Focused Feasibility Study Work Plan
Signetics Site
Sunnyvale, California

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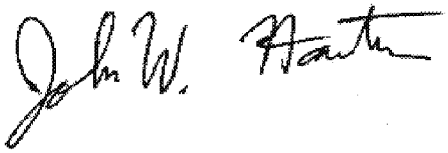

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List of Acronyms and Abbreviations

ACRONYM	DESCRIPTION
1,1,1-TCA	1,1,1-trichloroethane
1,1-DCA	1,1-dichloroethane
1,1-DCE	1,1-dichloroethene
ABC+	Anaerobic Biochem Plus
AMD	Advanced Micro Devices
ARAR	Applicable or Relevant and Appropriate Requirements
ASAOC	Administrative Settlement Agreement and Order on Consent
ATSDR	Agency for Toxic Substances and Disease Registry
BAAQMD	Bay Area Air Quality Management District
bgs	Below ground surface
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980
cis-1,2-DCE	cis-1,2-dichloroethene
COC	Chemical of Concern
CSM	Conceptual Site Model
DCE	Dichloroethene

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DNAPL	Dense Non-Aqueous Phase Liquids
DQO	Data Quality Objectives
DRW	California Department of Water Resources
EAB	Enhanced Anaerobic Bioremediation
ESLs	Environmental Screening Levels
EPA	United States Environmental Protection Agency
EDR	Environmental Data Resources, Inc.
FFS	Focused Feasibility Study
FS	Feasibility Study
FWQC	Federal Water Quality Criteria
GAC	Granular Activated Carbon
GWCTM	Evaluation of Groundwater Containment Technical Memorandum
GWTS	Ground Water Treatment System
HASP	Health and Safety Plan
HLA	Harding, Lawson and Associates
HRC®	Hydrogen Release Compound
HVAC	Heating, Ventilation and Air Conditioning
ITRC	Interstate Technology and Regulatory Council
Locus	Locus Technologies

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MCL	Maximum Contaminant Level
MCLG	Maximum Contaminant Level Goal
MRL	Minimal Risk Levels
NAPL	Non-Aqueous Phase Liquids
NCP	National Contingency Plan
NPL	National Priorities List
O&M	Operations and Maintenance
OEHHA	Environmental Health Hazard Assessment
OOU	Offsite Operable Unit
PCE	tetrachloroethene
Philips	Philips Semiconductors Inc.
QA/QC	Quality Assurance/Quality Control
RAO	Remedial Action Objectives
RCRA	Resource Conservation and Recovery Act
RELs	Reference Exposure Levels
RI	Remedial Investigation
ROD	Record of Decision
RSE	Removal Site Evaluation
RSL	Regional Screening Level

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RWQCB	Regional Water Quality Control Board
SAP	Sampling and Analysis Plan
SCVWD	Santa Clara Valley Water District
Site	Signetics Site
SSDS	Sub-Slab Depressurization System
SSL	Screening Levels in Soil
SVE	Soil Vapor Extraction
TBC	To-Be-Considered
TCE	trichloroethene
TM	Technical Memorandum
trans-1,2-DCE	trans-1,2-dichloroethene
TSWP	Treatability Study Work Plan
USGS	United States Geological Survey
UST	Underground Storage Tank
UV	Ultraviolet Oxidation
VC	vinyl chloride
VI	Vapor Intrusion
VWP	Vapor Work Plan
VOCs	Volatile Organic Compounds

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ZVI	Zero-Valent Iron

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1 Introduction

Locus Technologies (Locus), on behalf of Philips Semiconductors, Inc., submits this Focused Feasibility Study (FFS) Work Plan for the Signetics Site in Sunnyvale, California.

1.1 Purpose

The FFS will determine and evaluate (based on treatability testing and existing literature review) alternatives for feasible remedial actions to prevent, mitigate, or otherwise respond to or remedy impacted media at the Signetics Site (Site), part of the Triple Site in Sunnyvale, California. In accordance with the Administrative Settlement Agreement and Order on Consent (ASAOC) for Focused Feasibility Study and Removal Action, and as required by Section 121 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) 42 U.S.C. § 9621, and the National Oil and Hazardous Substances Pollution Contingency Plan (NCP) 40 C.F.R. § 300.430(e), the purpose of this FFS Work Plan is to identify FFS tasks to be accomplished and, additionally, to present the following preliminary findings in advance of FFS Work Plan implementation:

- Identification, collection, and evaluation of updated Site data
- Identification of data needs and data quality objective after initial data evaluation
- Evaluation of groundwater flow and water quality conditions
- Development of Remedial Action Objectives (RAOs) and Potential Remedial Alternatives for Groundwater
- Procedures for evaluation and development of treatability studies, if deemed necessary

