwater Elevation Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Well Identification	Designated Screen Zone	Note	Well Elevation *(ft msl)*	Depth to Water *(feet)*	Nov-13 Water-Level Elevation *(ft msl)*
W-6A	Upper Intermediate		7.91	7.88	0.03
Well 21	Shallow	*	12.86	4.86	8.00
Well 22	Shallow	*	8.67	6.62	2.05
Well 23	Shallow	*	7.46	5.10	2.36
24S	Shallow		11.78	4.65	7.13
24I	Upper Intermediate		11.49	4.39	7.10
26S	Shallow		31.68	5.29	26.39
26I	Upper Intermediate		31.81	5.85	25.96
27I	Upper Intermediate		13.17	8.89	4.28
28S	Shallow		5.82	7.55	-1.73
28I	Upper Intermediate		5.87	7.61	-1.74
29S	Shallow		19.95	NA	NA
29I	Upper Intermediate		20.14	NA	NA
30S	Shallow		8.73	7.85	0.88
30I	Upper Intermediate		8.75	7.64	1.11
VW-2	Vertical Extent		12.87	4.40	8.47
VW-3	Vertical Extent		11.67	6.32	5.35
VW-4	Vertical Extent		9.07	1.70	7.37
NB-1I	Upper Intermediate	*	14.10	NA	NA
NB-2	Shallow	*	14.42	5.46	8.96
NB-3I	Upper Intermediate	*	13.08	5.58	7.50
NB-4	Shallow	*	12.68	5.55	7.13
NB-5	Shallow		13.53	NA	NA
NB-6	Shallow		13.77	NA	NA
NB-7	Shallow	*	11.58	5.52	6.06
NB-8	Shallow	*	11.84	NA	NA
NB-9	Shallow		9.00	7.69	1.31
NB-13I	Upper Intermediate		13.33	8.23	5.10
NB-14	Shallow		12.32	7.30	5.02
NB-15	Shallow		13.82	8.74	5.08
NB-16I	Upper Intermediate		12.94	6.66	6.28
NB-17	Shallow		12.93	6.64	6.29
NB-18I	Upper Intermediate		11.09	7.44	3.65
NB-19	Shallow		10.96	7.68	3.28
NB-24I	Upper Intermediate	(1)	11.57	NA	NA
NB-25	Shallow		10.69	11.54	-0.85
NB-26I	Upper Intermediate		11.31	9.60	1.71
North Bayshore Extraction System (NBES) Wells					
E-1	Shallow		12.78	4.47	8.31
E-2	Shallow		12.54	4.63	7.91
E-3	Shallow		12.63	5.09	7.54
E-4	Shallow		13.64	5.95	7.69
E-5	Shallow		13.03	7.20	5.83
E-6	Shallow		12.60	7.00	5.60
E-7	Shallow		10.59	7.25	3.34
E-8	Shallow		7.46	6.06	1.40
E-9	Shallow		7.83	8.57	-0.74

Table 1
Groundwater Elevation Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Well Identification	Designated Screen Zone	Note	Well Elevation *(ft msl)*	Depth to Water *(feet)*	Nov-13 Water-Level Elevation *(ft msl)*
E-10	Upper Intermediate		12.57	4.40	8.17
E-11	Upper Intermediate		13.49	7.01	6.48
E-12	Upper Intermediate		12.99	6.95	6.04
E-13	Upper Intermediate		10.74	38.64	-27.90
E-14	Upper Intermediate		11.24	6.34	4.90
E-15	Upper Intermediate		7.86	7.27	0.59
E-18	Shallow		9.82	8.45	1.37
E-19	Upper Intermediate		9.97	8.19	1.78
Spring Street Extraction System (SSES) Wells					
ES1S	Shallow		21.07	5.35	15.72
ES2S	Shallow		21.66	8.18	13.48
ES3I	Lower Intermediate		22.16	35.98	-13.82
ES4I	Upper Intermediate		21.98	8.72	13.26
ES5S	Shallow		22.77	9.78	12.99
Spring Street Wells					
PS1S	Shallow		20.78	5.70	15.08
PS2S	Shallow		20.95	5.59	15.36
PS3I	Upper Intermediate		21.31	5.68	15.63
PS4S	Shallow		21.27	5.79	15.48
PS5I	Upper Intermediate		21.89	6.08	15.81
PS6S	Shallow		22.83	7.08	15.75
MS1S	Shallow		19.58	4.72	14.86
MS2I	Upper Intermediate		20.67	4.68	15.99
MS3I	Lower Intermediate		20.95	4.61	16.34
MS4S	Shallow		21.78	6.25	15.53
MS5I	Lower Intermediate		21.79	NA	NA
MS6I	Lower Intermediate		22.71	6.73	15.98
MS7I	Upper Intermediate		22.07	NA	NA
MS8I	Lower Intermediate		22.66	4.11	18.55
MS9S	Shallow		23.08	5.33	17.75
MS10S	Shallow		19.82	4.88	14.94
Whisman School District Wells					
WSD-1	Shallow/Extraction Well		25.07	NM	NM
WSD-2	Shallow		24.29	NM	NM
WSD-3	Shallow		23.76	NM	NM
WSD-4	Shallow		24.10	NM	NM
WSD-5	Shallow/Extraction Well		24.32	NM	NM
WSD-7	Shallow		21.95	NM	NM
WSD-8	Shallow/Extraction Well		24.27	NM	NM
WSD-9	Shallow/Extraction Well		22.84	NM	NM
WSD-10	Shallow		23.74	NM	NM
WSD-11	Shallow		25.48	NM	NM
WSD-12	Upper Intermediate		24.28	NM	NM

Table 1
Groundwater Elevation Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Well Identification	Designated Screen Zone	Note	Well Elevation *(ft msl)*	Depth to Water *(feet)*	Nov-13 Water-Level Elevation *(ft msl)*
Deep Aquifer Wells					
6S2W09Q01	Deep Aquifer		NM	NM	NM
6S2W16G07	Deep Aquifer		NM	NM	NM
6S2W10E02	Deep Aquifer		NM	NM	NM
City of Mountain View Wells (Measured 9/23/2013)					
SMW-1	Upper Intermediate	(1)	6.54	5.67	0.87
SMW-2	Upper Intermediate	(1)	12.64	10.94	1.70
SMW-3	Upper Intermediate	(1)	15.55	14.51	1.04
SMW-4	Upper Intermediate	(1)	4.70	4.37	0.33
SMW-5	Upper Intermediate	(1)	13.69	13.49	0.20
SMW-6	Upper Intermediate	(1)	2.20	NM	NM
SMW-7	Upper Intermediate	(1)	11.78	14.79	-3.01
SMW-8	Upper Intermediate	(1)	5.08	11.12	-6.04
SMW-9	Upper Intermediate	(1)	6.58	8.26	-1.68
SMW-10	Upper Intermediate	(1)	7.53	8.62	-1.09
SMW-11	Upper Intermediate	(1)	5.35	6.40	-1.05
SMW-12	Shallow	(1)	4.32	4.92	-0.60
SMW-13	Shallow	(1)	8.88	9.11	-0.23
SMW-14	Upper Intermediate	*(1)	12.58	11.72	0.86
SMW-15	Upper Intermediate	*(1)	7.21	1.96	5.25
SMW-16	Upper Intermediate	(1)	14.04	17.61	-3.57
SMW-17R	Upper Intermediate	(1)	10.58	9.78	0.80
SMW-18	Upper Intermediate	(1)	15.93	16.37	-0.44
SMW-19	Shallow	(1)	14.25	16.24	-1.99
SMW-20	Upper Intermediate	*(1)	17.37	15.71	1.66
SMW-21	Shallow	(1)	17.56	18.58	-1.02
SMW-22	Shallow	(1)	11.08	11.57	-0.49
SMW-23	Upper Intermediate	(1)	13.63	16.26	-2.63
SMW-25R	Shallow	(1)	10.50	8.91	1.59
SMW-26	Upper Intermediate	*(1)	13.64	13.99	-0.35
CH-7	Upper Intermediate	(1)	4.23	3.71	0.52
PDW-08	Upper Intermediate	(1)	13.78	NM	NM
Montwood Wells (Plymouth Street Site; Measured 1-7-2014)					
EW-1s	Shallow	**	15.40	2.68	9.87
MW-3s	Shallow	**	16.55	3.41	10.35
MW-4s	Shallow	**	17.16	3.51	10.34
MW-5s	Shallow	**	19.28	4.37	12.14
MW-6a	Shallow	**	19.57	5.27	11.98
MW-7s	Shallow	*/**	16.26	4.10	9.16
EW-8s	Shallow	**	17.62	4.20	10.42
EW-9s	Shallow	**	16.54	3.53	10.38
MW-10	Shallow	**	20.40	6.00	11.68
MW-11	Shallow	**	22.79	6.68	13.42

Table 1
Groundwater Elevation Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Well Identification	Designated Screen Zone	Note	Well Elevation *(ft msl)*	Depth to Water *(feet)*	Nov-13 Water-Level Elevation *(ft msl)*
MW-12	Shallow	**	15.88	4.30	8.61
MW-14	Shallow	**	15.71	4.83	7.92
MW-15s	Shallow	**	18.91	5.98	10.04
MW-16	Shallow	**/****	16.13	7.20	8.93
MW-18	Shallow	****	18.53	4.53	14.00
MW-19	Shallow	****	18.46	4.58	13.88
MW-20	Shallow	****	18.91	4.93	13.98
MW-21	Shallow	****	20.19	5.23	14.96
MW-22	Shallow	****	19.04	4.72	14.32
MW-23	Shallow		17.33	7.24	10.09
MW-24	Shallow		17.28	7.47	9.78
MW-25	Shallow		18.79	5.17	13.62
MW-26	Shallow		16.68	3.70	12.98
MW-27	Shallow		18.38	4.79	13.59
MW-28	Shallow		30.32	5.90	24.42
RWB-1 (S)	Shallow		15.64	4.77	10.87
P-1	Shallow		13.00	NM	NM
P-2	Shallow		13.18	NM	NM
P-3	Shallow		13.73	NM	NM
P-4	Shallow		13.49	NM	NM
P-5	Shallow		13.48	NM	NM
P-6	Shallow		12.98	NM	NM
P-7	Shallow		14.80	NM	NM
MW-1 (I)	Upper Intermediate	**	15.46	NM	NM
MW-2 (I)	Upper Intermediate		13.65	NM	NM
MW-3 (I)	Upper Intermediate	**	16.57	3.41	10.35
MW-4 (I)	Upper Intermediate	*/**	17.42	3.50	11.22
MW-5 (I)	Upper Intermediate	**	19.11	4.13	12.22
MW-6 (I)	Upper Intermediate	**	20.11	4.90	12.12
MW-7 (I)	Upper Intermediate	*/**	15.91	2.48	10.23
MW-8 (I)	Upper Intermediate	**	17.88	4.19	10.99
MW-9 (I)	Upper Intermediate	*/**	16.45	5.15	8.53
MW-13	Upper Intermediate	**	15.73	4.18	8.59
MW-17	Upper Intermediate	**	16.18	6.00	10.18
PSE-1 (I)	Upper Intermediate	**	15.14	2.12	10.47
Peery Arrillaga Wells (Measured on 1-7-2014)					
A1	Shallow	*	17.06	NM	NM
PA1	Shallow	*	9.11	NM	NM
PA2	Shallow	*	10.19	NM	NM
PA4	Shallow	*/***	12.93	6.66	6.27
PA5	Shallow	*/***	12.78	5.19	7.59
PA6	Upper Intermediate	*/***	12.28	4.82	7.46
PA7	Upper Intermediate	*/***	12.36	6.81	5.55
PA8	Shallow	*/***	17.14	12.05	5.09
PA9	Upper Intermediate	*/***	17.50	12.44	5.06
PA10	Shallow	*/***	17.66	13.51	4.15

Table 1
Groundwater Elevation Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Well Identification	Designated Screen Zone	Note	Well Elevation *(ft msl)*	Depth to Water *(feet)*	Nov-13 Water-Level Elevation *(ft msl)*
PA11	Upper Intermediate	*/***	17.50	13.44	4.06
PA12	Shallow	*/***	11.64	11.08	0.56
PA13	Upper Intermediate	*/***	11.51	10.80	0.71
PA14	Shallow	*/***	21.70	18.81	2.89
PA15	Upper Intermediate	*/***	21.35	18.16	3.19
MW-1	Shallow	*/***	14.24	8.22	6.02
MW-2	Shallow	*/***	13.58	NM	NM
MW-3A	Shallow	*	15.42	NM	NM
MW-4	Shallow	*	16.11	NM	NM
MW-5	Shallow	*	16.98	NM	NM
MW-6	Shallow	*	16.60	NM	NM
MW-7	Shallow	*	16.29	NM	NM
CTS PRINTEX Wells					
5W-S/I	Shallow/Upper Intermediate	*	17.55	NM	NM
6W-S	Shallow	*	20.04	NM	NM
7W-S	Shallow	*	17.52	NM	NM
8W-I	Upper Intermediate		17.59	NM	NM
9W-I	Upper Intermediate		16.07	NM	NM
10W-S	Shallow	*	16.12	NM	NM
11W-I	Upper Intermediate		13.28	NM	NM
12W-S	Shallow		13.47	NM	NM
13W-S	Shallow		16.40	NM	NM
14W-I	Upper Intermediate		16.19	NM	NM
15W-I	Upper Intermediate		18.35	NM	NM
16W-S	Shallow	*	18.32	NM	NM
17W-I	Upper Intermediate		14.89	NM	NM
19W-I	Upper Intermediate		10.92	NM	NM
20W-S	Shallow	*	10.95	NM	NM
21W-S/I	Shallow/Upper Intermediate	*	11.73	NM	NM
22W-I	Upper Intermediate		9.99	NM	NM
23W-S	Shallow		9.87	NM	NM
25W-S	Shallow	*	10.75	NM	NM
26W-S/I	Shallow/Upper Intermediate	*	11.67	NM	NM
27W-I	Upper Intermediate		13.49	NM	NM
28W-S	Shallow	*	13.59	NM	NM
29W-I	Upper Intermediate		9.01	NM	NM
31W-I	Upper Intermediate		8.69	NM	NM
33W-S	Shallow		9.99	NM	NM
34W-S	Shallow	*	12.38	NM	NM
35W-I	Upper Intermediate		8.80	NM	NM
36W-S	Shallow	*	8.89	NM	NM
37W-I	Upper Intermediate		10.22	NM	NM
38W-S	Shallow		11.70	NM	NM
39W	unknown		16.20	NM	NM
D1W-I	Upper Intermediate		17.43	NM	NM
D2W-I	Upper Intermediate		13.44	NM	NM
ES1W-S	Shallow/Extraction		16.76	NM	NM

Table 1
Groundwater Elevation Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Well Identification	Designated Screen Zone	Note	Well Elevation *(ft msl)*	Depth to Water *(feet)*	Nov-13 Water-Level Elevation *(ft msl)*
ED2W-I	Upper Intermediate/Extraction		12.25	NM	NM
ES2W-S	Shallow/Extraction		14.19	NM	NM
ES3W-S	Shallow/Extraction		7.24	NM	NM
ED3W-I	Upper Intermediate/Extraction		10.71	NM	NM
ES4W-S	Shallow/Extraction		7.67	NM	NM
ED1W-I	Upper Intermediate/Extraction		16.62	NM	NM

Data entered by ASL. Data proofed by SH.

Notes:

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

NA = Well not accessible (missing, damaged, covered)
NM = Not measured this event
NS = Not surveyed

* = Elevation data from well elevation survey conducted by HMH, Inc., surveyors.
** = Elevation data changed due to the installation of a groundwater extraction system.
*** = Construction performed on wells during 2010 changed the surveyed elevations. Well elevation survey conducted by Virgil Chavez Land Surveying on March 3, 2010.
See LFR Levine·Fricke letter report dated October 27, 1992 and HMH Survey Report dated October 8, 1992.
**** = wells installed between December 2007 and June 2008.

Whisman School District wells measured by J. V. Lowney Associates personnel.
City of Mountain View wells measured by City of Mountain View personnel.
Peery/Arrillaga wells measured by Streamborn.
Montwood wells measured by CDM, Walnut Creek, California.
CTS PRINTEX wells measured by CET personnel.

(1) City of Mountain View wells top of casing elevation surveyed in August 1997.

Table 2
Hydraulic Gradients for Specified Well Pairs*
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Well No.	Date Measured	Water-Level Elevation (ft msl)	Approximate Distance Between Wells (ft)	Hydraulic Gradient (ft/ft)	General Direction
NC4I	04-Nov-13	NM			
NB-24I	04-Nov-13	NM	450	NM	NA
NC3S	04-Nov-13	NM			
NB-25	04-Nov-13	-0.85	1,100	NM	NA
SMW-15	04-Nov-13	NM			
NB-26I	04-Nov-13	1.71	850	NM	NA

Data input by ASL. Data proofed by MD.

Notes:
ft = feet
msl = mean sea level
NM = not measured this event; not accessible
NA = not available
* Hydraulic gradient and direction information provided in accordance with Regional Water Quality Control Board Site Cleanup Requirements Order 91-025. Wells NC4I and NC3S were not accessible and, therefore, water levels were not measured. The water level for well SMW-15 was not measured contemporaneously with well NB-26I and, therefore, the hydraulic gradient was not calculated.

Table 3
Summary of Wells Sampled During the Period
from July 1 through December 31, 2013
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Spectra-Physics On-Site Monitoring Wells	Off-Site Monitoring Wells	Spring Street Monitoring and Extraction Wells	North Bayshore Extraction Wells	Teledyne On-Site Wells
S-3	NC-1S*	ES1S	E-1	PZ-2S*
S-12*	NC-2I*	ES2S	E-2*	PZ-5S
S-15	NC-7S	ES3I	E-3	T-4
S-16I*	W-1	ES4I	E-4	T-11*
S-9	W-2	ES5S	E-5	T-13
S-18	W-2A	MS2I	E-6	T-20
	W-3	MS9S	E-7	PZ-1S**
	W-4	MS10S	E-8	T-2**
	W-4A	MS4S**	E-9*	T-10I**
	W-6	MS6I**	E-10	
	W-6A	PS3I**	E-11*	
	Well 21	PS4S**	E-12	
	Well 23	PS5I**	E-13	
	24S	PS6S**	E-14	
	24I		E-15*	
	27I		E-18	
	28S		E-19	
	28I			
	30S			
	30I			
	NB-25			
	NB-26I			
	VW-3***			

Notes:
* Selected for additional Monitored Natural Attenuation sampling.
** Additional wells sampled in support of enhanced reductive dechlorination performance monitoring.
*** Well was erroneously sampled during this periods monitoring event.
E-16 was decommissioned with Regional Water Quality Control Board approval in December 2005. This well is not included in the current sampling plan.
RA-1 and T-32I are operating as injection wells for the duration of the enhanced bioremediation pilot study. These two wells are not included in the current sampling plan.
Well locations are illustrated on Figures 2, 3, and 4.

Table 4
Historical Water-Quality Data for Off-Site Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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	Dup		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	Dup		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	Dup	(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	Dup		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	Dup		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	Dup		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	Re		0.0120	ND	ND	ND	ND	ND	ND	ND	ND	0.0120
11/15/1995	Re / Dup		0.0090	ND	ND	ND	ND	ND	ND	ND	ND	0.0090
11/15/1995	Re		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
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	*Dup		0.1570	0.0880	ND	ND	ND	ND	ND	ND	ND	0.2450
1/29/1986	*Triplic.		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

Table 4
Historical Water-Quality Data for Off-Site Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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-2												
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	Dup		0.0630	0.0230	ND	ND	ND	ND	ND	ND	ND	0.0860
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	Dup		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
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	Dup		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
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	Dup		2.0000	ND	ND	ND	ND	ND	0.0900	ND	ND	2.0900
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

Table 4
Historical Water-Quality Data for Off-Site Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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-3												
9/27/1989			0.5300	0.0250	ND	ND	ND	0.0230	0.1100	ND	ND	0.6880
9/27/1989	Dup		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	Dup		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
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	Dup		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	Dup		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	Dup		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	Dup		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	Dup	(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	Dup	(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	Dup	(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	Dup	(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	Dup	(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
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

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Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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-4												
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	Dup		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
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	Dup		0.0004J	0.0011	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	0.0015
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	Dup		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
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	Dup		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
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

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Well Number/ Date Sampled	Dups	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-5												
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
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
3/1/1993	Dup		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	Dup		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	Dup		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	Dup		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	Dup		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	Dup	+	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	Dup	+	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	Dup	(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	Dup	(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	Dup		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	Dup		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	Dup		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	Dup		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	Dup		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	Dup		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	Dup	(85)	0.0390	0.0011	ND	ND	ND	ND	ND	ND	ND	0.0460

Table 4
Historical Water-Quality Data for Off-Site Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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-6												
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
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
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
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	Dup		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	Dup		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
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	Dup	+	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	Dup		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

Table 4
Historical Water-Quality Data for Off-Site Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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-7												
8/27/1990			0.2600	0.1400	ND	ND	ND	ND	ND	ND	ND	0.4000
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	Dup		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	Dup		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	Dup		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
Pumping started September 14, 1992												
11/25/1992			0.1800	0.0590	ND	ND	ND	ND	ND	ND	ND	0.2390
11/25/1992	Dup		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	Dup		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	Dup		0.1100	0.0280	ND	ND	ND	ND	ND	ND	ND	0.1380
5/18/1994			0.0930	0.0220	ND	ND	ND	ND	ND	ND	ND	0.1150
5/18/1994	Dup		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	Dup		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	Dup		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	Dup		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	Dup		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	Dup		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	Dup		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

Table 4
Historical Water-Quality Data for Off-Site Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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-7A												
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
Well abandoned in February 1995												
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	Dup		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	Dup		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	Dup		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	Dup		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
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	Dup		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	Dup	(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	Dup	(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

Table 4
Historical Water-Quality Data for Off-Site Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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 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
8/29/1990	Dup		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	Dup		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	Dup		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	Dup		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
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	Dup		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

Table 4
Historical Water-Quality Data for Off-Site Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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 23												
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
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
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
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	Dup	(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	Dup	(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	Dup	(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
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
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	Dup		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

Table 4
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Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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
24I												
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	Dup		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	Dup		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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	Dup		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	Dup		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	Dup		<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
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	Dup		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	Dup		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	Dup		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	Dup		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	Dup		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	Dup		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
8/21/1991	Dup		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	Dup	(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	Dup		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	Dup		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	Dup		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	Dup		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

Table 4
Historical Water-Quality Data for Off-Site Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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
27I												
5/17/1993	Dup		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	Dup		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	Dup		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	Dup		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	Dup		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
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	Dup	(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
28S												
10/21/1986			0.0200	ND	0.0053	ND	ND	0.0170	0.0013	ND	ND	0.0436
10/21/1986	Dup	(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	Dup		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	Dup		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	Dup		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	Dup		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	Dup		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	Dup		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	Dup		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	Dup		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
5/17/1993			0.0150	0.0220	0.0010	ND	ND	0.0023	0.0017	ND	ND	0.0420
5/17/1993	Dup		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	Dup		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

Table 4
Historical Water-Quality Data for Off-Site Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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
28S												
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	Dup		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	Dup		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	Dup		0.012	0.015	ND	0.0005	ND	0.0032	0.0013	ND	ND	0.0320
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	Dup	(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	Dup	(352)	0.00610	0.00870	ND	ND	0.0008	ND	ND	ND	ND	0.0156
12/17/2003	Dup	(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
28I												
10/21/1986			0.0047	ND	ND	ND	ND	0.0011	ND	ND	ND	0.0058
10/21/1986	Dup		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

Table 4
Historical Water-Quality Data for Off-Site Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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
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
29S												
10/21/1986			0.0310	ND	ND	ND	ND	ND	ND	ND	ND	0.0310
10/21/1986	Dup		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
12/20/1988	Dup		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	Dup		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	Dup		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	Dup	(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

Table 4
Historical Water-Quality Data for Off-Site Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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
29I												
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
11/18/1992			0.0350	0.0150	ND	ND	ND	ND	0.0012	ND	ND	0.0512
11/18/1992	Dup		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	Dup		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
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	Dup	(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
30S												
10/21/1986			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/21/1986	Dup		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	Dup		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	Dup		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/8/1999	Dup		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	Dup		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
30I												
10/21/1986			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/21/1986	Dup		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

Table 4
Historical Water-Quality Data for Off-Site Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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
30I												
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
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
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	Dup	(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
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	Dup		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

Table 4
Historical Water-Quality Data for Off-Site Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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
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
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
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	Dup		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	Dup		0.009	0.009	ND	ND	0.0009	ND	ND	ND	ND	0.0189
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
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	Dup	(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

Table 4
Historical Water-Quality Data for Off-Site Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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
NC2I												
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	Dup		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
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
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	Dup		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
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	Dup	(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

Table 4
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Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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
NC3S												
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	Dup		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	Dup		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	Dup		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
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
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	Dup		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	Dup	(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

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Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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
NC5S												
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	Dup	(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
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
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	Dup		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	Dup		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	Dup		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	Dup		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

Table 4
Historical Water-Quality Data for Off-Site Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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
NC7S												
8/19/1993			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8/19/1993	Dup		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	Dup		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	Dup		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	Dup		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
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	Dup		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
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	Dup		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
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
Permanente Creek												
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	Dup		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	Dup		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

Table 4
Historical Water-Quality Data for Off-Site Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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 SP-10I												
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	Dup		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	Dup		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												
Not pumping												
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	Dup		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	Dup		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
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	Re		0.7000	0.1600	ND	ND	ND	ND	ND	ND	ND	0.8630
2/14/1996			0.6000	0.1600	ND	ND	ND	ND	ND	ND	ND	0.7630
2/14/1996	Dup		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

Table 4
Historical Water-Quality Data for Off-Site Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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
E1												
11/12/1997			0.600	0.150	ND	ND	ND	NA	ND	ND	ND	0.7500
11/12/1997	Dup		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	Dup		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	Dup	(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	Dup	(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	Dup	(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
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	0.500
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
E2												
Not pumping												
7/26/1988		(b)	1.3000	0.2600	ND	0.0011	0.0004	ND	0.0200	0.0014	ND	1.5871
7/26/1988	Dup		1.3000	0.3800	ND	ND	ND	ND	0.0300	ND	ND	1.7100
Pumping started 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

Table 4
Historical Water-Quality Data for Off-Site Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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
E2												
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	Re		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	Dup		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	Dup	(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
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												
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	Dup	(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
9/20/2006		(577)	0.320	0.130	<0.0036	<0.0036	<0.0036	ND	0.0110	<0.0036	<0.0036	0.4860

Table 4
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Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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
E2												
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
E3												
Not pumping												
7/27/1988		(c)	1.2000	0.5900	ND	0.0011	0.0005	ND	0.0100	0.0005	ND	1.8171
7/27/1988	Dup		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	Dup		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	Dup		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	Dup		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	Dup		0.5000	0.1100	ND	ND	ND	ND	ND	ND	ND	0.6100
5/14/1996			0.5100	0.1100	ND	ND	ND	ND	0.0110	ND	ND	0.6200
5/14/1996	Dup		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	Dup		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	Dup	(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
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

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Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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
E3												
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	Dup	(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	Dup	(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	Dup	(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
E4												
Not pumping												
8/3/1988			0.8500	0.1400	ND	0.0004	ND	0.0064	0.0055	0.0008	ND	1.0031
8/3/1988	Dup		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	Dup		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
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

Table 4
Historical Water-Quality Data for Off-Site Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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												
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	Dup	(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
2/9/2005	Dup	(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	Dup	(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	Dup	(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	Dup	(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	Dup	(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	Dup	(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

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Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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
E5												
Not pumping												
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	Dup		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
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
9/21/2006		(580)	0.230	0.160	<0.0017	<0.0017	<0.0017	<0.017	0.0041	<0.0017	<0.0017	0.3973

Table 4
Historical Water-Quality Data for Off-Site Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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
E5												
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	Dup	(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
E6												
Not pumping												
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	Dup		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
3/9/1993	Dup		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	Dup		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	Dup		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
8/14/2001		(189)	0.210	0.0560	ND	ND	ND	ND	0.0018	ND	0.0027	0.2705

Table 4
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Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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
E6												
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
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	Dup	(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	Dup	(914)	0.120	0.110	<0.0005	0.0007	<0.0005	0.0053	0.0024	0.0089	<0.0005	0.2492
E7												
Not pumping												
8/18/1988			0.1000	0.0010	ND	ND	0.0005	ND	ND	ND	ND	0.1015
8/18/1988	Dup		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	Dup		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
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

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Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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
E7												
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	Dup		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	Dup		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
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	Dup	(415)	0.150	0.180	ND	ND	ND	ND	ND	0.0016	ND	0.3343
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	Dup	(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
E8												
Not pumping												
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	Dup		1.4000	0.5100	ND	ND	ND	0.0470	0.0056	ND	ND	1.9626
Pumping started Jan 1990												
1/22/1990			0.6100	0.2200	ND	ND	ND	ND	ND	ND	ND	0.8300
1/22/1990	Dup		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

Table 4
Historical Water-Quality Data for Off-Site Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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
E8												
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	Dup		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	Dup		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	Dup		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
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	Dup		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	Dup		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	Dup		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	Dup		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	Dup		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

Table 4
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Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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
E8												
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
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	Dup	(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
E9												
Not pumping												
8/11/1988			0.0290	0.0490	0.0048	0.0011	0.0018	0.0015	ND	ND	ND	0.0870
8/11/1988	Dup		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

Table 4
Historical Water-Quality Data for Off-Site Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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												
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
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	Dup	(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
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
E10												
Not pumping												
8/1/1988			0.9200	0.2300	ND	ND	ND	0.0041	0.0011	ND	ND	1.1552
8/1/1988	Dup		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

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Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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
E10												
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
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
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
E11												
Not pumping												
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	Dup		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

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Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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
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
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	Dup	(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
E12												
Not pumping												
8/9/1988			0.0320	ND	ND	ND	ND	ND	ND	ND	ND	0.0320
8/9/1988	Dup		0.0300	0.0630	ND	ND	ND	ND	ND	ND	ND	0.0930
Pumping started Jan 1990												

Table 4
Historical Water-Quality Data for Off-Site Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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
E12												
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
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	Dup		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	Dup		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

Table 4
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Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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
E12												
2/11/2005		(473)	0.090	0.015	ND	ND	ND	0.050	0.0006J	0.0003J	ND	0.1572
2/11/2005	Dup	(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
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
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	Dup	(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
E13												
Not pumping												
8/4/1988			2.5000	0.0140	ND	0.0003	ND	0.0280	0.0007	ND	0.0003	2.5433
8/4/1988	Dup		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	Dup		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	Dup		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	Dup		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	Dup		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

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Well Number/ Date Sampled	Dups	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
E13												
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	Dup		1.020	0.0925	ND	ND	ND	ND	0.0409	ND	ND	1.1534
8/30/2000			1.160	0.1230	ND	ND	ND	ND	0.0403	ND	ND	1.3233
8/30/2000	Dup		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	Dup		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	Dup		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	Dup	(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	Dup		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	Dup	(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	Dup	(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	Dup	(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	Dup	(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	Dup	(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	Dup	(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	Dup	(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	0.439
E14												
Not pumping												
8/12/1988			0.2300	0.0650	0.0006	ND	0.0005	0.0066	ND	ND	ND	0.3027
8/12/1988	Dup		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	Dup		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

Table 4
Historical Water-Quality Data for Off-Site Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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
E14												
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
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	Dup		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	Dup	(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	Dup	(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
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

Table 4
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Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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
E15												
Not pumping												
8/15/1988			0.0017	ND	0.0012	ND	0.0004	ND	ND	ND	ND	0.0033
8/15/1988	Dup		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	Dup		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 4
Historical Water-Quality Data for Off-Site Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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
E15												
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	Dup	(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
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
E16												
Not pumping												
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	Dup		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	Dup		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
5/14/1997			0.092	0.0091	ND	ND	ND	ND	ND	ND	ND	0.1011
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

Table 4
Historical Water-Quality Data for Off-Site Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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
E16												
8/13/1998	Dup		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
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												
Not Pumping												
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	Dup		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
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

Table 4
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Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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
E17												
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	Dup		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
8/21/1996	Dup		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	Dup	(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

Table 4
Historical Water-Quality Data for Off-Site Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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
E18												
11/2/2007		(651)	0.040	0.042	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	0.0003J	<0.0005	0.0868
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	Dup	(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
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
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	Dup		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	Dup	(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
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

Table 4
Historical Water-Quality Data for Off-Site Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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
E19												
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	Dup		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
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
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
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	Dup		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

Table 4
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Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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
VW-4												
2/2/1987			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2/2/1987	Dup		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
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	Dup		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	Triplic.		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

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Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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
6S2W16G7												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
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												
BB			ND									
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	Dup		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1/29/1990	Triplic.		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
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
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

Table 4
Historical Water-Quality Data for Off-Site Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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
Blanks				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
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
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		VW-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	ND	ND	ND	ND	ND	ND	ND	ND	ND
8/19/1993		VW-2-BB (83)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 4
Historical Water-Quality Data for Off-Site Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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
Blanks				ND	ND	ND	ND	ND	ND	ND	ND	ND
8/19/1993		T. BLANK	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
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
12/10/1999		VW-2-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/9/1999		VW-3-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/6/1999		TB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/10/1999		TB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/6/2000		VW-3-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/6/2000		VW-3-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
12/1/2000		W-6A-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
12/1/2000		TB	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
12/5/2000		24S-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
12/5/2000		TB	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
12/4/2000		W-4-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
12/4/2000		TB	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
11/19/2001		28S-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
11/20/2001		WELL-22-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
11/21/2001		27I-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
11/26/2001		FB-W-2A	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
11/27/2001		FB-T-1	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
11/29/2001		FB-T34	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
11/12/2002		VW-3-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
11/13/2002		NC7S-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
11/14/2002		TB-111402	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
11/14/2002		W-4-FB	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
11/30/2004		TB-113004	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
12/6/2004		TB-120604	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
2/9/2005		TB020905	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
5/12/2005		E-3-EB	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
8/16/2005		TB081605	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
11/3/2005		FB-110305	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000

Table 4
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Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Expressed in parts per million (ppm)

Well Number/ Date Sampled	Dups	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
Blanks				ND	ND	ND	ND	ND	ND	ND	ND	0.0000
3/14/2006		TB	ND									
3/15/2006		TB	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
5/22/2006		TB	<0.0005	ND	ND	ND	ND	ND	ND	ND	ND	0.0000
9/19/2006		TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0005	0.0005
9/21/2006		EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	ND
12/5/2006		TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	ND
12/6/2006		TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	ND
5/22/2007		TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	ND
5/21/2007		FB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	ND
5/21/2007		EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	ND
5/23/2007		TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	ND
5/23/2007		FB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	ND
5/23/2007		EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	ND
10/30/2007		TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	ND
11/1/2007		EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	ND
11/1/2007		FB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	ND
11/2/2007		EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	ND
11/2/2007		FB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	ND
6/3/2008		TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	ND
6/4/2008		EB (668)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	ND
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
6/4/2008		TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	0.0083
6/5/2008		EB (677)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
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
6/5/2008		TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	0.0080
11/6/2008		TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
11/7/2008		TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
11/7/2008		FB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
11/7/2008		EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	0.0003J	0.0003
11/10/2008		FB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	0.0003J	0.0003
11/10/2008		EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	0.0003J	0.0003
5/12/2009		EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	0.0003J	0.0003
5/12/2009		FB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
5/12/2009		TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
5/14/2009		EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
5/14/2009		FB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
5/14/2009		TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
11/11/2009		EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
11/11/2009		FB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
11/10/2009		TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
11/12/2009		EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
11/12/2009		FB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
11/12/2009		TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
11/13/2009		TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
5/25/2010		EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
5/25/2010		FB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
5/26/2010		TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
5/26/2010		EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
5/26/2010		FB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
12/13/2010		TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
12/15/2010		EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
12/15/2010		FB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
12/16/2010		EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
12/16/2010		FB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
12/16/2010		TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
12/17/2010		EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
12/17/2010		FB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
12/17/2010		TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
5/18/2011		EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
5/19/2011		EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
5/19/2011		TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
11/15/2011		EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
11/17/2011		EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	ND
11/27/2012		EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	ND
11/28/2012		EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	ND
11/29/2012		EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	ND
11/29/2012		TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	ND
11/30/2012		TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	ND
6/7/2013		TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	ND
11/8/2013		EB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	ND
11/8/2013		TB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	ND
11/8/2013		FB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	ND
11/11/2013		FB	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	ND

Data entered by ASL. Proofed by TO. QA/QC by SH.

Table 4
Historical Water-Quality Data for Off-Site Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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 as 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.

Table 4
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Mountain View, California

Notes:

(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.
(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 for 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 limit 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 limit 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 limit 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 limit 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 detection 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 detection 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 with 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 detection 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 detection 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 detection 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 detection 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 detection 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.

Table 4
Historical Water-Quality Data for Off-Site Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Notes:

(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.
(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 decontamination 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.

Table 4
Historical Water-Quality Data for Off-Site Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Notes:

(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.
(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.

Table 4
Historical Water-Quality Data for Off-Site Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Notes:

(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.
(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.

Table 4
Historical Water-Quality Data for Off-Site Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Notes:

(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.
(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 Limit 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.

Table 4
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Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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Notes:

(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.
(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 of 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.

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Mountain View, California

Notes:

(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 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.

Table 4
Historical Water-Quality Data for Off-Site Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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Notes:

(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.
(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.
(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.

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Notes:

(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.
(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.

Table 4
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Notes:

(597) Trans-1,2-DCE at 0.0024 ppm; 1,2-DCB at an estimated concentration of 0.0011 ppm.

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Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Notes:

(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.
(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.

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Notes:

(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.
(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.

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Notes:

(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.
(808)1,1,2-Trichloro-1,2,2-Trifluoroethane at 0.0005 ppm.

Table 4
Historical Water-Quality Data for Off-Site Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Notes:

(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 estimated 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 an 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 of 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 an 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 at 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.

Table 4
Historical Water-Quality Data for Off-Site Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Notes:

(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.
(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.

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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
Duplicate	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
Duplicate	11/8/2013	(889)	<0.0017	0.2200	<0.0017	0.0009J	<0.0017	<0.0067	<0.0017	0.0068	0.2326
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
	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

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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-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
	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
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

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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	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
Duplicate	12/27/2007	(754)	0.0068	0.0025	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	0.0103
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
	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
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

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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-10	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
	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		0.00450	ND	ND	ND	ND	ND	0.00080	ND	0.0053
	11/20/2002	(569)	0.00490	ND	ND	ND	ND	ND	0.00050	ND	0.0054
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
	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

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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	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
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
	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
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
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
	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

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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	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
Duplicate	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
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
	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

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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	11/12/2009		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
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
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
	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
S18A	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

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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
S18A	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
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
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

Table 5
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Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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-1	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
	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
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

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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-3	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
	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
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

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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-5	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
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
	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

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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	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
Duplicate	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	0.365
	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
	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
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

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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-8	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
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
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

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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-10	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
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
Duplicate	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		0.001	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		0.002	0.0017	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0037
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

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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	3/14/1989		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
	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
Duplicate	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
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

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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	3/16/1988		2.0000	0.088	0.0500	ND	ND	ND	ND	ND	2.1380
	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
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							

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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-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
	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
	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

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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	11/10/2008	(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
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
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

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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	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
	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

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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-33I	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
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

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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	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
	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
	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
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

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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	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	0.01	0.1455
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
	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
Duplicate	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
PZ-2S	11/29/2012	(866)	0.0061	0.033	<0.0005	0.0004J	0.0003J	0.0073	0.0007	0.0580	0.1175
Duplicate	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
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

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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-3	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
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

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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	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
	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
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
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

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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
PZI-1	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
Duplicate	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
	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
VW-1	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
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

Table 5
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Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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	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
	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

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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
	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
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

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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	11/6/2007		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	ND
	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
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
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
	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

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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
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
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		0.005	0.0004J	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0054
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

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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
MS7I	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
	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
	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

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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	11/24/1992	(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
	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
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
PS3I	11/8/2013		0.0140	0.0003J	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	0.0143

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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
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
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
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

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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
C-2	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										
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
Duplicate	12/3/2004	(647)	0.0590	0.0250	ND	ND	ND	ND	0.0032	0.0003J	0.0919

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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	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
Duplicate	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
Duplicate	11/2/2005	(680)	0.0710	0.0250	ND	ND	ND	ND	0.0027	0.0004J	0.1067
	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
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

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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	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
	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
Duplicate	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
Duplicate	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
Duplicate	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
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
	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

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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
ES3I	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
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
	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

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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	8/14/2001	(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
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
	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

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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	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
Duplicate	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
Duplicate	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
	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
Blanks											
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
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

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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	3/27/1990		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
Blanks											
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
TB	8/24/1992		ND	ND	ND	ND	ND	ND	ND	ND	ND
Blanks											
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

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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	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
Blanks											
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
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

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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
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
Blanks											
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 ASL. QA/QC by SH.

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Notes:

J = estimated value, value below reporting limit
ND = Not detected
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.

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Notes:

(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.
(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.

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Notes:

(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.
(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.

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Notes:

(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.

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Notes:

(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.
(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.

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Notes:

(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.
(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.

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Notes:

(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 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Notes:

(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.

Notes:

(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.
(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.

Notes:

(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.
(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.

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Notes:

(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.

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Notes:

(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. 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.

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Notes:

(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.
(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.

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Notes:

(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.
(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.

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Notes:

(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 ppr
(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.

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Notes:

(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.
(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.

Table 5
Historical Water-Quality Data for On-Site and SSES Wells
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Notes:

'(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.

Table 6
Operational Information for NBES Wells
July through December 2013
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Well Number	Notes	Jul-13		Aug-13		Sep-13		Oct-13		Nov-13		Nov-13	
		Total Monthly Flow (gallons)	Average Flow Rate (gpm)	Total Monthly Flow (gallons)	Average Flow Rate (gpm)	Total Monthly Flow (gallons)	Average Flow Rate (gpm)	Total Monthly Flow (gallons)	Average Flow Rate (gpm)	Total Monthly Flow (gallons)	Average Flow Rate (gpm)	Total Monthly Flow (gallons)	Average Flow Rate (gpm)
E1	(1)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
E2	(1)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
E3	(1)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
E4	(1)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
E5	(1)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
E6	(1)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
E7	(1)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
E8		90,990	2.1	101,995	2.1	92,085	2.4	178,844	3.5	132,860	3.5	196,845	4.0
E9	(1)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
E10	(1)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
E11	(1)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
E12	(1)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
E13		568,369	13.2	614,860	12.9	488,489	12.6	767,861	15.2	420,486	11.2	563,086	11.5
E14	(1)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
E15	(1)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
E18	(1)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
E19	(1)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
System Totals:		659,359 (gallons)	15.3 (gpm)	716,855 (gallons)	15.0 (gpm)	580,574 (gallons)	15.0 (gpm)	946,705 (gallons)	18.7 (gpm)	553,346 (gallons)	14.7 (gpm)	759,931 (gallons)	15.5 (gpm)

Data entered by ASL. Data proofed by SH

Notes:

(1) Wells taken off-line on December 4, 2003 as part of implementation of the Natural Attenuation Study approved by the Regional Water Quality Control Board on November 17, 2003.

Flow rates provided by PES Environmental.
NBES = North Bayshore Extraction System
gpm = gallons per minute

Table 7
Estimated Mass of VOCs in NBES Extracted Groundwater
July through December 2013
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Well Number	VOCs (µg/l)	July (gpm)	July (lbs/mo)	August (gpm)	August (lbs/mo)	September (gpm)	September (lbs/mo)	October (gpm)	October (lbs/mo)	November (gpm)	November (lbs/mo)	December (gpm)	December (lbs/mo)
E1	449	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
E2	384.3	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
E3	316	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
E4	451.3	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
E5	318.2	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
E6	249.2	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
E7	128.4	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
E8	179.2	2.1	0.14	2.1	0.14	2.4	0.16	3.5	0.23	3.5	0.23	4.0	0.27
E9	114.9	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
E10	143.2	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
E11	104.4	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
E12	90.1	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
E13	439	13.2	2.15	12.9	2.04	12.6	2.06	15.2	2.48	11.2	1.77	11.5	1.88
E14	288.3	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
E15	26.2	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
E18	70.2	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
E19	60.9	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
Total Per Month:		15.3	2.29 (pounds)	15.0	2.17 (pounds)	15.0	2.22 (pounds)	18.7	2.71 (pounds)	14.7	1.99 (pounds)	15.5	2.14 (pounds)

Data entered by ASL. Data proofed by SH

Notes:

Formula for calculating lbs/mo:
(3.78 liters per gallon)*(1 milligram per 1,000 micrograms)*(1 gram per 1,000 milligrams)*(1 pound per 454 grams)*
(reported number of micrograms per liter as ppb)*(gpm)*(1,440 minutes per day)*(days per month) = lbs/mo

VOCs = concentration of volatile organic compounds as ppb from quarterly sampling
gpm = gallons per minute
lbs/mo = pounds per month

µg/l = micrograms per liter
NBES = North Bayshore Extraction System
Samples analyzed using EPA Method 8260.
ppb = parts per billion

Extraction well E-16 was decommissioned with Regional Water Quality Control Board approval on December 6, 2005.