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- Identification of potential Applicable or Relevant and Appropriate Requirements (ARARs)

1.2 Work Plan Objectives

A Remedial Investigation (RI) and Feasibility Study (FS) was first developed for the site in early 1991 [Harding Lawson Associates (HLA) et al., 1991a and 1991b]. Soil vapor and groundwater extraction and treatment systems were subsequently enhanced in accordance with the remedy selected in the 1991 EPA Record of Decision, which was informed by the RI/FS (EPA, 1991). In more recent years, the groundwater extraction and treatment system has continued to operate and an *in situ* bioremediation treatability study was initiated to improve remediation performance. In light of the efforts previously undertaken and those that are currently underway, the following objectives will be met by this FFS Work Plan:

- Update the site background and physical setting
- Provide an initial update to the conceptual site model (CSM)
- Evaluate effectiveness of the current remedy (i.e. Section 3.2)
- Review and preliminarily update, as applicable:
    - ARARs
    - To-Be-Considered (TBC) Criteria
    - Remediation Goals
    - Remedial Action Objectives
    - General Response Actions
    - Potential Remedial Action Alternatives

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1.3 Work Plan Organization

The Work Plan includes site setting and historical activities, investigations, and remedial measures in Section 2. Section 3 entails preliminary evaluations including an updated conceptual site model, evaluation of groundwater flow and water quality (groundwater remediation system effectiveness evaluation), and a review of and preliminary updates to ARARs, TBC criteria, remediation goals, remedial action objectives, general response actions, and remedial action alternatives. At the highest level, the Work Plan is organized as follows:

- Section 2 Site Background and Physical Setting
- Section 3 Preliminary Evaluations
- Section 4 FFS Work Plan Rationale
- Section 5 FFS Tasks
- Section 6 Coordination and Deliverables
- Section 7 References

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2 Site Background and Physical Setting

2.1 Regulatory Background

Philips Semiconductors, Inc. (Philips) is designated as the Responsible Party for the Signetics site under the Comprehensive Environmental Response, Compensation and Liability Act, known also as Superfund. The Site was proposed for inclusion on the National Priorities List in 1984. However, this proposal was rescinded by the U.S. Environmental Protection Agency (EPA) in 1989 because the Site is under Resource Conservation and Recovery Act regulation. The Site is currently subject to RWQCB Order 91-104 (the Order), adopted on 19 June 1991. Signetics, Inc. was named as the discharger in the Order. Signetics, Inc. is now Philips Semiconductors, Inc. In this report, the Site refers to the Signetics Operable Unit mentioned in the Order. In 2014, the lead agency role for the site was transferred from RWQCB to EPA.

The following list represents a more complete enforcement action timeline for the Site. Listed events dated on or before 1991 are from the ROD (EPA, 1991).

- 16 April 1983: Waste Discharge Requirements Adopted
- October 1984: Site proposed for inclusion on the National Priorities List (NPL)
- 18 September 1985: Waste Discharge Requirements Adopted
- 16 December 1987: Site Cleanup Requirements Adopted
- 20 July 1988: Waste Discharge Requirements Adopted approving RI/FS work plan and related tasks

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- April 1989: RWQCB Order #89-058 Revised Site Cleanup Requirements Adopted, approving RI/FS workplan and related tasks
- July 1989: Waste Discharge Requirements Amended
- October 1989: EPA drops proposal to include Signetics on the NPL
- June 1991: RWQCB Order #91-104, Revised site cleanup requirements, approving the RI/FS and proposed plan adopted
- 7 August 2014: lead agency role of the Triple Site is transferred from RWQCB to EPA Region 9.
- 18 February 2015: EPA Region 9 issued an Action Memorandum requesting time-critical Removal Action at the Triple Site to address the VI pathway
- 12 March 2019: ASAOC executed (effective 15 March 2019)

The Site is part of the "Triple Site", which is an environmentally active cleanup site of volatile organic compounds (VOCs) in the groundwater historically associated with three properties previously involved in semiconductor and computer chip manufacturing in the 1960's and 70's. The Triple Site includes the Signetics Site and the following two sites:

- Advanced Micro Devices, Inc. (AMD) 901-902 Thompson Place Superfund Site (AMD 901/902 Site); and
- TRW Microwave Superfund Site (TRW Site) 825 Stewart Drive (now operated by Northrop Grumman Space & Mission Systems Corp.).

Advanced Micro Devices (AMD), Philips Semiconductors (Philips), and Northrop Grumman Space & Mission Systems Corp. are designated as jointly responsible for the operation and monitoring of cleanup activities associated with the down-gradient portion of the comingled groundwater plume, which is collectively referred to as the Offsite Operable Unit (OOU). In

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addition, there is another adjacent cleanup site that is located immediately northeast of the Triple Site at 915 DeGuigne Drive (AMD 915 site).

2.2 Site Setting

The Site is located in Sunnyvale, California (Figure 1). Four contiguous properties comprise the Site: two former semiconductor fabrication and testing facilities located at 811 East Arques Avenue (811 Arques) and 440 North Wolfe Road (440 Wolfe), and two office buildings located at 815 and 830 Stewart Drive (Figure 2). This is an area of low topographic relief in the southern portion of the Santa Clara Valley. Surface drainage in the area is to the north, toward San Francisco Bay. The four properties on the Site are now office space, research and development, and/or commercial low-rise buildings and are no longer owned nor operated by Signetics. The Site is approximately 20 acres.

2.2.1 Adjacent Land Use

The Site is an area of Santa Clara County with mixed-use development including commercial, light industrial, multi-family residential, and school buildings, as well as park land and a City of Sunnyvale fire station. Most buildings are low-rise.

The area immediately north of the Site is the former Sunnyvale High School property owned by the Fremont Union High School District and currently occupied by private schools and daycare operations. The school property includes several playing fields. The area immediately east and south of the Site entails commercial and light industrial, mostly low-rise buildings including office space and research and development facilities (rather than manufacturing).

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The area immediately west of the Site mostly entails multi-family residential buildings and park land.

2.2.2 Historical Land Use

As summarized in the 1991 Record of Decision (ROD), *land use in Santa Clara County, until the late* [19]*60s, was agricultural, predominantly commercial fruit orchards. Development of light industrial manufacturing facilities began in the late* [19]*50s. ...Development accelerated through the* [19]*70s. ...All of the industrial facilities* [on and adjacent to the Site] *had previously been used for agriculture and all were designed and built as electronics manufacturing plants. While manufacturing processes have varied among the facilities and through time, the manufacturing processes at these sites have involved the use of solvents, caustics, metals, and acids.* (EPA, 1991)

Therefore, at the time that Signetics owned and operated the former 811 East Arques Avenue facility, the Site was in an area of Santa Clara County developed as an industrial park. The major business activity of the area was semiconductor manufacture and research and development, including the area immediately north of the site (the former Sunnyvale High School property), which was also being used as an electronics research and development facility at that time. However, the area immediately west of the Site was at that time (and still is) mostly residential and park land.

2.2.3 Regional Geology

The Site is located in a structural depression between the Santa Cruz Mountains to the south and the Diablo Range to the north on terrain that gently slopes to the north-northeast.

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The area is underlain by a sequence of Plio-Pleistocene and Upper Quaternary unconsolidated sediments up to 1,500 feet thick (Iwamura, 1980).

The sediments underlying the Site were shed from the Santa Cruz Mountains and deposited in alluvial, estuarine, and sublittoral environments. Deposition of sediments was largely controlled by variations in sea level during successive ice ages. In times of low sea level, the study area would have collected coarser-grained alluvial deposits. The depositional environment during these periods likely included meandering stream systems and the outer portions of alluvial fans. In times of high sea level, the depositional environment was similar to the present-day San Francisco Bay. Located in a sheltered bay, the low-energy water allowed the settling of finer-grained material out of suspension.

The change of depositional environments occurred gradually enough that significant intergrading of coarse-grained sediments by fine-grained sediments occurred during encroaching shoreline episodes. Conversely, significant erosion of unconsolidated fine-grained sediments likely occurred during receding shoreline episodes. This depositional history resulted in a complex sedimentary sequence.

2.2.4 Site Hydrogeology

The aquifer system at the site has been described in detail in the Remedial Investigation Report (HLA et al., 1991a). The subsurface has been divided into the "A" and "B" aquifer zones. The aquifers occur at the approximate depths listed in the following table.

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Aquifer	Depth in Feet Below Ground Surface (bgs)
A	0 - 30
B1	30 - 50
B2	50 - 70
B3	70 - 90
B4	90 - 110

(Einarson, Fowler & Watson, 1999)

Previous investigations have revealed that the aquifers at the site have varying thicknesses and are frequently discontinuous. At some locations, more than one water-bearing unit may be present within an aquifer. There are also localized areas where aquifers coalesce. The "A" and "B4" aquifers are generally more laterally continuous at the site than the other aquifers (EMCON, 1996). Regional groundwater flow in the "A" and "B" aquifers is generally northward at the site. However, operating extraction wells, trenches, and sumps cause the groundwater flow direction to differ from this in the vicinity of the site. "A" aquifer groundwater elevation contours for the October 2018 monitoring event are shown in Figures 3 through 7. Refer to Appendix A for a table of historical groundwater elevations.