Table 8
Summary of NBES Discharge Monitoring
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California
Concentrations in milligrams per liter (mg/l)

Date Sampled	Analytical Method	Notes	TCE	cis-1,2-DCE	PCE	Total VOCs	Flow Rate (gpm)	Monthly Flow (gallons)
11-Jan-90	8010	*	0.820	0.087	<0.010	0.907	109	NA
22-Jan-90	8010	*	0.520	0.092	<0.0050	0.625	180	NA
29-Jan-90	8010		0.610	0.084	<0.0050	0.694	182	3,366,000
06-Feb-90	8010		0.620	0.097	0.0060	0.723	175	NA
13-Feb-90	8010		0.610	0.098	<0.0050	0.708	265	NA
20-Feb-90	8010		0.470	0.087	0.0060	0.563	196	NA
27-Feb-90	8010		0.530	0.089	0.0070	0.626	221	6,712,500
06-Mar-90	8010		0.500	0.095	0.0080	0.603	206	NA
13-Mar-90	8010	*	0.440	0.120	0.0060	0.620	196	NA
20-Mar-90	8010	*	0.550	0.097	0.0070	0.666	219	9,532,500
17-Apr-90	8010		0.410	0.088	<0.0050	0.498	231	NA
09-May-90	8010		0.410	0.074	<0.0050	0.484	230	8,343,750
12-Jun-90	8010		0.390	0.077	0.0072	0.474	219	9,570,000
25-Jul-90	8010	*	0.350	0.078	0.0055	0.584	215	9,733,500
09-Aug-90	8010	*	0.560	0.099	0.0081	0.680	227	10,024,410
19-Sep-90	8010	*	0.390	0.076	0.0055	0.482	221	9,545,103
01-Nov-90	8010		0.430	0.074	<0.0050	0.514	219	9,538,012
28-Nov-90	8010	*	0.340	0.062	0.0074	0.423	207	9,261,404
27-Dec-90	8010		0.400	0.069	<0.0050	0.482	192	8,853,484
29-Jan-91	8010		0.360	0.071	<0.0050	0.431	220	9,540,200
25-Feb-91	8010	*	0.370	0.069	0.0067	0.456	221	8,896,166
20-Mar-91	8010		0.220	0.064	0.0081	0.292	221	9,855,802
30-Apr-91	8010		0.300	0.064	<0.0050	0.364	226	9,754,731
29-May-91	8010	*	0.450	0.074	0.0071	0.545	197	9,584,650
26-Jun-91	8010		0.340	0.071	<0.0050	0.411	212	9,147,499
27-Jul-91	8010		0.410	0.075	0.0066	0.492	204	9,147,499
29-Aug-91	8010		0.370	0.083	0.0058	0.459	234	9,147,499
25-Sep-91	8010		0.370	0.095	*<0.0500	*13.465	212	9,147,499
17-Oct-91	8010	ENS	0.450	0.072	0.0056	0.528	214	9,532,674
17-Oct-91	8010	ANA	0.330	0.084	<0.0005	0.414	214	9,532,674
26-Nov-91	8010	ENS	0.450	0.100	0.0077	0.558	216	9,316,901
26-Nov-91	8010	ANA	0.310	0.063	<0.010	0.373	216	9,316,901
26-Dec-91	8010		0.470	0.089	<0.010	0.559	195	8,690,818
29-Jan-92	8010		0.380	0.077	<0.010	0.457	196	8,729,963
27-Feb-92	8010		0.260	0.060	<0.010	0.320	186	7,768,072
17-Mar-92	8010		0.310	0.087	<0.010	0.397	175	7,809,852
21-Apr-92	8010		0.220	0.100	<0.005	0.355	174	7,526,942
19-May-92	8010		0.240	0.083	<0.005	0.323	173	7,719,477
22-Jun-92	8010		0.300	0.091	<0.010	0.391	173	7,478,285
19-Jul-92	8010		0.560	0.140	<0.010	0.700	171	7,641,739
21-Aug-92	8010		0.370	0.088	<0.010	0.458	144	6,409,129
24-Sep-92	8010		0.300	0.087	<0.010	0.387	147	6,350,797
20-Oct-92	8010		0.270	0.100	<0.005	0.370	159	7,114,437
18-Nov-92	8010		0.300	0.110	<0.005	0.410	157	6,765,044
16-Dec-92	8010		0.290	0.089	<0.010	0.379	156	6,973,558
13-Jan-93	8010		0.280	0.097	<0.005	0.377	164	7,329,003
23-Feb-93	8010		0.290	0.092	<0.005	0.382	160	7,127,121
18-Mar-93	8010	*	0.290	0.060	<0.005	0.356	173	7,710,371
13-Apr-93	8010		0.300	0.091	<0.005	0.391	153	7,367,676

Table 8
Summary of NBES Discharge Monitoring
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California
Concentrations in milligrams per liter (mg/l)

Date Sampled	Analytical Method	Notes	TCE	cis-1,2-DCE	PCE	Total VOCs	Flow Rate (gpm)	Monthly Flow (gallons)
11-May-93	8010		0.320	0.088	<0.010	0.408	116	5,854,841
11-Jun-93	8010		0.340	0.086	<0.005	0.426	158	7,828,440
12-Jul-93	8010		0.320	0.090	<0.005	0.410	170	7,591,698
24-Aug-93	8010		0.340	0.100	<0.005	0.440	151	6,746,432
13-Sep-93	8010		0.290	0.083	<0.005	0.373	140	6,041,543
10-Oct-93	8010		0.270	0.091	<0.005	0.361	120	5,344,986
24-Nov-93	8010	*	0.250	0.044	0.0063	0.308	133	5,923,547
29-Dec-93	8010		0.270	0.067	<0.005	0.337	136	5,870,226
25-Jan-94	8010		0.340	0.073	0.0075	0.439	109	4,881,180
16-Feb-94	8010		0.290	0.065	0.0069	0.381	92	4,125,534
10-Mar-94	8010		0.310	0.077	<0.010	0.418	117	5,071,604
08-Apr-94	8010		0.330	0.075	<0.010	0.405	124	5,320,784
17-May-94	8010		0.310	0.073	<0.010	0.383	150	6,731,623
14-Jun-94	8010		0.300	0.068	<0.010	0.368	208	7,210,591
14-Jul-94	8010		0.340	0.089	0.0055	0.435	151	6,946,914
16-Aug-94	8010	*	0.320	0.088	<0.005	0.431	143	6,236,862
23-Sep-94	8010	*	0.280	0.076	<0.005	0.361	140	5,787,753
31-Oct-94	8010		0.280	0.100	<0.005	0.380	136	5,999,993
16-Nov-94	8010		0.250	0.086	<0.005	0.336	166	7,235,053
15-Dec-94	8010		0.290	0.091	<0.005	0.381	174	7,751,498
24-Jan-95	8010		0.280	0.085	0.0054	0.370	188	8,579,981
14-Feb-95	8010		0.330	0.097	0.0063	0.433	188	7,336,260
17-Mar-95	8010		0.380	0.097	<0.010	0.477	159	7,082,510
14-Apr-95	8010	*	0.370	0.100	0.0056	0.481	171	7,178,192
16-May-95	8010		0.290	0.085	<0.010	0.375	172	7,440,931
21-Jun-95	8010		0.350	0.094	<0.010	0.444	202	8,440,401
12-Jul-95	8010		0.330	0.110	0.0062	0.446	201	8,671,630
15-Aug-95	8010	*	0.340	0.100	0.0062	0.446	196	8,582,225
19-Sep-95	8010		0.380	0.100	<0.010	0.480	174	6,876,366
16-Oct-95	8010	*	0.310	0.088	0.0063	0.404	177	7,390,745
15-Nov-95	8010		0.280	0.081	<0.005	0.361	181	8,008,800
21-Dec-95	8010		0.310	0.084	<0.005	0.394	157	7,031,114
22-Jan-96	8010		0.310	0.088	<0.005	0.398	196	8,408,683
14-Feb-96	8010		0.290	0.097	0.0057	0.393	191	7,557,254
18-Mar-96	8010	*	0.270	0.081	<0.005	0.364	187	7,492,793
12-Apr-96	8010		0.300	0.087	<0.005	0.387	176	7,492,793
16-May-96	8010		0.340	0.110	0.0054	0.455	182	7,547,864
17-Jun-96	8010		0.250	0.074	0.0057	0.330	190	7,920,155
24-Jul-96	8010		0.290	0.091	<0.005	0.381	183	8,091,238
16-Aug-96	8010		0.320	0.100	0.0054	0.425	182	8,065,142
27-Sep-96	8010		0.280	0.093	0.0054	0.378	174	7,398,175
21-Oct-96	8010		0.270	0.089	<0.005	0.359	168	7,666,685
19-Nov-96	8010		0.260	0.085	0.0051	0.350	168	6,910,505
23-Dec-96	8010		0.300	0.100	0.005	0.405	171	7,692,309
28-Jan-97	8021		0.300	0.110	<0.005	0.410	170	7,768,250
13-Feb-97	8021		0.320	0.120	<0.005	0.440	184	7,462,719
Mar-97**	8021		0.310	0.115	<0.005	0.425	153	6,605,246
Apr-97**	8021		0.350	0.130	0.0059	0.491	169	7,231,577
14-May-97	8021	*	0.350	0.130	0.0059	0.491	169	7,377,577

Table 8
Summary of NBES Discharge Monitoring
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California
Concentrations in milligrams per liter (mg/l)

Date Sampled	Analytical Method	Notes	TCE	cis-1,2-DCE	PCE	Total VOCs	Flow Rate (gpm)	Monthly Flow (gallons)
Jun-97**	8021		0.350	0.130	0.0059	0.491	169	7,217,932
July-97**	8010		0.330	0.110	0.005	0.445	144	6,769,717
27-Aug-97	8010		0.330	0.110	0.005	0.445	149	6,371,626
Sept-97**	8010		0.330	0.110	0.005	0.445	148	6,757,997
Oct-97**	8010		0.290	0.092	0.007	0.398	153	6,725,801
26-Nov-97	8010	*	0.290	0.092	0.007	0.398	165	6,835,954
Dec-97**	8010		0.290	0.092	0.007	0.398	165	7,425,907
Jan-98**	8010		0.340	0.093	0.004	0.441	158	7,099,810
19-Feb-98	8010		0.340	0.093	0.004	0.441	134	5,415,275
Mar-98**	8010		0.340	0.093	0.004	0.441	156	6,255,145
Apr-98**	8010		0.330	0.110	0.005	0.454	159	6,604,550
May 98**	8010		0.330	0.110	0.005	0.454	147	6,581,742
04-Jun-98	8010	*	0.330	0.110	0.005	0.454	147	6,679,490
July-98**	8260		0.702	0.169	0.013	0.895	154	6,743,160
14-Aug-98	8260	*	0.702	0.169	0.013	0.895	147	6,647,737
Sept-98**	8260		0.702	0.169	0.013	0.895	144	6,220,767
Oct-98**	8260		0.481	0.132	0.008	0.630	135	5,744,362
Nov-98**	8260		0.481	0.132	0.008	0.630	133	5,881,210
16-Dec-98	8260	*	0.481	0.132	0.008	0.630	139	6,076,707
Jan-99**	8260		0.323	0.080	0.0053	0.414	138	5,972,442
24-Feb-99	8260		0.323	0.080	0.0053	0.414	109	4,711,484
Mar-99**	8260		0.323	0.080	0.0053	0.414	134	5,988,733
Apr-99**	8260		0.322	0.074	0.0061	0.408	137	5,962,667
May 99**	8260		0.322	0.074	0.0061	0.408	139	6,200,522
02-Jun-99	8260		0.322	0.074	0.0061	0.408	153	6,783,756
July-99**	8260		0.623	0.140	0.012	0.786	147	6,787,014
11-Aug-99	8260		0.623	0.140	0.012	0.786	143	6,229,847
Sept-99**	8260		0.623	0.140	0.012	0.786	138	6,047,383
Oct-99**	8260		0.387	0.143	<0.010	0.530	135	6,008,283
Nov-99**	8260		0.387	0.143	<0.010	0.530	138	5,890,986
07-Dec-99	8260		0.387	0.143	<0.010	0.530	137	6,093,000
Jan-00**	8260		0.296	0.130	<0.010	0.426	133	5,747,620
Feb-00**	8260		0.296	0.130	<0.010	0.426	62	2,675,053
15-Mar-00	8260		0.296	0.130	<0.010	0.426	82	3,600,410
Apr-00**	8260		0.335	0.103	<0.010	0.438	142	6,151,648
11-May-00	8260		0.335	0.103	<0.010	0.438	144	6,431,858
June 00**	8260		0.335	0.103	<0.010	0.438	146	6,102,772
July-00**	8260		0.298	0.107	<0.010	0.405	144	6,431,858
30-Aug-00	8260		0.298	0.107	<0.010	0.405	143	6,503,544
Sept-00**	8260		0.298	0.107	<0.010	0.405	143	6,187,490
Oct-00**	8260	*	0.282	0.143	<0.005	0.431	133	5,787,114
Nov-00**	8260	*	0.282	0.143	<0.005	0.431	120	5,278,786
04-Dec-00	8260	*	0.282	0.143	<0.005	0.431	134	6,112,965
Jan-01**	8260		0.285	0.134	<0.005	0.419	130	5,634,372
Feb-01**	8260		0.285	0.134	<0.005	0.419	114	4,615,978
05-Mar-01	8260		0.285	0.134	<0.005	0.419	146	5,876,363
Apr-01**	8260		0.312	0.091	0.00531	0.408	136	5,881,081
15-May-01	8260		0.312	0.091	0.00531	0.408	145	6,470,700
June 01**	8260		0.312	0.091	0.00531	0.408	135	5,849,241

Table 8
Summary of NBES Discharge Monitoring
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California
Concentrations in milligrams per liter (mg/l)

Date Sampled	Analytical Method	Notes	TCE	cis-1,2-DCE	PCE	Total VOCs	Flow Rate (gpm)	Monthly Flow (gallons)
July-01**	8260		0.250	0.094	0.004	0.351	143	6,328,103
14-Aug-01	8260		0.250	0.094	0.004	0.351	149	6,615,661
Sept-01**	8260		0.250	0.094	0.004	0.351	132	5,684,544
Oct-01**	8260	*	0.220	0.110	0.0038	0.335	129	5,978,934
21-Nov-01	8260	*	0.220	0.110	0.0038	0.335	132	5,704,459
Dec-01**	8260	*	0.220	0.110	0.0038	0.335	139	5,774,055
Jan-02**	8260	*	0.270	0.110	0.0039	0.390	146	6,301,663
12-Feb-02	8260	*	0.270	0.110	0.0039	0.390	143	5,771,078
Mar-02**	8260	*	0.270	0.110	0.0039	0.390	129	5,568,731
Apr-02**	8260	*	0.250	0.088	0.0036	0.345	142	6,068,005
14-May-02	8260	*	0.250	0.088	0.0036	0.345	147	6,546,092
Jun-02**	8260	*	0.250	0.088	0.0036	0.345	141	5,936,559
Jul-02	8260	*	0.250	0.110	0.0027	0.368	142	6,258,021
12-Aug-02	8260	*	0.250	0.110	0.0027	0.368	140	6,359,344
Sept-02	8260	*	0.250	0.110	0.0027	0.368	132	6,049,648
Oct-02**	8260	*	0.350	0.110	0.0038	0.467	136	5,971,405
21-Nov-02	8260	*	0.350	0.110	0.0038	0.467	123	5,479,803
Dec-02**	8260	*	0.350	0.110	0.0038	0.467	127	5,562,525
Jan-03**	8260	*	0.230	0.099	0.0027	0.334	119	5,135,723
27-Feb-03	8260	*	0.230	0.099	0.0027	0.334	124	5,177,972
Mar-03**	8260	*	0.230	0.099	0.0027	0.334	127	5,574,760
Apr-03**	8260	*	0.220	0.110	0.0036	0.336	124	5,564,110
May-03**	8260	*	0.220	0.110	0.0036	0.336	133	5,836,274
17-Jun-03	8260	*	0.220	0.110	0.0036	0.336	127	5,552,931
Jul-03**	8260	*	0.240	0.092	0.0039	0.338	129	5,710,988
Aug-03**	8260	*	0.240	0.092	0.0039	0.338	128	5,613,285
30-Sep-03	8260	*	0.240	0.092	0.0039	0.338	107	4,820,606
Oct-03	8260	*	0.550	0.120	0.012	0.685	115	5,035,222
Nov-03	8260	*	0.550	0.120	0.012	0.685	110	4,912,310
23-Dec-03	8260	*	0.550	0.120	0.012	0.685	25	1,126,376
Jan-04	8260	*	0.550	0.120	0.016	0.690	18	805,479
Feb-04	8260	*	0.550	0.120	0.016	0.690	16	674,917
31-Mar-04	8260	*	0.550	0.120	0.016	0.690	17	777,548
Apr-04	8260	*	0.490	0.120	0.015	0.633	17	761,567
May-04	8260	*	0.490	0.120	0.015	0.633	19	794,399
June-04	8260	*	0.490	0.120	0.015	0.633	17	757,027
Jul-04	8260		0.440	0.110	0.015	0.565	16	711,687
Aug-04	8260		0.440	0.110	0.015	0.565	16	715,547
Sep-04	8260		0.440	0.110	0.015	0.565	18	761,335
Oct-04	8260		0.480	0.096	0.012	0.588	17	777,336
Nov-04	8260		0.480	0.096	0.012	0.588	18	757,999
Dec-04	8260		0.480	0.096	0.012	0.588	18	763,182
Jan-05	8260		0.182	0.106	0.009	0.300	18	820,940
Feb-05	8260		0.182	0.106	0.009	0.300	17	668,712
Mar-05	8260		0.182	0.106	0.009	0.300	18	789,672
Apr-05	8260		0.380	0.075	0.012	0.471	18	771,591
May-05	8260		0.380	0.075	0.012	0.471	18	786,457
June-05	8260		0.380	0.075	0.012	0.471	17	750,047
Jul-05	8260		0.360	0.097	0.013	0.472	17	773,117

Table 8
Summary of NBES Discharge Monitoring
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California
Concentrations in milligrams per liter (mg/l)

Date Sampled	Analytical Method	Notes	TCE	cis-1,2-DCE	PCE	Total VOCs	Flow Rate (gpm)	Monthly Flow (gallons)
Aug-05	8260		0.360	0.097	0.013	0.472	17	754,191
Sep-05	8260		0.360	0.097	0.013	0.472	17	723,574
Oct-05	8260	*	0.310	0.079	0.012	0.403	17	741,609
Nov-05	8260	*	0.310	0.079	0.012	0.403	16	688,953
Dec-05	8260	*	0.310	0.079	0.012	0.403	16	698,931
Jan-06	8260	*	0.430	0.080	0.017	0.5292	14	612,272
Feb-06	8260	*	0.430	0.080	0.017	0.5292	14	563,103
Mar-06	8260	*	0.430	0.080	0.017	0.5292	14	611,441
Apr-06	8260	*	0.470	0.077	0.017	0.5755	12	531,602
May-06	8260	*	0.470	0.077	0.017	0.5755	14	644,886
Jun-06	8260	*	0.470	0.077	0.017	0.5755	21	912,045
Jul-06	8260	*	0.290	0.120	0.0087	0.4208	19	860,132
Aug-06	8260	*	0.290	0.120	0.0087	0.4208	24	1,057,910
Sep-06	8260	*	0.290	0.120	0.0087	0.4208	21	917,892
Oct-06	8260	*	0.270	0.099	0.0094	0.3934	23	886,638
Nov-06	8260	*	0.270	0.099	0.0094	0.3934	21	797,954
Dec-06	8260	*	0.270	0.099	0.0094	0.3934	28	1,068,250
Jan-07	8260	*	0.330	0.097	0.0140	0.4483	19	776,267
Feb-07	8260	*	0.330	0.097	0.0140	0.4483	19	718,590
Mar-07	8260	*	0.330	0.097	0.0140	0.4483	20	990,167
Apr-07	8260	*	0.340	0.100	0.015	0.4659	17	814,861
May-07	8260	*	0.340	0.100	0.015	0.4659	18	692,667
Jun-07	8260	*	0.340	0.100	0.015	0.4659	18	733,422
Jul-07	8260	*	0.330	0.097	0.017	0.4567	18	880,914
Aug-07	8260	*	0.330	0.097	0.017	0.4567	18	676,842
Sep-07	8260	*	0.330	0.097	0.017	0.4567	18	779,557
Oct-07	8260	*	0.350	0.110	0.012	0.4762	18	875,540
Nov-07	8260	*	0.350	0.110	0.012	0.4762	18	670,441
Dec-07	8260	*	0.350	0.110	0.012	0.4762	17	747,997
Jan-08	8260	*	0.330	0.097	0.014	0.4431	17	746,278
Feb-08	8260	*	0.330	0.097	0.014	0.4431	16	677,958
Mar-08	8260	*	0.330	0.097	0.014	0.4431	16	674,264
Apr-08	8260	*	0.370	0.110	0.013	0.4967	16	681,583
May-08	8260	*	0.370	0.110	0.013	0.4967	11	551,272
Jun-08	8260	*	0.370	0.110	0.013	0.4967	15	637,172
Jul-08	8260	*	0.370	0.110	0.015	0.4977	18	821,387
Aug-08	8260	*	0.370	0.110	0.015	0.4977	17	686,517
Sep-08	8260	*	0.370	0.110	0.015	0.4977	18	790,559
Oct-08	8260	*	0.390	0.110	0.012	0.5167	18	817,637
Nov-08	8260	*	0.390	0.110	0.012	0.5167	13	493,643
Dec-08	8260	*	0.390	0.110	0.012	0.5167	12	616,274
Jan-09	8260	*	0.300	0.094	0.012	0.4092	17	716,818
Feb-09	8260	*	0.300	0.094	0.012	0.4092	11	508,696
Mar-09	8260	*	0.300	0.094	0.012	0.4092	13	562,367
Apr-09	8260	*	0.330	0.099	0.011	0.4420	25	928,617
May-09	8260	*	0.330	0.099	0.011	0.4420	12	506,391
Jun-09	8260	*	0.330	0.099	0.011	0.4420	12	563,359
Jul-09	8260	*	0.330	0.096	0.012	0.4410	17	734,702
Aug-09	8260	*	0.330	0.096	0.012	0.4410	17	676,106
Sep-09	8260	*	0.330	0.096	0.012	0.4410	17	784,321
Oct-09	8260	*	0.360	0.089	0.016	0.4681	15	628,178

Table 8
Summary of NBES Discharge Monitoring
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California
Concentrations in milligrams per liter (mg/l)

Date Sampled	Analytical Method	Notes	TCE	cis-1,2-DCE	PCE	Total VOCs	Flow Rate (gpm)	Monthly Flow (gallons)
Nov-09	8260	*	0.360	0.089	0.016	0.4681	15	667,528
Dec-09	8260	*	0.360	0.089	0.016	0.4681	18	808,324
Jan-10	8260	*	0.230	0.096	0.0067	0.3344	11	443,848
Feb-10	8260	*	0.230	0.096	0.0067	0.3344	18	787,845
Mar-10	8260	*	0.230	0.096	0.0067	0.3344	19	887,050
Apr-10	8260	*	0.340	0.100	0.010	0.4532	20	901,757
May-10	8260	*	0.340	0.100	0.010	0.4532	20	926,027
Jun-10	8260	*	0.340	0.100	0.010	0.4532	20	756,334
Jul-10	8260	*	0.300	0.130	0.0095	0.4451	21	1,006,303
Aug-10	8260	*	0.300	0.130	0.0095	0.4451	20	795,973
Sep-10	8260	*	0.300	0.130	0.0095	0.4451	19	907,673
Oct-10	8260	*	0.250	0.086	0.0091	0.3476	18	778,903
Nov-10	8260	*	0.250	0.086	0.0091	0.3476	17	643,468
Dec-10	8260	*	0.250	0.086	0.0091	0.3476	14	669,183
Jan-11	8260	*	0.310	0.110	0.0100	0.4325	12	559,478
Feb-11	8260	*	0.310	0.110	0.0100	0.4325	12	496,541
Mar-11	8260	*	0.310	0.110	0.0100	0.4325	10	421,004
Apr-11	8260	*	0.260	0.130	0.0064	0.4022	14	580,420
May-11	8260	*	0.260	0.130	0.0064	0.4022	15	727,322
Jun-11	8260	*	0.260	0.130	0.0064	0.4022	21	796,831
Sep-11	8260	*	0.160	0.170	0.0011J	0.3376	24	975,130
Nov-11	8260	*	0.150	0.160	0.0012J	0.3171	13	565,921
Jan-12	8260	*	0.130	0.130	0.0009J	0.2673	18	741,435
Feb-12	8260	*	0.130	0.130	0.0009J	0.2673	18	884,840
Mar-12	8260	*	0.130	0.130	0.0009J	0.2673	15	628,374
Apr-12	8260	*	0.200	0.096	0.005	0.3039	16	627,583
May-12	8260	*	0.200	0.096	0.005	0.3039	17	841,280
Jun-12	8260	*	0.200	0.096	0.005	0.3039	21	842,642
Jul-12	8260	*	0.220	0.100	0.0086	0.333	19	945,271
Aug-12	8260	*	0.220	0.100	0.0086	0.333	27	1,076,421
Sep-12	8260	*	0.220	0.100	0.0086	0.333	25	1,040,824
Oct-12	8260	*	0.290	0.110	0.0097	0.4196	22	1,188,001
Nov-12	8260	*	0.290	0.110	0.0097	0.4196	24	989,635
Dec-12	8260	*	0.290	0.110	0.0097	0.4196	22	950,231
Jan-13	8260	*	0.310	0.120	0.014	0.4491	18	798,759
Feb-13	8260	*	0.310	0.120	0.014	0.4491	16	679,448
Mar-13	8260	*	0.310	0.120	0.014	0.4491	16	655,314
Apr-13	8260	*	0.310	0.071	0.018	0.4118	16	822,705
May-13	8260	*	0.310	0.071	0.018	0.4118	17	669,239
Jun-13	8260	*	0.310	0.071	0.018	0.4118	16	679,870
Sep-13	8260	*	0.280	0.097	0.011	0.3902	15	580,574
Nov-13	8260	*	0.330	0.075	0.018	0.4246	15	553,346

Data entered by ASL. Data proofed by SH.

Table 8
Summary of NBES Discharge Monitoring
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California
Concentrations in milligrams per liter (mg/l)

Notes:

Samples from December 1992 through May 1997 analyzed by Anametrix Laboratory of San Jose, California.
Split samples from October and November 1991 analyzed by Enseco (ENS) or Anametrix (ANA) as indicated.
Samples from August 1997 through May 1998 analyzed by American Environmental Network of Pleasant Hill, California.
Samples from June 1998 through June 2001 analyzed by K Prime, Inc., of Santa Rosa, California.
Samples from 2002 through current quarter analyzed by Curtis & Tompkins, Ltd., of Berkeley, California.

TCE = trichloroethene
DCE = dichloroethene
PCE = tetrachloroethene
J = estimated concentration
VOCs = volatile organic compounds
gpm = gallons per minute
ppm = parts per million
NA = not available
** = analytical results are from quarterly sampling

* = See following notes:

11-Jan-90	Methylene chloride detected at 0.0009 ppm.
22-Jan-90	1,2-DCA detected at 0.013 ppm.
13-Mar-90	Trans-1,3-dichloropropene detected at 0.016 ppm. cis-1,3-dichloropropene detected at 0.025 ppm. 1,1,2-TCA detected at 0.013 ppm.
20-Mar-90	1,2-DCA detected at 0.012 ppm.
25-Jul-90	1,1,1-TCA detected at 0.00076 ppm. Freon 113 detected at 0.0071 ppm. Chloroform detected at 0.00077 ppm.
9-Aug-90	1,1-DCE detected at 0.0011 ppm. 1,1-DCA detected at 0.00076 ppm. 1,1,1-TCA detected at 0.012 ppm. Freon 113 detected at 0.0098 ppm.
19-Sep-90	Freon 113 detected at 0.010 ppm.
28-Nov-90	1,1-DCE detected at 0.00093 ppm. 1,1-DCA detected at 0.00063 ppm. Freon 113 detected at 0.011 ppm. 1,1,1-TCA detected at 0.00069 ppm.
25-Feb-91	1,1-DCE detected at 0.00011 ppm. 1,1-DCA detected at 0.00078 ppm. Freon 113 detected at 0.0093 ppm. 1,1,1-TCA detected at 0.00064 ppm.
29-May-91	1,1-DCE detected at 0.00016 ppm. 1,1-DCA detected at 0.00074 ppm. Chloroform detected at 0.00062 ppm. Freon 113 detected at 0.0010 ppm. 1,1,1-TCA detected at 0.00051 ppm.
24-Jul-91	Freon 113 detected at 0.0059 ppm.
29-Aug-91	Freon 113 detected at 0.0078 ppm.
25-Sep-91	Detection limit of 0.0500 ppm as a result of reported detection of 13 ppm of Freon 113.
25-Sep-91	Freon 113 detected at 13.000 ppm; anomalous detection not supported by historical data or subsequent split samples analyzed by two laboratories, Enseco and Anametrix, for samples collected on October 17, 1991.
21-Apr-92	Methylene chloride detected at 0.035 ppm.
18-Mar-93	Freon 113 detected at 0.0059 ppm.
24-Nov-93	1,2-Dichlorobenzene detected at 0.0076 ppm.
16-Aug-94	Methylene chloride detected at 0.018 ppm and Freon 113 at 0.0052 ppm.
23-Sep-94	Freon 113 detected at 0.0051 ppm.
14-Apr-95	Freon 113 detected at 0.005 ppm.
15-Aug-95	Freon 113 detected at 0.0055 ppm.
16-Oct-95	Freon 113 detected at 0.0053 ppm.
18-Mar-96	Methylene chloride detected at 0.013 ppm.
14-May-97	Freon 113 detected at 0.0053 ppm.
26-Nov-97	Freon 113 detected at 0.006 ppm; trans-1,2-DCE detected at 0.003 ppm.
19-Feb-98	Freon 113 detected at 0.004 ppm.
4-Jun-98	Freon 113 detected at 0.005 ppm; trans-1,2-DCE detected at 0.004 ppm.
14-Aug-98	Freon 113 detected at 0.011 ppm.
16-Dec-98	Freon 113 detected at 0.0083 ppm.
24-Feb-99	Freon 113 detected at 0.0056 ppm.
2-Jun-99	Freon 113 detected at 0.0061 ppm.
4-Dec-00	Freon 113 detected at 0.005 ppm; Toluene detected at 0.0005 ppm.
14-Aug-01	Trans-1,2-DCE detected at 0.0034 ppm.

Table 8
Summary of NBES Discharge Monitoring
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California
Concentrations in milligrams per liter (mg/l)

Notes:

21-Nov-01	1,2-Dichlorobenzene detected at 0.001 ppm.
12-Feb-02	Trans-1,2-DCE detected at 0.002 ppm.
14-May-02	Trans-1,2-DCE detected at 0.0037 ppm.
9-Aug-02	Trans-1,2-DCE detected at 0.0049 ppm.
13-Nov-02	Trans-1,2-DCE detected at 0.0019 ppm; vinyl chloride detected at 0.0008 ppm. 1,1-DCE and 1,2-DCB detected below the reporting limit of 0.0007 ppm.
27-Feb-03	Trans-1,2-DCE detected at 0.0018 ppm. 1,1-DCE and 1,2-DCE detected below the reporting limit of 0.0008 ppm. Freon 113 detected below the reporting limit of 0.0083 ppm.
17-Jun-03	Trans-1,2-DCE detected at 0.0026 ppm; vinyl chloride, 1,1-DCE, and 1,2-DCB detected below the reporting limit of 0.0007 ppm.
30-Sep-03	Trans-1,2-DCE detected at 0.002 ppm; vinyl chloride, 1,1-DCE, and 1,2-DCB detected below the reporting limit of 0.0007 ppm.
23-Dec-03	Trans-1,2-DCE detected at 0.0026 ppm.
23-Dec-03	Concentration of VOCs is greater this quarter because sample was collected after the shutdown of the majority of the wells, and the remaining flow is from two wells with higher concentrations than the system. as monitored prior to shutdown.
31-Mar-04	Trans-1,2-DCE detected at 0.0023 ppm; vinyl chloride detected at 0.0009 ppm; 1,1-DCE detected at 0.0008 ppm. Freon 113 detected below the reporting limit of 0.0071 ppm. 1,2-DCA detected below the reporting limit of 0.0007 ppm.
30-Jun-04	Freon 113 detected at 0.0075 ppm.
2-Nov-05	Trans-1,2-DCE detected at 0.0020 ppm.
15-Mar-06	Trans-1,2-DCE detected below the reporting limit of 0.0031 ppm.
22-May-06	Trans-1,2-DCE detected at 0.0032; Freon 113 was detected below the reporting limit of 0.013 ppm.
19-Sep-06	Trans-1,2-DCE detected at an estimated concentration of 0.0021 ppm.
7-Dec-06	Trans-1,2-DCE detected at an estimated concentration of 0.0020 ppm; Freon 113 detected at an estimated concentration of 0.013 ppm.
30-Mar-07	Trans-1,2-DCE detected at 0.0033 ppm; vinyl chloride detected at an estimated concentration of 0.0010J ppm; bromomethane detected at an estimated concentration of 0.0020 ppm; 1,1-DCE detected at an estimated concentration of 0.0010 ppm.
22-May-07	Trans-1,2-DCE detected at 0.0027 ppm; vinyl chloride detected at an estimated concentration of 0.0007 ppm; acetone detected at an estimated concentration of 0.0075 ppm.
27-Sep-07	Vinyl Chloride detected at 0.0009 ppm; Freon 113 detected at 0.0077 ppm; 1,1-DCE detected at 0.0007 ppm; MTBE detected at an estimated concentration of 0.0003 ppm; trans-1,2-DCE at 0.0024 ppm; 1,1-DCA detected at an estimated concentration of 0.0003; 1,2-DCA detected at an estimated concentration of 0.0004 ppm.
2-Nov-07	Vinyl Chloride detected at an estimated concentration of 0.0012 ppm; MTBE detected at 0.0030 ppm.
27-Mar-08	Trans-1,2-DCE at 0.0021 ppm.
12-Jun-08	Trans-1,2-DCE at 0.0037 ppm.
24-Sep-08	Trans-1,2-DCE detected at an estimated concentration of 0.0027 ppm.
4-Nov-08	Trans-1,2-DCE at 0.0047 ppm.
17-Mar-09	Trans-1,2-DCE at 0.0032 ppm.
13-May-09	Trans-1,2-DCE at 0.0020 ppm.
16-Sep-09	Trans-1,2-DCE was detected at an estimated concentration of 0.0030 ppm.
13-Nov-09	Trans-1,2-DCE at 0.0031 ppm.
26-Mar-10	Trans-1,2-DCE was detected at an estimated concentration of 0.0017 ppm.
27-May-10	Vinyl Chloride detected at an estimated concentration of 0.0009 ppm; trans-1,2-DCE detected at 0.0023 ppm.
28-Sep-10	Vinyl Choride detected at an estimated concentration of 0.0013 ppm; trans-1,2-DCE detected at 0.0032 ppm; chloroform detected at an estimated concentration of 0.0011 ppm.
17-Dec-10	Trans-1,2-DCE at 0.0025 ppm.
16-Mar-11	Trans-1,2-DCE at 0.0025 ppm.
28-Jun-11	Vinyl Chloride was detected at an estimated concentration of 0.0016 ppm; trans-1,2-DCE was detected at 0.0042 ppm.
22-Sep-11	Vinyl Chloride was detected at 0.0023 ppm; 1,1-DCE was detected at an estimated concentration of 0.0010 ppm; trans-1,2-DCE was detected at 0.0032 ppm.
18-Nov-11	Vinyl Chloride was detected at 0.0018 ppm; 1,1-DCE was detected at an estimated concentration of 0.0010 ppm; trans-1,2-DCE was detected at 0.0031 ppm.
22-Feb-12	Vinyl Chloride was detected at 0.0014 ppm; 1,1-DCE was detected at an estimated concentration of 0.0009 ppm; trans-1,2-DCE was detected at 0.0041 ppm.

Table 8
Summary of NBES Discharge Monitoring
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California
Concentrations in milligrams per liter (mg/l)

Notes:

29-Jun-12	Vinyl Chloride was detected at an estimated concentration of 0.0008 ppm; trans-1,2-DCE was detected at 0.0021 ppm.
21-Sep-12	Vinyl Chloride was detected at an estimated concentration of 0.0011 ppm; trans-1,2-DCE was detected at 0.0033 ppm.
30-Nov-12	Vinyl Chloride was detected at an estimated concentration of 0.0011 ppm; Freon 113 was detected at an estimated concentration of 0.0055 ppm; trans-1,2-DCE was detected at 0.0033 ppm.
21-Mar-13	Vinyl Chloride was detected at 0.0023 ppm; trans-1,2-DCE was detected at 0.0028 ppm.
6-Jun-13	Freon 113 was detected at 0.0086 ppm; trans-1,2-DCE was detected at 0.0022 ppm; vinyl chloride was detected at an estimated concentration of 0.0006 ppm; 1,1-DCE was detected at an estimated concentration of 0.0007 ppm; 1,2-DCA was detected at an estimated concentration of 0.0007 ppm.
27-Sep-13	trans-1,2-DCE was detected at an estimated concentration of 0.0022 ppm.
7-Nov-13	trans-1,2-DCE was detected at an estimated concentration of 0.0016 ppm.

Table 9
Historical Summary of NBES Quarterly Discharge Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Quarterly Time Period	Average Quarterly Flow Rate (gpm)	Average VOC Concentration Data (in mg/l)			Estimated VOC Mass Removed (in pounds)			Estimated Total Mass Removed Since Start-Up* (pounds)
		TCE	cis-1,2-DCE	Total VOCs	TCE	cis-1,2-DCE	Total VOCs	
Jan, Feb, Mar 1990	207	0.563	0.090	0.662	126.03	20.14	148.10	148.10
Apr, May, Jun 1990	227	0.403	0.080	0.485	99.75	19.70	120.02	268.13
Jul, Aug, Sep 1990	221	0.433	0.084	0.582	105.63	20.56	141.87	410.00
Oct, Nov, Dec 1990	206	0.390	0.068	0.473	88.62	15.53	107.48	517.48
Jan, Feb, Mar 1991	221	0.317	0.068	0.393	75.40	16.19	93.58	611.06
Apr, May, Jun 1991	212	0.363	0.070	0.440	83.91	16.09	101.61	712.67
Jul, Aug, Sep 1991	217	0.383	0.084	0.470	91.61	20.15	112.32	824.99
Oct, Nov, Dec 1991	208	0.402	0.082	0.486	92.38	18.75	111.77	936.77
Jan, Feb, Mar 1992	186	0.317	0.075	0.391	63.44	14.96	78.40	1,015.17
Apr, May, Jun 1992	173	0.253	0.091	0.356	47.91	17.27	67.39	1,082.55
Jul, Aug, Sep 1992	158	0.410	0.105	0.515	71.45	18.30	89.75	1,172.31
Oct, Nov, Dec 1992	157	0.287	0.010	0.386	49.70	1.73	66.85	1,239.15
Jan, Feb, Mar 1993	154	0.287	0.083	0.372	47.69	13.79	61.82	1,300.97
Apr, May, Jun 1993	142	0.320	0.088	0.408	49.69	13.72	63.41	1,364.38
Jul, Aug, Sep 1993	144	0.317	0.091	0.408	50.44	14.50	64.94	1,429.32
Oct, Nov, Dec 1993	121	0.263	0.067	0.335	35.28	9.02	44.92	1,474.24
Jan, Feb, Mar 1994	109	0.313	0.072	0.413	36.73	8.40	48.37	1,522.61
Apr, May, Jun 1994	149	0.313	0.072	0.413	50.88	11.70	67.14	1,589.75
Jul, Aug, Sep 1994	145	0.313	0.084	0.408	50.05	13.47	65.11	1,654.86
Oct, Nov, Dec 1994	159	0.186	0.065	0.251	32.60	11.37	43.97	1,698.83
Jan, Feb, Mar 1995	178	0.330	0.093	0.427	63.50	17.90	82.10	1,780.93
Apr, May, Jun 1995	182	0.337	0.093	0.433	66.79	18.45	85.97	1,866.90
Jul, Aug, Sep 1995	190	0.350	0.103	0.457	73.35	21.66	95.78	1,962.68
Oct, Nov, Dec 1995	172	0.300	0.084	0.386	56.78	15.90	73.06	2,035.74
Jan, Feb, Mar 1996	192	0.290	0.089	0.381	59.95	18.33	78.69	2,114.43
Apr, May, Jun 1996	183	0.297	0.090	0.391	59.23	18.04	78.00	2,192.43
Jul, Aug, Sep 1996	180	0.297	0.095	0.395	58.97	18.86	78.43	2,270.85
Oct, Nov, Dec 1996	169	0.277	0.091	0.362	51.64	16.96	67.48	2,338.33
Jan, Feb, Mar 1997	169	0.310	0.115	0.425	56.53	20.97	77.50	2,415.84
Apr, May, Jun 1997	169	0.350	0.130	0.491	64.53	23.97	90.53	2,506.37

Table 9
Historical Summary of NBES Quarterly Discharge Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Quarterly Time Period	Average Quarterly Flow Rate (gpm)	Average VOC Concentration Data (in mg/l)			Estimated VOC Mass Removed (in pounds)			Estimated Total Mass Removed Since Start-Up* (pounds)
		TCE	cis-1,2-DCE	Total VOCs	TCE	cis-1,2-DCE	Total VOCs	
Jul, Aug, Sep 1997	147	0.330	0.110	0.445	53.51	17.84	72.15	2,578.52
Oct, Nov, Dec 1997	161	0.290	0.092	0.398	51.49	16.33	70.67	2,649.19
Jan, Feb, Mar 1998	150	0.340	0.093	0.441	55.03	15.05	71.38	2,720.57
Apr, May, Jun 1998	151	0.330	0.110	0.454	54.37	18.12	74.80	2,795.36
Jul, Aug, Sep 1998	148	0.702	0.169	0.895	114.60	27.59	146.11	2,941.47
Oct, Nov, Dec 1998	135	0.481	0.132	0.630	73.18	20.08	95.85	3,037.32
Jan, Feb, Mar 1999	127	0.323	0.080	0.414	44.26	10.94	56.73	3,094.06
Apr, May, Jun 1999	143	0.322	0.074	0.408	50.24	11.48	63.66	3,157.71
Jul, Aug, Sep 1999	143	0.623	0.140	0.786	98.27	22.08	123.98	3,281.69
Oct, Nov, Dec 1999	136	0.387	0.143	0.530	58.05	21.45	79.51	3,361.20
Jan, Feb, Mar 2000	92	0.296	0.130	0.426	29.71	13.05	42.76	3,403.96
Apr, May, Jun 2000	144	0.335	0.103	0.438	52.63	16.18	68.81	3,472.77
Jul, Aug, Sept 2000	143	0.298	0.107	0.405	47.00	16.88	63.88	3,536.65
Oct, Nov, Dec 2000	129	0.282	0.143	0.431	40.13	20.35	61.33	3,597.98
Jan, Feb, Mar 2001	130	0.285	0.134	0.419	40.87	18.80	58.78	3,656.76
Apr, May, Jun 2001	139	0.312	0.091	0.408	47.32	13.72	61.87	3,718.63
Jul, Aug, Sep 2001	141	0.250	0.094	0.351	38.46	14.46	54.59	3,773.22
Oct, Nov, Dec 2001	133	0.220	0.110	0.335	32.27	16.14	49.15	3,822.37
Jan, Feb, Mar 2002	139	0.270	0.110	0.390	41.85	17.05	60.45	3,882.81
Apr, May, Jun 2002	143	0.250	0.088	0.345	38.58	13.58	53.23	3,936.05
Jul, Aug, Sep 2002	138	0.250	0.110	0.368	38.05	16.74	56.02	3,992.06
Oct, Nov, Dec 2002	129	0.350	0.110	0.467	49.80	15.65	66.45	4,058.51
Jan, Feb, Mar 2003	123	0.230	0.099	0.334	30.53	13.14	44.33	4,102.84
Apr, May, Jun 2003	128	0.220	0.110	0.336	30.72	15.36	46.92	4,149.76
Jul, Aug, Sep 2003	121	0.240	0.092	0.338	32.03	12.28	45.11	4,194.88
Oct, Nov, Dec 2003**	83	0.550	0.120	0.685	50.60	11.04	63.01	4,257.89

Table 9
Historical Summary of NBES Quarterly Discharge Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Quarterly Time Period	Average Quarterly Flow Rate (gpm)	Average VOC Concentration Data (in mg/l)			Estimated VOC Mass Removed (in pounds)			Estimated Total Mass Removed Since Start-Up* (pounds)
		TCE	cis-1,2-DCE	Total VOCs	TCE	cis-1,2-DCE	Total VOCs	
Jan, Feb, Mar 2004	17	0.550	0.120	0.690	10.20	2.23	12.80	4,270.69
Apr, May, Jun 2004	18	0.490	0.120	0.633	9.73	2.38	12.57	4,283.26
Jul, Aug, Sep 2004	17	0.440	0.110	0.565	8.25	2.06	10.59	4,293.85
Oct, Nov, Dec 2004	18	0.480	0.096	0.588	9.49	1.90	11.63	4,305.48
Jan, Feb, Mar 2005	18	0.201	0.113	0.327	3.88	2.18	6.31	4,311.79
Apr, May, Jun 2005	18	0.380	0.075	0.471	7.39	1.46	9.16	4,320.96
Jul, Aug, Sep 2005	17	0.360	0.097	0.472	6.75	1.82	8.85	4,329.81
Oct, Nov, Dec 2005	16	0.310	0.079	0.403	5.51	1.40	7.16	4,336.97
Jan, Feb, Mar 2006	14	0.430	0.080	0.529	6.55	1.22	8.06	4,345.02
Apr, May, Jun 2006	16	0.470	0.077	0.576	8.29	1.36	10.16	4,355.18
Jul, Aug, Sep 2006	21	0.290	0.120	0.421	6.78	2.81	9.84	4,365.02
Oct, Nov, Dec 2006	24	0.270	0.099	0.393	7.03	2.58	10.24	4,375.26
Jan, Feb, Mar 2007	19	0.330	0.097	0.448	6.95	2.04	9.44	4,384.70
Apr, May, Jun 2007	17	0.340	0.100	0.466	6.49	1.91	8.89	4,393.59
Jul, Aug, Sept 2007	18	0.330	0.097	0.457	6.52	1.92	9.02	4,402.61
Oct, Nov, Dec 2007	18	0.350	0.110	0.476	6.83	2.15	9.30	4,411.91
Jan, Feb, Mar 2008	16	0.330	0.097	0.443	5.93	1.74	7.97	4,419.88
Apr, May, Jun 2008	14	0.370	0.110	0.497	5.75	1.71	7.73	4,427.60
Jul, Aug, Sept 2008	18	0.370	0.110	0.498	7.14	2.12	9.61	4,437.21
Oct, Nov, Dec 2008	14	0.390	0.110	0.517	6.15	1.74	8.15	4,445.36
Jan, Feb, Mar 2009	13	0.300	0.094	0.409	4.43	1.39	6.05	4,451.41
Apr, May, Jun 2009	16	0.330	0.099	0.442	5.90	1.77	7.90	4,459.30
July, Aug, Sept 2009	17	0.330	0.096	0.441	6.04	1.76	8.07	4,467.38
Oct, Nov, Dec 2009	16	0.360	0.089	0.468	6.35	1.57	8.26	4,475.64
Jan, Feb, Mar 2010	16	0.230	0.096	0.3344	4.08	1.70	5.94	4,481.58
Apr, May, Jun 2010	20	0.340	0.100	0.4532	7.46	2.20	9.95	4,491.53
Jul, Aug, Sept 2010	20	0.300	0.130	0.4451	6.55	2.84	9.72	4,501.25

Table 9
Historical Summary of NBES Quarterly Discharge Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Quarterly Time Period	Average Quarterly Flow Rate (gpm)	Average VOC Concentration Data (in mg/l)			Estimated VOC Mass Removed (in pounds)			Estimated Total Mass Removed Since Start-Up* (pounds)
		TCE	cis-1,2-DCE	Total VOCs	TCE	cis-1,2-DCE	Total VOCs	
Oct, Nov, Dec 2010	16	0.250	0.086	0.3476	4.44	1.53	6.17	4,507.42
Jan, Feb, Mar 2011	11	0.310	0.110	0.4325	3.83	1.36	5.34	4,512.76
Apr, May, Jun 2011	17	0.260	0.130	0.4022	4.82	2.41	7.45	4,520.22
Jul, Aug, Sep 2011	25	0.160	0.170	0.3376	4.48	4.76	9.44	4,529.66
Oct, Nov, Dec 2011	11	0.150	0.160	0.3171	1.74	1.85	3.67	4,533.33
Jan, Feb, Mar 2012	17	0.130	0.130	0.2673	2.45	2.45	5.04	4,538.37
Apr, May, Jun 2012	18	0.200	0.096	0.3039	3.95	1.90	6.00	4,544.37
Jul, Aug, Sep 2012	24	0.220	0.100	0.333	5.78	2.63	8.74	4,553.12
Oct, Nov, Dec 2012	23	0.290	0.110	0.4196	7.23	2.74	10.46	4,563.58
Jan, Feb, Mar 2013	17	0.310	0.120	0.4491	5.81	2.25	8.42	4,572.00
Apr, May, Jun 2013	16	0.310	0.120	0.4118	5.47	2.12	7.27	4,579.27
Jul, Aug, Sep 2013	15	0.280	0.097	0.3902	4.66	1.62	6.50	4,585.76
Oct, Nov, Dec 2013	16	0.330	0.075	0.4246	5.75	1.31	7.40	4,593.16

Data entered by ASL. Proofed by SH

Notes:
* cumulative

**Concentration of VOCs is greater this quarter because sample was collected after the shutdown of the majority of the wells, and the remaining flow is from two wells with higher concentrations than the system as monitored prior to shutdown.