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2.2.5 Water Use

Prior to the conversion of agricultural land to industrial use in the late 1960s and early 1970s, groundwater in the Santa Clara Valley was used as irrigation supply and for other agricultural purposes. The ROD indicates that no supply wells completed in the "A" and "B" Aquifers have been identified and that all water supply wells located within an approximate one mile radius of the Site are perforated from 190 to 390 feet below ground surface, which is well below the "B4" aquifer (EPA, 1991).

On 11 September 2019, an updated search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR) at Locus' request in order to identify any changes in the use of water supply wells in the vicinity of the Site. EDR searched in five databases for water supply wells located within a one mile radius from the Site: USGS National Water Inventory System, EPA Safe Drinking Water Information System, EPA Federal Reporting Data System, California Department of Water Resources (DWR) Water Well Database, and the California Department of Public Health Drinking Water Quality Database. Three water wells were identified, all of which are located between 0.5 and 1 mile upstream from the Site. Therefore, there is no indication that the Site is currently affecting the water supply.

Santa Clara Valley Water District (SCVWD) does not serve groundwater directly to consumers. Drinking water in the vicinity of the Site and the downgradient plume comes from the Hetch Hetchy Reservoir in the Sierra Nevada Mountains. Drinking water for private wells are supplied from exclusively deeper aquifers per District Well Standards incorporated by reference in SCVWD Ordinance 90-1 (SCVWD, 2016).

Additionally, in 1992, a deed restriction was established for the 811 Arques property in light of groundwater conditions at the property. The deed restriction and its provisions are

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set to run with the land and are imposed on all current and future owners and lessees of the property. The deed restriction explicitly prevents the use of shallow groundwater at the Site for drinking water. Installation, removal, or operation of groundwater wells is also restricted except as needed for investigation or remediation of the site. Additionally, a covenant that runs with land at 440 Wolfe was established upon the sale of that property in 2005, which restricts the use of the property *solely for office or industrial use* and specifically prohibits *residential use, daycare use, hospital use, school use, or any other use which has a higher standard of remediation than the standard for remediation for industrial use*.

2.2.6 Surface and Subsurface Structures

At the time of the 1991 ROD, surface structures at the Site entailed Signetics buildings at 811 Arques, 440 Wolfe, 830 Stewart and 815 Stewart. The 811 Arques building had been used by Signetics for semiconductor fabrication and associated activities. The 811 Arques surface structures also entailed above-ground storage tanks and containers for chemical support, deionized water production, and facility maintenance operations. The 440 Wolfe building had been used by Signetics for limited fabrication and research and development and then offices. A subsurface utility tunnel connects the 811 Arques and 440 Wolfe properties, running underneath Stewart Drive. This tunnel was formerly used for utilities running between the two facilities, and is currently only used for groundwater conveyance piping from the extraction systems located on the 811 Arques property to the treatment system located at 813 Stewart Drive. The 815 and 830 Stewart buildings had been used by Signetics for offices only. Signetics no longer owns nor operates any of these properties. Additionally, in 2005, any remaining surface structures at 811 Arques were demolished and replaced with a commercial building.

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At the time of the 1991 ROD, the Signetics facilities included the following subsurface structures: four underground diesel fuel tanks on the west side of the 440 Wolfe building and one on the east side of the 811 Arques building, two waste solvent tanks on the west side of the 811 building (installed in 1984) near an underground waste water treatment operation, two waste water equalization tanks at the northeast corner of the former 811 Arques building, and two waste water neutralization tanks at the northeast corner of the 440 Wolfe facility. Notably, upon solvent leak discoveries on the west side of the 811 Arques building, a subsurface waste solvent tank was removed in February 1982 and two subsurface wastewater neutralization tanks were removed in 1987. By the time of the 1991 ROD, all storage and treatment structures were improved by either relocation above ground or double containment (EPA, 1991). All above ground structures using or storing chemicals of concern or diesel have been removed as of the present day. Additionally, no subsurface structures that formerly used or stored chemicals of concern or diesel are known to remain on the 811 Arques property due to the 2005 commercial development on that property.

2.2.7 Ecology

No natural surface streams nor other natural ecological habitats are present at the Site. There are no wetlands nor critical habitat at the Site. The Santa Clara Valley Water District maintains the Sunnyvale East Drainage Channel, which is located west of the Site.

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2.3 Site History

2.3.1 Site Activities

Conversion of the land from agricultural to industrial use began in the late 1950's, accelerating in the 1960's and 1970's (EPA, 1991). Signetics operated a semiconductor manufacturing facility at 811 Arques beginning in 1964. Manufacturing processes used various organic solvents, acids, corrosives, and metals. Initial investigation at the Site began in February 1982 with the detection of a leak in an underground waste solvent storage tank. Ultimately, the waste solvent tank area was identified as the source area, which was immediately west of the former 811 Arques building. By the time of the 1991 ROD, all storage and treatment structures were improved by either relocation above ground or double containment (EPA, 1991). Historically, hazardous materials from other nearby Signetics facilities were also stored at the former 811 Arques site.

At 440 Wolfe Rd, Signetics conducted limited fabrication and research and development on the first-floor of the building beginning in 1984, then later used the building exclusively for office space. Signetics used 815 and 830 Stewart for office space only. As of 2005, Signetics no longer owns nor operates any of the four properties on the Site. Furthermore, TCE has not been used at the Site since 1978 (EMCON, 1988b).

2.3.2 Adjacent Site Activities

All three properties that entail the "Triple Site" and additionally the AMD 915 Site (refer to Section 2.1) were involved in semiconductor and computer chip manufacturing in the 1960's and 70's. The adjacent Mohawk Laboratories Site (located at 932 Kifer Road) was used for

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aboveground chemical storage from the mid-1950's until 1988 (The Source Group, 2008). TCE has not been used at the Triple Site as a whole since 1979 (EMCON, 1988b). Additional historical details regarding the adjacent cleanup sites can be found in Sections 2.3.4 through 2.3.8.

2.3.3 Previous Investigations and Remedial Measures to Date

Investigation and remedial activities have been ongoing at the Signetics Site since 1982. Historical investigation and remedial activities at the Site are summarized in the sections below.

2.3.3.1 Source Investigations

Initial investigations at the Signetics Site began in February 1982 with the identification of a leak in an underground waste solvent storage tank at the 811 East Arques Avenue property. The presence of impacted soil was observed during tank removal activities. Additional investigations at this location and the other three Philips facilities (located at 440 North Wolfe Road, 815 and 830 East Stewart Drive) were then conducted. The waste solvent storage tank and a wastewater neutralization tank area (both located west of the former 811 East Arques Avenue building) were ultimately identified as the VOC source area, including TCE, DCE, and Freon 113. A thorough summary of the source investigations from February 1982 through June 1987, including soil excavation activities, can be found in the 1988 EMCON report *Historical Summary of Soil Investigations, Main-Campus Facility, Sunnyvale, California,* prepared for Signetics Corporation (EMCON, 1988a). Figure 8 shows the layout of the former source area and the extents of soil excavation.

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Notably, the area immediately north of the former 811 Arques building was investigated as a potential source area in 1986, in the vicinity of two former wastewater treatment tanks that had been contained in a concrete vault, all of which had been removed in June 1984. In January 1987, TCE in soils was detected at up to 19 mg/kg in the vadose zone (12 feet below ground surface) (EMCON, 1988a). Figure 9 illustrates the 1987 soil TCE detections in the subject area as well as the location of the two former wastewater treatment tanks. The investigation concluded that based on the depths and concentrations of the impacted soil, there had been no surface spill nor was there a near-surface source. Soil impacts in the vicinity were determined to have originated from the originally-identified source area, that is, the upgradient waste solvent leakage on the west side of the former 811 Arques building (EMCON, 1988a; Dames & Moore, 1996). Specifically, the 1991 Final Feasibility Study concluded that *North of the* [former] *811 Arques building, low concentrations of VOCs in vadose zone soil were attributed to (1) partitioning of VOCs from the groundwater into the vadose zone as the VOCs in the groundwater attempted to established equilibrium between the vadose zone and the groundwater and (2) exposure of soils that had previously adsorbed VOCs from the groundwater as the A-aquifer groundwater levels receded*, as summarized by Dames & Moore (Dames & Moore, 1996). From 1988 through mid-1996 this area was treated via soil vapor extraction (Dames & Moore, 1996; refer also to Section 2.3.3.3). However, the soil in the area was not re-sampled subsequent to that treatment. Notably, the area immediately north of the former 811 Arques building is the location of highest VOC concentrations currently observed in groundwater, as shown in 2018 "A" Aquifer contour mapping in Figure 14.

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Additionally, source investigations associated with the waste water neutralization tanks located at the northeast corner of the 440 Wolfe building resulted in no evidence of releases of hazardous liquids (HLA et al., 1991a).

Since 1982 groundwater investigation has taken place including the installation of piezometers, monitoring wells, and extraction wells to determine site hydrogeologic characteristics, nature and extent of groundwater impact, and for pump-and-treat remedial action. A detailed chronology of groundwater investigation activities through 1990 is presented in Section 3.2.3 of the Final Remedial Investigation (HLA et al., 1991a). Currently, remedial actions are in place to address the VOC impacted groundwater throughout the Site (refer to Sections 2.3.3.7 and 2.3.3.8).