Average VOC Concentration Data reported per quarter in parts per million (ppm).
Average VOC Mass Removed Data reported per quarter in pounds.
Average Quarterly Flow Rate Data reported in gallons per minute (gpm).

NBES = North Bayshore Extraction System
mg/l = milligrams per liter
VOC = volatile organic compound
TCE = trichloroethene
cis-1,2-DCE = cis-1,2-dichloroethene

Table 10
Operational Information for SSES Wells
July through December 2013
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Well Number	Notes	Jul-13		Aug-13		Sep-13		Oct-13		Nov-13		Dec-13	
		Total Monthly Flow (gallons)	Average Flow Rate (gpm)	Total Monthly Flow (gallons)	Average Flow Rate (gpm)	Total Monthly Flow (gallons)	Average Flow Rate (gpm)	Total Monthly Flow (gallons)	Average Flow Rate (gpm)	Total Monthly Flow (gallons)	Average Flow Rate (gpm)	Total Monthly Flow (gallons)	Average Flow Rate (gpm)
ES1S		461,396	10.7	510,238	10.7	414,410	10.7	542,090	10.8	402,729	10.8	568,758	11.6
ES2S		73,440	1.7	99,792	2.1	69,984	1.8	100,800	2.0	71,136	1.9	88,128	1.8
ES3I		349,246	8.1	394,671	8.3	325,542	8.4	424,228	8.4	322,088	8.6	465,357	9.5
ES4I		398,393	9.2	437,958	9.2	354,286	9.1	463,385	9.2	339,194	9.1	489,546	10.0
ES5S		119,745	2.8	240,552	5.1	512,587	13.2	506,286	10.0	197,080	5.3	527,972	10.8
System Totals:		1,402,220 (gallons)	32.5 (gpm)	1,683,211 (gallons)	35.4 (gpm)	1,676,809 (gallons)	43.2 (gpm)	2,036,789 (gallons)	40.4 (gpm)	1,332,227 (gallons)	35.7 (gpm)	2,139,761 (gallons)	43.7 (gpm)

Data entered by ASL. Proofed by SH.

Notes:

Flow rates provided by PES Environmental, Inc.; the flow from the Spring Street wells was calculated based on hourly readings downloaded from a datalogger.
SSES = Spring Street Extraction System
gpm = gallons per minute

Table 11
Estimated Mass of VOCs in SSES Extracted Groundwater
July through December 2013
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Well Number	VOCs as ppb	July gpm	July lbs/month	August gpm	August lbs/month	September gpm	September lbs/month	October gpm	October lbs/month	November gpm	November lbs/month	December gpm	December lbs/month
ES1S	65.3	10.7	0.26	10.7	0.25	10.7	0.26	10.8	0.26	10.8	0.25	11.6	0.28
ES2S	54.4	1.7	0.03	2.1	0.04	1.8	0.04	2.0	0.04	1.9	0.04	1.8	0.04
ES3I	171.2	8.1	0.52	8.3	0.51	8.4	0.53	8.4	0.53	8.6	0.53	9.5	0.60
ES4I	223.4	9.2	0.76	9.2	0.74	9.1	0.76	9.2	0.76	9.1	0.73	10.0	0.83
ES5S	166.1	2.8	0.17	5.1	0.30	13.2	0.81	10.0	0.62	5.3	0.32	10.8	0.67
Total Per Month:		32.5 (gpm)	1.75 (pounds)	35.4 (gpm)	1.85 (pounds)	43.2 (gpm)	2.40 (pounds)	40.4 (gpm)	2.22 (pounds)	35.7 (gpm)	1.87 (pounds)	43.7 (gpm)	2.42 (pounds)

Data entered by ASL. Data proofed by SH

Notes:

Formula for calculating lbs/month:
(3.78 liters per gallon)*(1 milligram per 1,000 micrograms)*(1 gram per 1,000 milligrams)*(1 pound per 454 grams)
(reported number of micrograms per liter as ppb)(gpm)*(1,440 minutes per day)*(days per month) = lbs/month

SSES = Spring Street Extraction System
VOCs = concentration of volatile organic compounds as ppb from quarterly sampling results
lbs = pounds
gpm = gallons per minute
ppb = parts per billion
Samples analyzed using EPA Method 8260.

Table 12
Summary of SSES Discharge Monitoring
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California
Concentrations in milligrams per liter (mg/l)

Date Sampled	Notes	Analytical Method	TCE	cis-1,2-DCE	PCE	Freon 113	Other	Total VOCs	Flow Rate (gpm)	Monthly Flow (gallons)
28-Aug-91	*	8010/8020	0.460	0.034	0.019	0.030	0.0760	0.589	52.4	1,880,946
25-Sep-91	*	8010/8020	0.600	0.038	0.018	0.061	<0.020	0.669	50.6	2,182,069
29-Oct-91		8010/8020	0.650	0.041	<0.025	<0.025	<0.020	0.691	44.3	1,976,572
25-Nov-91		8010/8020	0.520	0.041	<0.010	<0.010	<0.020	0.561	41.0	1,772,012
18-Dec-91	*	8010/8020	0.870	0.068	0.017	0.029	0.0310	1.015	34.7	1,550,443
01-Jan-92		8010/8020	0.420	0.030	<0.010	<0.010	<0.020	0.450	26.6	1,188,618
20-Feb-92	*	8010/8020	0.493	0.044	<0.010	0.018	<0.020	0.556	18.4	1,247,623
17-Mar-92		8010/8020	0.540	0.050	<0.010	0.029	<0.020	0.619	28.9	1,290,701
21-Apr-92		8010/8020	0.370	0.044	<0.010	<0.010	<0.020	0.414	32.6	1,409,654
19-May-92		8010/8020	0.390	0.044	<0.010	0.022	<0.020	0.456	45.4	2,027,775
22-Jun-92		8010/8020	0.310	0.036	<0.010	<0.010	<0.020	0.346	41.2	1,778,975
21-Jul-92		8010/8020	0.440	0.031	<0.010	<0.010	<0.020	0.414	41.1	1,832,726
19-Aug-92		8010/8020	0.420	0.038	<0.010	<0.010	<0.020	0.456	43.7	1,951,086
24-Sep-92		8010/8020	0.440	0.022	<0.010	<0.010	<0.020	0.346	42.3	1,828,884
20-Oct-92		8010/8020	0.400	0.038	<0.010	<0.010	<0.020	0.438	34.6	1,546,100
18-Nov-92		8010/8020	0.410	0.050	<0.010	0.026	<0.020	0.486	38.1	1,698,562
16-Dec-92		8010/8020	0.340	0.035	<0.010	0.023	<0.020	0.398	42.7	1,904,150
13-Jan-93		8010/8020	0.400	0.037	<0.010	0.018	<0.0005	0.455	39.4	1,757,358
23-Feb-93		8010/8020	0.360	0.031	<0.010	0.0097	<0.0005	0.401	42.1	1,695,620
18-Mar-93		8010/8020	0.350	0.034	0.0072	0.017	<0.0005	0.408	42.4	1,891,147
13-Apr-93		8010/8020	0.300	0.048	0.008	0.0082	<0.0005	0.364	65.8	2,842,069
11-May-93		8010/8020	0.320	0.044	<0.010	<0.010	<0.010	0.364	53.5	2,388,375
11-Jun-93		8010/8020	0.330	0.043	0.005	<0.005	<0.005	0.378	35.4	1,529,032
12-Jul-93		8010/8020	0.380	0.049	<0.010	0.016	<0.010	0.445	34.3	1,530,903
24-Aug-93	*	8010/8020	0.400	0.065	0.011	0.013	0.0130	0.502	64.4	2,877,959
13-Sep-93		8010/8020	0.300	0.040	<0.010	<0.010	<0.010	0.340	33.0	1,422,058
10-Oct-93		8010/8020	0.330	0.052	<0.010	<0.010	<0.010	0.382	31.0	1,383,469
24-Nov-93	*	8010/8020	0.250	0.044	0.0063	<0.005	0.0076	0.308	29.6	973,903
29-Dec-93	*	8010/8020	0.260	0.041	0.0072	0.007	0.0085	0.324	25.0	1,116,615
25-Jan-94	*	8010/8020	0.290	0.043	0.0078	0.011	0.0188	0.371	24.2	1,039,393
16-Feb-94		8010/8020	0.320	0.068	0.0076	0.0082	<0.005	0.404	19.8	772,214
10-Mar-94	*	8010/8020	0.260	0.044	0.0082	0.010	0.0080	0.330	28.9	1,244,665
8-Apr-94		8010/8020	0.310	0.038	<0.010	0.016	<0.005	0.364	29.2	1,238,149
17-May-94		8010/8020	0.300	0.037	<0.010	0.010	<0.005	0.347	27.9	1,231,633
14-Jun-94	*	8010/8020	0.280	0.038	0.0071	0.011	0.0243	0.360	28.6	1,238,149
14-Jul-94	*	8010/8020	0.290	0.046	0.0057	0.0076	0.0054	0.355	29.6	1,324,480
16-Aug-94	*	8010/8020	0.330	0.044	0.0068	0.013	0.0266	0.420	44.6	1,995,010
23-Sep-94	*	8010/8020	0.320	0.040	0.0073	0.012	0.0073	0.387	39.5	1,708,705
31-Oct-94	*	8010/8020	0.320	0.038	0.0087	0.0019	0.0083	0.377	29.8	1,404,632
16-Nov-94	*	8010/8020	0.300	0.041	<0.005	0.0063	0.0073	0.355	36.2	1,561,577
15-Dec-94	*	8010/8020	0.300	0.032	0.009	0.019	0.0092	0.369	39.5	2,152,761
24-Jan-95	*	8010/8020	0.290	0.045	0.007	0.010	0.0063	0.358	47.0	2,101,671
14-Feb-95	*	8010/8020	0.340	0.047	0.009	0.015	0.0010	0.412	43.7	1,765,501
17-Mar-95		8010/8020	0.420	0.059	<0.010	0.013	<0.010	0.492	40.4	1,805,157
14-Apr-95		8010/8020	0.360	0.049	<0.010	0.010	<0.010	0.419	50.9	2,194,624
16-May-95	*	8010/8020	0.200	0.023	0.0073	0.014	0.0085	0.253	25.6	1,145,166
21-Jun-95		8010/8020	0.330	0.042	<0.010	0.010	<0.010	0.382	46.1	1,986,247
12-Jul-95	*	8010/8020	0.380	0.050	0.0071	0.015	0.0098	0.462	56.4	2,517,498
15-Aug-95	*	8010/8020	0.330	0.050	0.0065	0.0085	0.0089	0.404	73.5	3,283,226
19-Sep-95	*	8010/8020	0.410	0.061	<0.010	<0.010	0.0130	0.484	78.0	3,367,377
16-Oct-95	*	8010/8020	0.330	0.054	0.0066	0.0077	0.0080	0.406	73.9	3,298,852
15-Nov-95	*	8010/8020	0.300	0.049	<0.005	<0.005	0.0065	0.356	68.3	2,949,499
21-Dec-95		8010/8020	0.280	0.049	<0.005	<0.005	<0.005	0.329	74.8	3,334,660
22-Jan-96	*	8010/8020	0.280	0.052	<0.005	<0.005	0.0080	0.348	75.2	3,358,708
13-Feb-96	*	8010/8020	0.300	0.052	0.0066	<0.005	<0.005	0.367	75.8	3,055,513

Table 12
Summary of SSES Discharge Monitoring
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California
Concentrations in milligrams per liter (mg/l)

Date Sampled	Notes	Analytical Method	TCE	cis-1,2-DCE	PCE	Freon 113	Other	Total VOCs	Flow Rate (gpm)	Monthly Flow (gallons)
19-Mar-96	*	8010/8020	0.300	0.050	0.0055	0.0069	0.0080	0.420	78.0	3,478,023
12-Apr-96	*	8010/8020	0.340	0.053	0.0053	0.0079	0.0063	0.420	80.8	3,407,556
16-May-96	*	8010/8020	0.380	0.066	0.0068	<0.005	0.0067	0.468	81.3	3,551,079
17-Jun-96	*	8010/8020	0.280	0.048	0.0064	<0.005	0.0076	0.391	67	2,630,141
24-Jul-96	*	8010/8020	0.290	0.045	0.0055	<0.005	0.0059	0.346	64	2,771,648
16-Aug-96	*	8010/8020	0.340	0.056	0.0065	0.0078	0.0064	0.417	63.1	2,743,138
27-Sep-96	*	8010/8020	0.350	0.058	0.0064	0.0073	0.0066	0.428	61.9	2,604,578
21-Oct-96	*	8010/8020	0.320	0.052	<0.005	0.0057	0.0050	0.383	60.3	2,630,698
19-Nov-96	*	8010/8020	0.310	0.047	0.0065	0.0095	0.0080	0.381	56.7	2,432,124
23-Dec-96	*	8010/8020	0.340	0.058	0.0071	<0.005	0.0092	0.414	61.9	2,604,578
28-Jan-97	*	8021	0.350	0.066	0.0062	0.0064	0.0110	0.440	64.6	2,886,486
13-Feb-97	*	8021	0.320	0.062	0.0057	0.0065	0.0100	0.404	63.4	2,555,326
Mar-97**		8021	0.335	0.064	0.0060	0.0065	0.0110	0.422	63.0	2,805,120
Apr-97**		8021	0.290	0.055	0.0055	0.0055	0.0061	0.362	64.7	2,789,160
14-May-97	*	8021	0.290	0.055	0.0055	0.0055	0.0061	0.362	64.9	2,898,738
Jun-97**		8021	0.290	0.055	0.0055	0.0055	0.0061	0.362	59.4	2,560,268
July-97**		8010/8020	0.270	0.046	0.005	0.005	0.0090	0.335	56.0	2,405,523
27-Aug-97	*	8010/8020	0.270	0.046	0.005	0.005	0.0090	0.335	56.3	2,509,816
Sept-97**		8010/8020	0.270	0.046	0.005	0.005	0.0090	0.335	59.4	2,565,817
Oct-97**		8010/8020	0.260	0.048	0.006	0.006	0.0000	0.320	61.2	2,731,416
26-Nov-97		8010/8020	0.260	0.048	0.006	0.006	0.0000	0.320	61.8	2,669,159
Dec-97**		8010/8020	0.260	0.048	0.006	0.006	0.0000	0.320	59.8	2,669,764
Jan-98**		8010/8020	0.310	0.060	0.005	0.005	0.0080	0.388	58.5	2,613,147
13-Feb-98	*	8010/8020	0.310	0.060	0.005	0.005	0.0080	0.388	60.2	2,420,908
Mar-98**		8010/8020	0.310	0.060	0.005	0.005	0.0080	0.388	66.5	2,681,571
Apr-98**		8010/8020	0.340	0.056	0.004	<0.003	0.0040	0.404	63.6	2,561,014
May-98**		8010/8020	0.340	0.056	0.004	<0.003	0.0040	0.404	60.2	2,691,346
4-Jun-98	*	8260	0.340	0.056	0.004	<0.003	0.0040	0.404	57.6	2,570,788
July-98**		8260	0.422	0.054	0.009	0.008	0.0130	0.505	61.0	2,720,962
14-Aug-98	*	8260	0.422	0.054	0.009	0.008	0.0130	0.505	60.0	2,678,448
Sept-98**		8260	0.422	0.054	0.009	0.008	0.0130	0.505	58.6	2,528,821
Oct-98**		8260	0.366	0.054	0.008	0.008	0.0105	0.447	59.9	2,590,339
Nov-98**		8260	0.366	0.054	0.008	0.008	0.0105	0.447	56.0	2,414,391
16-Dec-98		8260	0.366	0.054	0.008	0.008	0.0105	0.447	59.3	2,561,014
Jan-99**		8260	0.365	0.044	0.009	0.009	0.0120	0.439	59.5	2,570,789
25-Feb-99	*	8260	0.365	0.044	0.009	0.009	0.0120	0.439	49.7	2,147,212
Mar-99**		8260	0.365	0.044	0.009	0.009	0.0120	0.439	58.3	2,603,372
Apr-99**		8260	0.280	0.030	0.007	0.006	0.0105	0.333	57.2	2,551,540
May-99**		8260	0.280	0.030	0.007	0.006	0.0106	0.333	58.7	2,622,922
3-Jun-99	*	8260	0.280	0.030	0.007	0.006	0.0106	0.333	56.4	2,525,173
July-99**		8260	0.460	0.052	<0.010	<0.010	0.0114	0.524	58.1	2,593,597
14-Aug-99		8260	0.460	0.052	<0.010	<0.010	0.0114	0.524	57.2	2,554,498
Sept-99**		8260	0.460	0.052	<0.010	<0.010	0.0114	0.524	58.9	2,544,723
Oct-99**		8260	0.302	0.046	0.008	<0.005	0.0089	0.364	58.3	2,600,114
Nov-99**		8260	0.302	0.046	0.008	<0.005	0.0089	0.364	55.9	2,420,908
3-Dec-99	*	8260	0.302	0.046	0.008	<0.005	0.0089	0.364	56.4	2,515,399
Jan-00**		8260	0.323	0.045	<0.010	<0.010	<0.010	0.368	56.3	2,512,140
Feb-00**		8260	0.323	0.045	<0.010	<0.010	<0.010	0.368	26.5	1,104,559
15-Mar-00		8260	0.323	0.045	<0.010	<0.010	<0.010	0.368	32.5	1,453,196
Apr-00**		8260	0.275	0.042	<0.010	<0.010	<0.010	0.317	56.6	2,446,974
12-May-00		8260	0.275	0.042	<0.010	<0.010	<0.010	0.317	56.3	2,508,882
June-00**		8260	0.275	0.042	<0.010	<0.010	<0.010	0.317	54.5	2,430,683
July-00**		8260	0.247	0.055	<0.010	<0.010	0.0080	0.310	56.3	2,508,882
30-Aug-00	*	8260	0.247	0.055	<0.010	<0.010	0.0080	0.310	56.9	2,541,465
Sept-00**		8260	0.247	0.055	<0.010	<0.010	0.0080	0.310	19.1	824,347
Oct-00**		8260	0.266	0.070	<0.005	0.005	0.0073	0.349	39.3	1,749,820

Table 12
Summary of SSES Discharge Monitoring
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California
Concentrations in milligrams per liter (mg/l)

Date Sampled	Notes	Analytical Method	TCE	cis-1,2-DCE	PCE	Freon 113	Other	Total VOCs	Flow Rate (gpm)	Monthly Flow (gallons)
Nov-00**		8260	0.266	0.070	<0.005	0.005	0.0073	0.349	45.1	2,010,501
4-Dec-00	*	8260	0.266	0.070	<0.005	0.005	0.0073	0.349	45.6	2,036,569
Jan-01**		8260	0.230	0.061	<0.005	<0.005	0.0073	0.298	36.8	1,642,289
Feb-01**		8260	0.230	0.061	<0.005	<0.005	0.0073	0.298	42.2	1,697,684
5-Mar-01	*	8260	0.230	0.061	<0.005	<0.005	0.0073	0.298	49.7	2,007,242
Apr-01**		8260	0.264	0.045	<0.005	<0.005	0.0061	0.315	51.9	2,242,080
15-May-01	*	8260	0.264	0.045	<0.005	<0.005	0.0061	0.315	52.2	2,255,040
June-01**		8260	0.264	0.045	<0.005	<0.005	0.0061	0.315	46.5	2,008,800
July-01**		8260	0.190	0.040	0.0031	<0.007	0.0068	0.240	50.2	2,236,642
19-Aug-01	*	8260	0.190	0.040	0.0031	<0.007	0.0068	0.240	50.8	2,266,174
Sept-01**		8260	0.190	0.040	0.0031	<0.007	0.0068	0.240	48.2	2,076,076
Oct-01**		8260	0.230	0.044	0.0043	<0.0083	0.0065	0.285	43.4	1,933,951
21-Nov-01	*	8260	0.230	0.044	0.0043	<0.0083	0.0065	0.285	50	2,158,602
Dec-01**		8260	0.230	0.044	0.0043	<0.0083	0.0065	0.285	54.9	2,370,230
Jan-02**		8260	0.260	0.047	0.0035	<0.0083	0.0065	0.318	54.9	2,370,230
12-Feb-02	*	8260	0.260	0.047	0.0035	<0.0083	0.0065	0.318	53.9	2,168,369
Mar-02**		8260	0.260	0.047	0.0035	<0.0083	0.0065	0.318	55	2,451,625
Apr-02**		8260	0.220	0.040	0.0029	<0.0071	0.0064	0.269	54.3	2,344,183
14-May-02	*	8260	0.220	0.040	0.0029	<0.0071	0.0064	0.269	54.9	2,448,369
Jun-02**		8260	0.220	0.040	0.0029	<0.0071	0.0064	0.269	54.8	2,366,974
Jul-02**		8260	0.250	0.045	0.0026	<0.010	0.0068	0.304	54	2,409,299
09-Aug-02	*	8260	0.250	0.045	0.0026	<0.010	0.0068	0.304	52.1	2,324,648
Sept-02**		8260	0.250	0.045	0.0026	<0.010	0.0068	0.304	47.5	2,116,277
Oct-02**		8260	0.310	0.041	0.003	<0.0071	0.0058	0.360	47.4	2,113,021
13-Nov-02	*	8260	0.310	0.041	0.003	<0.0071	0.0058	0.360	42.6	1,836,277
Dec-02**		8260	0.310	0.041	0.003	<0.0071	0.0058	0.360	44.2	1,973,021
Jan-03**		8260	0.220	0.029	0.003	<0.0063	0.0060	0.258	43.9	1,959,998
27-Feb-03	*	8260	0.220	0.029	0.003	<0.0063	0.0060	0.258	33.5	1,402,362
Mar-03**		8260	0.220	0.029	0.003	<0.0063	0.0060	0.258	43.7	1,944,294
Apr-03**		8260	0.240	0.042	0.0042	<0.0071	0.0090	0.295	43.6	1,882,445
May-03**		8260	0.240	0.042	0.0042	<0.0071	0.0090	0.295	44.6	1,990,753
17-Jun-03	*	8260	0.240	0.042	0.0042	<0.0071	0.0090	0.295	44.4	1,916,291
Jul-03**		8260	0.230	0.039	0.0037	<0.010	0.0069	0.280	44	5,710,988
Aug-03**		8260	0.230	0.039	0.0037	<0.010	0.0069	0.280	44	5,613,285
30-Sep-03	*	8260	0.230	0.039	0.0037	<0.010	0.0069	0.280	43	4,820,606
Oct -03		8260	0.380	0.063	0.0031	<0.010	0.0049	0.451	45.2	2,014,798
Nov-03		8260	0.380	0.063	0.0031	<0.010	0.0049	0.451	43.4	1,874,913
19-Dec-03	*	8260	0.380	0.063	0.0031	<0.010	0.0049	0.451	22.3	995,901
Jan -04		8260	0.360	0.067	0.0031	<0.0071	0.0061	0.436	19.5	869,320
Feb-04		8260	0.360	0.067	0.0031	<0.0071	0.0061	0.436	19.3	806,091
31-Mar-04	*	8260	0.360	0.067	0.0031	<0.0071	0.0061	0.436	20.2	904,018
Apr-04		8260	0.330	0.055	0.0028	0.0084	0.0046	0.402	19	845,760
May-04		8260	0.330	0.055	0.0028	0.0084	0.0046	0.402	20.3	876,356
Jun-04	*	8260	0.330	0.055	0.0028	0.0084	0.0046	0.402	19.9	861,776
Jul-04		8260	0.320	0.058	0.003	<0.0005	0.0049	0.386	18.0	801,438
Aug-04		8260	0.320	0.058	0.003	<0.0005	0.0049	0.386	17.9	798,297
Sep-04	*	8260	0.320	0.058	0.003	<0.0005	0.0049	0.386	19.5	844,459
Oct-04	*	8260	0.360	0.058	0.0028J	<0.0063	0.0071	0.434	18.7	833,881
Nov-04	*	8260	0.360	0.058	0.0028J	<0.0063	0.0071	0.434	18.8	789,769
03-Dec-04	*	8260	0.360	0.058	0.0028J	<0.0063	0.0071	0.434	19.3	804,619
Jan -05	*	8260	0.350	0.051	0.0023	<0.0063	0.0067	0.410	17.9	797,481
Feb-05	*	8260	0.350	0.051	0.0023	<0.0063	0.0067	0.410	17.7	713,894
Mar-05	*	8260	0.350	0.051	0.0023	<0.0063	0.0067	0.410	18.0	804,453
Apr-05	*	8260	0.370	0.049	0.0030J	<0.0063	0.0086	0.4306	18.1	782,116
May-05	*	8260	0.370	0.049	0.0030J	<0.0063	0.0086	0.4306	18.0	806,510
Jun-05	*	8260	0.370	0.049	0.0030J	<0.0063	0.0086	0.4306	18.0	789,642

Table 12
Summary of SSES Discharge Monitoring
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California
Concentrations in milligrams per liter (mg/l)

Date Sampled	Notes	Analytical Method	TCE	cis-1,2-DCE	PCE	Freon 113	Other	Total VOCs	Flow Rate (gpm)	Monthly Flow (gallons)
Jul-05	*	8260	0.340	0.063	0.0025J	<0.025	0.0040	0.4095	18.0	839,888
Aug-05	*	8260	0.340	0.063	0.0025J	<0.025	0.0040	0.4095	18.5	823,992
Sep-05	*	8260	0.340	0.063	0.0025J	<0.025	0.0040	0.4095	18.0	771,554
Oct-05	*	8260	0.330	0.053	0.0028	<0.0017	0.0057	0.3915	17.7	764,343
Nov-05	*	8260	0.330	0.053	0.0028	<0.0017	0.0057	0.3915	17.2	741,566
Dec-05	*	8260	0.330	0.053	0.0028	<0.0017	0.0057	0.3915	16.7	721,177
Jan-06	*	8260	0.620	0.047	0.0073	0.020J	0.0098	0.7041	15.5	692,941
Feb-06	*	8260	0.620	0.047	0.0073	0.020J	0.0098	0.7041	14.7	593,832
Mar-06	*	8260	0.620	0.047	0.0073	0.020J	0.0098	0.7041	15.8	707,401
Apr-06	*	8260	0.650	0.059	0.0041	0.021J	0.0099	0.7341	15.6	674,023
May-06	*	8260	0.650	0.059	0.0041	0.021J	0.0099	0.7341	16.9	752,434
Jun-06	*	8260	0.650	0.059	0.0041	0.021J	0.0099	0.7440	9.7	419,484
Jul-06	*	8260	1.200	0.051	0.0056	0.034	0.0079	1.2985	6.7	299,815
Aug-06	*	8260	1.200	0.051	0.0056	0.034	0.0079	1.2985	6.2	274,606
Sep-06	*	8260	1.200	0.051	0.0056	0.034	0.0079	1.2985	4.6	204,344
Oct-06	*	8260	1.800	0.062	0.010J	0.120J	0.0130	2.0050	4.3	167,223
Nov-06	*	8260	1.800	0.062	0.010J	0.120J	0.0130	2.0050	3.7	145,513
Dec-06	*	8260	1.800	0.062	0.010J	0.120J	0.0130	2.0050	0.6	25,155
Jan-07	*	8260	0.300	0.023	0.0039	0.013J	0.0099	0.3498	12.0	461,165
Feb-07	*	8260	0.300	0.023	0.0039	0.013J	0.0099	0.3498	38.4	1,493,070
Mar-07	*	8260	0.300	0.023	0.0039	0.013J	0.0099	0.3498	38.5	1,716,591
Apr-07	*	8260	0.850	0.044	0.0055	0.026J	0.0960	0.9351	37.9	1,637,439
May-07	*	8260	0.850	0.044	0.0055	0.026J	0.0960	0.9351	15.5	689,970
Jun-07	*	8260	0.850	0.044	0.0055	0.026J	0.0960	0.9351	4.4	192,104
Jul-07	*	8260	0.330	0.023	0.0040	0.013	0.0097	0.3797	26.7	1,193,453
Aug-07	*	8260	0.330	0.023	0.0040	0.013	0.0097	0.3797	37.1	1,657,009
Sept-07	*	8260	0.330	0.023	0.0040	0.013	0.0097	0.3797	36.5	1,580,035
Oct-07	*	8260	0.320	0.027	0.0039	0.012J	0.0099	0.3728	34.5	1,541,383
Nov-07	*	8260	0.320	0.027	0.0039	0.012J	0.0099	0.3728	34.7	1,501,652
Dec-07	*	8260	0.320	0.027	0.0039	0.012J	0.0099	0.3728	33.4	1,489,164
Jan-08	*	8260	0.380	0.025	0.0038	<0.025	0.0073	0.4161	33.2	1,481,366
Feb-08	*	8260	0.380	0.025	0.0038	<0.025	0.0073	0.4161	34.6	1,447,808
Mar-08	*	8260	0.380	0.025	0.0038	<0.025	0.0073	0.4161	35.6	1,592,849
Apr-08	*	8260	0.380	0.030	0.0030	0.012J	0.0087	0.4337	36.0	1,557,532
May-08	*	8260	0.380	0.030	0.0030	0.012J	0.0087	0.4337	36.9	1,646,063
Jun-08	*	8260	0.380	0.030	0.0030	0.012J	0.0087	0.4337	36.8	1,591,311
Jul-08	*	8260	0.370	0.027	0.0034	<0.025	0.0068	0.4072	37.3	1,669,902
Aug-08	*	8260	0.370	0.027	0.0034	<0.025	0.0068	0.4072	38.0	1,689,512
Sept-08	*	8260	0.370	0.027	0.0034	<0.025	0.0068	0.4072	30.0	1,294,580
Oct-08	*	8260	0.360	0.027	0.0029J	<0.031	0.0054	0.3953	37.4	1,667,309
Nov-08	*	8260	0.360	0.027	0.0029J	<0.031	0.0054	0.3953	38.0	1,642,331
Dec-08	*	8260	0.360	0.027	0.0029J	<0.031	0.0054	0.3953	40.9	1,820,630
Jan-09	*	8260	0.320	0.023	0.0028J	<0.031	0.0040	0.3498	37.5	1,671,161
Feb-09	*	8260	0.320	0.023	0.0028J	<0.031	0.0040	0.3498	41.0	1,651,179
Mar-09	*	8260	0.320	0.023	0.0028J	<0.031	0.0040	0.3498	38.5	1,719,955
April-09	*	8260	0.310	0.026	0.0033	<0.020	0.0033	0.3426	38.7	1,668,893
May-09	*	8260	0.310	0.026	0.0033	<0.020	0.0033	0.3426	40.9	1,770,801
Jun-09	*	8260	0.310	0.026	0.0033	<0.020	0.0033	0.3426	41.5	1,794,869
Jul-09	*	8260	0.300	0.023	0.0032	<0.020	0.0031	0.3293	45.2	2,012,298
Aug-09	*	8260	0.300	0.023	0.0032	<0.020	0.0031	0.3293	44.6	1,988,800
Sep-09	*	8260	0.300	0.023	0.0032	<0.020	0.0031	0.3293	39.2	1,690,967
Oct-09	*	8260	0.290	0.026	0.0026	<0.020	0.0033	0.3219	41.1	1,835,150
Nov-09	*	8260	0.290	0.026	0.0026	<0.020	0.0033	0.3219	41.7	1,809,153
Dec-09	*	8260	0.290	0.026	0.0026	<0.020	0.0033	0.3219	41.3	1,848,314
Jan-10	*	8260	0.260	0.024	0.002J	<0.025	0.0027	0.2887	42.8	1,908,002
Feb-10	*	8260	0.260	0.024	0.002J	<0.025	0.0027	0.2887	42.1	1,697,647

Table 12
Summary of SSES Discharge Monitoring
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California
Concentrations in milligrams per liter (mg/l)

Date Sampled	Notes	Analytical Method	TCE	cis-1,2-DCE	PCE	Freon 113	Other	Total VOCs	Flow Rate (gpm)	Monthly Flow (gallons)
Mar-10	*	8260	0.260	0.024	0.002J	<0.025	0.0027	0.2887	42.8	1,911,743
April-10	*	8260	0.330	0.029	0.0029	0.0075J	0.0044	0.3738	47.1	2,035,863
May-10	*	8260	0.330	0.029	0.0029	0.0075J	0.0044	0.3738	45.5	2,035,520
Jun-10	*	8260	0.330	0.029	0.0029	0.0075J	0.0044	0.3738	44.9	1,937,695
Jul-10	*	8260	0.280	0.037	0.0027	0.012J	0.0034	0.3351	46.2	2,063,017
Aug-10	*	8260	0.280	0.037	0.0027	0.012J	0.0034	0.3351	45.0	2,011,911
Sep-10	*	8260	0.280	0.037	0.0027	0.012J	0.0034	0.3351	46.7	2,020,323
Oct-10	*	8260	0.330	0.030	0.0028	<0.020	0.0026	0.3654	47.3	2,107,935
Nov-10	*	8260	0.330	0.030	0.0028	<0.020	0.0026	0.3654	48.8	2,107,978
Dec-10	*	8260	0.330	0.030	0.0028	<0.020	0.0026	0.3654	50.1	2,235,912
Jan-11	*	8260	0.690	0.065	0.0037	0.017J	0.0020	0.7777	45.2	2,015,424
Feb-11	*	8260	0.690	0.065	0.0037	0.017J	0.0020	0.7777	45.9	1,848,672
Mar-11	*	8260	0.690	0.065	0.0037	0.017J	0.0020	0.7777	46.9	2,089,598
Apr-11	*	8260	0.460	0.040	0.0024	0.015J	0.0013	0.5187	46.0	1,987,834
May-11	*	8260	0.460	0.040	0.0024	0.015J	0.0013	0.5187	45.8	2,042,280
Jun-11	*	8260	0.460	0.040	0.0024	0.015J	0.0013	0.5187	46.8	2,017,152
Jul-11	*	8260	0.11	0.32	0.0020J	<0.025	0.0176	0.4496	30.6	1,322,920
Aug-11	*	8260	0.11	0.32	0.0020J	<0.025	0.0176	0.4496	34.5	1,738,902
Sep-11	*	8260	0.11	0.32	0.0020J	<0.025	0.0176	0.4496	31.6	1,272,001
Oct-11	*	8260	0.078	0.250	0.0023J	<0.025	0.1469	0.4772	30.3	1,311,105
Nov-11	*	8260	0.078	0.250	0.0023J	<0.025	0.1469	0.4772	29.8	1,327,951
Dec-11	*	8260	0.078	0.250	0.0023J	<0.025	0.1469	0.4772	26.0	1,160,665
Jan-12	*	8260	0.073	0.089	0.0021	0.005	0.0431	0.2122	31.3	1,265,020
Feb-12	*	8260	0.073	0.089	0.0021	0.005	0.0431	0.2122	27.9	1,406,418
Mar-12	*	8260	0.073	0.089	0.0021	0.005	0.0431	0.2122	35.0	1,464,180
Apr-12	*	8260	0.073	0.071	0.0025	0.0032J	0.0309	0.1806	39.4	1,535,253
May-12	*	8260	0.073	0.071	0.0025	0.0032J	0.0309	0.1806	24.5	1,232,798
Jun-12	*	8260	0.073	0.071	0.0025	0.0032J	0.0309	0.1806	40.9	1,651,835
Jul-12	*	8260	0.055	0.068	0.0021	0.0032J	0.0301	0.1584	21.4	1,065,931
Aug-12	*	8260	0.055	0.068	0.0021	0.0032J	0.0301	0.1584	29.1	1,145,329
Sep-12	*	8260	0.055	0.068	0.0021	0.0032J	0.0301	0.1584	27.5	1,118,722

Table 12
Summary of SSES Discharge Monitoring
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California
Concentrations in milligrams per liter (mg/l)

Date Sampled	Notes	Analytical Method	TCE	cis-1,2-DCE	PCE	Freon 113	Other	Total VOCs	Flow Rate (gpm)	Monthly Flow (gallons)
Oct-12	*	8260	0.069	0.075	0.0022	0.0017J	0.0313	0.1792	21.9	1,180,961
Nov-12	*	8260	0.069	0.075	0.0022	0.0017J	0.0313	0.1792	24.0	1,007,859
Dec-12	*	8260	0.069	0.075	0.0022	0.0017J	0.0313	0.1792	36.9	1,594,583
Jan-13	*	8260	0.050	0.056	0.0018	<0.005	0.0323	0.1401	31.6	1,410,245
Feb-13	*	8260	0.050	0.056	0.0018	<0.005	0.0323	0.1401	32.1	1,342,203
Mar-13	*	8260	0.050	0.056	0.0018	<0.005	0.0323	0.1401	32.3	1,301,773
Apr-13	*	8260	0.051	0.059	0.0016	<0.005	0.0432	0.1548	32.4	7,837,624
May-13	*	8260	0.051	0.059	0.0016	<0.005	0.0432	0.1548	32.7	6,656,663
Jun-13	*	8260	0.051	0.059	0.0016	<0.005	0.0432	0.1548	33.1	13,486,428
Sep-13	*	8260	0.048	0.063	0.0016	<0.005	0.0558	0.1684	43.1	1,676,809
Nov-13	*	8260	0.041	0.051	0.0017	<0.005	0.0442	0.1379	35.6	1,332,227

Data entered by ASL. Data proofed by SH

Notes:

Flow rates and monthly cumulative flow volumes provided by PES Environmental.

SSES = Spring Street Extraction System
TCE = trichloroethene
1,2-DCE = 1,2-dichloroethene
1,2-DCB = 1,2-dichlorobenzene
Freon 113 = 1,2,2-trichloro-2,2,1-trifluoroethane
PCE = tetrachloroethene
VOCs = volatile organic compounds
gpm = gallons per minute
ppm = parts per million
J = estimated concentration
** = analytical results from quarterly sampling

* = See following notes:

28-Aug-91	Methylene chloride detected at 0.076 ppm.
25-Sep-91	Methylene chloride detected at 0.016 ppm.
	N.B.: Methylene chloride has been identified as a common laboratory contaminant for samples analyzed by Anametrix during the August and September 1991 sampling rounds.
18-Dec-91	1,2-dichlorobenzene detected at 0.031 ppm in the 8010 analysis and 1,2-dichlorobenzene detected at 0.047 ppm in the 8020 analysis.
20-Feb-92	Laboratory results reported as the average of the analysis of the three separate time series samples. Samples were not analyzed as a composite as is normal procedure.
24-Aug-93	1,2-dichlorobenzene detected at 0.013 ppm.
24-Nov-93	1,2-dichlorobenzene detected at 0.0076 ppm.
29-Dec-93	1,2-dichlorobenzene detected at 0.0085 ppm.
25-Jan-94	1,2-dichlorobenzene detected at 0.0078 ppm and methylene chloride at 0.011 ppm.
10-Mar-94	1,2-dichlorobenzene detected at 0.008 ppm.
14-Jun-94	1,2-dichlorobenzene detected at 0.0073 ppm and methylene chloride at 0.017 ppm.
14-Jul-94	1,2-dichlorobenzene detected at 0.0054 ppm.
16-Aug-94	1,2-dichlorobenzene detected at 0.0076 ppm and methylene chloride at 0.019 ppm.
23-Sep-94	1,2-dichlorobenzene detected at 0.0073 ppm.
31-Oct-94	1,2-dichlorobenzene detected at 0.0071 ppm.
16-Nov-94	1,2-dichlorobenzene detected at 0.0055 ppm.
15-Dec-94	1,2-dichlorobenzene detected at 0.0092 ppm.
24-Jan-95	1,2-dichlorobenzene detected at 0.0063 ppm.
14-Feb-95	1,2-dichlorobenzene detected at 0.0010 ppm.
16-May-95	1,2-dichlorobenzene detected at 0.0085 ppm.
12-Jul-95	1,2-dichlorobenzene detected at 0.0098 ppm.
15-Aug-95	1,2-dichlorobenzene detected at 0.0089 ppm.
19-Sep-95	1,2-dichlorobenzene detected at 0.013 ppm.
16-Oct-95	1,2-dichlorobenzene detected at 0.008 ppm.
15-Nov-95	1,2-dichlorobenzene detected at 0.0065 ppm.
22-Jan-96	1,2-dichlorobenzene detected at 0.0077 ppm.
13-Feb-96	1,2-dichlorobenzene detected at 0.0085 ppm.