2.3.3.2 Source Removal and Soil Excavation

The waste solvent storage tank and wastewater neutralization tanks (both located west of the former 811 East Arques Avenue building) were removed in 1982 and 1987; VOCs in surrounding soils were remediated through excavation and removal to concentrations at or below 1 mg/kg TCE (EMCON, 1988a). The extents of soil excavation and the location of the former source area are shown in Figure 8. In accordance with the 1996 *Five-Year Status Report and Remedial Effectiveness Evaluation, these activities were considered final remedial measures because the impacted vadose zone soil was permanently removed from the site and disposed of at a permitted disposal facility* (Dames & Moore, 1996).

The soil immediately north of the former 811 Arques building soil was not excavated with the exception of the limited area immediately surrounding the two former wastewater

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treatment tanks at the time that they were removed in 1984. However, this area was treated through soil vapor extraction (see Section 2.3.3.3).

2.3.3.3 Soil Vapor Extraction

In 1988 a soil vapor extraction (SVE) system was installed immediately north of the former 811 Arques building (refer to Figure 10 for the soil vapor extraction well locations as of 1996). The system design went through a series of pilot and expansion implementations. As summarized by Dames & Moore (1996): *An initial pilot system consisting of three groundwater monitoring wells (S085A, S086A, and S091A,* [Figure 10]*) and one vapor extraction well (VEW-1) was operated between October 1988 and November 1989. The system was modified in December 1990 by the addition of three vapor extraction wells (VEW-2, VEW-3, and VEW-4) and deletion of well S091A due to high moisture content in the soil vapor. In September 1992, the system was again expanded. Nine dual-media (soil-vapor and groundwater) extraction wells (S-137A through S-140A, and S142A through S146A) were added to the system to facilitate dewatering of the A aquifer between 15 and 25 feet bgs and subsequent removal of VOCs from this zone by vapor extraction. The intent was to reduce migration from the source area... The 15 final wells were manifolded to a single 400 cubic feet per minute (cfm) blower for vapor extraction.* Extracted VOC vapors were treated using granular activated carbon (GAC) units prior to BAAQMD-permitted discharge to atmosphere. The system was shut down in February 1996 due to sharply dropping VOC mass recovery rates. A series of SVE system operational controls were tested in July 1996 to determine if VOC mass recovery could be improved, but these tests did not show significant site remediation benefits, and the SVE system was not operated at the site after July 1996. SVE System flow rate and VOC concentrations can be found in the 1996 *Five Year Status Report and Remedial Effectiveness*

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Evaluation by Dames & Moore. A total of approximately 800 pounds of TCE are estimated to have been removed by SVE (Dames & Moore, 1996). However, the soil in the area was not re-sampled subsequent to that treatment.

2.3.3.4 Additional Soil and Soil Gas Investigations

Subsequent to source investigations, tank removals, soil excavations, and SVE, two additional soil investigations have been undertaken for evaluating potential VOC impacts to soil. A 1996 investigation by EMCON described in the *Subsurface Investigation Report* entailed soil samples covering the area north of Stewart Drive with some locations immediately south of Stewart Drive (EMCON, 1996). A 2004 investigation by Locus described in the *Soil-Gas and Soil Investigation* report entailed a soil gas survey and subsequent confirmation soil sampling at most locations having the highest soil gas observations (Locus, 2004). The 2004 investigation entailed the area surrounding the former 811 Arques building, surveying and sampling areas that had not previously been investigated. The key findings of these investigations are highlighted in applicable portions of Section 3.

2.3.3.5 Risk Assessments

A baseline public health evaluation (BPHE) was conducted for the Triple Site in 1990 and is described in the 1991 Feasibility Study (HLA et al., 1991b). The 1991 ROD provides a high-level overview of site risks based on the BPHE and concludes that remediation is warranted because of health risks posed by impacted groundwater (EPA, 1991). The following two paragraphs provide a brief overview of the conclusions of the BPHE as documented in the 1991 ROD. Additional details regarding the development, assumptions, and uses of the BPHE then follow.

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The toxicity assessment ultimately resulted in identification of the eight Chemicals of Concern (COCs) for the Site (refer to Section 3.1.2). Potential COCs identified by the BPHE were further refined through additional data evaluation conducted as a part of the 1991 Feasibility Study.