Table 12
Summary of SSES Discharge Monitoring
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California
Concentrations in milligrams per liter (mg/l)

Date Sampled	Notes	Analytical Method	TCE	cis-1,2-DCE	PCE	Freon 113	Other	Total VOCs	Flow Rate (gpm)	Monthly Flow (gallons)
19-Mar-96	1,2-dichlorobenzene detected at 0.0082 ppm and methylene chloride at 0.014 ppm.									
12-Apr-96	1,2-dichlorobenzene detected at 0.0063 ppm.									
16-May-96	1,2-dichlorobenzene detected at 0.0067 ppm.									
17-Jun-96	1,2-dichlorobenzene detected at 0.0076 ppm.									
24-Jul-96	1,2-dichlorobenzene detected at 0.0059 ppm.									
15-Aug-96	1,2-dichlorobenzene detected at 0.0064 ppm.									
27-Sep-96	1,2-dichlorobenzene detected at 0.0066 ppm.									
21-Oct-96	1,2-dichlorobenzene detected at 0.005 ppm.									
19-Nov-96	1,2-dichlorobenzene detected at 0.0076 ppm.									
23-Dec-96	1,2-dichlorobenzene detected at 0.0092 ppm.									
28-Jan-97	1,2-dichlorobenzene detected at 0.091 ppm.									
13-Feb-97	1,2-dichlorobenzene detected at 0.0092 ppm.									
14-May-97	1,2-dichlorobenzene detected at 0.0061 ppm									
27-Aug-97	1,2-dichlorobenzene detected at 0.009 ppm.									
13-Feb-98	1,2-dichlorobenzene detected at 0.008 ppm.									
4-Jun-98	1,2-dichlorobenzene detected at 0.004 ppm.									
24-Aug-98	1,2-dichlorobenzene detected at 0.013 ppm.									
25-Feb-99	1,2-dichlorobenzene detected at 0.012 ppm.									
3-Jun-99	1,2-dichlorobenzene detected at 0.0105 ppm.									
3-Dec-99	1,2-dichlorobenzene detected at 0.0089 ppm.									
30-Aug-00	1,2-dichlorobenzene detected at 0.0075 ppm.									
4-Dec-00	1,2-dichlorobenzene detected at 0.0066 ppm.									
05-Mar-01	1,2-dichlorobenzene detected at 0.00733 ppm.									
15-May-01	1,2-dichlorobenzene detected at 0.00607 ppm.									
19-Aug-01	1,2-dichlorobenzene detected at 0.0058 ppm.									
21-Nov-01	1,2-dichlorobenzene detected at 0.0045 ppm; trans-1,2-DCE detected at 0.0011 ppm; 1,1,1 TCA detected at 0.0009 ppm.									
12-Feb-02	1,2-dichlorobenzene detected at 0.0054 ppm; trans-1,2-DCE detected at 0.0011 ppm; 1,1-DCE detected at 0.0011 ppm.									
14-May-02	1,2-dichlorobenzene detected at 0.0047 ppm; trans-1,2-DCE detected at 0.0017 ppm.									
09-Aug-02	1,2-dichlorobenzene detected at 0.0042 ppm; trans-1,2-DCE detected at 0.0024 ppm.									
13-Nov-02	1,2-dichlorobenzene detected at 0.0051 ppm; trans-1,2-DCE detected at 0.0007 ppm.									
27-Feb-03	1,2-dichlorobenzene detected at 0.005 ppm; trans-1,2-DCE detected at 0.0007 ppm. Freon 113 detected below the reporting limit.									
17-Jun-03	1,2-dichlorobenzene detected at 0.0076 ppm; trans-1,2-DCE detected at 0.0014 ppm. Freon 113 detected below the reporting limit.									
30-Sep-03	1,2-dichlorobenzene detected at 0.0069 ppm; trans-1,2-DCE detected below the reporting limit of 0.001 ppm.									
19-Dec-03	1,2-dichlorobenzene detected at 0.005 ppm; trans-1,2-DCE and Freon 113 detected below the reporting limit.									
19-Dec-03	Concentration of VOCs is greater this quarter because sample was collected after the shutdown of four of the wells, and the remaining flow from ES-4I is a higher concentration than the system as monitored prior to shutdown.									
31-Mar-04	1,2-dichlorobenzene detected at 0.0052 ppm; trans-1,2-DCE detected at 0.0009 ppm. Freon 113 and 1,1-DCE detected below the reporting limit.									
10-Jun-04	1,2-dichlorobenzene detected at 0.0046 ppm; trans-1,2-DCE detected at 0.0009 ppm. Freon 113 detected at 0.0084 ppm.									
03-Dec-04	1,2-dichlorobenzene detected at 0.0041 ppm; trans-1,2-DCE detected below the reporting limit.									
13-May-05	1,2-dichlorobenzene detected at 0.0035 ppm; trans-1,2-DCE detected below the reporting limit.									
18-Aug-05	1,2-dichlorobenzene detected at 0.004 ppm.									
02-Nov-05	1,2-dichlorobenzene detected at 0.0044 ppm and trans-1,2-DCE estimated at 0.0013 ppm.									
16-Mar-06	1,2-dichlorobenzene detected at 0.0058 ppm and trans-1,2-DCE detected at 0.0040 ppm.									
19-May-06	1,2-dichlorobenzene detected at 0.0061 ppm and trans-1,2-DCE detected at 0.0038 ppm.									
19-Sep-06	1,2-dichlorobenzene detected at 0.034 ppm.									
07-Dec-06	Concentration for SSES based upon sample collected from ES4I during quarterly sampling event. 1,2-dichlorobenzene detected at 0.0013 ppm.									
30-Mar-07	Vinyl chloride was detected at an estimated concentration of 0.0016 ppm; 1,2-dichlorobenzene detected at 0.0083 ppm.									
22-May-07	Vinyl chloride at 0.0032 ppm; 1,2-dichlorobenzene detected at 0.0064 ppm.									
27-Sep-07	Vinyl chloride at 0.0017 ppm; trans-1,2-DCE at 0.0010 ppm; 1,2-DCB at 0.0070 ppm.									
2-Nov-07	Vinyl chloride at 0.0024 ppm; trans-1,2-DCE was detected at an estimated concentration of 0.0012 ppm; 1,2-DCB at 0.0063 ppm.									
27-Mar-08	Vinyl chloride was detected at an estimated concentration of 0.0015 ppm; 1,2-dichlorobenzene at 0.0058 ppm.									
12-Jun-08	Vinyl chloride was detected at an estimated concentration of 0.0020 ppm; trans-1,2-DCE detected at an estimated concentration									

Table 12
Summary of SSES Discharge Monitoring
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California
Concentrations in milligrams per liter (mg/l)

Date Sampled	Notes	Analytical Method	TCE	cis-1,2-DCE	PCE	Freon 113	Other	Total VOCs	Flow Rate (gpm)	Monthly Flow (gallons)
	of 0.0011 ppm; 1,2-dichlorobenzene at 0.0056 ppm.									
24-Sep-08	Vinyl chloride was detected at an estimated concentration of 0.0017 ppm; 1,2-dichlorobenzene at 0.0051 ppm.									
4-Nov-08	Trans-1,2-DCE was detected at an estimated concentration of 0.002 ppm; 1,2-dichlorobenzene at 0.0034 ppm.									
17-Mar-09	1,2-dichlorobenzene detected at 0.004 ppm.									
13-May-09	1,2-dichlorobenzene detected at 0.0033 ppm.									
16-Sep-09	1,2-dichlorobenzene detected at 0.0031 ppm.									
13-Nov-09	1,2-dichlorobenzene detected at 0.0033 ppm.									
26-Mar-10	1,2-dichlorobenzene detected at 0.00227 ppm.									
27-May-10	Vinyl chloride was detected at an estimated concentration of 0.0007 ppm; Trans-1,2-DCE was detected at an estimated concentration of 0.0007 ppm; 1,2-dichlorobenzene at 0.003 ppm.									
28-Sep-10	1,2-dichlorobenzene detected at 0.0034 ppm.									
17-Dec-10	1,2-dichlorobenzene detected at 0.0026 ppm.									
16-Mar-11	Vinyl chloride was detected at an estimated concentration of 0.0020 ppm.									
19-May-11	Trans-1,2-DCE was detected at an estimated concentration of 0.0013 ppm.									
22-Sep-11	Vinyl chloride was detected at 0.0072 ppm; 1,1-DCE was detected at an estimated concentration of 0.0013 ppm; trans-1,2-DCE was detected at 0.0054 ppm; 1,2-DCB was detected at 0.0037 ppm.									
18-Nov-11	Vinyl chloride was detected at 0.140 ppm; 1,1-DCE was detected at an estimated concentration of 0.0013 ppm; trans-1,2-DCE was detected at 0.0025 ppm; 1,2-DCB was detected at 0.0031 ppm.									
22-Feb-12	Vinyl chloride was detected at 0.035 ppm; 1,1-DCE was detected at 0.0006 ppm; trans-1,2-DCE was detected at 0.0019 ppm; 1,2-DCB was detected at 0.0035 ppm; Chloroethane was detected at 0.0021 ppm.									
13-Jun-12	Vinyl chloride was detected at 0.022 ppm; 1,1-DCE was detected at an estimated concentration of 0.0004 ppm; trans-1,2-DCE was detected at 0.0016 ppm; 1,2-DCB was detected at 0.0034 ppm; Chloroethane was detected at 0.0035 ppm.									
21-Sep-12	Vinyl chloride was detected at 0.022 ppm; 1,1-DCE was detected at an estimated concentration of 0.0004 ppm; trans-1,2-DCE was detected at 0.0014 ppm; 1,2-DCB was detected at 0.0034 ppm; Chloroethane was detected at 0.0029 ppm.									
30-Nov-12	Vinyl chloride was detected at 0.023 ppm; 1,1-DCE was detected at an estimated concentration of 0.0004 ppm; trans-1,2-DCE was detected at 0.0014 ppm; 1,2-DCB was detected at 0.0033 ppm; Chloroethane was detected at 0.0032 ppm.									
21-Mar-13	Vinyl chloride was detected at 0.025 ppm; chloroethane was detected at 0.0026 ppm; 1,1-DCE was detected at an estimated concentration of 0.0004 ppm; trans-1,2-DCE was detected at 0.0013 ppm; 1,2-DCB was detected at 0.0030 ppm.									
30-Nov-12	Vinyl chloride was detected at 0.036 ppm; chloroethane was detected at 0.0026 ppm; 1,1-DCE was detected at an estimated concentration of 0.0003 ppm; trans-1,2-DCE was detected at 0.0014 ppm; 1,2-DCB was detected at 0.0029 ppm.									
27-Sep-13	Vinyl chloride was detected at 0.048 ppm; chloroethane was detected at 0.0029 ppm; 1,1-DCE was detected at an estimated concentration of 0.0003 ppm; trans-1,2-DCE was detected at 0.0016 ppm; 1,2-DCB was detected at 0.0030 ppm.									
7-Nov-13	Vinyl chloride was detected at 0.038 ppm; chloroethane was detected at 0.0022 ppm; 1,1-DCE was detected at an estimated concentration of 0.0003 ppm; trans-1,2-DCE was detected at 0.0012 ppm; 1,2-DCB was detected at 0.0025 ppm.									

Table 13
Historical Summary of SSES Quarterly Discharge Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Quarterly Time Period	Average Quarterly Flow Rate (gpm)	Average VOC Concentration Data (in mg/l)			Estimated VOC Mass Removed (in pounds)			Estimated Total Mass Removed Since Start-Up* (pounds)
		TCE	cis-1,2-DCE	Total VOCs	TCE	cis-1,2-DCE	Total VOCs	
Jul, Aug, Sep 1991	52	0.530	0.036	0.629	14.73	1.00	17.48	17.48
Oct, Nov, Dec 1991	40	0.680	0.044	0.756	30.00	1.94	33.34	50.82
Jan, Feb, Mar 1992	25	0.484	0.041	0.542	12.87	1.10	14.40	65.22
Apr, May, Jun 1992	40	0.357	0.041	0.405	15.46	1.79	17.57	82.79
Jul, Aug, Sep 1992	42	0.433	0.030	0.405	20.25	1.42	18.94	101.73
Oct, Nov, Dec 1992	38	0.383	0.041	0.441	16.05	1.72	18.48	120.21
Jan, Feb, Mar 1993	39	0.370	0.034	0.421	15.57	1.43	17.72	137.93
Apr, May, Jun 1993	52	0.317	0.045	0.369	17.82	2.53	20.74	158.67
Jul, Aug, Sep 1993	44	0.360	0.051	0.429	17.48	2.49	20.83	179.50
Oct, Nov, Dec 1993	29	0.280	0.046	0.338	8.81	1.44	10.64	190.14
Jan, Feb, Mar 1994	24	0.290	0.052	0.368	7.38	1.31	9.37	199.51
Apr, May, Jun 1994	29	0.297	0.038	0.447	9.40	1.20	14.14	213.65
Jul, Aug, Sep 1994	38	0.313	0.043	0.447	13.10	1.81	18.69	232.34
Oct, Nov, Dec 1994	35	0.307	0.037	0.367	11.90	1.44	14.24	246.58
Jan, Feb, Mar 1995	43	0.350	0.050	0.421	16.08	2.31	19.32	265.90
Apr, May, Jun 1995	41	0.297	0.038	0.351	13.23	1.69	15.66	281.56
Jul, Aug, Sep 1995	69	0.373	0.054	0.450	28.39	4.11	34.25	315.81
Oct, Nov, Dec 1995	72	0.303	0.051	0.364	24.06	4.05	28.91	344.72
Jan, Feb, Mar 1996	76	0.293	0.051	0.356	24.16	4.23	29.35	345.16
Apr, May, Jun 1996	76	0.333	0.056	0.426	27.76	4.64	35.51	380.23
Jul, Aug, Sep 1996	63	0.327	0.053	0.397	22.72	3.68	27.59	407.81
Oct, Nov, Dec 1996	60	0.323	0.052	0.393	21.38	3.44	26.01	433.82
Jan, Feb, Mar 1997	64	0.335	0.064	0.422	23.13	4.42	29.14	462.97
Apr, May, Jun 1997	63	0.290	0.055	0.362	19.93	3.78	24.88	487.85
Jul, Aug, Sep 1997	57	0.270	0.046	0.335	16.98	2.89	21.06	508.91
Oct, Nov, Dec 1997	61	0.260	0.048	0.320	17.49	3.23	21.53	530.44
Jan, Feb, Mar 1998	62	0.310	0.060	0.388	20.74	4.01	25.96	556.40
Apr, May, Jun 1998	60	0.340	0.056	0.404	22.26	3.67	26.45	582.85
Jul, Aug, Sep 1998	60	0.422	0.054	0.505	27.93	3.57	33.42	616.27
Oct, Nov, Dec 1998	58	0.366	0.054	0.447	23.42	3.45	28.57	644.84
Jan, Feb, Mar 1999	56	0.365	0.044	0.439	22.06	2.65	26.53	671.37
Apr, May Jun 1999	58	0.280	0.030	0.333	17.72	1.89	21.07	692.44
Jul, Aug, Sep 1999	58	0.460	0.052	0.524	29.43	3.35	33.51	725.95
Oct, Nov, Dec 1999	57	0.302	0.046	0.364	18.99	2.89	22.89	748.83
Jan, Feb, Mar 2000	38	0.323	0.045	0.368	13.39	1.87	15.26	764.09
Apr, May Jun 2000	56	0.275	0.042	0.317	16.80	2.58	19.38	783.47
Jul, Aug, Sep 2000	44	0.247	0.055	0.310	11.99	2.67	15.05	798.52
Oct, Nov, Dec 2000	43	0.266	0.070	0.349	12.62	3.33	16.55	815.06
Jan, Feb, Mar 2001	43	0.230	0.061	0.298	10.67	2.83	13.83	828.89
Apr, May, Jun 2001	52	0.264	0.045	0.315	14.98	2.54	17.87	846.76
Jul, Aug, Sep 2001	50	0.190	0.040	0.240	10.48	2.21	13.24	860.00
Oct, Nov, Dec 2001	49	0.230	0.044	0.285	12.43	2.38	15.39	875.39
Jan, Feb, Mar 2002	55	0.260	0.047	0.318	15.26	2.76	18.66	894.05
Apr, May, Jun 2002	55	0.220	0.040	0.269	13.06	2.37	15.96	910.02
Jul, Aug, Sep 2002	51	0.250	0.045	0.304	14.06	2.53	17.11	927.13
Oct, Nov, Dec 2002	45	0.310	0.041	0.360	15.39	2.04	17.87	945.00
Jan, Feb, Mar 2003	40	0.220	0.029	0.258	9.50	1.25	11.14	956.13
Apr, May, Jun 2003	44	0.240	0.042	0.295	11.52	2.02	14.16	970.30

Table 13
Historical Summary of SSES Quarterly Discharge Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Quarterly Time Period	Average Quarterly Flow Rate (gpm)	Average VOC Concentration Data (in mg/l)			Estimated VOC Mass Removed (in pounds)			Estimated Total Mass Removed Since Start-Up* (pounds)
		TCE	cis-1,2-DCE	Total VOCs	TCE	cis-1,2-DCE	Total VOCs	
Jul, Aug, Sep 2003	44	0.230	0.039	0.280	11.16	1.89	13.59	983.89
Oct, Nov, Dec 2003**	37	0.380	0.063	0.451	15.51	2.57	18.41	1002.29
Jan, Feb, Mar 2004	20	0.360	0.067	0.436	7.86	1.46	9.51	1011.81
Apr, May, Jun 2004	20	0.330	0.055	0.401	7.20	1.20	8.75	1020.56
Jul, Aug, Sep 2004	19	0.320	0.058	0.386	6.63	1.20	8.00	1028.56
Oct, Nov, Dec 2004	19	0.360	0.058	0.434	7.46	1.20	9.00	1037.56
Jan, Feb, Mar 2005	18	0.142	0.025	0.184	2.79	0.49	3.61	1041.17
Apr, May, Jun 2005	18	0.370	0.049	0.427	7.28	0.96	8.40	1049.58
Jul, Aug, Sep 2005	18	0.340	0.063	0.410	6.74	1.25	8.12	1057.69
Oct, Nov, Dec 2005	17	0.330	0.053	0.392	6.19	0.99	7.34	1065.03
Jan, Feb, Mar 2006	15	0.620	0.047	0.704	10.35	0.78	11.75	1076.79
Apr, May, Jun 2006	14	0.650	0.059	0.734	9.93	0.90	11.21	1088.00
Jul, Aug, Sep 2006	6	1.200	0.051	1.299	7.72	0.33	8.36	1096.36
Oct, Nov, Dec 2006**	3	1.800	0.062	2.005	5.70	0.20	6.34	1102.70
Jan, Feb, Mar 2007	30	0.300	0.023	0.350	9.70	0.74	11.31	1114.01
Apr, May, Jun 2007	19	0.850	0.044	0.935	17.87	0.92	19.66	1133.67
Jul, Aug, Sept 2007	33	0.330	0.023	0.3797	12.04	0.84	13.85	1147.52
Oct, Nov, Dec 2007	34	0.320	0.027	0.3728	11.94	1.01	13.91	1161.43
Jan, Feb, Mar 2008	34	0.380	0.025	0.4161	14.29	0.94	15.65	1177.07
Apr, May, Jun 2008	37	0.380	0.030	0.4337	15.16	1.20	17.30	1194.38
Jul, Aug, Sept 2008	35	0.370	0.027	0.4072	14.21	1.04	15.64	1210.02
Oct, Nov, Dec 2008	39	0.360	0.027	0.3953	15.24	1.14	16.73	1226.75
Jan, Feb, Mar 2009	39	0.320	0.023	0.3498	13.62	0.98	14.88	1241.63
Apr, May, Jun 2009	40	0.310	0.026	0.3426	13.66	1.15	15.10	1256.73
Jul, Aug, Sept 2009	43	0.300	0.023	0.3293	14.07	1.08	15.45	1272.18
Oct, Nov, Dec 2009	41	0.290	0.026	0.3219	13.07	1.17	14.50	1286.69
Jan, Feb, Mar 2010	43	0.260	0.024	0.2887	12.08	1.12	13.42	1300.11
Apr, May, Jun 2010	46	0.330	0.029	0.3738	16.49	1.45	18.68	1318.79
Jul, Aug, Sept 2010	46	0.280	0.037	0.3351	14.04	1.86	16.81	1335.59
Oct, Nov, Dec 2010	49	0.330	0.030	0.3654	17.53	1.59	19.41	1355.01
Jan, Feb, Mar 2011	46	0.690	0.065	0.7777	34.55	3.26	38.95	1393.95
Apr, May, Jun 2011	46	0.460	0.040	0.5187	23.19	2.02	26.15	1420.10
Jul, Aug, Sept 2011	32	0.110	0.320	0.4496	3.87	11.25	15.81	1435.91
Oct, Nov, Dec 2011	29	0.078	0.250	0.4772	2.44	7.83	14.94	1450.85
Jan, Feb, Mar 2012	31	0.073	0.089	0.2122	2.50	3.05	7.27	1458.12
Apr, May, Jun 2012	35	0.073	0.071	0.1806	2.79	2.71	6.90	1465.02
Jul, Aug, Sep 2012	26	0.055	0.068	0.1584	1.56	1.93	4.49	1469.51
Oct, Nov, Dec 2012	28	0.069	0.075	0.1792	2.08	2.26	5.40	1474.91
Jan, Feb, Mar 2013	32	0.050	0.056	0.1401	1.75	1.96	4.89	1479.80
Apr, May, Jun 2013	33	0.051	0.059	0.1548	1.82	2.10	5.52	1485.32
Jul, Aug, Sep 2013	37	0.048	0.063	0.1684	1.92	2.52	6.74	1492.06
Oct, Nov, Dec 2013	40	0.041	0.051	0.1379	1.80	2.24	6.06	1498.13

Data entered by ASL. Data proofed by SH

Notes:
* cumulative
** = Fourth quarter SSES VOC concentration data based upon sample collected from ES4I on December 7, 2006.

Average VOC Concentration Data reported per quarter in mg/l.
Average VOC Mass Removed Data reported per quarter in pounds.
Average Quarterly Flow Rate Data reported in gpm.

SSES = Spring Street Extraction System
VOC = volatile organic compound
TCE = trichloroethene
cis-1,2-DCE = cis-1,2-dichloroethene
gpm = gallons per minute
mg/l = milligrams per liter

Table 14
Historical Field Results for Natural Attenuation Parameters
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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-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
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

Table 14
Historical Field Results for Natural Attenuation Parameters
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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)
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
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
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

Table 14
Historical Field Results for Natural Attenuation Parameters
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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 contd.	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
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
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

Table 14
Historical Field Results for Natural Attenuation Parameters
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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 contd.	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
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
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

Table 14
Historical Field Results for Natural Attenuation Parameters
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Well Number	Date Sampled	Temperature (^oC)	Nitrite (mg/l)	Sulfide (mg/l)	Ferrous Iron (mg/l)	ORP (mV)	Dissolved Oxygen (mg/l)	pH	Conductivity (µmhos)	Turbidity (NTU)
NC-1S contd.	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
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
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
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

Table 14
Historical Field Results for Natural Attenuation Parameters
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Well Number	Date Sampled	Temperature (^oC)	Nitrite (mg/l)	Sulfide (mg/l)	Ferrous Iron (mg/l)	ORP (mV)	Dissolved Oxygen (mg/l)	pH	Conductivity (µmhos)	Turbidity (NTU)
T-11 contd.	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

Data entered by ASL. Data QA/QC by SH.

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.
NTU = nephelometric turbidity units

Instrument Qualifiers:

L = Concentrations were above or below the measurable limits for the equipment.

Table 15
Laboratory Results for Natural Attenuation Parameters
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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)
S-12	2-Oct-03		5.6	200	<0.050	0.20	<5.0	6	1.4	NM
	14-Jan-04		12	270	<0.050	0.19	<5.0	<5.0	26	NM
	31-Mar-04		5.7	200	<0.050	0.15	<5.0	<5.0	3.2	NM
	24-Jun-04		11	230	0.053	0.22	<5.0	11	65	NM
	22-Sep-04		6.2	190	<0.050	0.22	<5.0	<5.0	17	NM
	2-Dec-04		6.7	200	<0.050	0.19	<5.0	<5.0	10	NM
	14-Mar-05		4.9	170	NM	0.27	<5.0	<5.0	4.3	NM
	10-May-05		5.2	220	<0.050	0.34	<10	<10	3.1	NM
	16-Aug-05		5.0	170	<0.050	0.25	<10	<10	2.5	NM
	2-Nov-05		5.0	180	0.130	2.70	<10	<10	3.0	NM
	14-Mar-06		0.94	170	0.140	1.80	<10	<10	11.0	NM
	22-May-06		0.81	170	<0.100	0.36	<5	<5000	2.6	NM
	20-Sep-06		0.76	160	<0.100	0.54	<10	<10	1.6	NM
	6-Dec-06		0.9	170	<0.100	0.32	<10	<10	2.2	NM
	21-May-07		0.88	160J	<0.100	NM	<10	<10	0.91	NM
	31-Oct-07		0.99	170	<0.100	NM	<25	<25	NM	NM
	4-Jun-08		0.76	140	<0.100	NM	<25	<25	NM	710
	5-Nov-08		0.85	160	<0.100	NM	<25	<25	NM	470
	12-May-09		0.71	140	<0.100	NM	<25	<25	NM	420
	12-Nov-09		0.86	160	<0.100	NM	<25	<25	NM	320
	27-May-10		0.50	140	<0.100	NM	<25	<25	NM	360
	17-Dec-10		0.68	140	0.130	NM	<25	<25	NM	2,800
	19-May-11		0.68	150	<0.100	NM	<25	<25	NM	240
	18-Nov-11		0.65	140	<0.100	NM	<25	31	NM	750
	13-Jun-12		0.69	140	<0.100	NM	<25	44	NM	270
	30-Nov-12		1.30	130	<0.100	NM	<25	<25	NM	340
	7-Jun-13	**	0.61	150	<0.100	NM	<25	<25	NM	1,400
	7-Nov-13		0.68	150	0.150	NM	53	<25	NM	360
S-16I	2-Oct-03		13	160	<0.050	<0.010	<5.0	<5.0	1.3	NM
	20-Jan-04		12	160	<0.050	<0.010	<5.0	<5.0	0.90	NM
	31-Mar-04		13	160	<0.050	<0.010	<5.0	6	1.1	NM
	24-Jun-04		37	190	<0.050	<0.010	<5.0	14	710	NM
	22-Sep-04		13	160	<0.050	<0.010	<5.0	8	47	NM
	2-Dec-04		17	170	<0.050	<0.010	<5.0	<5.0	0.94	NM
	10-Feb-05		13	170	0.066	<0.010	<5.0	<5.0	2.1	NM
	10-May-05		15	180	<0.050	<0.010	<10	<10	<1.0	NM
	16-Aug-05		12	140	<0.050	<0.010	<10	<10	<1.0	NM
	2-Nov-05		13	170	<0.050	<0.010	<10	<10	0.64	NM
	14-Mar-06		2.9	150	0.055	<0.010	<10	<10	0.94	NM
	19-May-06		2.9	150	<0.100	0.010	<5000	<5000	0.81	NM
	20-Sep-06		2.9	140	<0.100	<0.010	<10	<10	0.86	NM
	6-Dec-06		3.0	140	0.240	<0.0050	<10	<10	1.5	NM
	21-May-07		3.0	140J	<0.100	NM	<10	<10	0.77	NM
	31-Oct-07		3.0	140	<0.100	NM	<25	<25	NM	NM
	5-Jun-08		2.8	130	<0.100	NM	<25	<25	NM	350
	5-Nov-08		3.3	140	<0.100	NM	<25	<25	NM	<100
	12-May-09		3.0	120	<0.100	NM	<25	<25	NM	150
	12-Nov-09		3.4	140	<0.100	NM	<25	<25	NM	150
	27-May-10		3.2	130	<0.100	NM	<25	<25	NM	140
	17-Dec-10		3.0	130	<0.100	NM	<25	<25	NM	3,700
	19-May-11		3.1	130	<0.100	NM	<25	<25	NM	110
	18-Nov-11		3.1	130	<0.100	NM	<25	31	NM	110
	13-Jun-12		3.1	130	<0.100	NM	<25	50	NM	<100
	29-Nov-12		3.1	130	<0.100	NM	<25	<25	NM	760
	6-Jun-13	**	2.9	120	<0.100	NM	<25	<25	NM	250
	7-Nov-13		3.0	120	<0.100	NM	39	<25	NM	530

Table 15
Laboratory Results for Natural Attenuation Parameters
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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)
RA-1	6-Oct-03		17	200	<0.050	0.057	8	10	1.6	NM
	13-Jan-04		15	180	<0.050	0.064	6	7	0.65	NM
	31-Mar-04		16	200	<0.050	0.056	7	8	1.8	NM
	24-Jun-04		30	240	<0.050	0.053	7	14	680	NM
	22-Sep-04		17	170	0.20	<0.010	<5.0	8	17	NM
	2-Dec-04		20	200	<0.050	<0.010	<5.0	<5.0	0.81	NM
	10-Feb-05		16	180	<0.050	<0.010	<5.0	<5.0	0.38	NM
	11-May-05		16	220	<0.050	<0.010	<10	<10	1.40	NM
	17-Aug-05		14	200*	<0.050	<0.010	<10	<10	<1.0	NM
	4-Nov-05		18	190	<0.050	<0.010	<10	<10	1.0	NM
	4-Nov-05	duplicate	17	190	<0.050	<0.010	<10	<10	<0.60	NM
	14-Mar-06		NS	NS	NS	NS	NS	NS	NS	NS
	18-May-06		NS	NS	NS	NS	NS	NS	NS	NS
	20-Sep-06		NS	NS	NS	NS	NS	NS	NS	NS
	5-Dec-06		NS	NS	NS	NS	NS	NS	NS	NS
	31-Dec-07		NS	NS	NS	NS	NS	NS	NS	NS
	5-Jun-08		NS	NS	NS	NS	NS	NS	NS	NS
	12-Nov-09		NS	NS	NS	NS	NS	NS	NS	NS
	27-May-10		NS	NS	NS	NS	NS	NS	NS	NS
	16-Dec-10		NS	NS	NS	NS	NS	NS	NS	NS
	15-May-11		NS	NS	NS	NS	NS	NS	NS	NS
	18-Nov-11		NS	NS	NS	NS	NS	NS	NS	NS
	13-Jun-12		NS	NS	NS	NS	NS	NS	NS	NS
	30-Nov-12		NS	NS	NS	NS	NS	NS	NS	NS
	6-Jun-13		NS	NS	NS	NS	NS	NS	NS	NS
	8-Nov-13		NS	NS	NS	NS	NS	NS	NS	NS
T-32I	6-Oct-03		6.6	210	<0.050	0.048	14	30	33	NM
	6-Oct-03	duplicate	7.6	220	<0.050	0.049	14	32	1.9	NM
	13-Jan-04		6.7	210	<0.050	0.067	13	21	2.6	NM
	31-Mar-04		7.3	200	<0.050	0.050	13	23	1.1	NM
	31-Mar-04	duplicate	7.5	200	<0.050	0.048	na	na	na	NM
	24-Jun-04		16.0	260	<0.050	0.025	14	40	160	NM
	22-Sep-04		7.5	190	<0.050	0.052	15	27	8.0	NM
	2-Dec-04		9.3	200	<0.050	0.034	16	21	0.83	NM
	10-Feb-05		7.6	190	<0.050	0.048	12	19	0.03	NM
	11-May-05		8.4	220	<0.050	0.051	13	26	<1.0	NM
	17-Aug-05		7.2	200*	<0.050	0.054	12	23	<1.0	NM
	4-Nov-05		7.7	190	<0.050	0.046	16	23	0.61	NM
	14-Mar-06		NS	NS	NS	NS	NS	NS	NS	NS
	18-May-06		NS	NS	NS	NS	NS	NS	NS	NS
	20-Sep-06		NS	NS	NS	NS	NS	NS	NS	NS
	5-Dec-06		NS	NS	NS	NS	NS	NS	NS	NS
	31-Oct-07		NS	NS	NS	NS	NS	NS	NS	NS
	5-Jun-08		NS	NS	NS	NS	NS	NS	NS	NS
	12-Nov-09		NS	NS	NS	NS	NS	NS	NS	NS
	27-May-10		NS	NS	NS	NS	NS	NS	NS	NS
	16-Dec-10		NS	NS	NS	NS	NS	NS	NS	NS
	19-May-11		NS	NS	NS	NS	NS	NS	NS	NS
	18-Nov-11		NS	NS	NS	NS	NS	NS	NS	NS
	13-Jun-12		NS	NS	NS	NS	NS	NS	NS	NS
	30-Nov-12		NS	NS	NS	NS	NS	NS	NS	NS
	6-Jun-13		NS	NS	NS	NS	NS	NS	NS	NS
	8-Nov-13		NS	NS	NS	NS	NS	NS	NS	NS
E-2	6-Oct-03		7.5	320	<0.050	0.65	41	43	1.2	NM
	20-Jan-04		6.8	310	<0.050	0.66	26	22	0.92	NM
	30-Mar-04		6.7	360	<0.050	0.96	28	32	0.95	NM
	25-Jun-04		13.0	530	<0.050	1.40	39	42	150	NM

Table 15
Laboratory Results for Natural Attenuation Parameters
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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)
E-2 contd.	25-Jun-04		13.0	540	<0.050	1.30	34	85	na	NM
	20-Sep-04		8.0	370	<0.050	1.30	36	36	13	NM
	30-Nov-04		8.8	420	<0.050	0.80	36	28	0.45	NM
	9-Feb-05		6.1	350	<0.050	0.74	22	22	0.29	NM
	12-May-05		6.4	410	<0.050	1.30	26	36	<1.0	NM
	17-Aug-05		5.7	320*	<0.050	1.40	26	35	<1.0	NM
	1-Nov-05		6.5	300	<0.050	1.20	39	49	1.1	NM
	15-Mar-06		1.2	280	0.058	0.66	27	32	0.98	NM
	15-Mar-06	duplicate	1.2	280	0.055	0.64	27	31	1.2	NM
	22-May-06		1.7	290	<0.100	1.30	<5000	<5000	0.94	NM
	20-Sep-06		1.5	260	<0.100	1.30	31	36	1.1	NM
	6-Dec-06		1.3	240	<0.100	0.54	16	60	1.6	NM
	22-May-07		1.2	240	<0.100	NM	25	48	0.90	NM
	1-Nov-07		0.9	240	<0.100	NM	34	150	NM	NM
	3-Jun-08		1.0	230	<0.100	NM	26	56	NM	2,800
	5-Nov-08		1.0	230	<0.100	NM	31	730	NM	19,000
	13-May-09		0.8	220	<0.100	NM	32	77	NM	4,900
	12-Nov-09		0.9	230	<0.100	NM	30	98	NM	5,700
	26-May-10		0.87	240	<0.100	NM	<25	32	NM	2,800
	16-Dec-10		0.85	210	2.000	NM	<25	65	NM	1,100
	18-May-11		0.98	240	<0.100	NM	28	80	NM	2,200
	16-Nov-11		0.96	210	<0.100	NM	26	490	NM	2,600
	12-Jun-12		0.65	180	<0.100	NM	<25	250	NM	46,000
	30-Nov-12		0.58	170	<0.100	NM	26	78	NM	55,000
	7-Jun-13	**	0.47	180	<0.100	NM	91	100	NM	140,000
	8-Nov-13		0.39	180	<0.100	NM	120	150	NM	23,000
E-11	6-Oct-03		<0.50	270	<0.050	0.016	13	21	1.4	NM
	15-Jan-04		5.0	290	<0.050	0.01	16	19	0.79	NM
	30-Mar-04		5.6	250	<0.050	0.019	15	23	0.96	NM
	25-Jun-04		13.0	390	<0.050	0.011	12	22	800	NM
	21-Sep-04		7.0	270	<0.050	0.015	13	15	13	NM
	1-Dec-04		9.4	250	<0.050	0.023	8.5	14	0.80	NM
	9-Feb-05		7.5	210	<0.050	<0.010	6.0	9.4	0.27	NM
	12-May-05		8.4	260	<0.050	<0.010	<10	14	<1.0	NM
	17-Aug-05		7.2	210*	<0.050	0.014	<10	13	<1.0	NM
	1-Nov-05		8.2	200	<0.050	<0.010	<10	<10	1.6	NM
	15-Mar-06		1.6	210	0.072	<0.010	<10	12	0.95	NM
	22-May-06		1.8	210	<0.100	<0.010	<5000	<5000	0.87	NM
	20-Sep-06		1.8	190	<0.100	0.024	<10	14	1.0	NM
	6-Dec-06		1.8	190	<0.100	0.0075	<10	<10	1.4	NM
	23-May-07		1.8	180	<0.100	NM	<10	13	0.77	NM
	1-Nov-07		1.8	190	<0.100	NM	<25	36	NM	NM
	4-Jun-08		1.8	170	<0.100	NM	<25	<25	NM	2,400
	5-Nov-08		2.0	180	<0.100	NM	<25	64	NM	64,000
	13-May-09		1.8	160	<0.100	NM	<25	29	NM	18,000
	16-Nov-09		2.0	180	<0.100	NM	<25	47	NM	50,000
	26-May-10		2.0	170	<0.100	NM	<25	<25	NM	1,700
	17-Dec-10		2.0	160	<0.100	NM	<25	48	NM	13,000
	18-May-11		2.1	180	<0.100	NM	<25	32	NM	620
	16-Nov-11		2.1	170	<0.100	NM	<25	490	NM	410
	12-Jun-12		2.0	160	<0.100	NM	<25	44	NM	<100
	30-Nov-12		2.1	150	<0.100	NM	<25	27	NM	280
	7-Jun-13	**	2.0	150	<0.100	NM	<25	<25	NM	1,300
	8-Nov-13		2.1	150	0.130	NM	96.0	<25	NM	1,200
E-9	2-Oct-03		2.3	120	<0.050	0.05	24	14	3.8	NM
	14-Jan-04		<0.50	260	<0.050	0.32	22	14	0.84	NM
	30-Mar-04		<0.50	250	0.100	0.28	20	17	1.0	NM
	23-Jun-04		11.0	380	0.078	na	29	29	140	NM
	21-Sep-04		1.2	280	0.059	0.69	22	13	20	NM

Table 15
Laboratory Results for Natural Attenuation Parameters
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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)
E-9 contd.	1-Dec-04		<0.50	320	<0.050	0.85	21	39	1.3	NM
	9-Feb-05		1.0	350	<0.050	0.53	46	21	0.36	NM
	11-May-05		<0.5	490	<0.050	0.093	44	18	<1.0	NM
	18-Aug-05		1.0	350	0.076	0.960	85	38	2.3	NM
	4-Nov-05		1.0	350	0.073	0.420	19	22	1.5	NM
	15-Mar-06		<0.05	340	0.100	0.790	16	15	1.4	NM
	19-May-06		<0.05	340	<0.100	0.180	<5000	<5000	0.90	NM
	20-Sep-06		0.75	7.4	0.230	0.087	<10	<10	1.5	NM
	5-Dec-06		<0.05	230	0.180	4.90	20	45	2.5	NM
	22-May-07		<0.05	240	<0.100	NM	<10	15	1.1	NM
	5-Nov-07		<0.05	310	<0.100	NM	<25	320	NM	NM
	4-Jun-08		<0.05	280	<0.100	NM	<25	63	NM	4,100
	5-Nov-08		<0.05	280	<0.100	NM	<25	94	NM	8,900
	12-May-09		<0.05	250	<0.100	NM	<25	33	NM	860
	16-Nov-09		0.06	260	<0.100	NM	<25	670	NM	12,000
	27-May-10		0.05	230	<0.100	NM	<25	34	NM	1,000
	17-Dec-10		0.20	220	0.110	NM	<25	180	NM	39,000
	18-May-11		<0.05	240	<0.100	NM	<25	190	NM	110,000
	18-Nov-11		0.05	250	0.410	NM	32	1200	NM	520,000
	13-Jun-12		<0.05	230	<0.100	NM	<25	100	NM	17,000
	30-Nov-12		0.24	210	<0.100	NM	50	290	NM	47,000
	7-Jun-13	**	<0.25	210	<0.100	NM	<25	190	NM	48,000
	7-Nov-13		<0.05	220	<0.100	NM	48	270	NM	32,000
E-15I	30-Sep-03		<0.50	360	<0.050	0.80	25	20	1.9	NM
	14-Jan-04		11.0	480	<0.050	0.76	23	13	0.84	NM
	30-Mar-04		2.6	380	<0.050	0.82	26	25	0.99	NM
	23-Jun-04		13.0	600	<0.050	na	29	25	450	NM
	21-Sep-04		1.4	470	<0.050	0.90	22	22	0.99	NM
	1-Dec-04		1.5	510	<0.050	0.80	32	22	0.77	NM
	9-Feb-05		1.2	480	2.9	0.90	29	19	0.33	NM
	11-May-05		<0.5	630	<0.050	0.27	20	28	<1.0	NM
	18-Aug-05		1.0	460	<0.050	0.88	28	26	1.2	NM
	4-Nov-05		1.0	490	<0.050	0.87	36	40	0.87	NM
	15-Mar-06		<0.05	450	0.110	0.82	30	22	2.2	NM
	19-May-06		<0.05	450	0.350	1.30	<5000	<5000	1.2	NM
	20-Sep-06		<0.05	430	<0.100	0.710	30	32	2.3	NM
	5-Dec-06		<0.05	450	<0.100	0.810	12	15	1.6	NM
	23-May-07		<0.05	430	<0.100	NM	29	19	0.90	NM
	5-Nov-07		<0.05	450	<0.100	NM	95	110	NM	NM
	4-Jun-08		<0.05	410	<0.100	NM	38	27	NM	3,400
	5-Nov-08		0.14	450	<0.100	NM	50	26	NM	5,600
	12-May-09		<0.05	390	<0.100	NM	34	66	NM	2,000
	16-Nov-09		<0.05	440	<0.100	NM	60	100	NM	7,200
	27-May-10		0.05	430	<0.100	NM	26	<25	NM	680
	17-Dec-10		<0.05	430	<0.100	NM	74	100	NM	16,000
	18-May-11		<0.05	460	<0.100	NM	<25	40	NM	670
	18-Nov-11		<0.05	460	0.110	NM	54	540	NM	14,000
	13-Jun-12		<0.05	440	<0.100	NM	<25	70	NM	540
	30-Nov-12		<0.05	420	<0.100	NM	70	140	NM	11,000
	7-Jun-13	**	<0.50	430	<0.100	NM	31	160	NM	6,800
	7-Nov-13		<0.05	410	0.180	NM	53	650	NM	12,000
NC-1S	1-Oct-03		<0.50	360	<0.050	<0.010	15	18	1.4	NM
	13-Jan-04		<0.50	400	<0.050	<0.010	12	18	1.3	NM
	29-Mar-04		2.4	320	<0.050	0.024	15	29	1.9	NM
	23-Jun-04		16.0	410	<0.050	na	18	36	940	NM
	21-Sep-04		2.3	320	<0.050	<0.010	12	24	4.3	NM
	1-Dec-04		1.7	370	<0.050	<0.010	12	14	0.88	NM

Table 15
Laboratory Results for Natural Attenuation Parameters
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
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)
NC-1S contd.	10-Feb-05		1.0	290	0.090	<0.010	11	11	0.40	NM
	11-May-05		1.1	330	<0.050	0.017	14	29	<1.0	NM
	16-Aug-05		0.9	260	<0.050	0.011	<10	11	<1.0	NM
	1-Nov-05		1.0	270	0.059	0.016	<10	<10	1.5	NM
	14-Mar-06		<0.05	250	0.092	0.022	13	18	1.8	NM
	19-May-06		<0.05	240	<0.100	<0.010	<5000	<5000	1.1	NM
	20-Sep-06		<0.05	230	<0.100	<0.010	<10	<10	1.2	NM
	6-Dec-06		<0.05	240	<0.100	0.013	<10	<10	1.4	NM
	21-May-07		<0.05	230J	<0.100	NM	<10	13	0.95	NM
	1-Nov-07		<0.05	260	<0.100	NM	<25	<25	NM	NM
	3-Jun-08		<0.05	250	<0.100	NM	<25	<25	NM	4,400
	6-Nov-08		0.09	300	<0.100	NM	<25	28	NM	9,500
	12-May-09		<0.05	290	<0.100	NM	<25	30	NM	2,600
	16-Nov-09		<0.05	310	<0.100	NM	<25	57	NM	1,800
	27-May-10		<0.05	300	<0.100	NM	<25	27	NM	5,300
	16-Dec-10		<0.05	310	<0.100	NM	<25	53	NM	4,400
	19-May-11		<0.05	340	<0.100	NM	<25	32	NM	1,300
	18-Nov-11		0.24	370	<0.100	NM	<25	42	NM	4,100
	13-Jun-12		<0.05	340	0.150	NM	<25	67	NM	8,200
	30-Nov-12		2.6	15	1.10	NM	<25	26	NM	43,000
	6-Jun-13	**	<0.50	290	0.11	NM	<25	47	NM	18,000
	7-Nov-13		<0.05	280	0.23	NM	48	120	NM	36,000
NC2I	1-Oct-03		<0.50	390	<0.050	0.021	12	49	2.4	NM
	13-Jan-04		<0.50	450	<0.050	0.089	14	52	0.58	NM
	29-Mar-04		1.6	360	<0.050	<0.010	6	16	1.2	NM
	23-Jun-04		5.5	520	<0.050	<0.010	7	28	17	NM
	21-Sep-04		1.5	390	<0.050	0.030	13	46	3.9	NM
	1-Dec-04		<0.50	460	<0.050	0.060	15	30	0.75	NM
	9-Feb-05		1.1	390	<0.050	0.12	14	35	0.25	NM
	11-May-05		<0.5	520	<0.050	0.018	12	14	<1.0	NM
	16-Aug-05		1.0	420	<0.050	0.035	13	12	<1.0	NM
	1-Nov-05		1.2	420	<0.050	0.160	14	50	1.2	NM
	14-Mar-06		<0.05	390	0.073	0.091	<10	16	2.7	NM
	19-May-06		0.05	390	<0.100	0.044	<5000	<5000	1.2	NM
	20-Sep-06		<0.05	360	<0.100	0.036	11	23	1.1	NM
	5-Dec-06		<0.05	370	<0.100	0.095	<10	13	1.4	NM
	21-May-07		<0.05	370J	<0.100	NM	<10	13	0.88	NM
	1-Nov-07		<0.05	340	<0.100	NM	<25	59	NM	NM
	3-Jun-08		<0.05	340	<0.100	NM	<25	<25	NM	2,600
	6-Nov-08		<0.05	370	<0.100	NM	<25	110	NM	5,300
	12-May-09		<0.05	330	<0.100	NM	<25	34	NM	2,000
	16-Nov-09		<0.05	350	<0.100	NM	<25	110	NM	3,500
	27-May-10		0.16	300	<0.100	NM	<25	33	NM	1,000
	16-Dec-10		<0.05	300	<0.100	NM	<25	130	NM	14,000
	19-May-11		<0.05	300	<0.100	NM	<25	39	NM	320
	18-Nov-11		<0.05	290	<0.100	NM	25	360	NM	5,900
	13-Jun-12		<0.05	250	<0.100	NM	<25	51	NM	1,700
	30-Nov-12		0.26	310	<0.100	NM	140	120	NM	18,000
	6-Jun-13	**	<0.25	240	<0.100	NM	<25	<25	NM	1,500
	7-Nov-13		0.80	230	<0.100	NM	54	130	NM	29,000
PZ-2S	21-May-07		3.70	160J	<0.100	NM	25	16	0.91	NM
	30-Oct-07		3.40	150	<0.100	NM	27	<25	NM	NM
	4-Jun-08		3.30	140	<0.100	NM	<25	<25	NM	220,000
	5-Nov-08		3.30	160	<0.100	NM	<25	<25	NM	520
	12-May-09		3.00	140	<0.100	NM	36	47	NM	360
	12-Nov-09		3.60	150	<0.100	NM	<25	700	NM	7,200
	27-May-10		2.80	150	<0.100	NM	26	30	NM	340
	16-Dec-10		3.20	140	<0.100	NM	27	55	NM	870

Table 15

Laboratory Results for Natural Attenuation Parameters

Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities

Mountain View, California

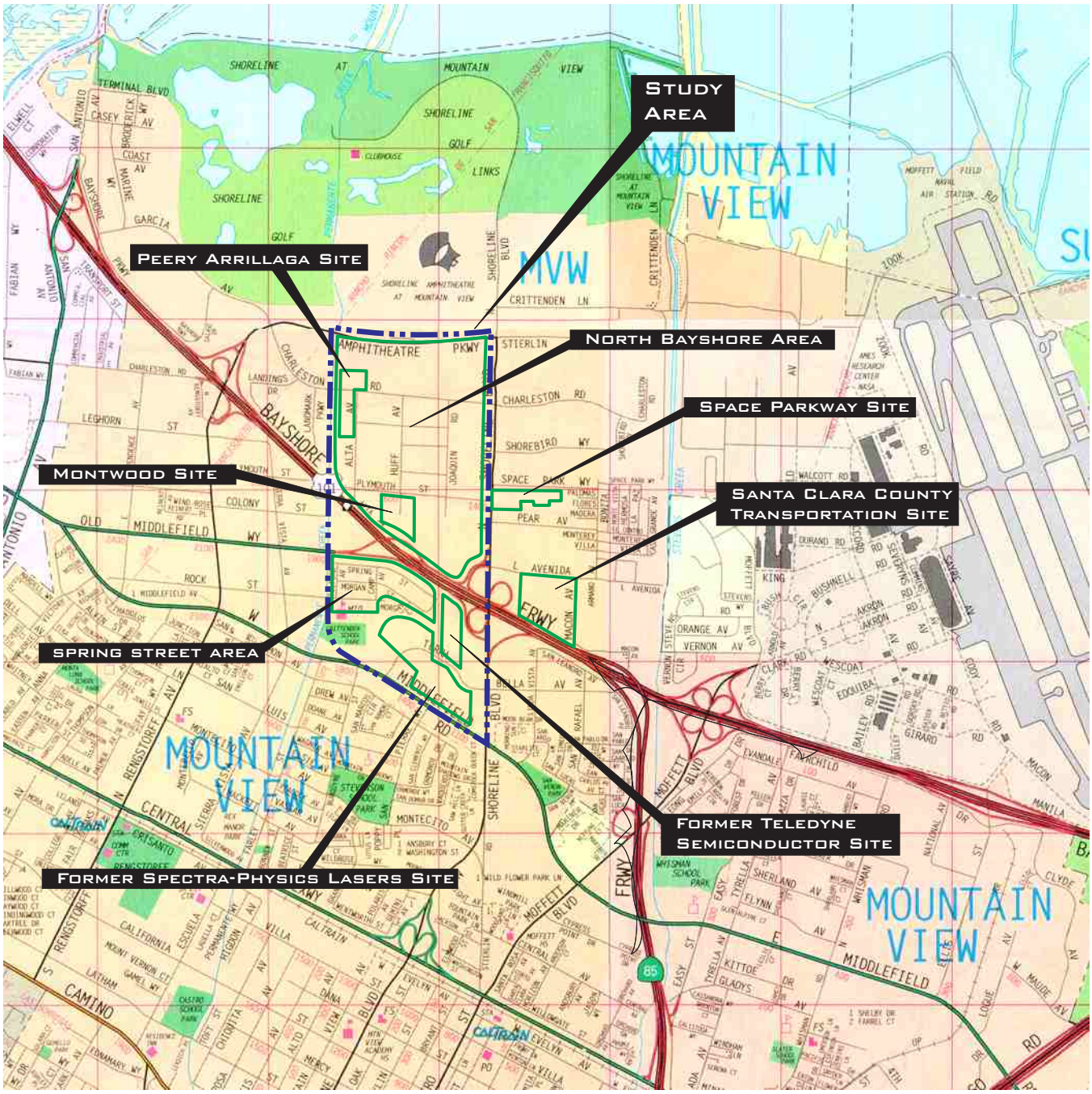
Well Number	Date Sampled	Notes	Nitrate (mg/l)	Sulfate (mg/l)	Total Iron (mg/l)	Manganese (mg/l)	Ethane (ng/l)	Ethene (ng/l)	Hydrogen (nM)	Methane (ng/l)
PZ-2S contd.	19-May-11		0.71	150	<0.100	NM	38	55	NM	360
	18-Nov-11		<0.05	6.6	1.10	NM	940	350,000	NM	13,000,000
	13-Jun-12		<0.05	19	1.50	NM	6,400	90,000	NM	19,000,000
	29-Nov-12		<0.05	100	1.30	NM	4,500	76,000	NM	24,000,000
	6-Jun-13	**	<0.25	110	1.00	NM	4,500	39,000	NM	18,000,000
	8-Nov-13		<0.05	120	1.20	NM	1,800	6,500	NM	17,000,000
T-11	21-May-07		<0.05	120J	0.26	NM	<10	100	2.0	NM
	30-Oct-07		0.20	120	0.410	NM	<25	190	NM	NM
	4-Jun-08		<0.05	94	0.480	NM	<25	620	NM	2,100,000
	5-Nov-08		<0.05	120	0.950	NM	<25	760	NM	100,000
	12-May-09		<0.05	110	0.790	NM	<25	370	NM	41,000
	12-Nov-09		<0.05	120	0.480	NM	<25	<25	NM	140
	27-May-10		<0.05	110	0.490	NM	<25	430	NM	17,000
	16-Dec-10		<0.05	110	0.470	NM	<25	480	NM	15,000
	19-May-11		<0.05	120	0.670	NM	<25	270	NM	10,000
	18-Nov-11		0.07	120	0.950	NM	<25	620	NM	8,700
	13-Jun-12		0.1	110	0.560	NM	<25	180	NM	5,200
	29-Nov-12		<0.05	110	0.510	NM	<25	310	NM	12,000
	6-Jun-13	**	0.37	110	0.580	NM	<25	170	NM	10,000
	8-Nov-13		<0.05	110	0.610	NM	26	360	NM	20,000
ES3I	7-Nov-13	***	NM	NM	NM	NM	150	840	NM	1,300,000
ES4I	7-Nov-13	***	NM	NM	NM	NM	6,400	26,000	NM	8,600,000
ES5S	7-Nov-13	***	NM	NM	NM	NM	2,800	1,400	NM	3,200,000
MS4S	7-Nov-13	***	NM	NM	NM	NM	<25	31	NM	230,000
MS6I	7-Nov-13	***	NM	NM	NM	NM	<25	33	NM	3,300
MS10S	8-Nov-13	***	NM	NM	NM	NM	<25	58	NM	350
PS3I	8-Nov-13	***	NM	NM	NM	NM	<25	220	NM	260,000
PS4S	8-Nov-13	***	NM	NM	NM	NM	<25	32	NM	140,000
PS5I	8-Nov-13	***	NM	NM	NM	NM	<25	<25	NM	64,000

Data entered by ASL. Data QA/QC by SH.