The risk characterization conducted as a part of the BPHE entailed identification of hypothetical future and potential current exposure scenarios and then potential future and current exposure routes for those scenarios. Based on the BPHE risk assessment, the only average exposure scenario (typical exposure that may be expected at a site under current or future scenario) for which there would be a potential health risk or an increased cancer risk greater than 1 in 10,000 was the hypothetical future domestic use of impacted shallow groundwater, which resulted in a potential carcinogenic risk of approximately 2 in 1,000 (EPA, 1991). Note that the assumption in the scenario was that cleanup activity in the study area would cease immediately and, therefore, that 1989 "A" Aquifer concentrations would persist into the future and become the source for domestic water use. As the 1991 ROD notes, *domestic use is a hypothetical case since shallow groundwater in the A- and B-aquifers is not currently used for water-supply purposes and local ordinances prohibit such practice. Currently, there are no plans to use the A- and B-aquifer groundwater as drinking water supply* (EPA, 1991). Under the average vapor intrusion exposure scenario, the carcinogenic risk was found to be within the risk range that would be allowable under EPA guidance after cleanup (4 in 100,000,000 for school children and about 1 in 10,000 for residents) (EPA, 1991).

The BPHE evaluated site analytical data from 1988 through 1989 from environmental media and combined those data with information on the migration potential of the relevant

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chemicals in environmental media, current and potential future site activities, and standard exposure assumptions to estimate potential exposures. Toxicity information was additionally considered to determine the potential risk to human health. Per RWQCB and EPA instruction at the time, the BPHE assumed that no further remedial action would occur after 1989 and that the environmental media concentrations would remain constant over a 75-year period of exposure. Ultimately, the BPHE helped inform the development of the Chemicals of Concern (COCs) and, ultimately, the target cleanup goals.

The BPHE evaluated the following exposure scenarios (HLA et al., 1991b):

- Current use scenario: *Inhalation by offsite residents of VOCs migrating from shallow groundwater through soils into homes.*
- Current use scenario: *Inhalation by young children of VOCs migrating from shallow groundwater through soils into school buildings.*
- Potential future use scenario: *Ingestion and inhalation of contaminants in groundwater if the A-aquifer was used as a domestic water supply by hypothetical future users of onsite groundwater.*
- Potential future use scenario: *Ingestion and inhalation of contaminants in groundwater if the B-aquifer was used as a domestic water supply by hypothetical future users of onsite groundwater.*
- Potential future use scenario: *Inhalation of organic chemicals volatilizing from shallow groundwater through soils into homes by hypothetical future residents of the ... study area* [the Triple Site plus a portion of the AMD 915 site].

For a quantitative summary of the potential risks to human health per the BPHE, refer to Table 1. The BPHE concluded that approximately 98 percent of the risk from exposure to

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impacted groundwater was found to be due to potential future ingestion and inhalation exposure through the (hypothetical) use of "A" Aquifer or "B" Aquifer as a domestic water supply. The other 2 percent of the risk was found to be from vapor intrusion, *volatilization of chemicals from shallow groundwater with subsequent transport through the soil to the ambient air* (HLA et al., 1991b). Therefore, groundwater target cleanup goals were developed based on the domestic use groundwater exposure scenarios (ingestion and inhalation exposure).

As a part of the 1991 Final Feasibility Study, the target cleanup goals were then used in a groundwater volatilization model to evaluate potential exposures once the target cleanup goals are achieved. The assessment of cleanup goals used the average case exposure conditions developed in the BPHE and nonzero maximum contaminant level goals (MCLGs) or maximum contaminant levels (MCLs) for the potentially carcinogenic COCs. Additionally, the risk from vapor intrusion was evaluated using a conceptual exposure model. Ultimately, the results of these two models were used to compare to the BPHE results. For the Signetics site, the carcinogenic risks and noncarcinogenic health effects identified for target cleanup goals:

- For the excess carcinogenic risks and noncarcinogenic health effects for the domestic use of groundwater, *the use of MCLs as target cleanup concentrations provides conservative groundwater cleanup goals for the site... results in a low probability for adverse health effects...* and is at a *risk level acceptable under CERCLA guidance.* Refer to Table B2.3-1 and Table B2.3-2, respectively, from the 1991 Final Feasibility Study (HLA et al, 1991b).
- For the excess carcinogenic risks and noncarcinogenic adverse health effects from inhalation of volatile COCs from VI for hypothetical future onsite residents, *the*

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estimation of noncarcinogenic health effects and carcinogenic risks do not indicate a threat to human health. Refer to Table B2.3-3 and Table B2.3-4, respectively, from the 1991 Final Feasibility Study (HLA et al, 1991b).

2.3.3.6 Groundwater Monitoring Programs

An extensive groundwater sampling program established in 1982 has produced a vast database defining the extent of the impacted groundwater. The groundwater system consists of five separate aquifers, identified as the "A", "B1", "B2", "B3", and "B4" aquifers. Groundwater monitoring is conducted annually in all five aquifers to verify the vertical extent of the plume. COC have been detected in the upper four aquifers but have not impacted the deeper aquifers that are used for public water supply. Tables and figures summarizing the groundwater sampling data are included in the 2018 Annual Groundwater Monitoring Report for the Site (Locus, 2019a). Included in this FFS Workplan are the following: Figures 3 through 7 show 2018 groundwater elevation contours, Appendix A shows historical groundwater elevations, Figures 14 through 17 show 2018 TCE analytical groundwater contours, and Appendix B shows historical groundwater analytical data.