Notes:

Analyses for gases performed by Microseeps, Inc., of Pittsburgh, Pennsylvania.

* = 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 onsite 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.



0 1/2 MILE

GRAPHIC SCALE

SOURCE: THOMAS BROS GUIDE

FORMER SPECTRA-PHYSICS LASERS AND
FORMER TELEDYNE SEMICONDUCTOR FACILITIES
MOUNTAIN VIEW, CALIFORNIA

SITE VICINITY MAP AND PROPERTY LOCATIONS

ARCADIS

FIGURE
1

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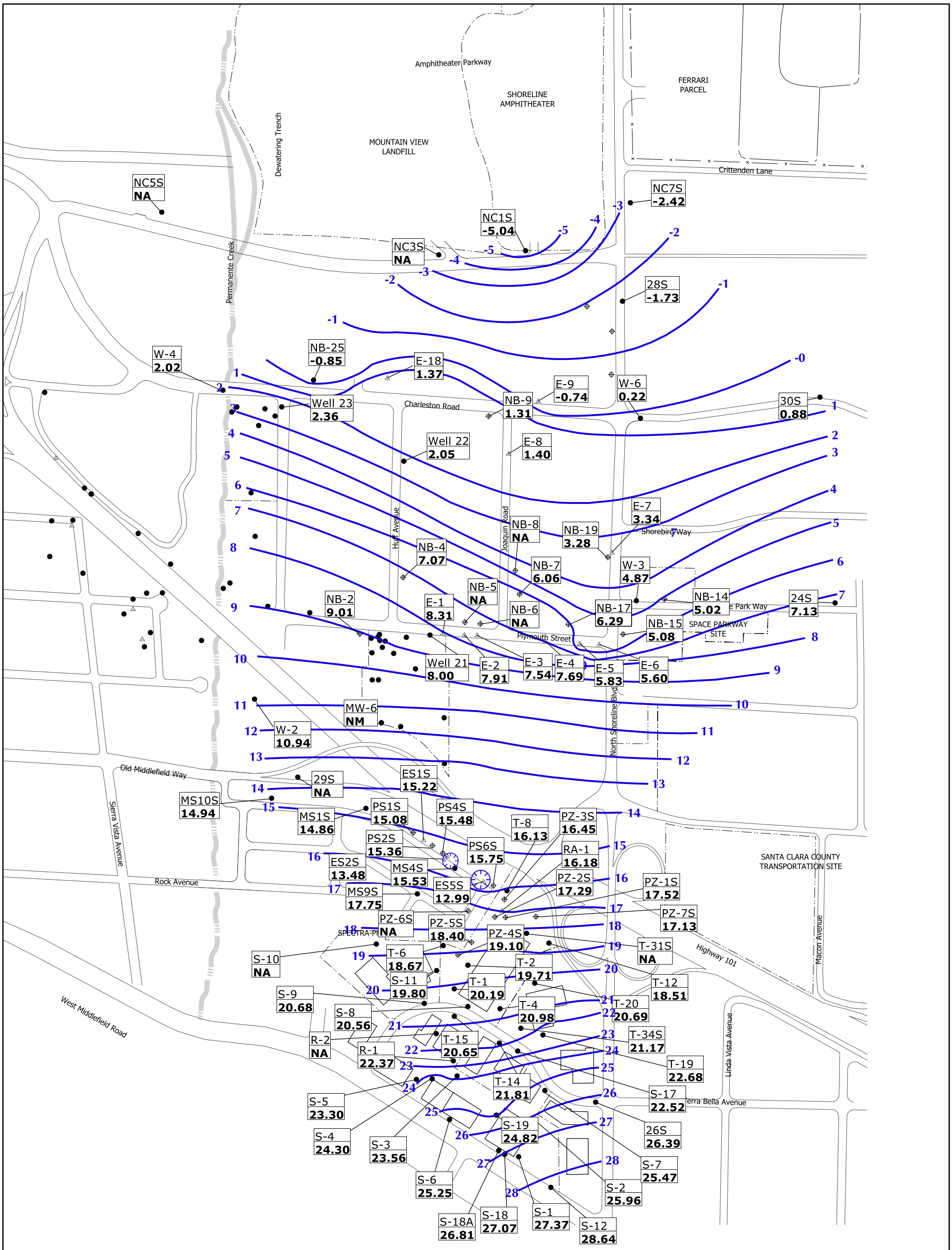

LEGEND

S-6	Well Identification
25.25	Groundwater elevation in feet (relative to mean sea level)
NM	Denotes water level not measured
NA	Not Accessible
24	Groundwater Elevation Contour
	Depression in Groundwater Elevation
△	Shallow-Zone Extraction Well
●	Shallow-Zone Monitoring Well
⊕	Shallow-Zone Piezometer
*	Data not used in contouring

600 0 600 Feet

Former Spectra-Physics Lasers, Former Teledyne Semiconductor

Shallow - Zone Groundwater Elevations November 14, 2013

ARCADIS

Figure 2

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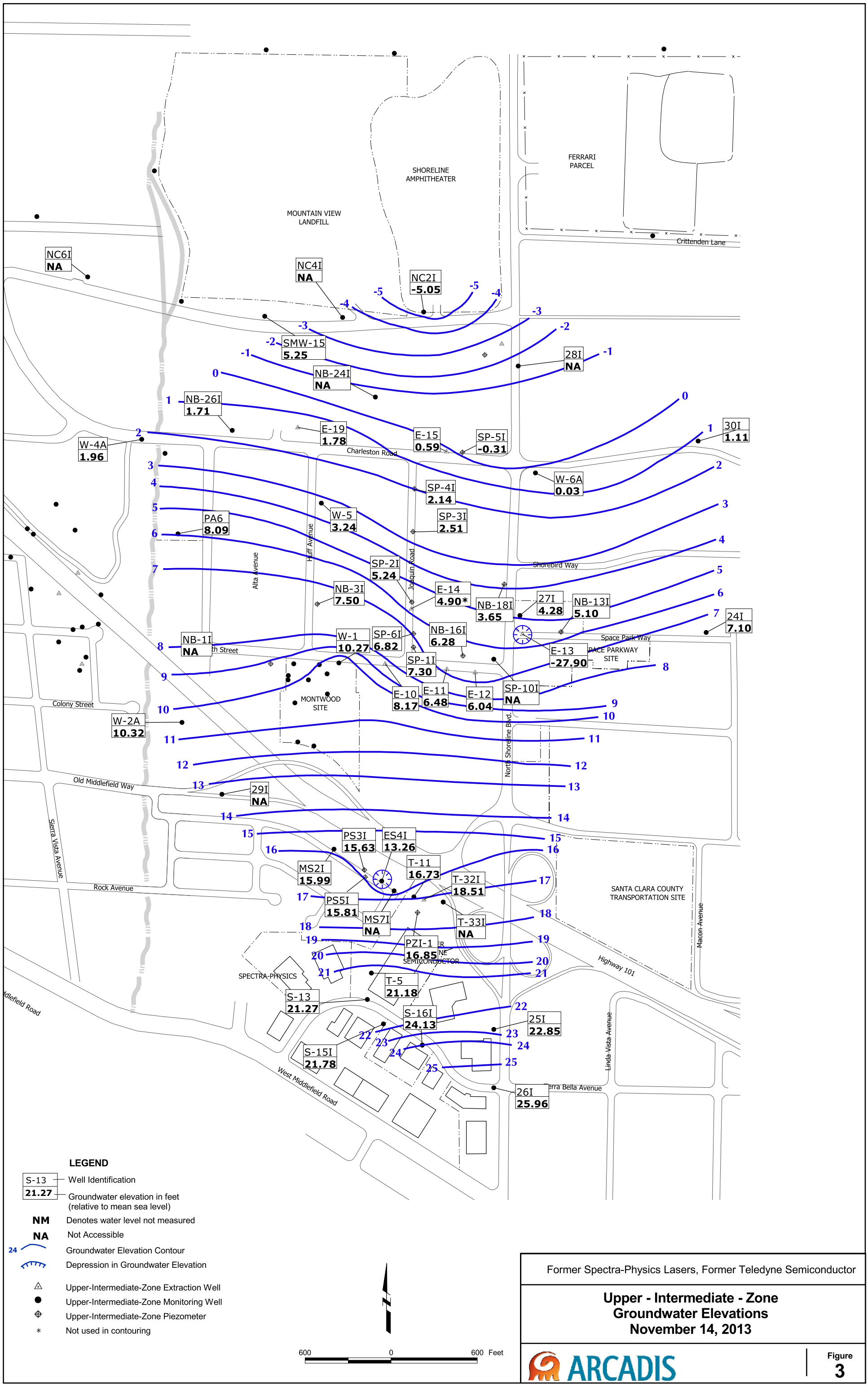

Former Spectra-Physics Lasers, Former Teledyne Semiconductor

Upper - Intermediate - Zone Groundwater Elevations November 14, 2013

ARCADIS

Figure 3

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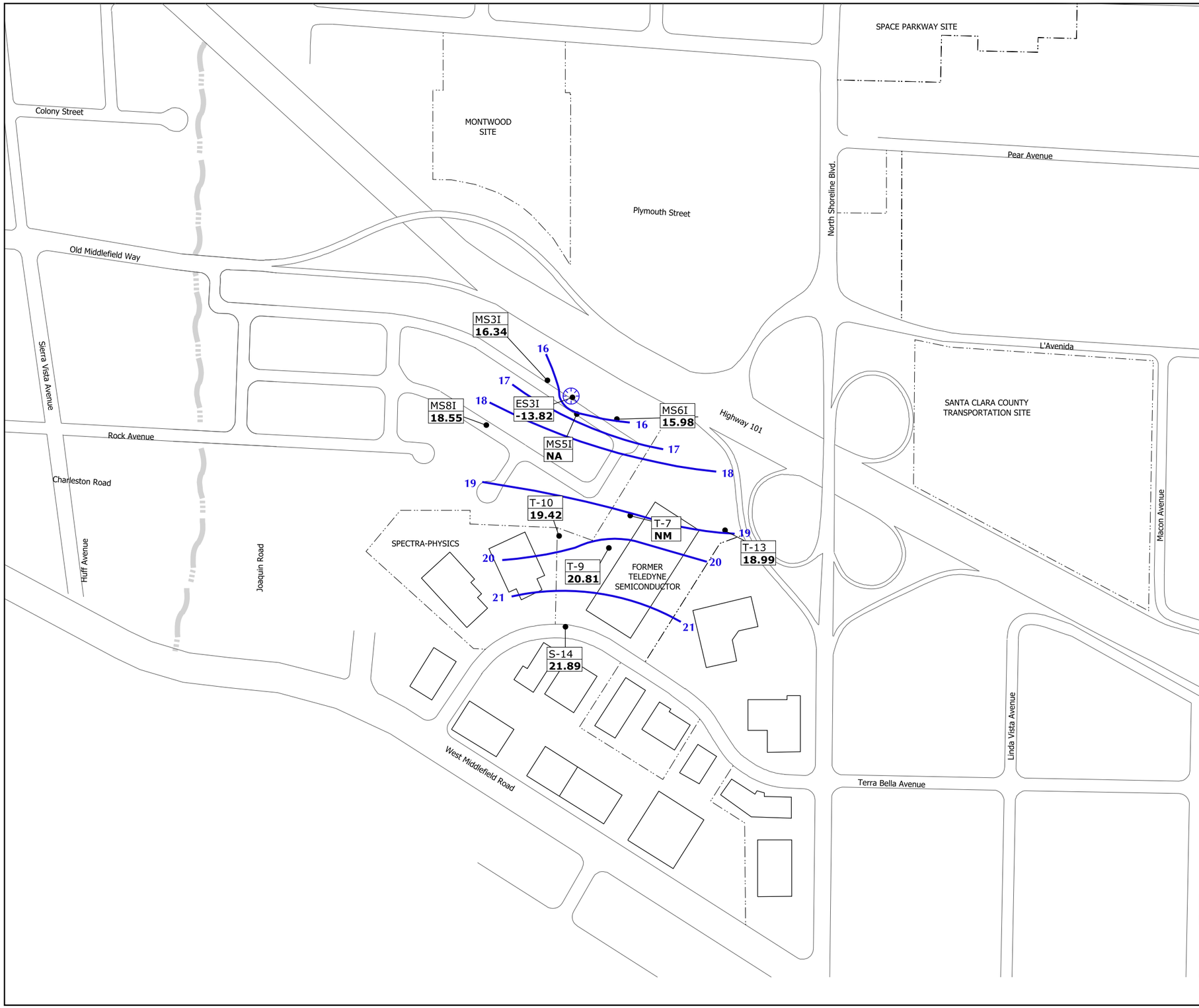

LEGEND

- 21 Groundwater Elevation Contour
- Depression in Groundwater Elevation
- Lower-Intermediate-Zone Extraction Well
- Lower-Intermediate-Zone Monitoring Well
- Lower-Intermediate-Zone Piezometer
- T-13 — Well Identification
- 18.99 — Groundwater elevation in feet (relative to mean sea level)
- **DRY** WELL DRY
- **NM** NOT MEASURED

400 0 400 Feet

Former Spectra-Physics Lasers, Former Teledyne Semiconductor

Lower - Intermediate - Zone Groundwater Elevations November 14, 2013

ARCADIS

Figure 4

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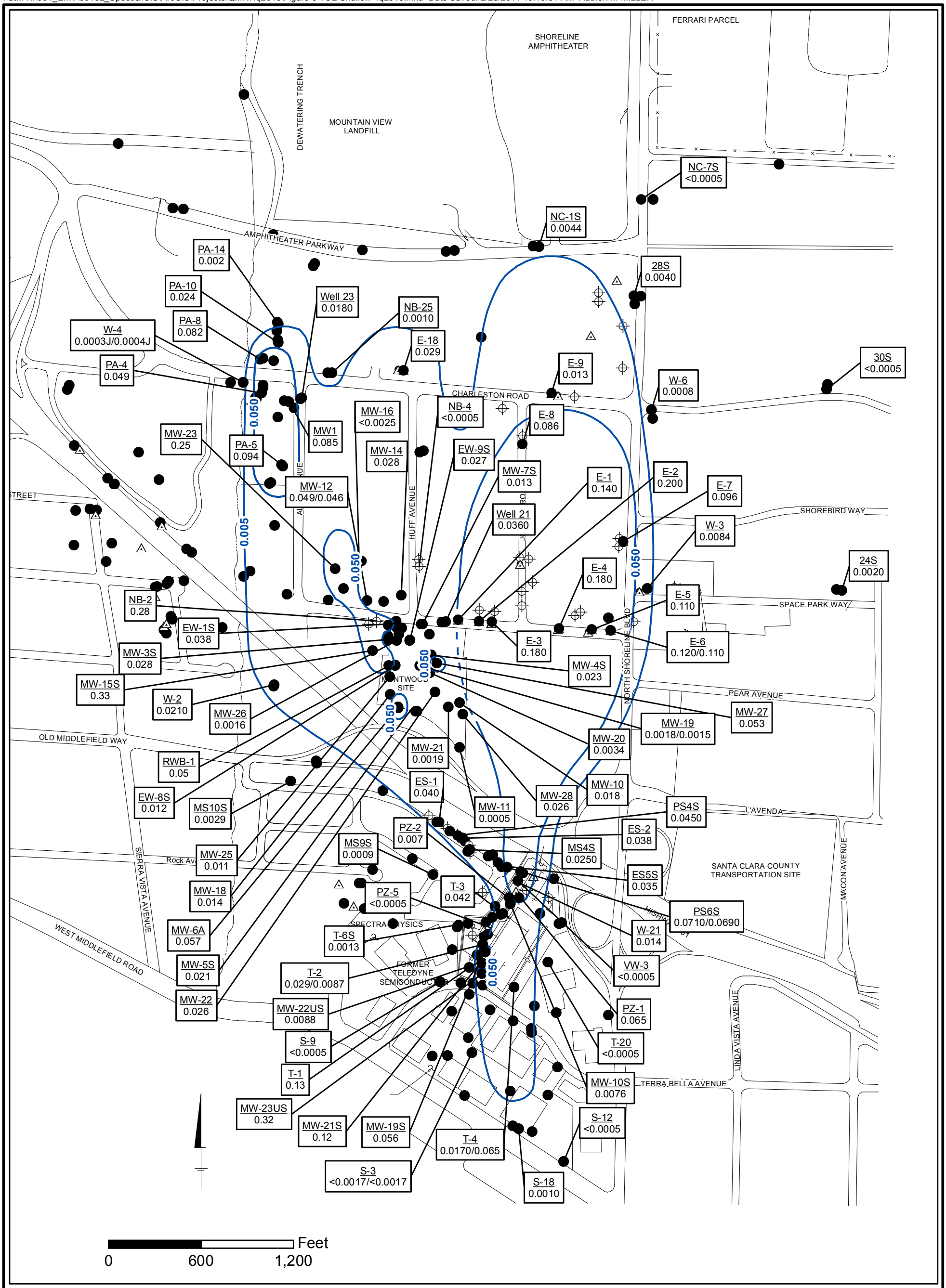

LEGEND

- EXTRACTION
- MONITORING WELL
- PIEZOMETER
- TCE ISOCONCENTRATION CONTOUR (DASHED WHERE INFERRED)

TCE TRICHLOROETHENE
< CONCENTRATION NOT DETECTED ABOVE LABORATORY DETECTION LIMIT

S-18 0.0010 — 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 FOURTH QUARTER 2013

ARCADIS

FIGURE
5

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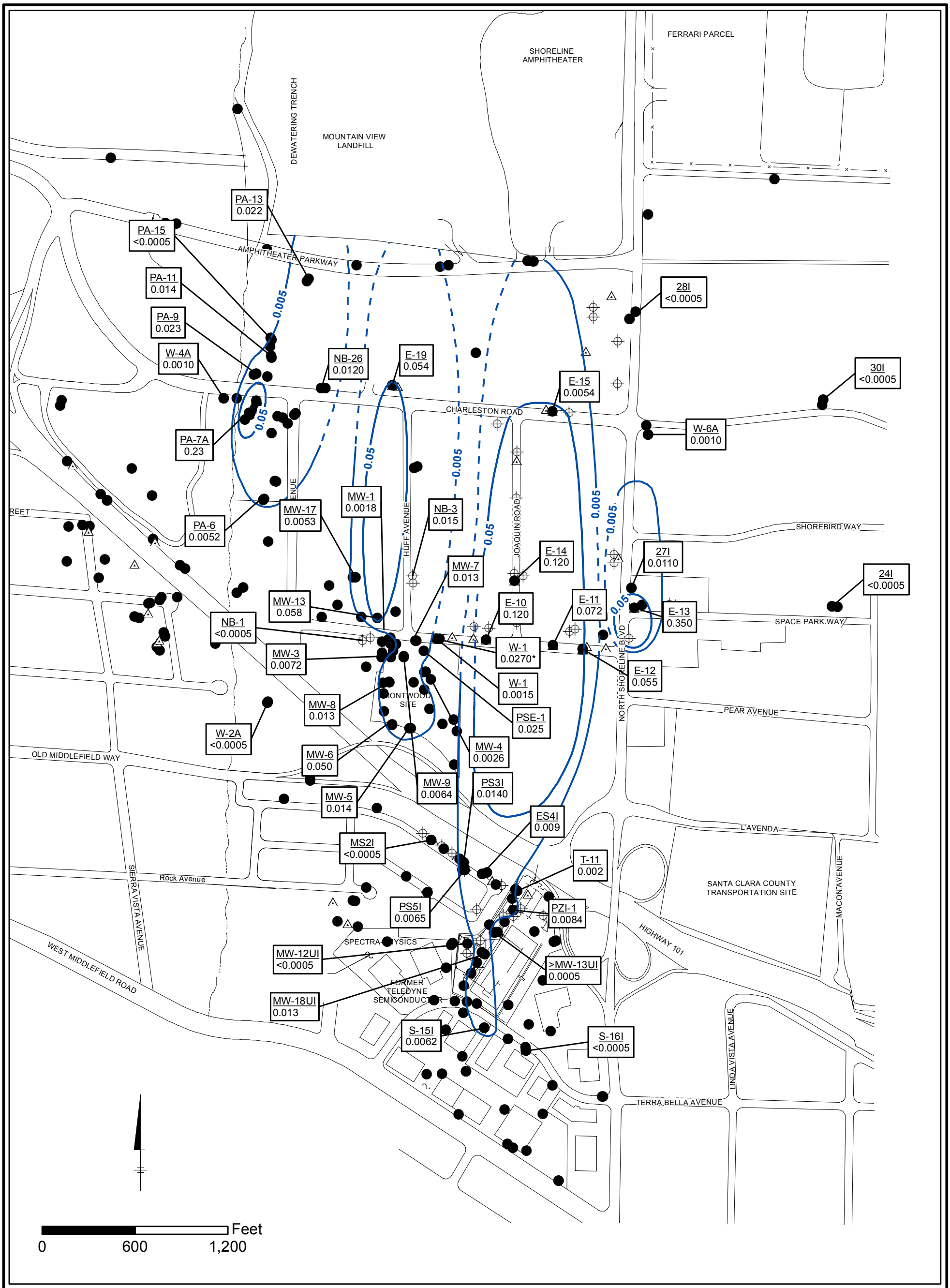


LEGEND

- EXTRACTION
- MONITORING WELL
- PIEZOMETER
- TCE ISCONCENTRATION CONTOURS (DASHED WHERE INFERRED)

TCE TRICHLOROETHENE
< CONCENTRATION NOT DETECTED ABOVE LABORATORY DETECTION LIMIT
* DATA COLLECTED IN NOVEMBER 2013; NOT USED IN CONTOURING

S-15I — WELL IDENTIFICATION
0.0062 — TCE CONCENTRATION RESULTS EXPRESSED IN PARTS PER MILLION

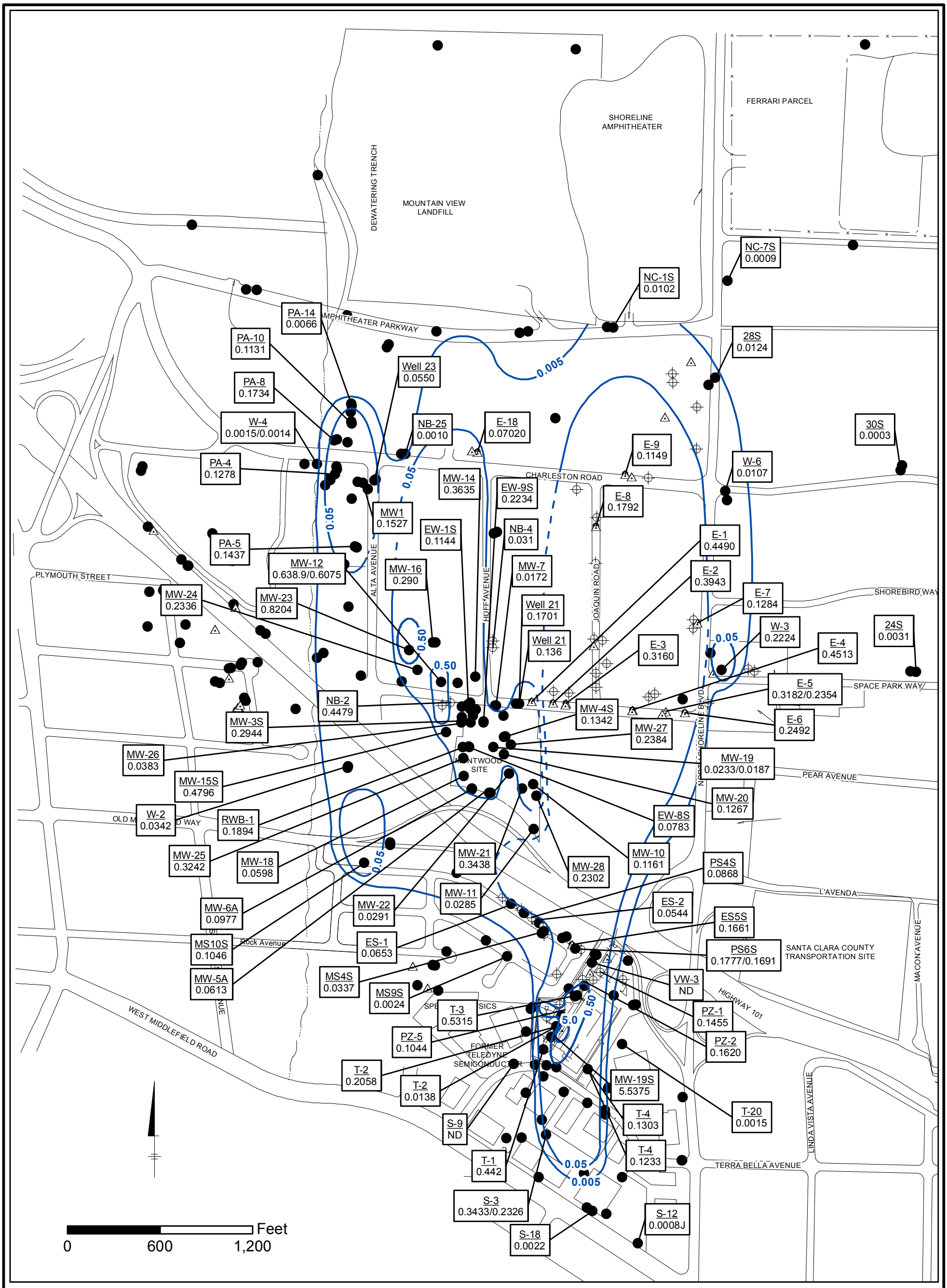
FORMER SPECTRA-PHYSICS AND FORMER TELEDYNE SEMICONDUCTOR FACILITIES, MOUNTAIN VIEW CALIFORNIA,
SEMIANNUAL GROUNDWATER MONITORING REPORT

UPPER-INTERMEDIATE-ZONE TCE CONCENTRATIONS FOURTH QUARTER 2013

ARCADIS

FIGURE
6

Path: K:\001_EMV\09132_Spectra\GIS\ArcGIS\Projects\QMR\4q2013\Figure 7 TtlVOCShallow 4q2013.mxd Date Saved: 2/28/2014 1:15:19 PM Author:



LEGEND

- EXTRACTION
- MONITORING WELL
- PIEZOMETER
- TCE ISCONCENTRATIONS CONTOURS (DASHED WHEN INFERRRED)

VOC VOLATILE ORGANIC COMPOUND
ND NOT DETECTED

T-4 0.1303 — WELL IDENTIFICATION
— TOTAL VOC CONCENTRATION RESULTS EXPRESSED IN PARTS PER BILLION

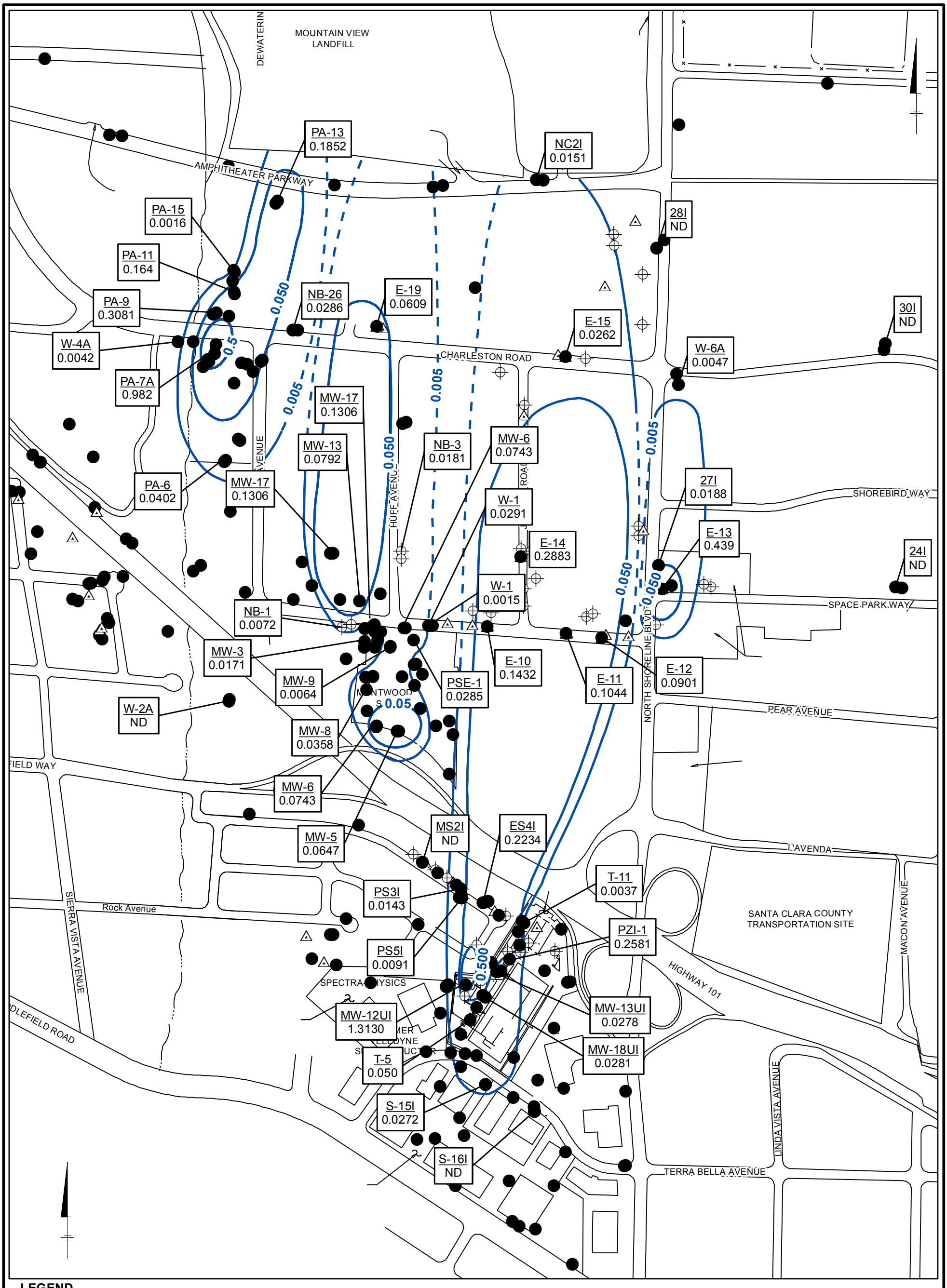
FORMER SPECTRA-PHYSICS AND FORMER TELEDYNE SEMICONDUCTOR FACILITIES, MOUNTAIN VIEW CALIFORNIA,
SEMIANNUAL GROUNDWATER MONITORING REPORT

SHALLOW-ZONE TOTAL VOCS CONCENTRATIONS FOURTH QUARTER 2013

ARCADIS

FIGURE
7

Path: K:\001_EMV\09132_Spectra\GIS\ArcGIS\Projects\QMR\4q2013\Figure 8 TtlVOC UpInt 4q2013.mxd Date Saved: 2/28/2014 1:28:50 PM Author:



LEGEND

- EXTRACTION
- MONITORING WELL
- PIEZOMETER
- TCE ISCONCENTRATIONS
- S-15I 0.0272 — WELL IDENTIFICATION; TOTAL VOC CONCENTRATION RESULTS EXPRESSED IN PARTS PER MILLION

VOC VOLATILE ORGANIC COMPOUND
ND NOT DETECTED

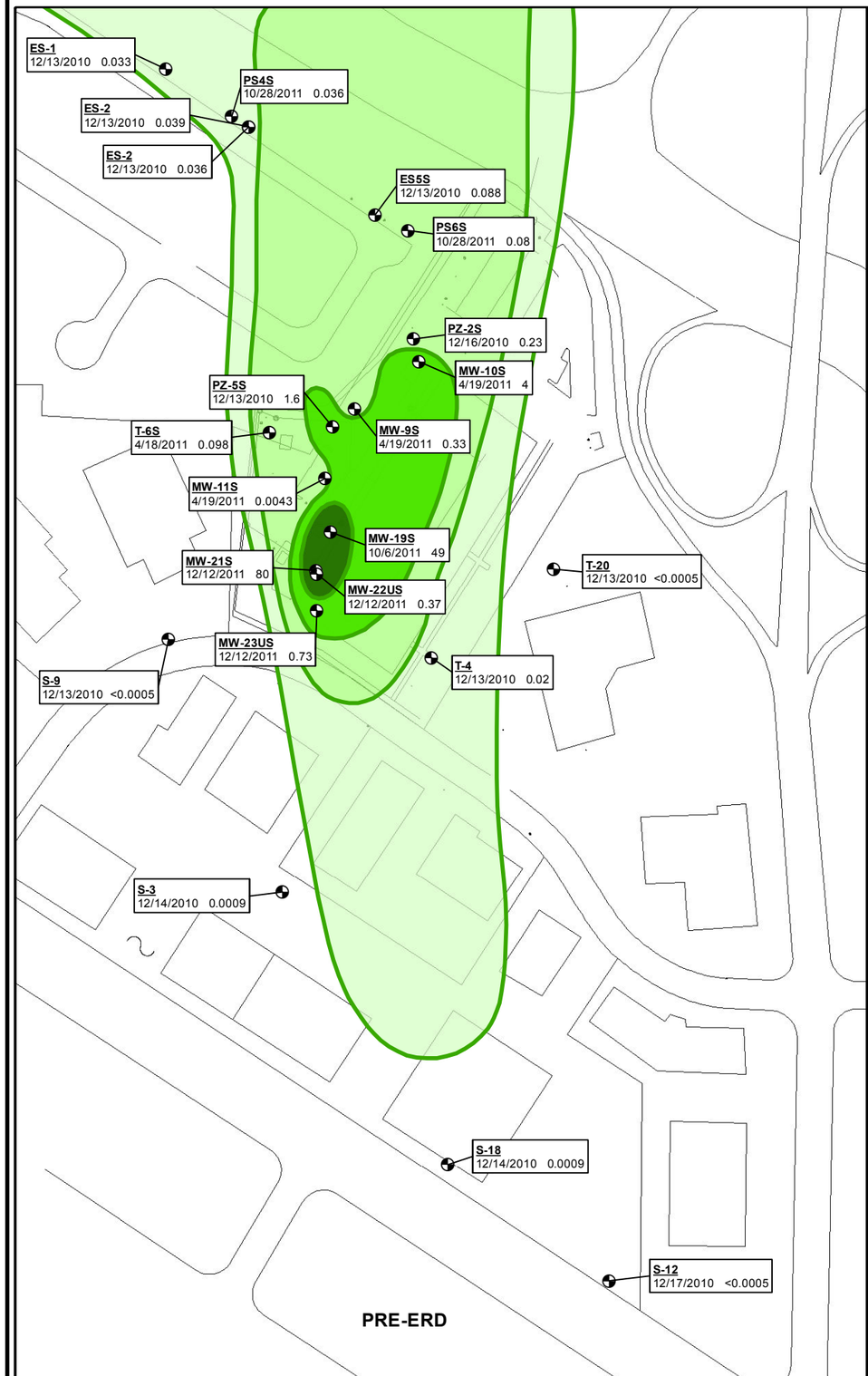
0 600 1,200 Feet

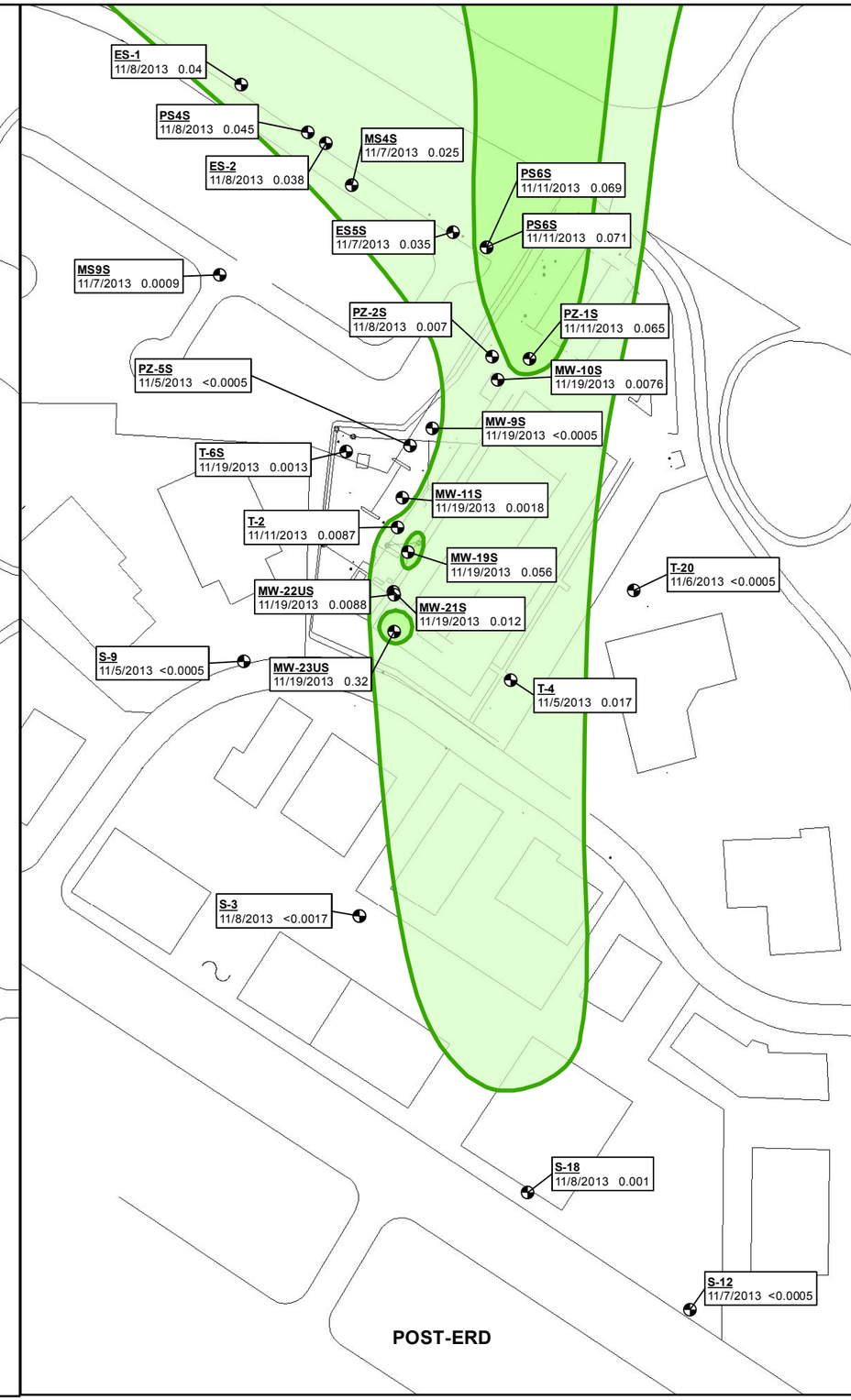
FORMER SPECTRA-PHYSICS AND FORMER TELEDYNE SEMICONDUCTOR FACILITIES, MOUNTAIN VIEW CALIFORNIA,
SEMIANNUAL GROUNDWATER MONITORING REPORT

UPPER-INTERMEDIATE-ZONE TOTAL VOCS CONCENTRATIONS FOURTH QUARTER 2013

ARCADIS

FIGURE 8





LEGEND

MONITORING WELL

S-3 — WELL IDENTIFICATION
12/14/2010 0.0009 — 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

CONTOUR CONCENTRATION VALUES

- > 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 AND
FORMER TELEDYNE SEMICONDUCTOR FACILITIES
MOUNTAIN VIEW, CALIFORNIA

PRE-ERD AND POST-ERD COMPARISON OF TCE DISTRIBUTION IN SHALLOW GROUNDWATER

ARCADIS

FIGURE
9

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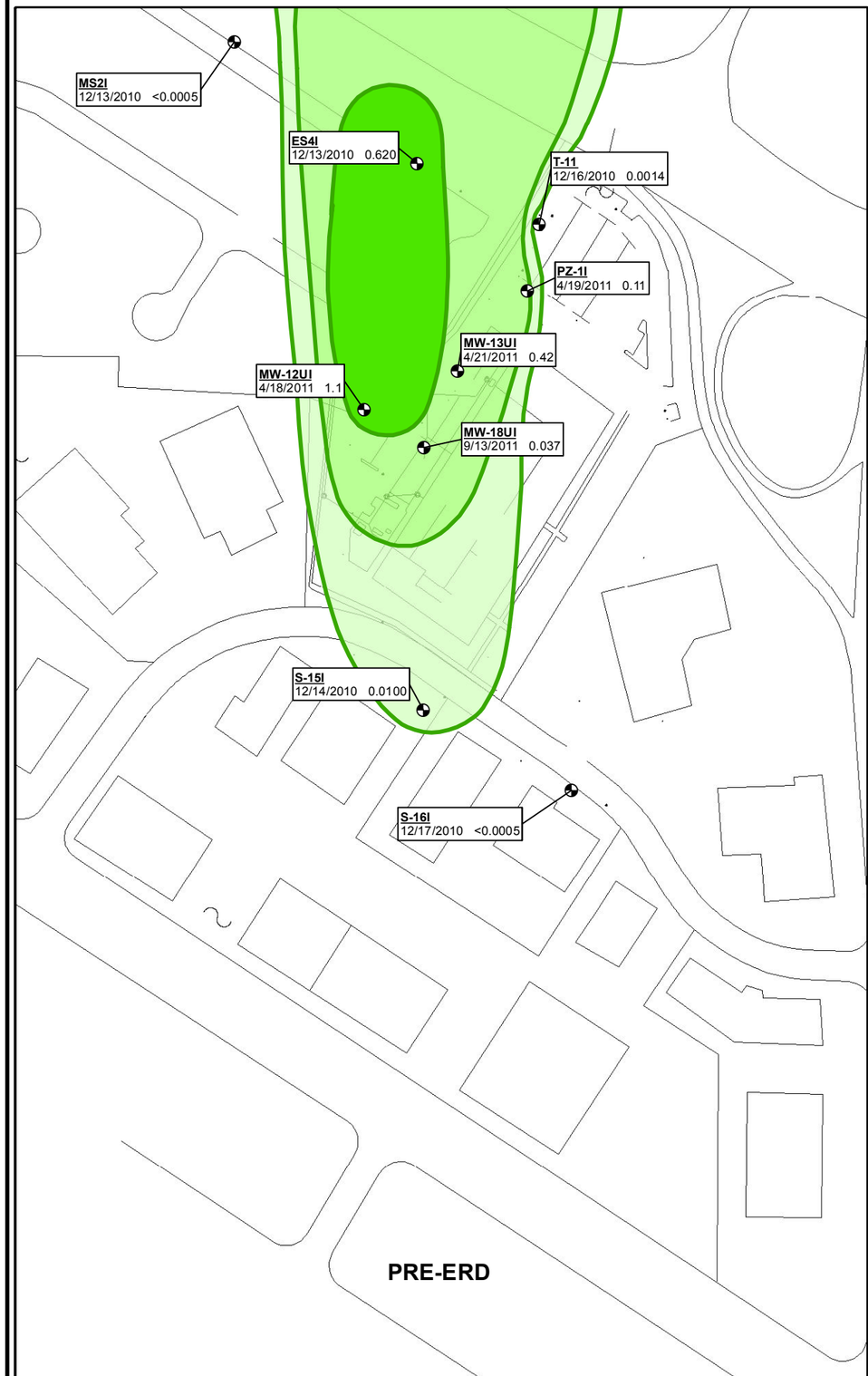

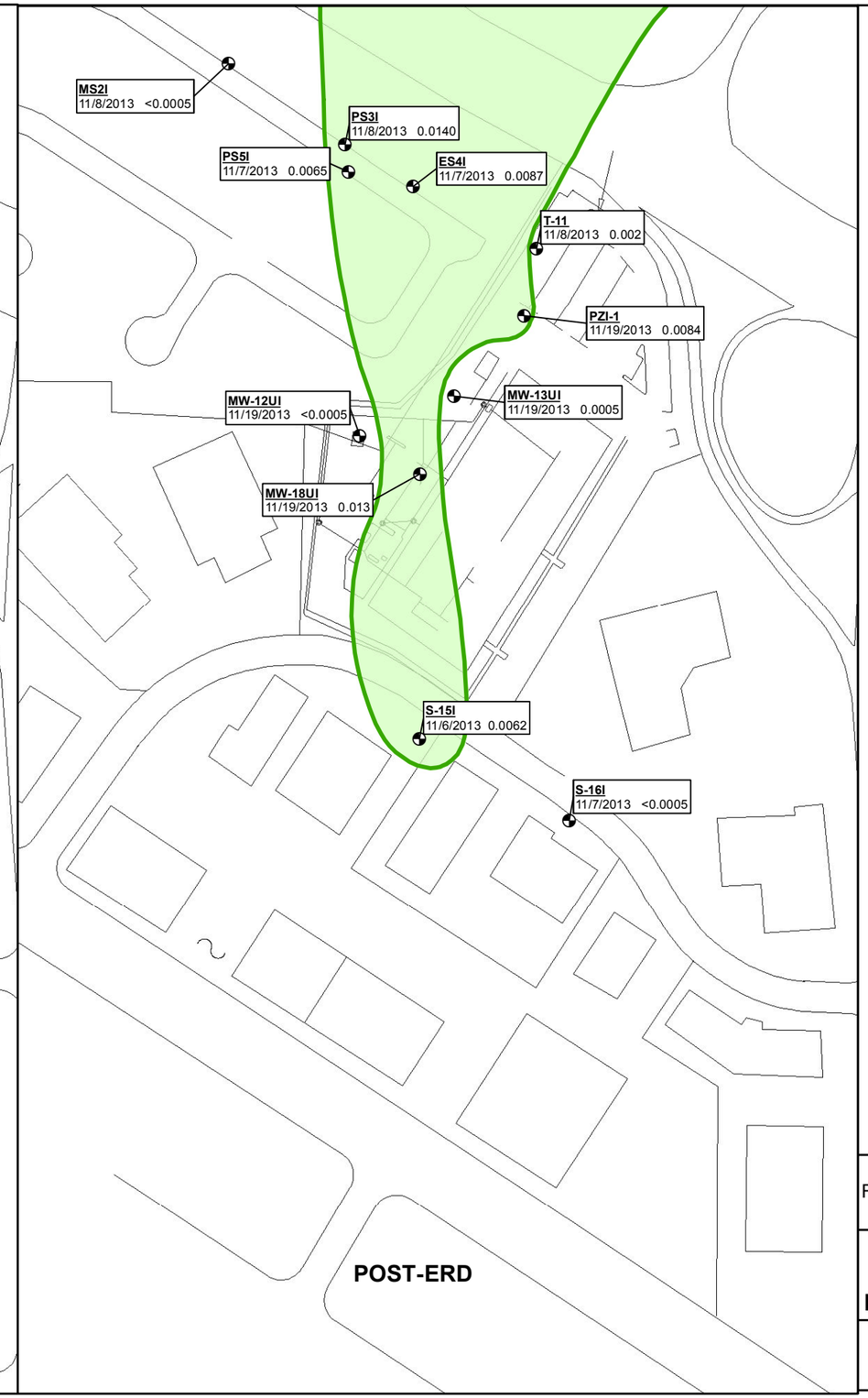

LEGEND

MONITORING WELL

T-11 — WELL IDENTIFICATION
11/8/2013 0.002 — 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

CONTOUR CONCENTRATION VALUES

- > 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 AND
FORMER TELEDYNE SEMICONDUCTOR FACILITIES
MOUNTAIN VIEW, CALIFORNIA

PRE-ERD AND POST-ERD COMPARISON OF TCE DISTRIBUTION IN UPPER-INTERMEDIATE GROUNDWATER

ARCADIS

FIGURE
10

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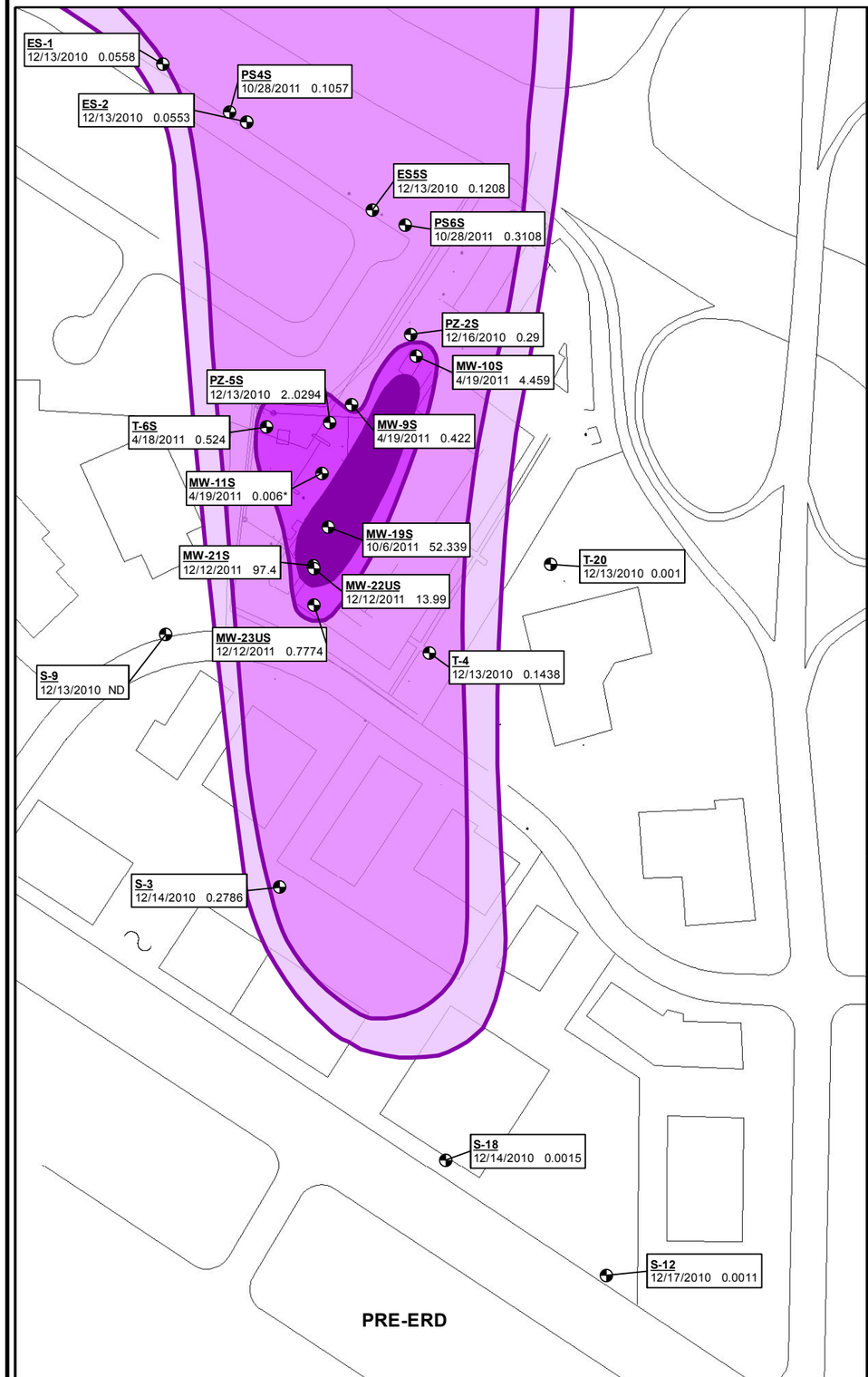

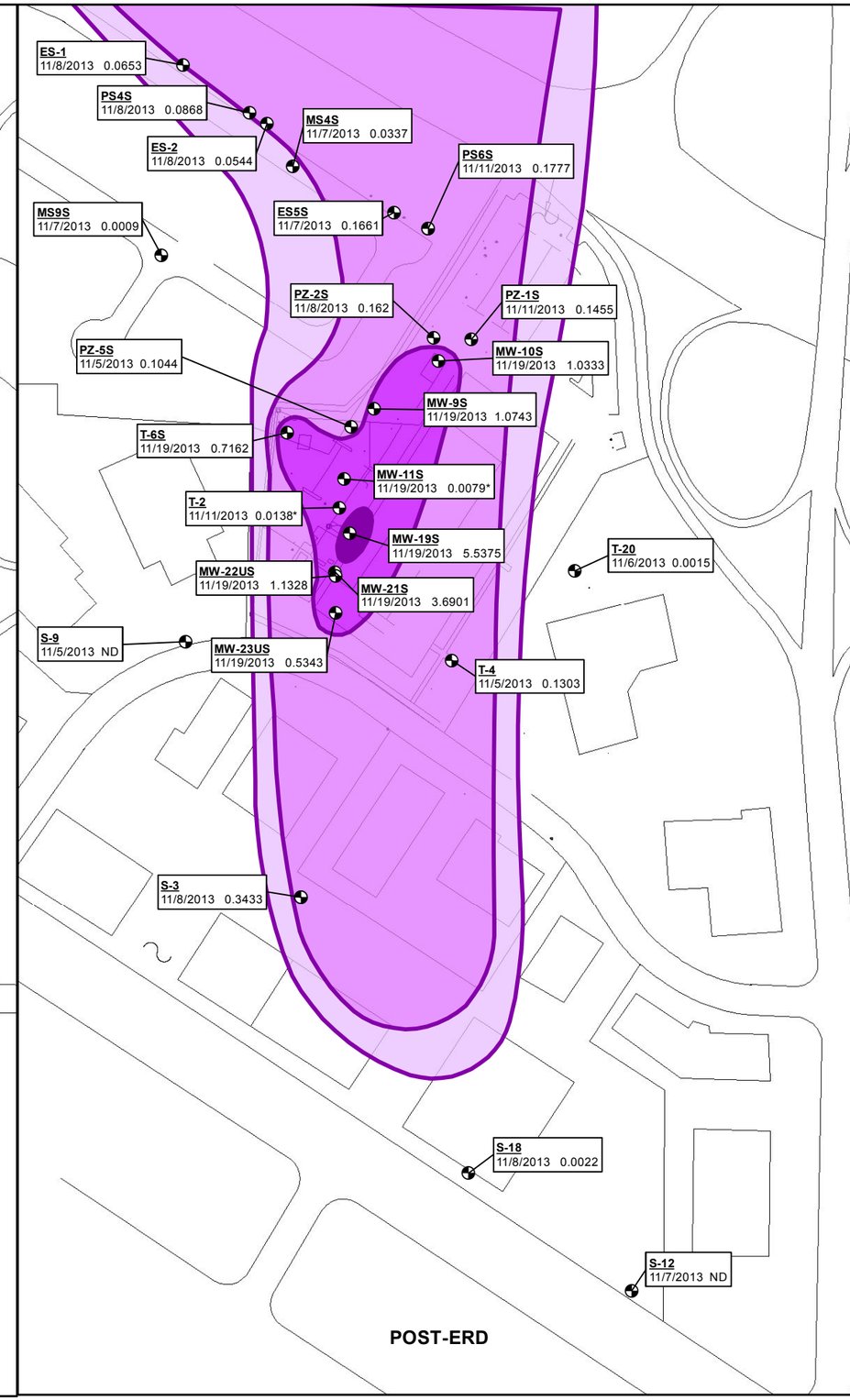

LEGEND

MONITORING WELL

ES5S — WELL IDENTIFICATION
11/7/2013 — SAMPLE DATE
0.1661 — TOTAL VOC CONCENTRATION RESULTS (mg/L)

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

- > 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 AND
FORMER TELEDYNE SEMICONDUCTOR FACILITIES
MOUNTAIN VIEW, CALIFORNIA

PRE-ERD AND POST-ERD COMPARISON OF TOTAL VOC DISTRIBUTION IN SHALLOW GROUNDWATER

ARCADIS

FIGURE
11

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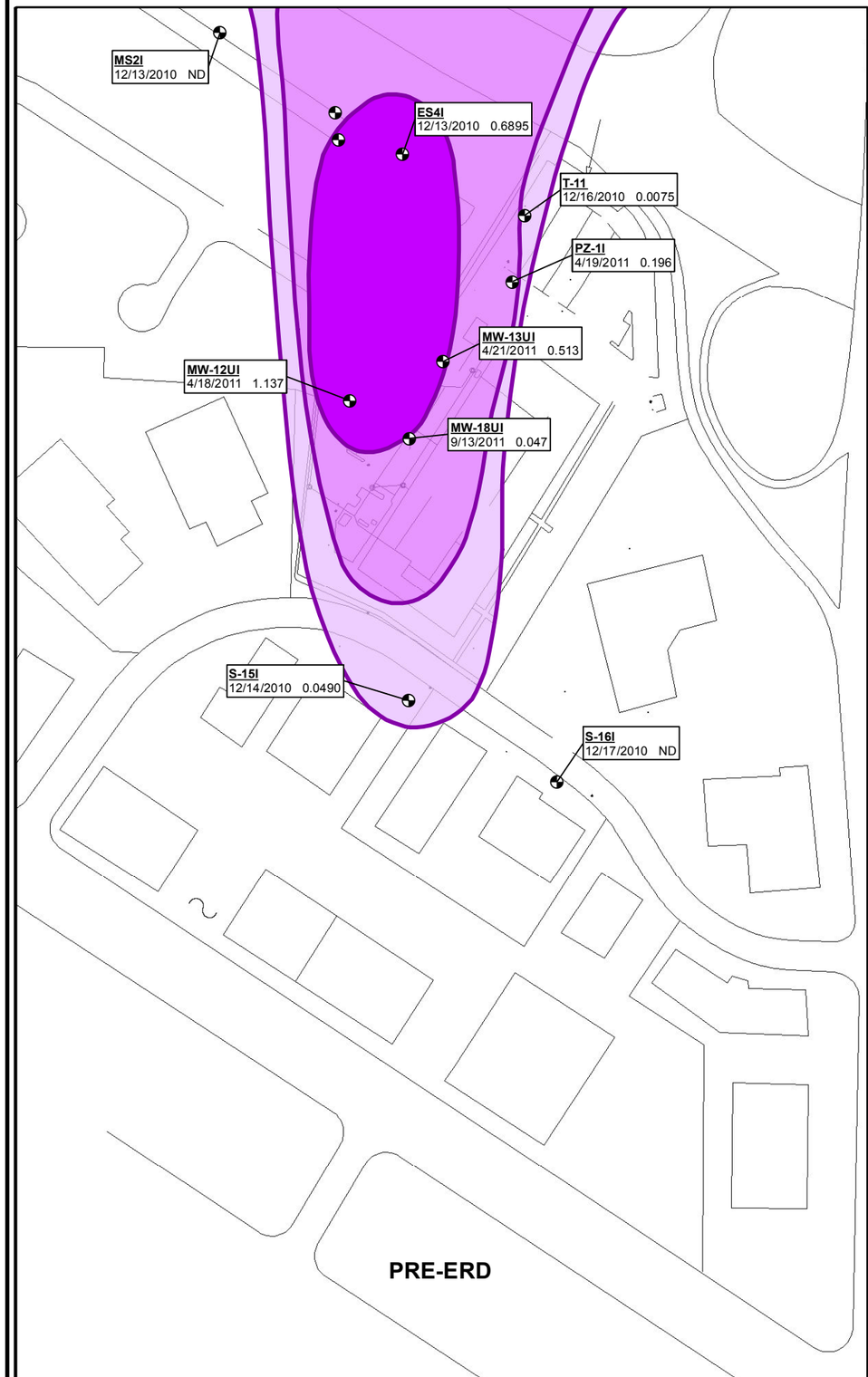

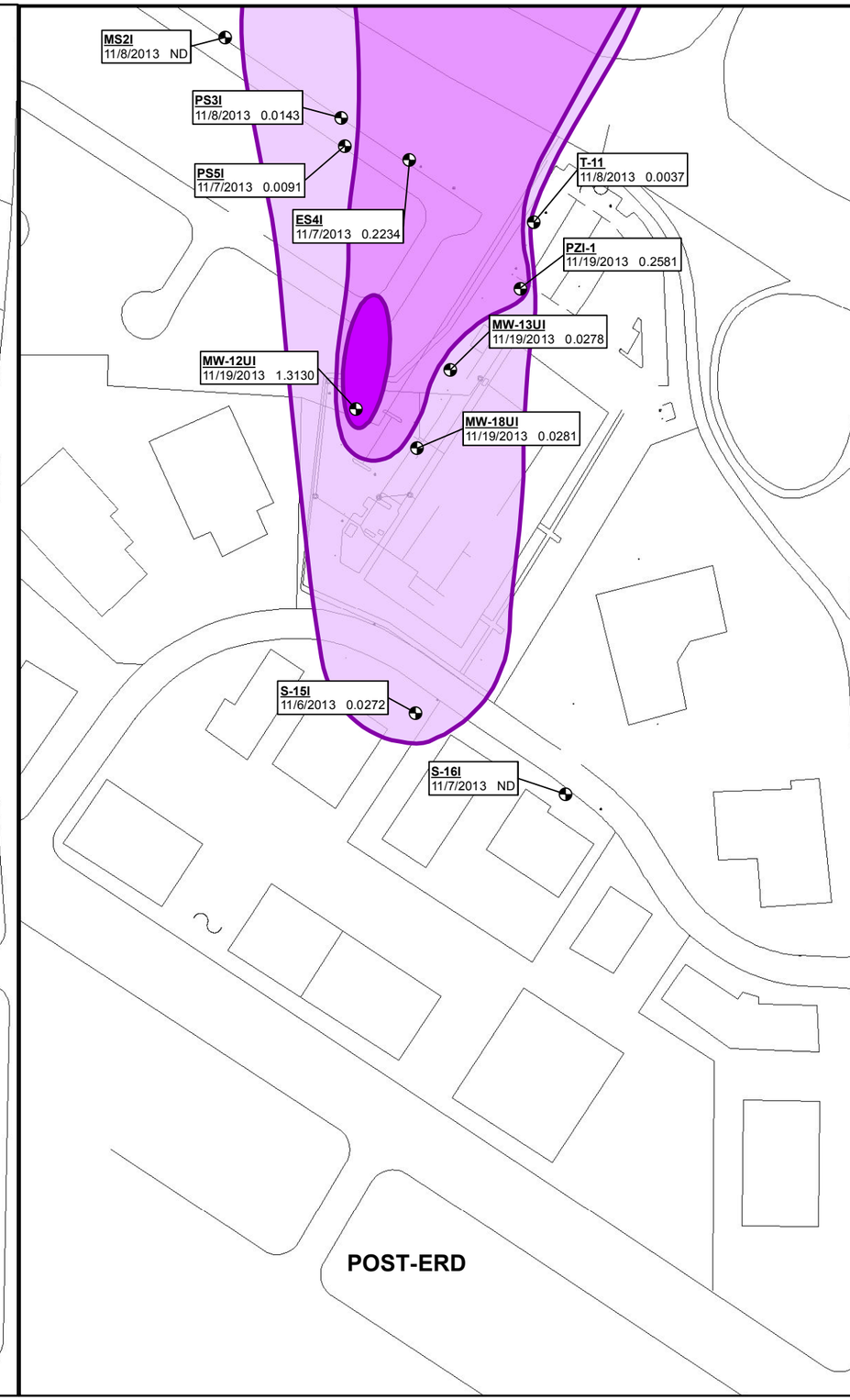

LEGEND

MONITORING WELL

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

- > 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 AND
FORMER TELEDYNE SEMICONDUCTOR FACILITIES
MOUNTAIN VIEW, CALIFORNIA

PRE-ERD AND POST-ERD COMPARISON OF TOTAL VOC DISTRIBUTION IN UPPER-INTERMEDIATE GROUNDWATER

ARCADIS

FIGURE
12

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ARCADIS

Appendix A

Results and Discussion of Spectra-Physics On-Site Groundwater Monitoring

Results and Discussion of Spectra-Physics On-Site Groundwater Monitoring

The July 1 through December 31, 2013 monitoring program, as specified in the revised Self-Monitoring Plan (SMP) presented in the "Interim Report, Monitored Natural Attenuation Study at the North Bayshore and Spring Street Extraction Systems, Teledyne Semiconductor/Spectra-Physics Lasers, Inc., Mountain View, California" (the 2007 Interim Report; LFR 2007a), consisted of collecting samples from specified wells and measuring groundwater elevations from on-site monitoring wells at the former Spectra-Physics Lasers, Inc. (Spectra-Physics) facility located in the vicinity of West Middlefield Road and Terra Bella Avenue in Mountain View, California.

Shallow-Zone Groundwater Flow Direction

Figure 2 indicates that groundwater in the shallow zone in the vicinity of the Spectra-Physics facility flows northward. Shallow-zone extraction well RA-1 was shut down for the duration of the enhanced bioremediation study and remains shut down during the full-scale enhanced reductive dechlorination (ERD) pilot test at the former Teledyne Semiconductor facility. A technical report documenting the results of the pilot study was submitted on February 23, 2007 (LFR 2007b) and was updated in the Focused Feasibility Study report dated June 5, 2009 (LFR 2009). As illustrated on Figure 2, this northerly direction has been modified by pumping at Spring Street Extraction System (SSES) wells ES1S, ES2S, and ES5S.

Upper-Intermediate-Zone Groundwater Flow Direction

Figure 3 indicates that groundwater in the upper-intermediate zone in the vicinity of the Spectra-Physics facility flows northward. Intermediate-zone extraction well T-32I was shut down for the duration of the enhanced bioremediation study and remains shut down during the full-scale ERD pilot test at the former Teledyne Semiconductor facility. As illustrated on Figure 3, this northerly direction has been modified by pumping SSES well ES4I.

Lower-Intermediate-Zone Groundwater Flow Direction

Figure 4 indicates that groundwater in the lower-intermediate zone in the vicinity of the Spectra-Physics facility flows northward. As illustrated on Figure 4, this northerly direction has been modified by pumping SSES well ES3I.

Shallow-Zone Groundwater Quality

In compliance with the revised SMP presented in the 2007 Interim Report, shallow-zone monitoring wells S-3, S-9, S-12, and S-18 were sampled near the Spectra-Physics facility during the July 1 through December 31, 2013 reporting period. Volatile organic compound (VOC) results for the Spectra-Physics on-site groundwater monitoring wells are reported in Table 5. VOCs were not detected at concentrations above laboratory reporting limits in the samples collected from monitoring wells S-9 and S-12. Total VOCs detected at monitoring wells S-3 and S-18 were within their respective historical ranges.

Groundwater samples were collected from monitoring well S-12 on November 7, 2013 for monitored natural attenuation (MNA) analysis. MNA samples were analyzed in the field for dissolved oxygen (DO), pH, conductivity, turbidity, oxidation-reduction potential (ORP), temperature, ferrous iron, nitrite, and sulfide. Groundwater samples were also submitted to Microseeps, Inc., of Pittsburgh, Pennsylvania, for analysis of dissolved gases (ethane, ethene and methane), and to Curtis & Tompkins, Ltd. (C&T) of Berkeley, California, for analysis of total iron, nitrate, and sulfate. Analytical results for these tests are summarized in Tables 14 and 15.

Intermediate-Zone Groundwater Quality

The intermediate zone in the Spectra-Physics facility area consists of two zones: an upper-intermediate zone and a lower-intermediate zone. Two upper-intermediate-zone wells (S-15 and S-16I) were sampled during the reporting period. VOC results for the Spectra-Physics on-site groundwater monitoring wells are reported in Table 5. VOCs were not detected at concentrations above laboratory reporting limits in the sample collected from S-16I. Total VOCs detected in samples collected from monitoring well S-15 were within historical ranges.

Groundwater samples were collected from monitoring well S-16I on November 7, 2013 for MNA analysis. Samples were analyzed in the field for DO, pH, conductivity, turbidity, ORP, temperature, ferrous iron, nitrite, and sulfide. Groundwater samples were also submitted to Microseeps, Inc., for analysis of dissolved gases (ethane, ethene and methane), and to C&T for analysis of total iron, nitrate, and sulfate. Analytical results for these tests are summarized in Tables 14 and 15.

ARCADIS

Appendix B

Results and Discussion of Semiconductor On-Site Groundwater Monitoring

Results and Discussion of Semiconductor On-Site Groundwater Monitoring

The July 1 through December 31, 2013 monitoring program, as specified in the revised Self-Monitoring Plan (SMP) presented in the "Interim Report, Monitored Natural Attenuation Study at the North Bayshore and Spring Street Extraction Systems, Teledyne Semiconductor/Spectra-Physics Lasers, Inc., Mountain View, California" (the 2007 Interim Report; LFR 2007a), consisted of collecting samples from specified wells and measuring groundwater elevations from on-site monitoring wells at the former Teledyne Semiconductor (Semiconductor) facility located on Terra Bella Avenue in Mountain View, California.

Shallow-Zone Groundwater Flow Direction

Figure 2 indicates that groundwater in the shallow zone in the vicinity of the Semiconductor facility flows northward. Shallow-zone extraction well RA-1 was shut down for the duration of the enhanced bioremediation pilot study and remains shut down during the full-scale enhanced reductive dechlorination (ERD) pilot test at the former Semiconductor facility. A technical report documenting the results of the pilot study was submitted on February 23, 2007 (LFR 2007b) and was updated in the Focused Feasibility Study report dated June 5, 2009 (LFR 2009). As illustrated on Figure 2, this northerly direction has been modified by pumping at Spring Street Extraction System (SSES) wells ES1S, ES2S, and ES5S.

Upper-Intermediate-Zone Groundwater Flow Direction

Figure 3 indicates that groundwater in the upper-intermediate zone in the vicinity of the Semiconductor facility flows northward. Intermediate-zone extraction well T-32I was shut down for the duration of the enhanced bioremediation study and remains shut down during the full-scale ERD pilot test at the former Semiconductor facility. As illustrated on Figure 3, this northerly direction has been modified by pumping SSES well ES4I.

Lower-Intermediate-Zone Groundwater Flow Direction

Figure 4 indicates that groundwater in the lower-intermediate zone in the vicinity of the Semiconductor facility flows northward. As illustrated on Figure 4, this northerly direction has been modified by pumping SSES well ES3I.

Shallow-Zone Groundwater Quality

In compliance with the revised SMP presented in the 2007 Interim Report, shallow-zone monitoring wells PZ-2S, PZ-5S, T-4, and T-20 were sampled near the Semiconductor facility during the July 1 through December 31, 2013 monitoring period. Volatile organic compound (VOC) results for the Semiconductor on-site groundwater monitoring wells are reported in Table 5. In addition, PZ-1S and T-2 were included in the annual monitoring program in support of performance monitoring of the ERD treatability study. ERD performance monitoring results are described in Appendix C. Total VOC concentrations for monitoring wells PZ-2S, PZ-5S, T-4, and T-20 were all within historical ranges. Total VOC concentrations detected in PZ-1S were at a historical low of 0.1455 milligrams per kilogram (mg/kg). Total VOC concentrations detected at T-2 were at the lowest levels since 1988.

Groundwater samples were collected from monitoring well PZ-2S on November 7, 2013 for monitored natural attenuation (MNA) analysis. Samples were analyzed in the field for dissolved oxygen (DO), pH, conductivity, turbidity, oxidation-reduction potential (ORP), temperature, ferrous iron, nitrite, and sulfide. Groundwater samples were also submitted to Microseeps, Inc., of Pittsburgh, Pennsylvania, for analysis of dissolved gases (ethane, ethene and methane), and to Curtis & Tompkins, Ltd. (C&T) of Berkeley, California, for analysis of total iron, nitrate, and sulfate. Analytical results of these tests are presented in Tables 14 and 15.

Intermediate-Zone Groundwater Quality

The intermediate zone at the Semiconductor facility consists of two zones: an upper-intermediate zone and a lower-intermediate zone. In compliance with the revised SMP presented in the 2007 Interim Report, intermediate-zone monitoring wells T-11, and T-13 were sampled near the Semiconductor facility during the July 1 through December 31, 2013 monitoring period. In additional, T-10I was also sampled during the annual monitoring program in support of performance monitoring of the ERD treatability study. ERD performance monitoring results are described in Appendix C. VOC results for the Semiconductor on-site groundwater monitoring wells are reported in Table 5. Total VOC concentrations were detected within historical ranges in samples collected from monitoring wells T-10 and T-11. VOCs were not detected at concentrations above laboratory reporting limits in the sample collected from T-13.

Groundwater samples were collected from monitoring well T-11 on December 7, 2013 for MNA analysis. Samples were analyzed in the field for DO, pH, conductivity,

turbidity, ORP, temperature, ferrous iron, nitrite, and sulfide. Groundwater samples were also submitted to Microseeps, Inc., for analysis of dissolved gases (ethane, ethene and methane), and to C&T for analysis of total iron, nitrate, and sulfate. Analytical results of these tests are presented in Tables 14 and 15.

Semiannual Summary of Semiconductor On-Site Extraction Well Operation

The Semiconductor on-site extraction well system consists of two extraction wells: RA-1 and T-32I. Implementation of the pilot study for enhanced bioremediation began in June 2005. Extraction wells RA-1 and T-32I were converted to injection wells for the pilot study and were therefore shut down on June 14, 2005. These wells remain shut down during the full-scale ERD pilot test at the former Semiconductor facility.

Information regarding the monthly operation and flow rates of the Semiconductor on-site wells for this monitoring period is presented in Table B-1. Information presented is based on operational data transmitted to ARCADIS U.S., Inc., by PES Environmental, Inc.

Table B-2 presents the calculations of monthly mass of VOCs in extracted groundwater from each extraction well. Because wells RA-1 and T-32I were shut down for the duration of the enhanced bioremediation pilot study, and remain shut down for the duration of the full-scale ERD treatability study, VOC mass was not removed through the extraction of groundwater at RA-1 and T-32I. Mass calculations are usually based on VOC concentration data for wells sampled during the monitoring period. Table B-3 presents a historical summary of the Semiconductor on-site extraction and treatment system.

Table B-1
Operational Information for On-Site Teledyne Semiconductor Wells for July through December 2013
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Well Number	Notes	July 2013		August 2013		September 2013		October 2013		November 2013		December 2013	
		Total Monthly Flow (gallons)	Average Flow Rate (gpm)	Total Monthly Flow (gallons)	Average Flow Rate (gpm)	Total Monthly Flow (gallons)	Average Flow Rate (gpm)	Total Monthly Flow (gallons)	Average Flow Rate (gpm)	Total Monthly Flow (gallons)	Average Flow Rate (gpm)	Total Monthly Flow (gallons)	Average Flow Rate (gpm)
RA-1	(1)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
T-32I	(1)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
System Totals:		0 (gallons)	0.0 (gpm)	0 (gallons)	0.0 (gpm)	0 (gallons)	0.0 (gpm)	0 (gallons)	0.0 (gpm)	0 (gallons)	0.0 (gpm)	0 (gallons)	0.0 (gpm)

Data entered by AL Data proofed by SH.

Notes:

Wells RA-1 and T-32I are metered wells.

July monitoring period: July 1 through July 31, 2013
August monitoring period: August 1 through August 31, 2013
September monitoring period: September 1 through September 30, 2013
October monitoring period: October 1 through October 31, 2013
November monitoring period: November 1 through November 30, 2013
December monitoring period: December 1 through December 31, 2013

(1) = Wells 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.
Cumulative flow volumes and average flow rates provided by PES Environmental, Inc.

gpm = gallons per minute

Table B-2
Estimated Mass of VOCs in Teledyne On-Site Extracted Groundwater
July through December 2013
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Well Number	VOCs as µg/l	July gpm	July lbs/month	August gpm	August lbs/month	September gpm	September lbs/month	October gpm	October lbs/month	November gpm	November lbs/month	December gpm	December lbs/month
RA-1	na	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
T-32I	na	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
Total Per Month:		0.0 (gpm)	0.00 (pounds)	0.0 (gpm)	0.00 (pounds)	0.0 (gpm)	0.00 (pounds)	0.0 (gpm)	0.00 (pounds)	0.0 (gpm)	0.00 (pounds)	0.0 (gpm)	0.00 (pounds)

Data entered by AL. Data proofed by SH.

Notes:

Wells RA-1 and T-32I are metered wells.
Wells RA-1 and T-32I were 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.

July monitoring period: July 1 through July 31, 2013
August monitoring period: August 1 through August 31, 2013
September monitoring period: September 1 through September 30, 2013
October monitoring period: October 1 through October 31, 2013
November monitoring period: November 1 through November 30, 2013
December monitoring period: December 1 through December 31, 2013

Formula for calculating lbs/month:
(3.78 liters per gallon)*(1 milligram per 1,000 micrograms)*(1 gram per 1,000 milligrams)*(1 pound per 454 grams)
(reported number of micrograms per liter as ppb)(gpm)*(1,440 minutes per day)*(days per monitoring period) =
lbs/monitoring period

VOCs = concentration of volatile organic compounds as µg/l from quarterly sampling results
lbs = pounds
gpm = gallons per minute
µg/l = micrograms per liter
ppb = parts per billion
na = not available; RA-1 and T-32I have been converted to injection wells and were not sampled from the first quarter of 2006 through the fourth quarter of 2012

Table B-3
Historical Summary of Teledyne Semiconductor On-Site Quarterly Discharge Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Well Number	Quarterly Time Period	Average Quarterly Flow Rate (gpm)	Average VOC Concentration Data (in µg/l)			Estimated VOC Mass Removed (in pounds)			Estimated Total Mass Removed Since Start-Up* (pounds)
			TCE	cis-1,2-DCE	Total VOCs	TCE	cis-1,2-DCE	Total VOCs	
RA-1									
	Oct 1986 - June 1997*								1008.70
	Jul, Aug, Sep 1997	22	270	48	336	6.84	1.22	8.51	1017.21
	Oct, Nov, Dec 1997	19	250	41	303	4.78	0.78	5.80	1023.01
	Jan, Feb, Mar 1998	24	230	38	283	5.82	0.96	7.17	1030.17
	Apr, May, Jun 1998	20	240	40	295	5.64	0.94	6.93	1037.10
	Jul, Aug, Sep 1998	20	396	49	486	8.74	1.08	10.72	1047.83
	Oct, Nov, Dec 1998	23	601	24	659	15.58	0.62	17.08	1064.91
	Jan, Feb, Mar 1999	23	446	57	556	10.70	1.37	13.34	1078.25
	Apr, May, Jun 1999	24	274	33	344	7.10	0.85	8.91	1087.16
	Jul, Aug, Sep 1999	22	316	40	394	8.08	1.02	10.08	1097.24
	Oct, Nov, Dec 1999	18	257	38	323	4.94	0.73	6.20	1103.44
	Jan, Feb, Mar 2000	22	159	40	297	3.61	0.91	6.74	1110.18
	Apr, May, Jun 2000	22	210	38	258	4.82	0.87	5.92	1116.10
	Jul, Aug, Sep 2000	21	177	43	234	4.28	1.04	5.66	1121.75
	Oct, Nov, Dec 2000	17	137	41	185	2.54	0.76	3.43	1125.18
	Jan, Feb, Mar 2001	17	125	40	174	2.32	0.74	3.23	1128.41
	Apr, May, Jun 2001	22	151	36	200	3.58	0.85	4.75	1133.16
	Jul, Aug, Sep 2001	18	140	34	183	2.75	0.67	3.59	1136.75
	Oct, Nov, Dec 2001	21	160	40	210	3.67	0.92	4.81	1141.57
	Jan, Feb, Mar 2002	19	170	39	220	3.45	0.79	4.46	1146.03
	Apr, May, Jun 2002	21	160	34	202	3.63	0.77	4.58	1150.60
	Jul, Aug, Sep 2002	19	150	41	199	3.25	0.89	4.31	1154.91
	Oct, Nov, Dec 2002	19	170	42	220	3.56	0.88	4.61	1159.52
	Jan, Feb, Mar 2003	20	180	49	237	3.58	0.98	4.72	1164.24
	Apr, May, Jun 2003	19	130	34	174	2.46	0.64	3.29	1167.53
	Jul, Aug, Sep 2003	18	130	41	180	2.61	0.82	3.61	1171.14
	Oct, Nov, Dec 2003	19	160	44	211	3.24	0.89	4.28	1175.42
	Jan, Feb, Mar 2004	19	140	40	190	3.00	0.86	4.07	1179.49
	Apr, May, Jun 2004	19	120	36	166	2.51	0.75	3.48	1182.96
	Jul, Aug, Sep 2004	19	100	36	143	2.10	0.75	2.99	1185.96
	Oct, Nov, Dec 2004	19	110	27	140	2.31	0.57	2.94	1188.90
	Jan, Feb, Mar 2005	19	88	27	119	1.84	0.57	2.50	1191.40
	Apr, May, Jun 2005	19	87	28	118	1.78	0.57	2.42	1193.81
	Jul, Aug, Sep 2005	19	92	25	121	1.93	0.52	2.54	1196.35
	Oct, Nov, Dec 2005	14	95	30	130	1.51	0.48	2.06	1198.41
	Jan, Feb, Mar 2006	0	na	na	na	na	na	na	1198.41
	Apr, May, Jun 2006	0	na	na	na	na	na	na	1198.41
	Jul, Aug, Sep 2006	0	na	na	na	na	na	na	1198.41
	Oct, Nov, Dec 2006	0	na	na	na	na	na	na	1198.41
	Jan, Feb, Mar 2007	0	na	na	na	na	na	na	1198.41
	Apr, May, Jun 2007	0	na	na	na	na	na	na	1198.41
	Jul, Aug, Sept 2007	0	na	na	na	na	na	na	1198.41
	Oct, Nov, Dec 2007	0	na	na	na	na	na	na	1198.41
	Jan, Feb, Mar 2008	0	na	na	na	na	na	na	1198.41
	Apr, May, Jun 2008	0	na	na	na	na	na	na	1198.41
	Jul, Aug, Sept 2008	0	na	na	na	na	na	na	1198.41
	Oct, Nov, Dec 2008	0	na	na	na	na	na	na	1198.41
RA-1	Jan, Feb, Mar 2009	0	na	na	na	na	na	na	1198.41
	Apr, May, Jun 2009	0	na	na	na	na	na	na	1198.41
	Jul, Aug, Sept 2009	0	na	na	na	na	na	na	1198.41
	Oct, Nov, Dec 2009	0	na	na	na	na	na	na	1198.41
	Jan, Feb, Mar 2010	0	na	na	na	na	na	na	1198.41
	Apr, May, Jun 2010	0	na	na	na	na	na	na	1198.41
	Jul, Aug, Sept 2010	0	na	na	na	na	na	na	1198.41
	Oct, Nov, Dec 2010	0	na	na	na	na	na	na	1198.41

Table B-3
Historical Summary of Teledyne Semiconductor On-Site Quarterly Discharge Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Well Number	Quarterly Time Period	Average Quarterly Flow Rate (gpm)	Average VOC Concentration Data (in µg/l)			Estimated VOC Mass Removed (in pounds)			Estimated Total Mass Removed Since Start-Up* (pounds)
			TCE	cis-1,2-DCE	Total VOCs	TCE	cis-1,2-DCE	Total VOCs	
	Jan, Feb, Mar 2011	0	na	na	na	na	na	na	1198.41
	Apr, May, Jun 2011	0	na	na	na	na	na	na	1198.41
	Jul, Aug, Sept 2011	0	na	na	na	na	na	na	1198.41
	Oct, Nov, Dec 2011	0	na	na	na	na	na	na	1198.41
	Jan, Feb, Mar 2012	0	na	na	na	na	na	na	1198.41
	Apr, May, Jun 2012	0	na	na	na	na	na	na	1198.41
	Jul, Aug, Sep 2012	0	na	na	na	na	na	na	1198.41
	Oct, Nov, Dec 2012	0	na	na	na	na	na	na	1198.41
	Jan, Feb, Mar 2013	0	na	na	na	na	na	na	1198.41
	Apr, May, Jun 2013	0	na	na	na	na	na	na	1198.41
	Jul, Aug, Sep 2013	0	na	na	na	na	na	na	1198.41
	Oct, Nov, Dec 2013	0	na	na	na	na	na	na	1198.41
T-32I									
	* Oct 1986 - June 1997								1194.70
	Jul, Aug, Sep 1997	18	1100	20	1150	22.79	0.41	23.83	1218.53
	Oct, Nov, Dec 1997	17	1200	30	1270	20.55	0.51	21.74	1240.27
	Jan, Feb, Mar 1998	17	1200	29	1278	21.52	0.52	22.92	1263.19
	Apr, May, Jun 1998	17	1400	30	1470	27.96	0.60	29.36	1292.55
	Jul, Aug, Sep 1998	17	1510	0	1510	28.01	0.00	28.01	1320.56
	Oct, Nov, Dec 1998	19	3480	70	3733	74.52	1.50	79.94	1400.50
	Jan, Feb, Mar 1999	19	1380	0	1435	27.35	0.00	28.44	1428.94
	Apr, May, Jun 1999	20	1340	0	1437	28.92	0.00	31.01	1459.95
	Jul, Aug, Sep 1999	20	1350	0	1400	31.40	0.00	32.56	1492.51
	Oct, Nov, Dec 1999	20	2930	64	3119	62.53	1.37	66.56	1559.07
	Jan, Feb, Mar 2000	20	1103	46	1193	22.75	0.95	24.60	1583.68
	Apr, May, Jun 2000	20	4920	133	5254	102.64	2.77	109.61	1693.28
	Jul, Aug, Sep 2000	20	1340	46	1438	30.85	1.06	33.10	1726.38
	Oct, Nov, Dec 2000	20	1100	52	1183	24.00	1.13	25.81	1752.20
	Jan, Feb, Mar 2001	20	1289	63	1399	28.13	1.37	30.53	1782.73
	Apr, May, Jun 2001	18	1110	42	1190	21.56	0.82	23.11	1805.84
	Jul, Aug, Sep 2001	21	1100	34	1191	25.20	0.78	27.29	1833.13
	Oct, Nov, Dec 2001	19	1000	40	1097	20.73	0.83	22.74	1855.87
	Jan, Feb, Mar 2002	19	1100	37	1185	23.30	0.78	25.10	1880.97
	Apr, May, Jun 2002	20	1200	40	1253	25.90	0.86	27.04	1908.01
	Jul, Aug, Sep 2002	18	1100	44	1206	22.55	0.90	24.73	1932.74
	Oct, Nov, Dec 2002	20	1300	36	1389	28.68	0.79	30.64	1963.38
	Jan, Feb, Mar 2003	21	1200	55	1309	25.08	1.15	27.35	1990.74
	Apr, May, Jun 2003	18	1000	45	1061	20.50	0.92	21.75	2012.49
	Jul, Aug, Sep 2003	19	1100	53	1210	23.30	1.12	25.63	2038.12
	Oct, Nov, Dec 2003	18	1000	54	1105	19.21	1.04	21.22	2059.35
	Jan, Feb, Mar 2004	19	980	57	1086	20.98	1.22	23.25	2082.60
	Apr, May, Jun 2004	20	760	44	835	16.77	0.97	17.82	2100.42
	Jul, Aug, Sep 2004	19	730	43	788	15.30	0.90	15.98	2116.40
	Oct, Nov, Dec 2004	20	990	44	1085	21.84	0.97	23.15	2139.55
	Jan, Feb, Mar 2005	18	820	36	869	16.28	0.71	16.687	2156.23
	Apr, May, Jun 2005	16	910	52	1018	16.13	0.92	17.453	2173.69
	Jul, Aug, Sep 2005	18	890	41	940	17.34	0.80	17.722	2191.41
	Oct, Nov, Dec 2005	13	960	53	1080	13.77	0.76	14.976	2206.39
	Jan, Feb, Mar 2006	0	na	na	na	na	na	na	2206.39
	Apr, May, Jun 2006	0	na	na	na	na	na	na	2206.39
	Jul, Aug, Sep 2006	0	na	na	na	na	na	na	2206.39
	Oct, Nov, Dec 2006	0	na	na	na	na	na	na	2206.39
	Jan, Feb, Mar 2007	0	na	na	na	na	na	na	2206.39
	Apr, May, Jun 2007	0	na	na	na	na	na	na	2206.39
	Jul, Aug, Sept 2007	0	na	na	na	na	na	na	2206.39

Table B-3
Historical Summary of Teledyne Semiconductor On-Site Quarterly Discharge Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Well Number	Quarterly Time Period	Average Quarterly Flow Rate (gpm)	Average VOC Concentration Data (in µg/l)			Estimated VOC Mass Removed (in pounds)			Estimated Total Mass Removed Since Start-Up* (pounds)
			TCE	cis-1,2-DCE	Total VOCs	TCE	cis-1,2-DCE	Total VOCs	
	Oct, Nov, Dec 2007	0	na	na	na	na	na	na	2206.39
	Jan, Feb, Mar 2008	0	na	na	na	na	na	na	2206.39
	Apr, May, Jun 2008	0	na	na	na	na	na	na	2206.39
	Jul, Aug, Sept 2008	0	na	na	na	na	na	na	2206.39
	Oct, Nov, Dec 2008	0	na	na	na	na	na	na	2206.39
	Jan, Feb, Mar 2009	0	na	na	na	na	na	na	2206.39
	Apr, May, Jun 2009	0	na	na	na	na	na	na	2206.39
	Jul, Aug, Sep 2009	0	na	na	na	na	na	na	2206.39
	Oct, Nov, Dec 2009	0	na	na	na	na	na	na	2206.39
	Jan, Feb, Mar 2010	0	na	na	na	na	na	na	2206.39
	Apr, May, Jun 2010	0	na	na	na	na	na	na	2206.39
	Jul, Aug, Sept 2010	0	na	na	na	na	na	na	2206.39
	Oct, Nov, Dec 2010	0	na	na	na	na	na	na	2206.39
	Jan, Feb, Mar 2011	0	na	na	na	na	na	na	2206.39
	Apr, May, Jun 2011	0	na	na	na	na	na	na	2206.39
	Jul, Aug, Sept 2011	0	na	na	na	na	na	na	2206.39
	Oct, Nov, Dec 2011	0	na	na	na	na	na	na	2206.39
	Jan, Feb, Mar 2012	0	na	na	na	na	na	na	2206.39
	Apr, May, Jun 2012	0	na	na	na	na	na	na	2206.39
	Jul, Aug, Sep 2012	0	na	na	na	na	na	na	2206.39
	Oct, Nov, Dec 2012	0	na	na	na	na	na	na	2206.39
	Jan, Feb, Mar 2013	0	na	na	na	na	na	na	2206.39
	Apr, May, Jun 2013	0	na	na	na	na	na	na	2206.39
	Jul, Aug, Sep 2013	0	na	na	na	na	na	na	2206.39
	Oct, Nov, Dec 2013	0	na	na	na	na	na	na	2206.39

Data entered by AL. Data proofed by SH.

Notes:

* = Estimated mass through June 1997 from "Second Quarter 1997 Quarterly Monitoring Report, Onsite Groundwater Monitoring, Teledyne Semiconductor, Mountain View, California," July 30, 1997, by PES Environmental, Inc. (PES).

Wells RA-1 and T-32I are metered wells.

July monitoring period: July 1 through July 31, 2013
August monitoring period: August 1 through August 31, 2013
September monitoring period: September 1 through September 30, 2013
October monitoring period: October 1 through October 31, 2013
November monitoring period: November 1 through November 30, 2013
December monitoring period: December 1 through December 31, 2013

Formula for calculating lbs/month:
(3.78 liters per gallon)*(1 milligram per 1,000 micrograms)*(1 gram per 1,000 milligrams)*(1 pound per 454 grams)
(reported number of micrograms per liter as ppb)(gpm)*(1,440 minutes per day)*(days per monitoring period)
= lbs/monitoring period

Average VOC Concentration Data reported per quarter in micrograms per liter (µg/l).
Average VOC Mass Removed Data reported per quarter in pounds.
Average Quarterly Flow Rate Data reported in gallons per minute (gpm).

Wells RA-1 and T-32I were 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.
Cumulative flow volumes provided by PES.

VOC = volatile organic compounds

Table B-3
Historical Summary of Teledyne Semiconductor On-Site Quarterly Discharge Data
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

Well Number	Quarterly Time Period	Average Quarterly Flow Rate (gpm)	Average VOC Concentration Data (in µg/l)			Estimated VOC Mass Removed (in pounds)			Estimated Total Mass Removed Since Start-Up* (pounds)
			TCE	cis-1,2-DCE	Total VOCs	TCE	cis-1,2-DCE	Total VOCs	

TCE = trichloroethene
cis-1,2-DCE = cis-1,2-dichloroethene
na = not available; RA-1 and T-32I have been converted to injection wells and were not sampled from the first quarter of 2006 through the fourth quarter of 2012.

ARCADIS

Appendix C

Performance Monitoring Status Report

PERFORMANCE MONITORING STATUS REPORT
FORMER TELEDYNE SEMICONDUCTOR/
SPECTRA-PHYSICS SITE
MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR:

TDY INDUSTRIES, LLC

PITTSBURGH, PENNSYLVANIA

FEBRUARY 26, 2014
PROJECT NO. G100464M

Fishbeck, Thompson, Carr & Huber, Inc. **Engineers • Scientists • Architects • Constructors**
1515 Arboretum Drive, SE, Grand Rapids, MI 49546 Telephone: 616-575-3824

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LIST OF ABBREVIATIONS/ACRONYMS

µg/L	micrograms per liter
cDCE	cis-1,2-dichloroethene
CVOC	chlorinated volatile organic compound
DO	dissolved oxygen
ERD	enhanced reductive dechlorination
FTCH	Fishbeck, Thompson, Carr & Huber, Inc.
mg/L	milligrams per liter
mV	millivolt
MW	monitoring well
ORP	oxidation/reduction potential
PCE	tetrachloroethene
RWQCB	California Regional Water Quality Control Board
TCE	trichloroethene
TOC	total organic carbon
VC	vinyl chloride
VOC	volatile organic compound

1.0 INTRODUCTION

A work plan for a full-scale enhanced reductive dechlorination (ERD) treatability study was submitted to the California Regional Water Quality Control Board (RWQCB) during August 2010. The work plan was prepared by Fishbeck, Thompson, Carr & Huber, Inc. (FTCH) in conjunction with S.S. Papadopulos and Associates, Inc. Two addendums to the original work plan were prepared and submitted to the RWQCB in late 2010. The work plan and addendums were approved by the RWQCB on January 24, 2011. Implementation of the plan began on January 31, 2011, with the drilling of the initial injection wells. Due to the discovery of a second area with a significant trichloroethene (TCE) mass, work on implementing the ERD treatability study continued throughout 2011 and was not completed until January 2012. A second stage of active ERD work began in November 2013 and was completed in February 2014.

The ERD treatability study is limited to the onsite portion of the former Teledyne Semiconductor property as shown on Figure 1.

ERD performance monitoring of the treatment area was conducted on a quarterly basis for the first six post-injection monitoring events. A partial performance monitoring event was completed in April 2013. Based on the findings of that event it was decided that an expanded sampling event of the entire treatment area should be conducted to obtain an updated assessment of ERD performance. A broad group of monitoring and injection wells throughout the treatment area was selected for sampling. This expanded event was conducted in late July and early August 2013. The analytical results and evaluation of the April and July-August 2013 sampling events were presented in the Full-Scale Enhanced Reduction Dechlorination Treatability Study Performance Status Report and Injection Plan (FTCH, October 2013). The report concluded that ERD activity was beginning to diminish throughout much of the treatment area; therefore, a plan for a second carbon substrate injection event was included with the report. The injection plan focused on specific areas and aquifer zones where additional carbon substrate was necessary to sustain or boost ERD activity.

The second injection event was underway when the November 2013 routine semiannual performance monitoring event was performed. This report focuses on the analytical results from this most recent monitoring event. The November 2013 data represent the eighth performance monitoring event since the full-scale ERD system was implemented. Note: because of the phased ERD implementation described below, not all areas of the site have been monitored for an equal number of events.

2.0 PROJECT IMPLEMENTATION

A brief summary of the project implementation activities is presented below. This summary is provided since the treatability study was implemented at different times at different locations at the site. Figure 2 presents a site plan of the described work areas.

2.1 FIRST INJECTION

Phase 1 (January 31, 2011 through June 9, 2011)

During this phase, the scope of the original work plan was completed, which included: (1) the installation of 99 injection wells, (2) installation of 9 new groundwater performance monitoring wells, and (3) injection of 169,000 pounds of carbon substrate into the targeted treatment zones (shallow, upper intermediate, and lower intermediate groundwater units). The injection occurred from May 10 through June 9, 2011, and used a combination of emulsified soybean oil products manufactured by EOS Remediation, LLC (EOS).

Phase 2 (May 24, 2011 through November 10, 2011)

Near the completion of the Phase I drilling, elevated concentrations of CVOCs were detected in 2 wells in the upgradient ("B") injection row (i.e., B-5S and B-6S). As a result of this discovery, additional site characterization was performed as the injection well installations were progressively extended southward of the originally planned treatment area. CVOC concentrations in the additional treatment area were, in general, higher than those detected in the original treatment area. During the second phase, the completed work included: (1) installation of 52 additional injection wells, (2) installation of 3 groundwater performance monitoring wells, (3) microbial inoculation of the Phase 1 injection wells with BAC-9 culture (July 19, 2011), and (4) a second application of carbon substrate injection (48,000 pounds) from October 20, 2011, to November 10, 2011.

Phase 3 (December 5, 2011 through January 14, 2012)

The third phase of work occurred at the southern end of the site near Terra Bella Avenue. This work included: (1) installation of 4 shallow injection wells, (2) installation of 3 additional groundwater performance monitoring wells, (3) injection of 5,400 pounds of carbon substrate, and (4) microbial inoculation of the Phase 2 and 3 injection wells with the BAC-9 culture.

2.2 SECOND INJECTION

Phase 1 (November 7, 2013 through November 22, 2013)

This phase of work entailed the injection of 14,200 pounds of carbon substrate into a sub-set of injection wells located in the southern portion of the treatment area (Figure 2). These wells were selected for re-injection, as the expanded groundwater monitoring event completed in July/August 2013 suggested depletion of total organic carbon, modest rebounds of CVOCs, and/or diminished ERD activity in that portion of the site. The injection occurred from November 7 through November 22, 2013, and again used emulsified soybean oil manufactured by EOS. The target injection wells were also amended with a pH buffering agent (diluted magnesium hydroxide).

Phase 2 (January 9, 2014 through February 18, 2014)

A second injection of select wells located in the mid and northern portions of the treatment area has recently been completed (Figure 2). A total of 34,100 pounds of carbon substrate was injected into the targeted injection wells. These wells were selected for reinjection due to the reasons described above. A buffering agent was again used to minimize the pH effect that commonly occurs after injection with increased metabolic generation of volatile fatty acids.

3.0 FIELD METHODS AND DOCUMENTATION

The eighth ERD performance monitoring event was completed on November 19, 2013. The sample collection and field parameter measurements were performed by Blaine Tech Services (San Jose, California). The following monitoring wells were sampled using low-flow sampling procedures:

Shallow Zone: T-6S, MW-9S, MW-10S, MW-11S, MW-19S, MW-21S, MW-22US, MW-23US

Upper Intermediate Zone: PZI-1, MW-12UI, MW-13UI, MW-18UI

Lower Intermediate Zone: MW-14LI, MW-15LI, MW-16LI, MW-17LI, MW-20LI

Depth-to-water measurements and well construction details are summarized on Table 1. The locations of the monitoring wells are shown on Figure 3. The map also shows the locations of soil vapor probes that are being routinely monitored by ARCADIS.

The samples were submitted for laboratory analysis in accordance with the approved work plan. Groundwater samples for analysis of volatile organic compounds (VOCs), total organic carbon (TOC),

and inorganic parameters were submitted to California Laboratory Services (Rancho Cordova, California). Groundwater samples collected for analysis of dissolved ethane, ethene, and methane were submitted to Microseeps, Inc. (Pittsburgh, Pennsylvania). The laboratory reports and sample documentation forms are on file at FTCH.

4.0 ANALYTICAL RESULTS

The analytical results are summarized in the following tables:

Table 2 – Cumulative Volatile Organic Compound Data Summary
Table 3 – Cumulative Summary of MNA and Field Parameters

The analytical data are also presented on several figures which are discussed below in conjunction with referenced tables.

4.1 VOLATILE ORGANIC COMPOUNDS (FIGURE 4)

Figure 4 presents an analytical summary of the key VOCs being monitored in the project area: tetrachloroethene (PCE), trichloroethene (TCE), cis-1,2-dichloroethene (cDCE), vinyl chloride (VC), and combined ethane and ethene. The summaries include the pre-injection ("baseline") chemical concentrations at each well and all eight post-injection monitoring events, where applicable. Note: baseline concentration data are not available for MW-21S and MW-22US, since these wells were installed approximately one month following the Phase 2 injections.

4.1.1 PHASE 1 AREA

Beneath this portion of the site, the PCE concentrations ranged from <0.5 to 1.9 micrograms per liter (µg/L); TCE concentrations ranged from <0.5 to 57 µg/L; cDCE concentrations ranged from <0.5 to 610 µg/L; VC concentrations ranged from <1.0 to 1,300 µg/L; and combined ethane and ethene concentrations ranged from <0.05 to 19.2 µg/L. Continued decreases in TCE were observed at T-6S and MW-18UI. Slight increases in daughter product concentrations (cDCE and VC) were detected at MW-9S, MW-10S, and MW-12UI. The increase of VC at the MW-12UI was accompanied by an increase of ethane and ethene.

4.1.2 PHASE 2 AND PHASE 3 AREAS

The groundwater PCE concentrations ranged from <0.5 to 14 µg/L; TCE concentrations ranged from <0.5 to 1,100 µg/L; cDCE concentrations ranged from 200 to 3,500 µg/L; VC concentrations ranged from <10 to 3,100 µg/L; and combined ethane and ethene concentrations ranged from 0.31 to 2,301 µg/L.

4.2 FIELD PARAMETERS (FIGURE 5)

Field parameters of dissolved oxygen (DO), oxidation/reduction potential (ORP), and pH measured are presented on Figure 5. The data show that a reducing environment is present within the treatment zone:

- DO – During the November 2013 monitoring event, all but two of the monitored locations recorded DO concentrations ≤0.5 milligrams per liter (mg/L); the DO concentrations in the remaining wells were 0.8 and 3.4 mg/L. The measurement of 3.4 mg/L was observed at monitoring well MW-23US. This well is located directly downgradient of where three new injection wells (A-24US, A-25US, and A-26US) were being installed during the time of sampling. It is believed the DO reading was likely affected by the drilling. DO concentrations <0.5 mg/L are considered most favorable to reductive dechlorination (Wiedemeier, et al., 1998).

- ORP – During the November 2013 monitoring event, all but one of the monitored locations recorded negative ORP values. The values ranged from 48 to -380 millivolts (mV). The one lone positive ORP value of 48 mV was obtained from MW-23US; the same well with elevated DO. Overall, the ORP values indicated mild to strongly reducing groundwater conditions. ORP values < 50mV indicate that reduction is likely; ORP values < -100mV indicate that reduction is very likely (Wiedemeier, et al., 1998).

- pH – Generally, the majority of wells were slightly acidic as is expected with the generation of volatile fatty acids by ERD. All values are well within the optimal range of pH for ongoing reductive dechlorination (Weidemeier, et al., 1998). The pH values at the monitored locations within the Phase 1 area ranged from 6.3 (PZI-1) to 7.5 (MW-T-6S). Several of the monitoring well locations in the southern portion of the site (Phase 2 area) displayed basic values of pH (MW-20LI, MW-21S, and MW-22US), indicating that the buffering amendments that were being recirculated in nearby injection wells at the time the samples were being collected were having an effect on the monitored groundwater. The pH values of several wells in the southern area were re-measured in February 2014 and indicated that slightly acidic groundwater conditions (i.e., 6.5 to 6.8) are now present.

4.3 TOTAL ORGANIC CARBON (FIGURE 6)

The detected concentrations of TOC in the Phase 1 area ranged from <5 mg/L to 16 mg/L. Overall, little change in the TOC concentrations in this portion of the site was observed during 2013. Within the southern area, concentrations of TOC in three of the monitoring wells (MW-19S, MW-21S, and MW-22US) exhibited marked increases in TOC due to the carbon substrate injections that were occurring nearby.

4.4 INORGANIC PARAMETERS (FIGURE 7)

Bacteria use CVOCs as terminal electron acceptors during reductive dechlorination. Oxygen, nitrate, nitrite, sulfate, and ferric iron can act as competing terminal electron acceptors. As discussed above, oxygen is fairly well depleted in the treatment zone. Figure 7 presents the nitrate/nitrite and sulfate concentrations detected during the 2013 monitoring events. The nitrate/nitrite concentrations were typically <0.1 mg/L with only a few elevated levels detected at MW-18UI, MW-17LI, and MW-20LI (1.7 to 4.7 mg/L). Elevated concentrations of nitrate/nitrite have been previously detected at these same wells. Sulfate was detected at concentrations ranging from <0.5 to 250 mg/L. Some wells have shown decreases in sulfate since ERD began while others have increased. These data indicate that nitrate/nitrite has essentially been depleted from the treatment area, but sulfate generally remains in the treatment zone as an alternate electron acceptor. This in itself is not detrimental to the reductive dechlorination process other than some microbial activity will be diverted away from the CVOCs. As can be seen on Figure 7, concentrations of total iron have generally increased site wide since the start of the monitoring program. This is another indication of strong reducing conditions in the treatment zone (see Table 3).

5.0 REFERENCE

Wiedemeier, T.H., M.A. Swanson, D.E. Moutoux, E.K. Gordon, J.T. Wilson, B.H. Wilson, D.H. Kampbell, P.E. Haas, R.N. Miller, J.E. Hansen, and F.H. Chapelle, 1998, Technical Protocol for Evaluating Natural Attenuation of Chlorinated Solvents in Ground Water: USEPA/600/R-98/128, September 1998, USEPA, Washington, DC, ftp://ftp.epa.gov.pub/ada/reports/protocol.pdf.

Figures

PLOT INFO: Z:\2010\100464A\CAD\GIS\Map_Doc\NOV 2013 Sampling\FIG01_Treatability Study Location Map.mxd Date: 1/15/2014 10:17:23 AM User: acs

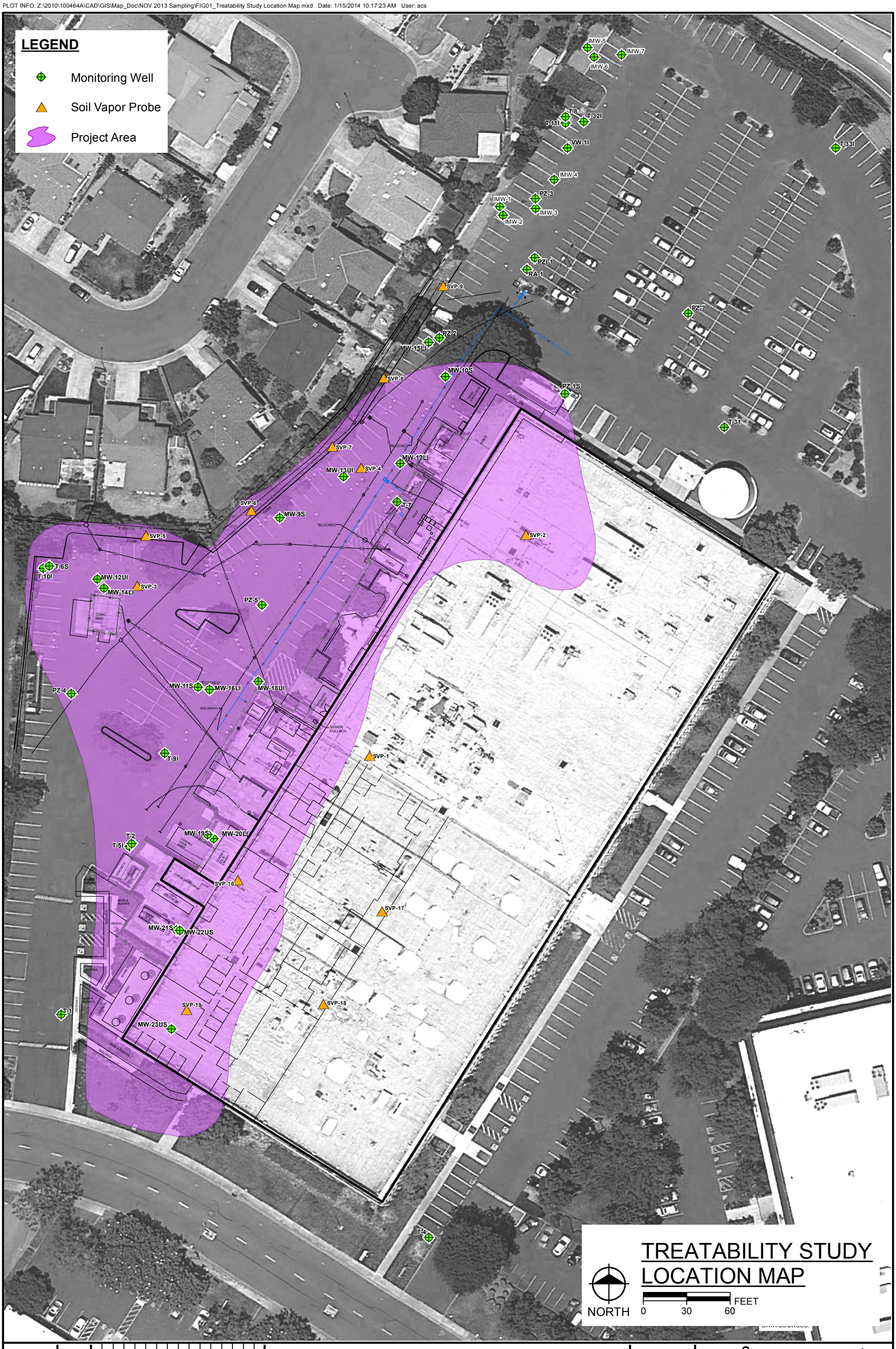

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FIGURE NO. 1

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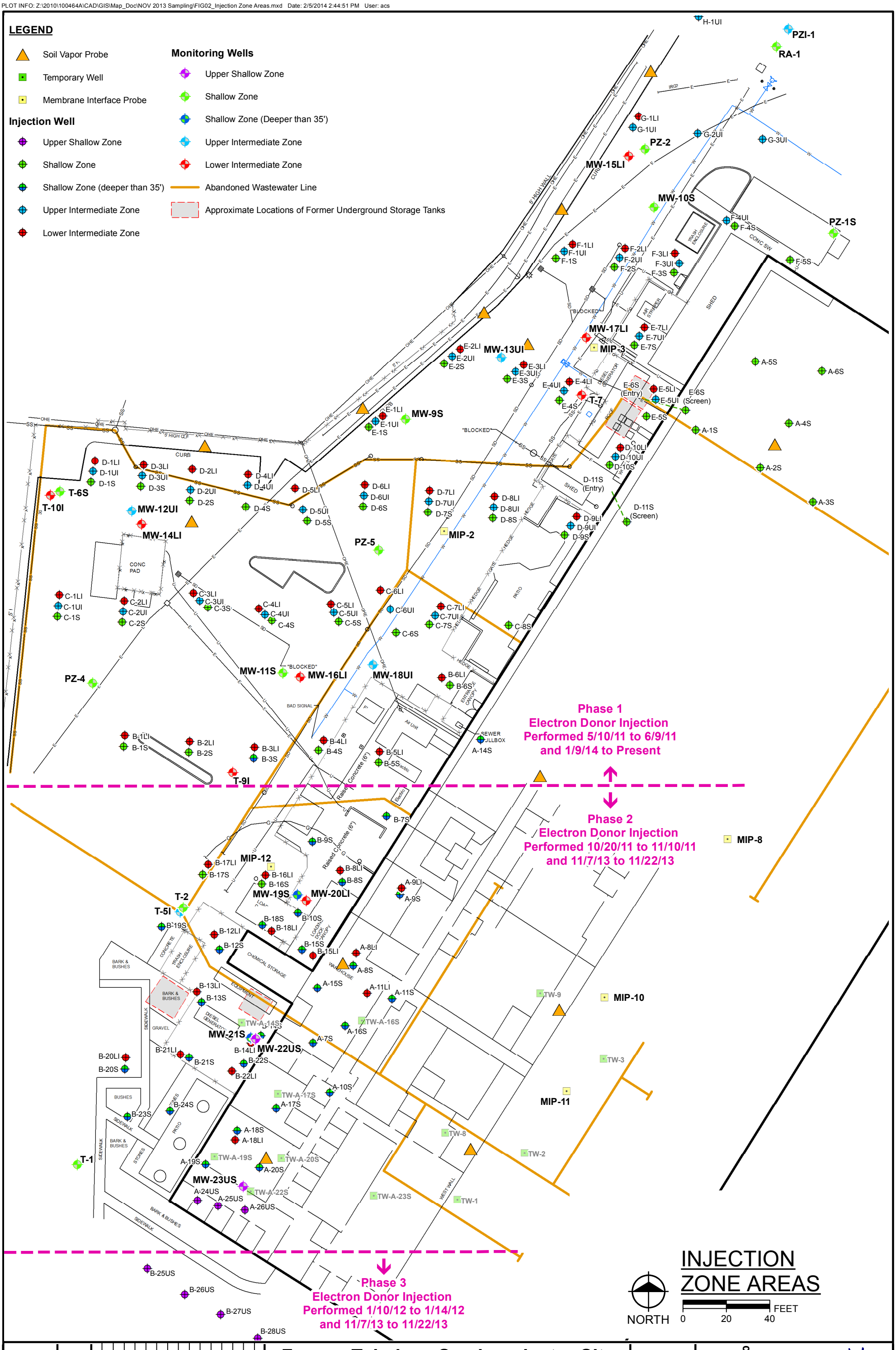

INJECTION ZONE AREAS

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FIGURE NO. 2

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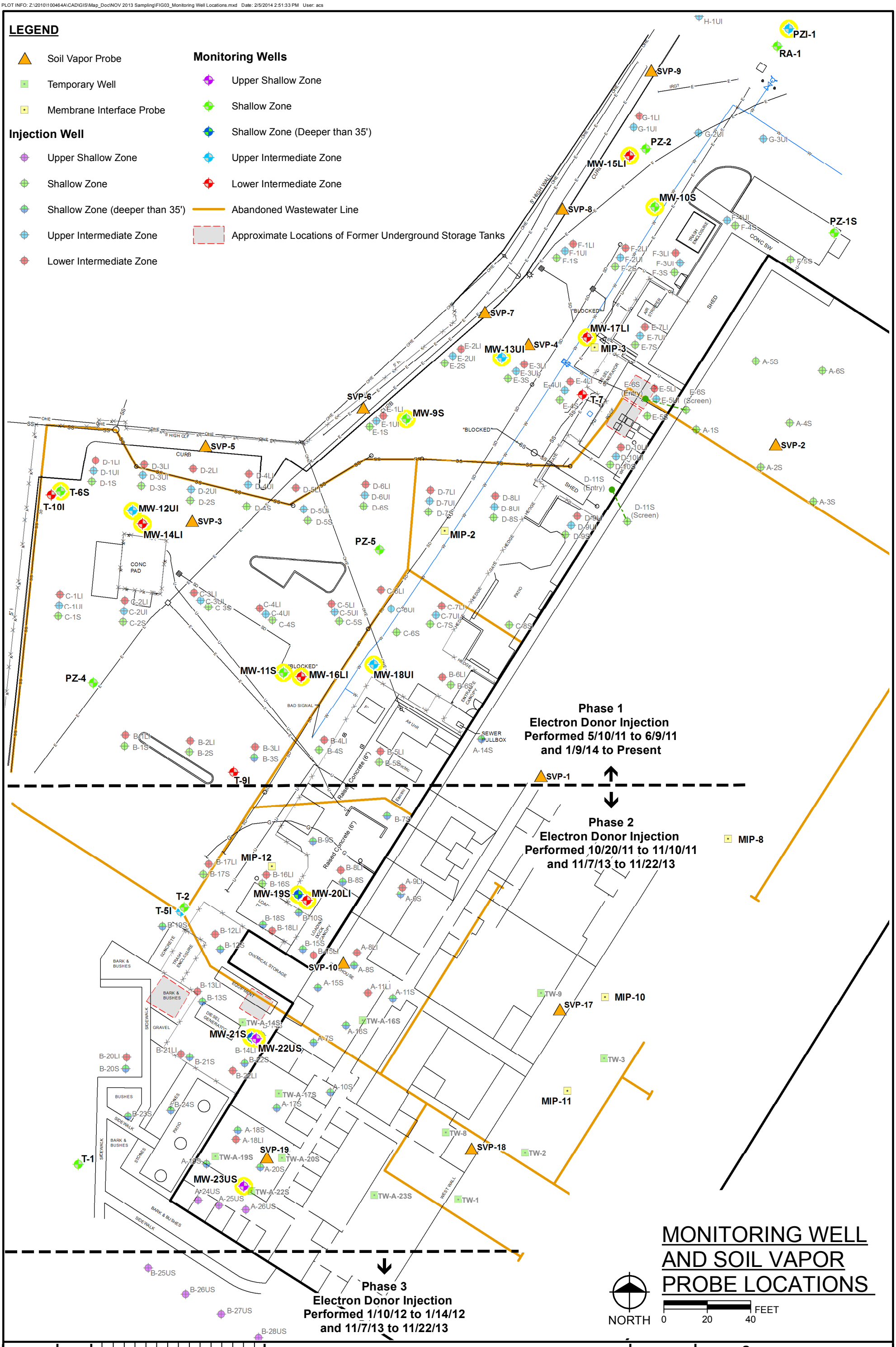

MONITORING WELL AND SOIL VAPOR PROBE LOCATIONS

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FIGURE NO. 3

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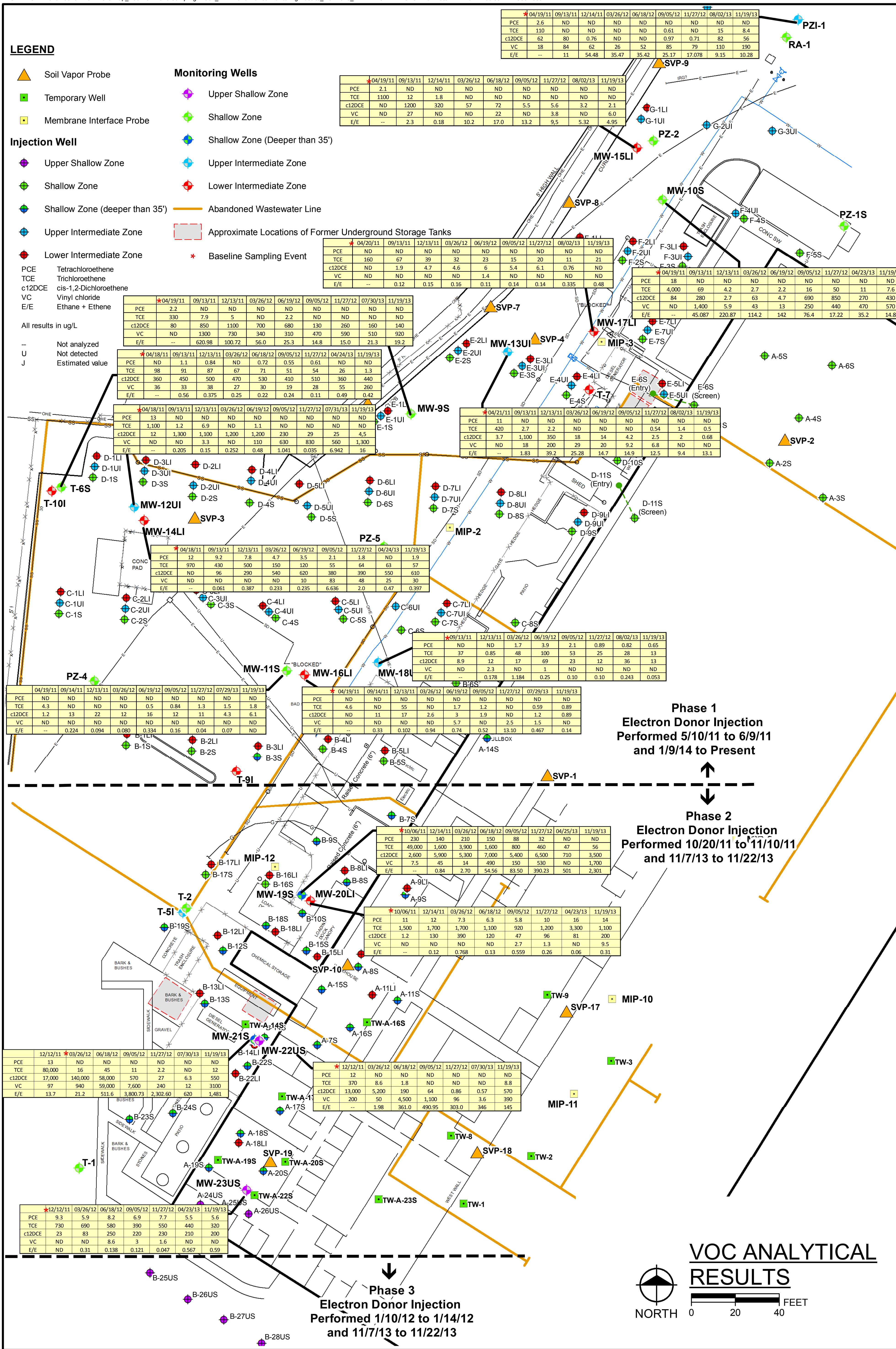
PLOT INFO: Z:\2010\100464A\CAD\GIS\Map_Doc\NOV 2013 Sampling\FIG04_ERD Performance Monitoring Results_NOV2013_WITH EXCEEDANCES.mxd Date: 2/17/2014 2:08:00 PM User: acs



	*04/19/11	09/13/11	12/14/11	03/26/12	06/18/12	09/05/12	11/27/12	08/02/13	11/19/13
PCE	2.6	ND	ND	ND	ND	ND	ND	ND	ND
TCE	110	ND	ND	ND	ND	0.61	ND	15	8.4
c12DCE	62	80	0.76	ND	ND	0.97	0.71	82	56
VC	18	84	62	26	52	85	79	110	190
E/E	--	11	54.48	35.47	35.42	25.17	17.078	9.15	10.28

	*04/19/11	09/13/11	12/14/11	03/26/12	06/18/12	09/05/12	11/27/12	08/02/13	11/19/13
PCE	2.1	ND	ND	ND	ND	ND	ND	ND	ND
TCE	1100	12	1.8	ND	ND	ND	ND	ND	ND
c12DCE	ND	1200	320	57	72	5.5	5.6	3.2	2.1
VC	ND	27	ND	ND	22	ND	3.8	ND	6.0
E/E	--	2.3	0.18	10.2	17.0	13.2	9,5	5.32	4.95

	*04/20/11	09/13/11	12/13/11	03/26/12	06/19/12	09/05/12	11/27/12	08/02/13	11/19/13
PCE	ND	ND	ND	ND	ND	ND	ND	ND	ND
TCE	160	67	39	32	23	15	20	11	21
c12DCE	ND	1.9	4.7	4.6	6	5.4	6.1	0.76	ND
VC	ND	ND	ND	ND	1.4	ND	ND	ND	ND
E/E	--	0.12	0.15	0.16	0.11	0.14	0.14	0.335	0.48

	*04/19/11	09/13/11	12/13/11	03/26/12	06/19/12	09/05/12	11/27/12	04/23/13	11/19/13
PCE	18	ND	ND	ND	ND	ND	ND	ND	ND
TCE	4,000	69	4.2	2.7	2.2	16	50	11	7.6
c12DCE	84	280	2.7	63	4.7	690	850	270	430
VC	ND	1,400	5.9	43	13	250	440	470	570
E/E	--	45.087	220.87	114.2	142	76.4	17.22	35.2	14.8

	*04/19/11	09/13/11	12/13/11	03/26/12	06/19/12	09/05/12	11/27/12	07/30/13	11/19/13
PCE	2.2	ND	ND	ND	ND	ND	ND	ND	ND
TCE	330	7.9	5	ND	2.2	ND	ND	ND	ND
c12DCE	80	850	1100	700	680	130	260	160	140
VC	ND	1300	730	340	310	470	590	510	920
E/E	--	620.98	100.72	56.0	25.3	14.8	15.0	21.3	19.2

	*04/18/11	09/13/11	12/13/11	03/26/12	06/19/12	09/05/12	11/27/12	04/24/13	11/19/13
PCE	ND	1.1	0.84	ND	0.72	0.55	0.61	ND	ND
TCE	98	91	87	67	71	51	54	26	1.3
c12DCE	360	450	500	470	530	410	510	360	440
VC	36	33	38	27	30	19	28	55	260
E/E	--	0.56	0.375	0.25	0.22	0.24	0.11	0.49	0.42

	*04/18/11	09/13/11	12/13/11	03/26/12	06/19/12	09/05/12	11/27/12	07/31/13	11/19/13
PCE	13	ND	ND	ND	ND	ND	ND	ND	ND
TCE	1,100	1.2	6.9	ND	1.1	ND	ND	ND	ND
c12DCE	12	1,300	1,100	1,200	1,200	230	29	25	4,5
VC	ND	ND	3.3	ND	110	630	830	560	1,300
E/E	--	0.205	0.15	0.252	0.48	1.041	0.035	6.942	16

	*04/21/11	09/13/11	12/13/11	03/26/12	06/19/12	09/05/12	11/27/12	08/02/13	11/19/13
PCE	11	ND	ND	ND	ND	ND	ND	ND	ND
TCE	420	2.7	2.2	ND	ND	ND	0.54	1.4	0.5
c12DCE	3.7	1,100	350	18	14	4.2	2.5	2	0.68
VC	ND	18	200	29	20	9.2	6.8	ND	ND
E/E	--	1.83	39.2	25.28	14.7	14.9	12.5	9.4	13.1

	*04/18/11	09/13/11	12/13/11	03/26/12	06/19/12	09/05/12	11/27/12	04/24/13	11/19/13
PCE	12	9.2	7.8	4.7	3.5	2.1	1.8	ND	1.9
TCE	970	430	500	150	120	55	64	63	57
c12DCE	ND	96	290	540	620	380	390	550	610
VC	ND	ND	ND	ND	10	83	48	25	30
E/E	--	0.061	0.387	0.233	0.235	6.636	2.0	0.47	0.397

	*09/13/11	12/13/11	03/26/12	06/19/12	09/05/12	11/27/12	08/02/13	11/19/13
PCE	ND	ND	1.7	3.9	2.1	0.89	0.82	0.65
TCE	37	0.85	48	100	53	25	28	13
c12DCE	8.9	12	17	69	23	12	36	13
VC	ND	2.3	ND	1	ND	ND	ND	ND
E/E	--	0.178	1.184	0.25	0.10	0.10	0.243	0.053

	04/19/11	09/14/11	12/13/11	03/26/12	06/19/12	09/05/12	11/27/12	07/29/13	11/19/13
PCE	ND	ND	ND	ND	ND	ND	ND	ND	ND
TCE	4.3	ND	ND	ND	0.5	0.84	1.3	1.5	1.8
c12DCE	1.2	13	22	12	16	12	11	4.3	6.1
VC	ND	ND	ND	ND	ND	ND	ND	ND	ND
E/E	--	0.224	0.094	0.080	0.334	0.16	0.04	0.07	ND

	*04/19/11	09/14/11	12/13/11	03/26/12	06/19/12	09/05/12	11/27/12	07/29/13	11/19/13
PCE	ND	ND	ND	ND	ND	ND	ND	ND	ND
TCE	4.6	ND	55	ND	1.7	1.2	ND	0.59	0.89
c12DCE	ND	11	17	2.6	3	1.9	ND	1.2	0.89
VC	ND	ND	ND	ND	5.7	ND	2.5	1.5	ND
E/E	--	0.33	0.102	0.94	0.74	0.52	13.10	0.467	0.14

	*10/06/11	12/14/11	03/26/12	06/18/12	09/05/12	11/27/12	04/25/13	11/19/13
PCE	230	140	210	150	88	32	ND	ND
TCE	49,000	1,600	3,900	1,600	800	460	47	56
c12DCE	2,600	5,900	5,300	7,000	5,400	6,500	710	3,500
VC	7.5	45	14	490	150	530	ND	1,700
E/E	--	0.84	2.70	54.56	83.50	390.23	501	2,301

	*10/06/11	12/14/11	03/26/12	06/18/12	09/05/12	11/27/12	04/23/13	11/19/13
PCE	11	12	7.3	6.3	5.8	10	16	14
TCE	1,500	1,700	1,700	1,100	920	1,200	3,300	1,100
c12DCE	1.2	130	390	120	47	96	81	200
VC	ND	ND	ND	ND	2.7	1.3	ND	9.5
E/E	--	0.12	0.768	0.13	0.559	0.26	0.06	0.31

	12/12/11	*03/26/12	06/18/12	09/05/12	11/27/12	07/30/13	11/19/13
PCE	13	ND	ND	ND	ND	ND	ND
TCE	80,000	16	45	11	2.2	ND	12
c12DCE	17,000	140,000	58,000	570	27	6.3	550
VC	97	940	59,000	7,600	240	12	3100
E/E	13.7	21.2	511.6	3,800.73	2,302.60	620	1,481

	*12/12/11	03/26/12	06/18/12	09/05/12	11/27/12	07/30/13	11/19/13
PCE	12	ND	ND	ND	ND	ND	ND
TCE	370	8.6	1.8	ND	ND	ND	8.8
c12DCE	13,000	5,200	190	64	0.86	0.57	570
VC	200	50	4,500	1,100	96	3.6	390
E/E	--	1.98	361.0	490.95	303.0	346	145

	*12/12/11	03/26/12	06/18/12	09/05/12	11/27/12	04/23/13	11/19/13
PCE	9.3	5.9	8.2	6.9	7.7	5.5	5.6
TCE	730	690	580	390	550	440	320
c12DCE	23	83	250	220	230	210	200
VC	ND	ND	8.6	3	1.6	ND	ND
E/E	ND	0.31	0.138	0.121	0.047	0.567	0.59

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FIGURE NO. 4

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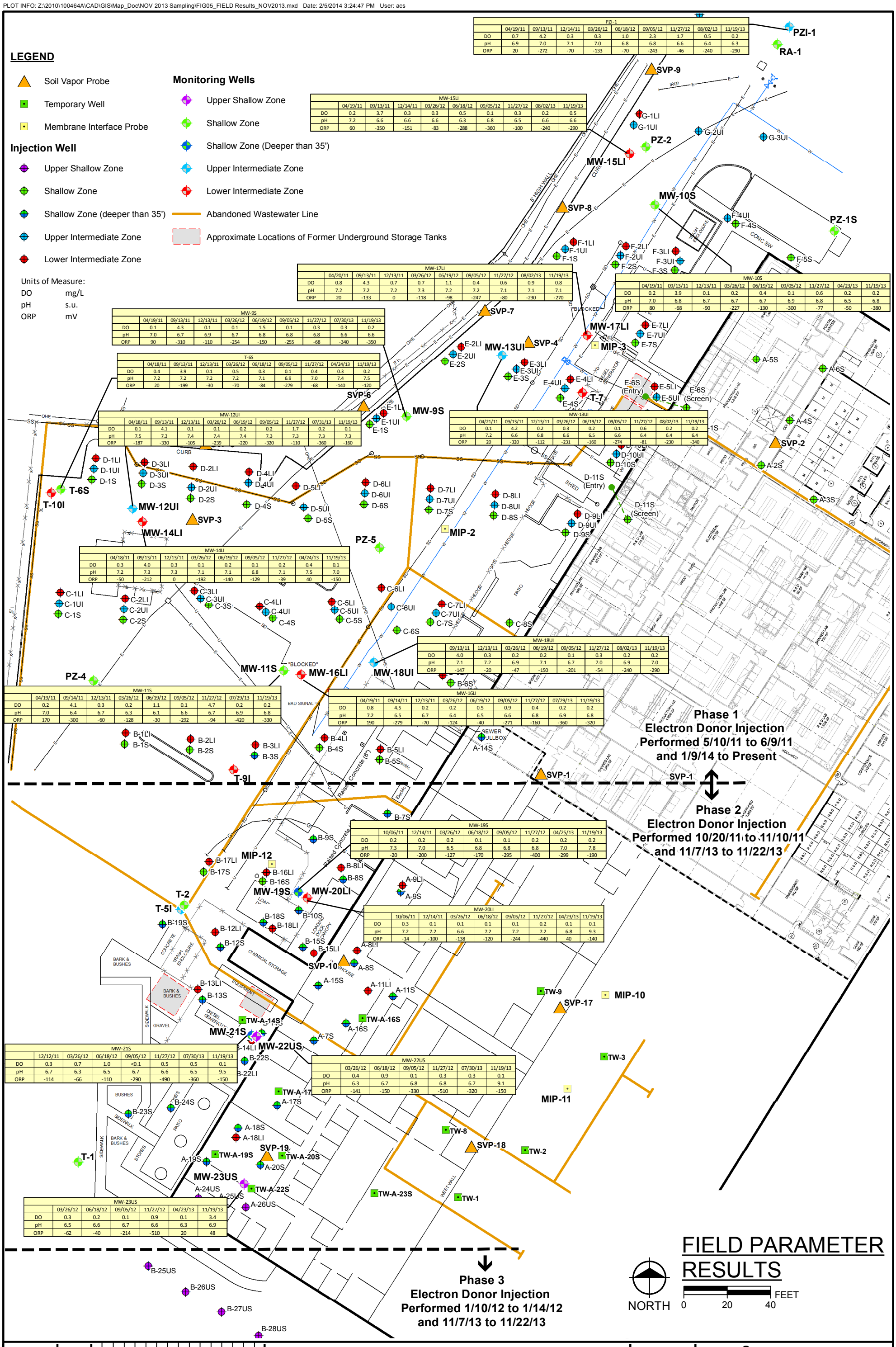

PZI-1	04/19/11	09/13/11	12/14/11	03/26/12	06/18/12	09/05/12	11/27/12	08/02/13	11/19/13
DO	0.7	4.2	0.3	0.3	1.0	2.3	1.7	0.5	0.2
pH	6.9	7.0	7.1	7.0	6.8	6.8	6.6	6.4	6.3
ORP	20	-272	-70	-133	-70	-243	-46	-240	-290

MW-15LI	04/19/11	09/13/11	12/14/11	03/26/12	06/18/12	09/05/12	11/27/12	08/02/13	11/19/13
DO	0.2	3.7	0.3	0.3	0.5	0.1	0.3	0.2	0.5
pH	7.2	6.6	6.6	6.6	6.3	6.8	6.5	6.6	6.6
ORP	60	-350	-151	-83	-288	-360	-100	-240	-290

MW-17LI	04/20/11	09/13/11	12/13/11	03/26/12	06/19/12	09/05/12	11/27/12	08/02/13	11/19/13
DO	0.8	4.3	0.7	0.7	1.1	0.4	0.6	0.9	0.8
pH	7.2	7.2	7.2	7.3	7.2	7.2	7.1	7.1	7.1
ORP	20	-133	0	-118	-98	-247	-80	-230	-270

MW-10S	04/19/11	09/13/11	12/13/11	03/26/12	06/19/12	09/05/12	11/27/12	04/23/13	11/19/13
DO	0.2	3.9	0.1	0.2	0.4	0.1	0.6	0.2	0.2
pH	7.0	6.8	6.7	6.7	6.7	6.9	6.8	6.5	6.8
ORP	80	-68	-90	-227	-130	-300	-77	-50	-380

MW-9S	04/19/11	09/13/11	12/13/11	03/26/12	06/19/12	09/05/12	11/27/12	07/30/13	11/19/13
DO	0.1	4.3	0.1	0.1	1.5	0.1	0.3	0.3	0.2
pH	7.0	6.7	6.9	6.7	6.8	6.8	6.8	6.6	6.6
ORP	90	-310	-110	-254	-150	-255	-68	-340	-350

T-6S	04/18/11	09/13/11	12/13/11	03/26/12	06/18/12	09/05/12	11/27/12	04/24/13	11/19/13
DO	0.4	3.9	0.1	0.5	0.3	0.1	0.4	0.3	0.2
pH	7.2	7.2	7.2	7.2	7.1	6.9	7.0	7.4	7.5
ORP	20	-199	-30	-70	-84	-279	-68	-140	-120

MW-12UI	04/18/11	09/13/11	12/13/11	03/26/12	06/19/12	09/05/12	11/27/12	07/31/13	11/19/13
DO	0.1	4.1	0.1	0.1	0.2	0.2	1.7	0.2	0.1
pH	7.5	7.3	7.4	7.4	7.4	7.3	7.3	7.3	7.3
ORP	-187	-330	-105	-239	-220	-320	-110	-360	-160

MW-13UI	04/21/11	09/13/11	12/13/11	03/26/12	06/19/12	09/05/12	11/27/12	08/02/13	11/19/13
DO	0.1	4.2	0.2	0.3	0.2	0.1	0.6	0.2	0.2
pH	7.2	6.6	6.8	6.6	6.5	6.6	6.4	6.4	6.4
ORP	20	-320	-112	-231	-160	-274	-81	-230	-340

MW-14LI	04/18/11	09/13/11	12/13/11	03/26/12	06/19/12	09/05/12	11/27/12	04/24/13	11/19/13
DO	0.3	4.0	0.3	0.1	0.2	0.1	0.2	0.4	0.1
pH	7.2	7.3	7.3	7.1	7.1	6.8	7.1	7.5	7.0
ORP	-50	-212	0	-192	-140	-129	-39	40	-150

MW-18UI	09/13/11	12/13/11	03/26/12	06/19/12	09/05/12	11/27/12	08/02/13	11/19/13
DO	4.0	0.3	0.2	0.2	0.1	0.3	0.2	0.2
pH	7.1	7.2	6.9	7.1	6.7	7.0	6.9	7.0
ORP	-147	-20	-47	-150	-201	-54	-240	-290

MW-11S	04/19/11	09/14/11	12/13/11	03/26/12	06/19/12	09/05/12	11/27/12	07/29/13	11/19/13
DO	0.2	4.1	0.3	0.2	1.1	0.1	4.7	0.2	0.2
pH	7.0	6.4	6.7	6.3	6.1	6.6	6.7	6.9	6.8
ORP	170	-300	-60	-128	-30	-292	-94	-420	-330

MW-16LI	04/19/11	09/14/11	12/13/11	03/26/12	06/19/12	09/05/12	11/27/12	07/29/13	11/19/13
DO	0.8	4.5	0.2	0.2	0.5	0.9	0.4	0.2	0.2
pH	7.2	6.5	6.7	6.4	6.5	6.6	6.8	6.9	6.8
ORP	190	-279	-70	-124	-40	-271	-160	-360	-320

MW-19S	10/06/11	12/14/11	03/26/12	06/18/12	09/05/12	11/27/12	04/25/13	11/19/13
DO	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2
pH	7.3	7.0	6.5	6.8	6.8	6.8	7.0	7.8
ORP	-20	-200	-127	-170	-295	-400	-299	-190

MW-20LI	10/06/11	12/14/11	03/26/12	06/18/12	09/05/12	11/27/12	04/23/13	11/19/13
DO	0.3	0.1	0.1	0.1	0.1	0.2	0.1	0.1
pH	7.2	7.2	6.6	7.2	7.2	7.2	6.8	9.3
ORP	-14	-100	-138	-120	-244	-440	40	-140

MW-21S	12/12/11	03/26/12	06/18/12	09/05/12	11/27/12	07/30/13	11/19/13
DO	0.3	0.7	1.0	<0.1	0.5	0.5	0.1
pH	6.7	6.3	6.5	6.7	6.6	6.5	9.5
ORP	-114	-66	-110	-290	-490	-360	-150

MW-22US	03/26/12	06/18/12	09/05/12	11/27/12	07/30/13	11/19/13
DO	0.4	0.9	0.1	0.3	0.3	0.1
pH	6.3	6.7	6.8	6.8	6.7	9.1
ORP	-141	-150	-330	-510	-320	-150

MW-23US	03/26/12	06/18/12	09/05/12	11/27/12	04/23/13	11/19/13
DO	0.3	0.2	0.1	0.9	0.1	3.4
pH	6.5	6.6	6.7	6.6	6.3	6.9
ORP	-62	-40	-214	-510	20	48

Former Teledyne Semiconductor Site

Mountain View, California

November 2013 Performance Monitoring

PROJECT NO. G100464M

FIGURE NO. 5

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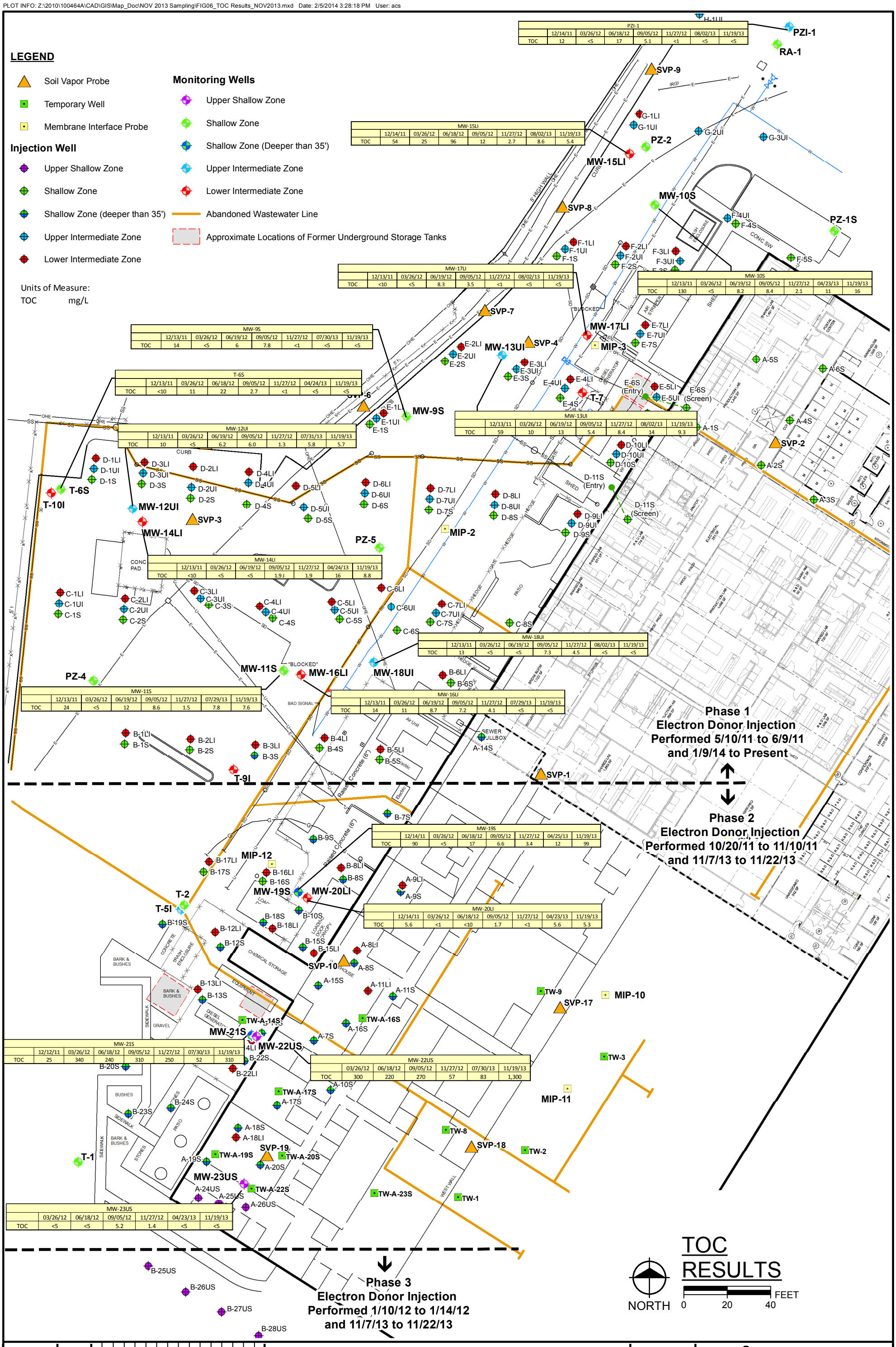
PLOT INFO: Z:\2010\100464A\CAD\GIS\Map_Doc\NOV 2013 Sampling\FIG06_TOC Results_NOV2013.mxd Date: 2/5/2014 3:28:18 PM User: acs



PZI-1	12/14/11	03/26/12	06/18/12	09/05/12	11/27/12	08/02/13	11/19/13
TOC	12	<5	17	5.1	<1	<5	<5

MW-15LI	12/14/11	03/26/12	06/18/12	09/05/12	11/27/12	08/02/13	11/19/13
TOC	54	25	96	12	2.7	8.6	5.4

MW-17LI	12/13/11	03/26/12	06/19/12	09/05/12	11/27/12	08/02/13	11/19/13
TOC	<10	<5	8.3	3.5	<1	<5	<5

MW-10S	12/13/11	03/26/12	06/19/12	09/05/12	11/27/12	04/23/13	11/19/13
TOC	130	<5	8.2	8.4	2.1	11	16

MW-9S	12/13/11	03/26/12	06/19/12	09/05/12	11/27/12	07/30/13	11/19/13
TOC	14	<5	6	7.8	<1	<5	<5

T-6S	12/13/11	03/26/12	06/18/12	09/05/12	11/27/12	04/24/13	11/19/13
TOC	<10	11	22	2.7	<1	<5	<5

MW-12UI	12/13/11	03/26/12	06/19/12	09/05/12	11/27/12	07/31/13	11/19/13
TOC	10	<5	6.2	6.0	1.3	5.8	5.7

MW-13UI	12/13/11	03/26/12	06/19/12	09/05/12	11/27/12	08/02/13	11/19/13
TOC	59	10	13	5.4	8.4	14	9.3

MW-14LI	12/13/11	03/26/12	06/19/12	09/05/12	11/27/12	04/24/13	11/19/13
TOC	<10	<5	<5	1.9 J	1.9	16	8.8

MW-18UI	12/13/11	03/26/12	06/19/12	09/05/12	11/27/12	08/02/13	11/19/13
TOC	13	<5	<5	7.3	4.5	<5	<5

MW-11S	12/13/11	03/26/12	06/19/12	09/05/12	11/27/12	07/29/13	11/19/13
TOC	24	<5	12	8.6	1.5	7.8	7.6

MW-16LI	12/13/11	03/26/12	06/19/12	09/05/12	11/27/12	07/29/13	11/19/13
TOC	14	11	8.7	7.2	4.1	<5	<5

MW-19S	12/14/11	03/26/12	06/18/12	09/05/12	11/27/12	04/25/13	11/19/13
TOC	90	<5	17	6.6	3.4	12	99

MW-20LI	12/14/11	03/26/12	06/18/12	09/05/12	11/27/12	04/23/13	11/19/13
TOC	5.6	<1	<10	1.7	<1	5.6	5.3

MW-21S	12/12/11	03/26/12	06/18/12	09/05/12	11/27/12	07/30/13	11/19/13
TOC	25	340	240	310	250	52	310

MW-22US	03/26/12	06/18/12	09/05/12	11/27/12	07/30/13	11/19/13
TOC	300	220	270	57	83	1,300

MW-23US	03/26/12	06/18/12	09/05/12	11/27/12	04/23/13	11/19/13
TOC	<5	<5	5.2	1.4	<5	<5

TOC RESULTS

Former Teledyne Semiconductor Site

Mountain View, California

November 2013 Performance Monitoring

FIGURE NO. 6

PROJECT NO. G100464M

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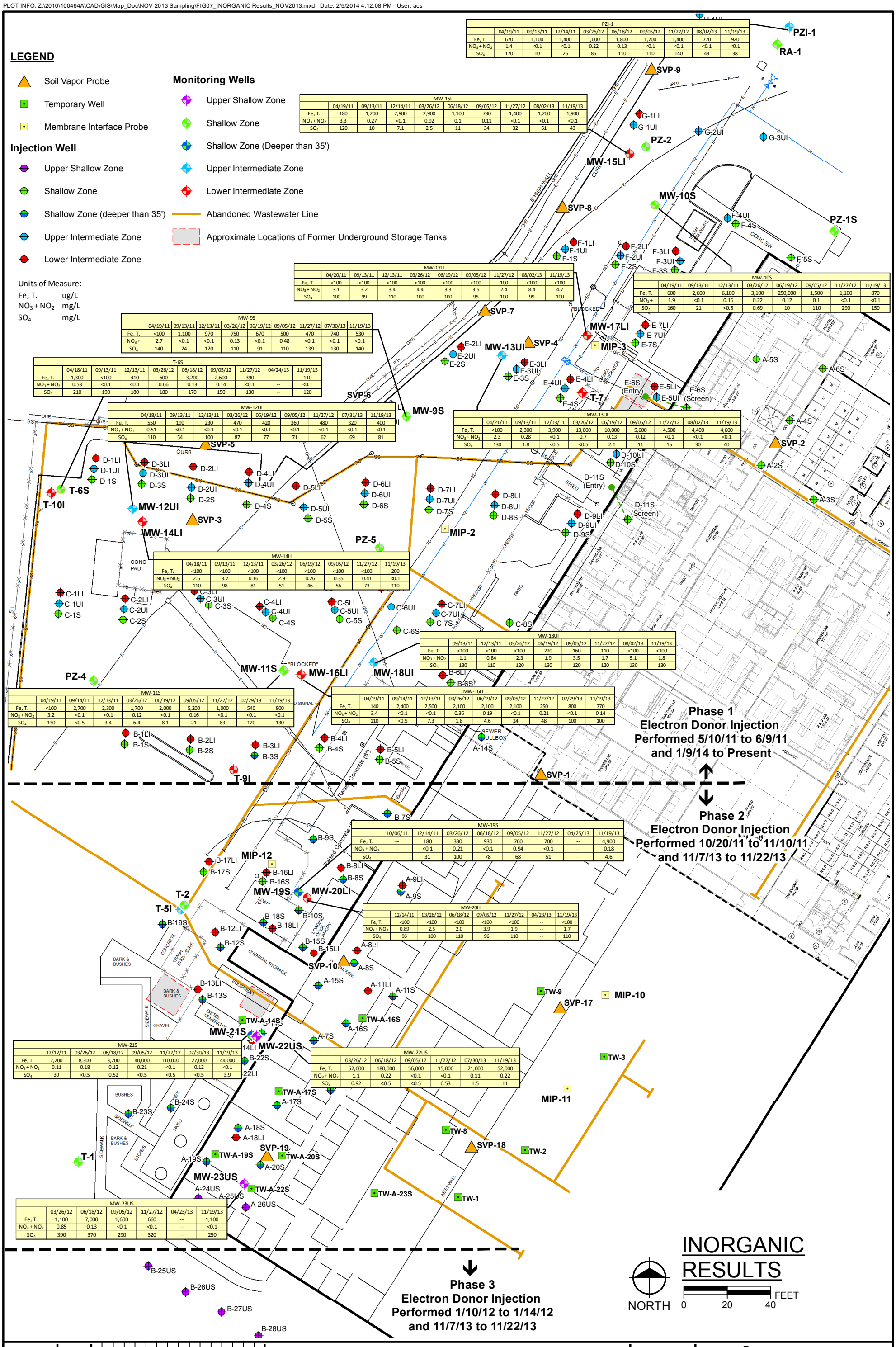

PZI-1

	04/19/11	09/13/11	12/14/11	03/26/12	06/18/12	09/05/12	11/27/12	08/02/13	11/19/13
Fe, T.	670	1,100	1,400	1,600	1,800	1,700	1,400	770	920
NO_3+NO_2	1.4	<0.1	<0.1	0.22	0.13	<0.1	<0.1	<0.1	<0.1
SO_4	170	10	25	85	110	110	140	43	38

MW-15LI

	04/19/11	09/13/11	12/14/11	03/26/12	06/18/12	09/05/12	11/27/12	08/02/13	11/19/13
Fe, T.	180	1,200	2,900	2,900	1,100	730	1,400	1,200	1,900
NO_3+NO_2	3.3	0.27	<0.1	0.92	0.1	0.11	<0.1	<0.1	<0.1
SO_4	120	10	7.1	2.5	11	34	32	51	43

MW-17LI

	04/20/11	09/13/11	12/13/11	03/26/12	06/19/12	09/05/12	11/27/12	08/02/13	11/19/13
Fe, T.	<100	<100	<100	<100	<100	<100	100	<100	<100
NO_3+NO_2	3.1	3.2	3.4	4.4	3.3	3.5	2.4	8.4	4.7
SO_4	100	99	110	100	100	95	100	99	100

MW-10S

	04/19/11	09/13/11	12/13/11	03/26/12	06/19/12	09/05/12	11/27/12	11/19/13
Fe, T.	600	2,600	6,100	3,100	250,000	1,500	1,100	870
NO_3+	1.9	<0.1	0.16	0.22	0.12	0.1	<0.1	<0.1
SO_4	160	21	<0.5	0.69	10	110	290	150

MW-9S

	04/19/11	09/13/11	12/13/11	03/26/12	06/19/12	09/05/12	11/27/12	07/30/13	11/19/13
Fe, T.	<100	1,100	970	750	670	500	470	740	530
NO_3+	2.7	<0.1	<0.1	0.13	<0.1	0.48	<0.1	<0.1	<0.1
SO_4	140	24	120	110	91	110	139	130	140

T-6S

	04/18/11	09/13/11	12/13/11	03/26/12	06/18/12	09/05/12	11/27/12	04/24/13	11/19/13
Fe, T.	1,300	<100	410	600	3,200	2,600	390	--	110
NO_3+NO_2	0.53	<0.1	<0.1	0.66	0.13	0.14	<0.1	--	<0.1
SO_4	210	190	180	180	170	150	130	--	120

MW-12UI

	04/18/11	09/13/11	12/13/11	03/26/12	06/19/12	09/05/12	11/27/12	07/31/13	11/19/13
Fe, T.	550	190	230	470	420	360	480	320	400
NO_3+NO_2	0.51	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SO_4	110	54	100	87	77	71	62	69	81

MW-13UI

	04/21/11	09/13/11	12/13/11	03/26/12	06/19/12	09/05/12	11/27/12	08/02/13	11/19/13
Fe, T.	<100	2,300	3,900	13,000	10,000	5,600	4,500	4,400	4,600
NO_3+NO_2	2.3	0.28	<0.1	0.7	0.13	0.12	<0.1	<0.1	<0.1
SO_4	130	1.8	<0.5	<0.5	2.1	11	15	30	40

MW-14LI

	04/18/11	09/13/11	12/13/11	03/26/12	06/19/12	09/05/12	11/27/12	11/19/13
Fe, T.	<100	<100	<100	<100	<100	<100	<100	200
NO_3+NO_2	2.6	3.7	0.16	2.9	0.26	0.35	0.41	<0.1
SO_4	110	98	81	51	46	56	73	110

MW-18UI

	09/13/11	12/13/11	03/26/12	06/19/12	09/05/12	11/27/12	08/02/13	11/19/13
Fe, T.	<100	<100	<100	220	160	110	<100	<100
NO_3+NO_2	1.1	0.84	2.3	1.9	3.5	1.7	5.1	1.8
SO_4	130	110	120	130	120	120	130	130

MW-11S

	04/19/11	09/14/11	12/13/11	03/26/12	06/19/12	09/05/12	11/27/12	07/29/13	11/19/13
Fe, T.	<100	2,700	2,300	1,700	2,000	5,200	1,000	540	800
NO_3+NO_2	3.2	<0.1	<0.1	0.12	<0.1	0.16	<0.1	<0.1	<0.1
SO_4	130	<0.5	3.4	6.4	8.1	21	83	120	130

MW-16LI

	04/19/11	09/14/11	12/13/11	03/26/12	06/19/12	09/05/12	11/27/12	07/29/13	11/19/13
Fe, T.	140	2,400	2,500	2,100	2,100	2,100	250	800	770
NO_3+NO_2	3.4	<0.1	<0.1	0.36	0.19	<0.1	0.21	<0.1	0.14
SO_4	110	<0.5	7.3	1.8	4.6	24	48	100	100

MW-19S

	10/06/11	12/14/11	03/26/12	06/18/12	09/05/12	11/27/12	04/25/13	11/19/13
Fe, T.	--	180	330	930	760	700	--	4,900
NO_3+NO_2	--	<0.1	0.21	<0.1	0.94	<0.1	--	0.18
SO_4	--	31	100	78	68	51	--	4.6

MW-20LI

	12/14/11	03/26/12	06/18/12	09/05/12	11/27/12	04/23/13	11/19/13
Fe, T.	<100	<100	<100	<100	<100	--	<100
NO_3+NO_2	0.89	2.5	2.0	3.9	1.9	--	1.7
SO_4	96	100	110	96	110	--	110

MW-21S

	12/12/11	03/26/12	06/18/12	09/05/12	11/27/12	07/30/13	11/19/13
Fe, T.	2,200	8,300	3,200	40,000	110,000	27,000	44,000
NO_3+NO_2	0.11	0.18	0.12	0.21	<0.1	0.12	<0.1
SO_4	39	<0.5	0.52	<0.5	<0.5	<0.5	3.9

MW-22US

	03/26/12	06/18/12	09/05/12	11/27/12	07/30/13	11/19/13
Fe, T.	52,000	180,000	56,000	15,000	21,000	52,000
NO_3+NO_2	1.1	0.22	<0.1	<0.1	0.11	0.22
SO_4	0.92	<0.5	<0.5	0.53	1.5	11

MW-23US

	03/26/12	06/18/12	09/05/12	11/27/12	04/23/13	11/19/13
Fe, T.	1,100	7,000	1,600	660	--	1,100
NO_3+NO_2	0.85	0.13	<0.1	<0.1	--	<0.1
SO_4	390	370	290	320	--	250

INORGANIC RESULTS

Former Teledyne Semiconductor Site

Mountain View, California

November 2013 Performance Monitoring

PROJECT NO. G100464M

FIGURE NO. 7

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Tables

Table 1 - Monitoring Well Construction Details and Groundwater Elevations
Former Teledyne Semiconductor Spectra Physics Site
Mountain View, California
November 2013

Aquifer Unit	Monitoring Location	Ground Surface Elevation (ft)	TOC Elevation (ft)	Total Depth of Well (ft bgs)	Diameter (inches)	Screen Interval (ft bgs)	Water Level Measurement Date	Depth to Water (ft below TOC)	Groundwater Elevation (ft)
Shallow Zone	MW-9S	29.86	27.21	35.0	2	20 - 35	04/21/11	7.70	19.51
							09/13/11	8.65	18.56
							12/13/11	8.70	18.51
							03/26/12	8.24	18.97
							06/18/12	8.84	18.37
							09/05/12	9.20	18.01
							11/27/12	8.81	18.40
							07/29/13	9.75	17.46
							11/19/13	8.87	18.34
	MW-10S	30.48	27.81	35.0	2	20 - 35	04/21/11	8.90	18.91
							09/13/11	9.85	17.96
							12/13/11	9.71	18.10
							03/26/12	9.36	18.45
							06/18/12	9.94	17.87
							09/05/12	10.31	17.50
							11/27/12	9.95	17.86
							04/23/13	9.85	17.96
							11/19/13	10.07	17.74
	MW-11S	30.39	27.74	35.0	2	20 - 35	04/21/11	7.39	20.35
							09/14/11	7.07	20.67
							12/13/11	7.10	20.64
							03/26/12	6.92	20.82
							06/18/12	7.40	20.34
							09/05/12	7.97	19.77
							11/27/12	7.52	20.22
							07/29/13	7.82	19.92
							11/19/13	7.81	19.93
	MW-19S	31.6	28.96	45.0	2	25 - 45	12/14/11	8.43	20.53
							03/26/12	8.03	20.93
							06/18/12	8.50	20.46
							09/05/12	9.08	19.88
							11/27/12	8.64	20.32
							04/25/13	8.57	20.39
							11/19/13	8.76	20.20
	MW-21S	NS	29.22	41.0	1	21 - 41	12/12/11	8.26	20.96
							03/26/12	10.02	19.20
							06/18/12	11.38	17.84
							09/05/12	9.64	19.58
							11/27/12	8.87	20.35
							07/29/13	9.34	19.88
							11/19/13	8.34	20.88
	MW-22US	NS	29.34	20.0	1	10 - 20	12/12/11	8.81	20.53
							03/26/12	8.60	20.74
							06/18/12	9.60	19.74
							09/05/12	9.83	19.51
							11/27/12	9.09	20.25
							07/29/13	9.13	20.21
							11/19/13	9.13	20.21
	MW-23US	NS	NS	20.0	1	10 - 20	12/12/11	8.80	
							03/26/12	8.70	
							06/18/12	9.22	
							09/05/12	9.64	
							11/27/12	9.23	
							04/23/13	8.88	
							11/19/13	9.12	
	T-6S	27.40	27.20	25.0	2	5 - 25	04/21/11	7.60	19.60
							09/13/11	8.03	19.17
							12/13/11	8.00	19.20
							03/26/12	7.70	19.50
							06/18/12	8.10	19.10
							09/05/12	8.69	18.51
							11/27/12	8.16	19.04
							04/24/13	8.00	19.20
							11/19/13	8.21	18.99

Table 1 - Monitoring Well Construction Details and Groundwater Elevations
Former Teledyne Semiconductor Spectra Physics Site
Mountain View, California
November 2013

Aquifer Unit	Monitoring Location	Ground Surface Elevation (ft)	TOC Elevation (ft)	Total Depth of Well (ft bgs)	Diameter (inches)	Screen Interval (ft bgs)	Water Level Measurement Date	Depth to Water (ft below TOC)	Groundwater Elevation (ft)
Upper-Intermediate Zone	MW-12UI	29.57	26.87	50.0	2	35 - 50	04/21/11	6.33	20.54
							09/13/11	6.55	20.32
							12/13/11	6.65	20.22
							03/26/12	6.55	20.32
							06/18/12	7.78	19.09
							09/05/12	7.71	19.16
							11/27/12	7.26	19.61
							07/29/13	7.15	19.72
							11/19/13	8.10	18.77
	MW-13UI	30.28	27.63	50.0	2	35 - 50	04/21/11	8.15	19.48
							09/13/11	9.46	18.17
							12/13/11	9.23	18.40
							03/26/12	8.72	18.91
							06/18/12	9.64	17.99
							09/05/12	9.54	18.09
							11/27/12	9.18	18.45
							07/29/13	9.37	18.26
							11/19/13	9.41	18.22
	MW-18UI	30.75	28.10	50.0	2	35 - 50	09/13/11	7.60	20.50
							12/13/12	7.48	20.62
							03/26/12	7.23	20.87
							06/18/12	7.75	20.35
							09/05/12	8.30	19.80
							11/27/12	7.93	20.17
							07/29/13	8.00	20.10
							11/19/13	8.15	19.95
	PZI-1	27.30	26.95	52.5	2	39 - 52.5	04/21/11	8.99	17.96
							09/13/11	9.81	17.14
							12/14/12	9.82	17.13
							03/26/12	9.28	17.67
							06/18/12	9.81	17.14
							09/05/12	10.25	16.70
							11/27/12	9.93	17.02
							07/29/13	9.90	17.05
							11/19/13	9.99	16.96
Lower-Intermediate Zone	MW-14LI	29.44	26.78	72.0	2	52 - 72	04/21/11	5.89	20.89
							09/13/11	6.09	20.69
							12/13/11	6.01	20.77
							03/26/12	5.64	21.14
							06/18/12	6.42	20.36
							09/05/12	6.98	19.80
							11/27/12	6.80	19.98
							04/24/13	6.47	20.31
							11/19/13	8.10	18.68
	MW-15LI	29.88	27.20	72.0	2	52 - 72	04/21/11	7.62	19.58
							12/14/11	7.94	19.26
							03/26/12	7.78	19.42
							06/18/12	8.37	18.83
							09/05/12	8.82	18.38
							11/27/12	8.51	18.69
							07/29/13	8.40	18.80
							11/19/13	8.81	18.39
	MW-16LI	30.46	27.82	72.0	2	52 - 72	04/21/11	6.45	21.37
							09/14/11	6.17	21.65
							12/13/11	6.02	21.80
							03/26/12	5.60	22.22
							06/18/12	6.32	21.50
							09/05/12	6.98	20.84
							11/27/12	6.82	21.00
							07/29/13	6.90	20.92
							11/19/13	7.62	20.20

Table 1 - Monitoring Well Construction Details and Groundwater Elevations
Former Teledyne Semiconductor Spectra Physics Site
Mountain View, California
November 2013

Aquifer Unit	Monitoring Location	Ground Surface Elevation (ft)	TOC Elevation (ft)	Total Depth of Well (ft bgs)	Diameter (inches)	Screen Interval (ft bgs)	Water Level Measurement Date	Depth to Water (ft below TOC)	Groundwater Elevation (ft)
Lower-Intermediate Zone	MW-17LI	30.53	27.86	72.0	2	52 - 72	04/21/11	7.34	20.52
							09/13/11	7.32	20.54
							12/13/11	7.27	20.59
							03/26/12	7.05	20.81
							06/18/12	7.36	20.50
							09/05/12	8.08	19.78
							11/27/12	8.01	19.85
							07/29/13	7.86	20.00
							11/19/13	8.61	19.25
	MW-20LI	31.86	29.22	72.0	2	52 - 72	12/14/11	7.16	22.06
							03/26/12	6.80	22.42
							06/18/12	7.20	22.02
							09/05/12	7.99	21.23
							11/27/12	7.82	21.40
							04/23/13	7.54	21.68
							11/19/13	10.05	19.17

bgs below ground surface
ft feet
NS not surveyed
TOC top of casing

Table 2 – Volatile Organic Compound Data Summary
Former Teledyne Semiconductor Spectra Physics Site
Mountain View, California
November 2013

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
	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
	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		0.5		16.5	0.044	0.29
		09/05/12	12		0.84		13.5		0.16
		11/27/12	11		1.3		12.3		0.04
		07/29/13	4.3		1.5		5.8		0.07
		11/19/13	6.1		1.8		7.9	--	--
	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	3500		56	1,700	5,537.5	1.3	2,300
Shallow Zone	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
	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	13.0	290
		07/30/13	0.57			3.6	280.6	46	300
		11/19/13	570		8.8	390	1,132.8	35	110
	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	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		0.590
	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	0.04	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
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		0.0
		07/31/13	25			560	594.2	0.042	6.9
		11/19/13	4.5			1,300	1,313.0		16

Table 2 – Volatile Organic Compound Data Summary
Former Teledyne Semiconductor Spectra Physics Site
Mountain View, California
November 2013

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)
Upper-Intermediate Zone	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		1.4		25.6	2.0	7.4
		11/19/13	0.68		0.5		27.8	5.1	8.0
	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	181.1		0.25
		09/05/12	23	2.1	53		85.4		0.10
		11/27/12	12	0.89	25		40.5		0.10
		08/02/13	36	0.82	28		67.2	0.073	0.17
		11/19/13	13	0.65	13		28.1	0.053	
	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
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
	MW-15LI	04/19/11		2.1	1,100		1,283.9	--	--
		09/13/11	1,200		12 J	27	1,258.9	0.9	1.4
		12/14/11	320		1.8		325.3	0.06	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	8.1	0.75	4.2
	MW-16LI	04/19/11			4.6		4.6	--	--
		09/14/11	11				11.0	0.2	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		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
	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		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
	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

Note: An empty cell indicates the compound was not detected at that location.
ND - No VOCs detected

Data Qualifiers:
J - Estimated value

Table 3 - Cumulative Groundwater Summary - Indicator Parameters
Former Teledyne Semiconductor Spectra Physics Site
Mountain View, California
November 2013

Aquifer Unit	Monitoring Location	Collection Date	Field Duplicate	*Laboratory Parameters*							*Field Parameters*								
				Total Organic (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-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	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	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
	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	--	--	0.1	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	--	--	--	--	--	--	--	--	--
	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
	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
	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	--	1200	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

Table 3 - Cumulative Groundwater Summary - Indicator Parameters
Former Teledyne Semiconductor Spectra Physics Site
Mountain View, California
November 2013

Aquifer Unit	Monitoring Location	Collection Date	Field Duplicate	*Laboratory Parameters*							*Field Parameters*								
				Total Organic (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-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	--	1700	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	--	1700	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
	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
	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
		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
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
	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	--	--	0.7	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

Table 3 - Cumulative Groundwater Summary - Indicator Parameters
Former Teledyne Semiconductor Spectra Physics Site
Mountain View, California
November 2013

Aquifer Unit	Monitoring Location	Collection Date	Field Duplicate	*Laboratory Parameters*							*Field Parameters*								
				Total Organic (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	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
	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
		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
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	--	--	--	--	--	--	--	--	--
	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	--	--	0.1	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
	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

Table 3 - Cumulative Groundwater Summary - Indicator Parameters
Former Teledyne Semiconductor Spectra Physics Site
Mountain View, California
November 2013

Aquifer Unit	Monitoring Location	Collection Date	Field Duplicate	*Laboratory Parameters*							*Field Parameters*								
				Total Organic (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	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	0.8	--	--	4.4	100	--	0.7	82	-118	7.3	64,600 *	--	18.9	3.0
		06/19/12		8.3	100 U	0.9	--	--	3.3	100	--	1.1	102	-98	7.2	970	--	19.6	10
		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
	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

Data Qualifiers:
U - Not detected above the given limit.
E - Exceeded range of instrument.
* - Suspect value; will be confirmed by retesting

ARCADIS

Appendix D

Quality Assurance/Quality Control
Review of Water-Quality Data

QA/QC Review of Water Quality Data

Water quality analyses were performed by Curtis & Tompkins, Ltd., of Berkeley, California, a state-certified analytical laboratory, using U.S. Environmental Protection Agency (EPA) Method 8260 for 8010 list compounds and EPA Method 8260. Field duplicate groundwater samples were collected from wells E-6, PS6S, S-3, and W-4, and analyzed using EPA Method 8260/8010.

Data precision of analytical results for duplicate samples is assessed by the relative percent difference (RPD) parameter, defined as the absolute value of the difference between two values divided by their arithmetic mean. Upper warning limits (UWL) and upper control limits (UCL) of RPD values, which indicate questionable and unacceptable data quality, respectively, were set in the Quality Assurance Project Plan (LFR 1987) at -2 standard deviations for UWL (20 percent) and -3 standard deviations for UCL (30 percent), except for values close to the reporting limit, where greater variability in analytical results is normally encountered.

RPD values for analyses of duplicate samples indicate acceptable data precision for samples collected in the current semiannual sampling round for the four duplicate samples collected (Table D-1). Results of the laboratory batch spikes, matrix spikes, and matrix spike duplicates, as well as laboratory method spikes and method spike duplicates, were acceptable, with RPD values within laboratory-established limits. Tables D-2 and D-3 are summary tables that provide data typically included in the laboratory reports. Table D-4 presents common reporting limits for groundwater samples.

Table D-1
Quality Control Data for Chemical Analyses:
Data Precision as RPD of Field-Split Duplicate Sample Analyses
and VOCs Detected in Low-Flow Duplicate Samples
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

All concentrations expressed in parts per million (ppm)

Well Number	Date	Notes *	Lab	Type of Analysis	TCE		Cis-1,2-DCE	1,1,1-TCA	1,1-DCE	1,1-DCA	Freon 113	PCE	Vinyl Chloride	Chloroform	Total VOC
E-6	8-Nov-13	(913)	C&T	8260	**0.110**		**0.110**	<0.0008	0.0005J	<0.0008	**0.0048**	**0.0021**	**0.0064**	<0.0008	0.2354
E-6	8-Nov-13	(914)	C&T	8260	**0.120**		**0.110**	<0.0005	0.0007	<0.0005	**0.0053**	**0.0024**	**0.0089**	<0.0005	0.2492
	RPD(%)				8.7		0.0	NA	NA	NA	9.9	13.3	32.7	NA	5.7
W-4	6-Nov-13		C&T	8260	**0.0003**	**J**	**0.0011**	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	0.0014
W-4	6-Nov-13		C&T	8260	**0.0004**	**J**	**0.0011**	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	0.0015
	RPD(%)				28.6		0.0	NA	NA	NA	NA	NA	NA	NA	6.9
S-3	8-Nov-13	(888)	C&T	8260	<0.0017		**0.3300**	<0.0017	<0.0017	<0.0017	<0.0067	<0.0017	**0.0060**	--	0.3433
S-3	8-Nov-13	(889)	C&T	8260	<0.0017		**0.2200**	<0.0017	0.0009J	<0.0017	<0.0067	<0.0017	**0.0068**	--	0.2326
	RPD(%)				NA		40.0	NA	NA	NA	NA	NA	12.5	NA	38.4
PS-6S	11-Nov-13	(903)	C&T	8260	**0.0710**		**0.064**	<0.0005	0.0003J	<0.0005	<0.002	**0.0021**	**0.035**	--	0.1777
PS-6S	11-Nov-13	(904)	C&T	8260	**0.0690**		**0.061**	<0.0005	<0.0005	<0.0005	<0.002	**0.0020**	**0.032**	--	0.1691
	RPD(%)				2.9		4.8	NA	NA	NA	NA	4.9	9.0	NA	5.0

Data entered by SH. Data proofed by AL .

Notes:

C&T = Curtis & Tompkins, Ltd., Berkeley, California
NA = Not available
RPD = Relative Percent Difference, defined as the difference between two values divided by their arithmetic mean, expressed as a percentage.
VOCs = Volatile organic compounds

-- = Sample not analyzed.
* = 888, 889, 903, 904, 913 and 914 correspond to footnotes found in Tables 4 and 5; the footnotes list VOC analytical results that were not reported in Tables 4 and 5.
Bold = Analytical result that was above the laboratory reporting limit.
J = Laboratory estimated concentration
TCE = Trichloroethene
cis-1,2-DCE = cis-1,2-Dichloroethene
1,1,1-TCA = 1,1,1-Trichloroethane
1,2-DCB = 1,2-Dichlorobenzene
1,1-DCE = 1,1-Dichloroethene
1,1-DCA = 1,1-Dichloroethane
PCE = Tetrachloroethene

Table D-2

Summary of Sampling QA/QC		
Site Name:	**Site Address:**	**Monitoring Period Covered:**
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities	**Mountain View, California**	**July 1 through December 31, 2013**

Sampling performed by: Wayne Hung and Allison Fang
Firm name: ARCADIS U.S., Inc.
Firm address: 2000 Powell Street, Emeryville, California 94608
Firm contact: Andrew Leavitt
Firm phone number: (510) 652-4500

Were chain-of-custody forms completed for all samples?	☑ Yes	☐ No
Were field parameters stabilized prior to taking sample?	☑ Yes	☐ No
For VOCs samples, was there zero head space in sample containers?	☑ Yes	☐ No
Were samples preserved according to analytical method?	☑ Yes	☐ No
Were the required field QA/QC samples taken?	☑ Yes	☐ No

For any questions above answered with "No", please provide an explanation:

Table D-3

Summary of Analytical QA/QC		
Site Name:	**Site Address:**	**Monitoring Period Covered:**
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities	**Mountain View, California**	**July 1 through December 31, 2013**

Analysis performed by:
Lab name: Curtis & Tompkins, Ltd.
Lab address: 2323 Fifth Street Berkeley, California
Lab contact: Tracy Babjar
Lab phone number: (510) 486-0900

Analytical method used: (check applicable methods)

- ☐ Total Dissolved Solids by EPA Method _____
- ☐ Bioassay 96-hr % survival by Standard Method_____
- ☐ Turbidity (NTU) by EPA Method _____
- ☐ Dissolved Oxygen (mg/l and % saturation) by Standard Method
- ☐ Hardness (mg/l $CaCO_3$) by EPA Method _____
- ☐ Arsenic by EPA Method _____
- ☐ Cadmium by EPA Method _____
- ☐ Chromium (total) by EPA Method _____
- ☐ Chromium (hexavalent) EPA Method _____
- ☐ Copper by EPA Method _____
- ☐ Lead by EPA Method _____
- ☐ Mercury by EPA Method_____
- ☐ Nickel by EPA Method _____
- ☐ Selenium by EPA Method_____
- ☐ Silver by EPA Method _____
- ☐ Zinc by EPA Method _____
- ☐ Halogenated Volatile Organics by EPA Method 601 or 8010 or 8260
- ☐ Aromatic and Unsaturated Volatile Organics by EPA 602 or 8020 or 8260
- ☑ Volatile Organics by EPA Method 624 or 8240 or 8260
- ☐ Semivolatile Organics by EPA Method 625 or 8270
- ☐ EDB and DBCP by EPA Method 504
- ☐ TPH gasoline by EPA Method 8015 modified
- ☐ TPH diesel by EPA Method 8015 modified
- ☐ Chlorinated Hydrocarbons by EPA Method 8120

Is the lab state-certified for the above analytical method(s)?	☑ Yes	☐ No
Was analysis performed according to standard methods?	☑ Yes	☐ No
Were sample holding times met?	☑ Yes	☐ No
Were reported analytical results values above RLs?	☑ Yes	☐ No
Were QA/QC samples (i.e., blanks, field replicates, spikes, and surrogates) analyzed in accordance and consistent with the analytical method?	☑ Yes	☐ No
Did QA/QC results meet all acceptance criteria? **(see below)**	☑ Yes	☐ No
Are QA/QC results and acceptance criteria on file?	☑ Yes	☐ No

For any questions above answered with "No", please provide an explanation: *

Data entered by AL. QA/QC by WH.

* The explanation should describe any modifications to standard methods and whether approved by Board staff, and describe corrective actions taken in response to any QA/QC results that fall outside acceptance criteria.

Table D-4
Common Reporting Limits for Groundwater Sample Analyses
Former Spectra-Physics Lasers and Former Teledyne Semiconductor Facilities
Mountain View, California

EPA 8010: Halogenated Volatile Organics	CAS #	Reporting Limits
Bromodichloromethane	75-27-4	0.5 µg/l
Bromoform	75-25-2	0.5 µg/l
Bromomethane	74-83-9	2 µg/l
Carbon Tetrachloride	56-23-5	0.5 µg/l
Chlorobenzene	108-90-7	0.5 µg/l
Chloroethane	75-00-3	1 µg/l
Chloroform	67-66-3	0.5 µg/l
Chloromethane	74-87-3	1 µg/l
Dibromochloromethane	124-48-1	0.5 µg/l
1,2-Dichlorobenzene	95-50-1	0.5 µg/l
1,3-Dichlorobenzene	541-73-1	0.5 µg/l
1,4-Dichlorobenzene	106-46-7	0.5 µg/l
Dichlorodifluoromethane (Freon 12)	75-71-8	1 µg/l
1,1-Dichloroethane	75-34-3	0.5 µg/l
1,2-Dichloroethane	107-06-2	0.5 µg/l
1,1-Dichloroethene	75-35-4	0.5 µg/l
cis-1,2-Dichloroethene	156-60-5	0.5 µg/l
trans-1,2-Dichloroethene	156-60-5	0.5 µg/l
1,2-Dichloropropane	78-87-5	0.5 µg/l
cis-1,3-Dichloropropene	10061-01-5	0.5 µg/l
trans-1,3-Dichloropropene	10061-02-6	0.5 µg/l
Methylene Chloride	75-09-2	5 µg/l
1,1,2,2-Tetrachloroethane	79-34-5	0.5 µg/l
Tetrachloroethene	127-18-4	0.5 µg/l
1,1,1-Trichloroethane	71-55-6	0.5 µg/l
1,1,2-Trichloroethane	79-00-5	0.5 µg/l
Trichloroethene	79-01-6	0.5 µg/l
Trichlorofluoromethane	75-69-4	0.5 µg/l
Trichlorotrifluoroethane (Freon 113)	76-13-1	0.5 µg/l
Vinyl Chloride	75-01-4	0.5 µg/l

Note:
µg/l = micrograms per liter