Groundwater elevations are currently measured annually in 111 monitoring and extraction wells at the site. The annual groundwater elevation measurements are coordinated with the surrounding sites (AMD 915 site, AMD 901/902 site, TRW site, and the OOU) so that water elevation contours can be generated for the entire area. For each measurement event, the water levels at the Site are measured on the same day as at the AMD 915 site, AMD 901/902 site, and TRW sites, and on the day before water levels are measured at the OOU.

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Groundwater monitoring wells are sampled annually and extraction wells are sampled semi-annually at the Signetics site. The wells are distributed to provide well-defined plume boundaries in the "A", "B1", "B2", "B3", and "B4" aquifers. All samples are analyzed using EPA Methods 8010 and 8020. Annually, the groundwater sampling is also coordinated with the surrounding sites (AMD 915 site, AMD 901/902 site, TRW site, and the OOU) to provide a comprehensive regional data set for the area.

2.3.3.7 Groundwater Extraction and Treatment

A total of 22 groundwater extraction wells are currently operating at the Site. The wells are grouped in two areas at 811 East Arques Avenue and 815 Stewart Drive. At 811 East Arques Avenue, there are nine "A" aquifer extraction wells and one "B1" aquifer extraction well. The "A" aquifer extraction wells in this area were used as dual-phase groundwater and soil vapor extraction wells when the SVE system was in operation. These wells were installed to improve the efficiency of the SVE system and also to extract groundwater in the immediate vicinity of the source area. This portion of the groundwater extraction system began pumping in 1992. The extraction wells located at 815 Stewart Drive are divided into two subsystems: one includes three "A" aquifer wells, and the other includes nine "B" aquifer wells. The "A" aquifer wells were installed in 1986 to prevent down-gradient migration through the high-permeability zone observed in this area. Two "B1" aquifer wells and one "B2" aquifer well were installed at 815 Stewart Drive in 1987. In 1992, three additional "B1" aquifer wells were installed to prevent downgradient migration. The system was again expanded in 1997 with the addition of well S154B1 in the "B1" aquifer (Einarson, Fowler & Watson, 1997). A "B2" extraction well and a "B3" aquifer extraction well were added in October 1999 (Locus, 2000b).

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Two groundwater extraction trenches have also been installed at the Signetics site. The extraction trench at 440 North Wolfe Road (440T) is located along the northern site boundary and is intended to prevent migration of the "A" aquifer plume beyond the site boundary. This trench is 250 feet long and its depth ranges from 22 feet at the west end to 24 feet deep at the east end. Extraction from this trench began in 1985. The pumping rate from this trench is dependent on the groundwater elevation. In 2018, it averaged 2.1 gallons per minute (gpm).

The second groundwater extraction trench (811T) is located north of the former 811 East Arques Avenue building. Along with the "A" aquifer extraction wells in this area, this trench is intended to extract shallow groundwater near the source area. This trench is 80 feet long and its depth ranges from 14 feet at the east end to 15 feet at the west end. This trench averaged 0.7 gpm while it was operating, but has been shut down since 2016 to accommodate the bioremediation treatability study.

Basement dewatering sumps have operated at three locations at the Signetics site. These sumps are not designed or intended to be used for groundwater treatment; they were installed for basement dewatering. However, these sumps have extracted groundwater from the area, which was also processed through the treatment system. The only sump currently operating at the site is located in the 440 North Wolfe Road building (440S). A sump located in the former 811 East Arques Avenue building (811NS) also extracted groundwater until the building was demolished in 2005. A third sump operated at the former wastewater neutralization system building west of the 811 East Arques Avenue building. This sump, 811WS, was sealed in September 2000. These sumps were constructed with a gravel layer and

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drain network beneath the building. The purpose of these sumps is to prevent groundwater seepage into the basements and to reduce hydrostatic pressure on the basement walls.

Until 23 July 2007, groundwater from all of the extraction points was treated at a system located at the northwest corner of the building at 440 North Wolfe Road. This treatment system was shut down during property redevelopment, and a new treatment system was constructed in the parking lot between the buildings located at 440 North Wolfe Road and 815 Stewart Drive. The replacement system began operation on 8 October 2008. All extracted groundwater is currently treated at the new system (813 Stewart Drive).

In the original treatment system that operated until 2007, the influent groundwater was first treated with an ozone oxidation system that used hydrogen peroxide as a catalyst for ozone conversion to hydroxyl radicals. The hydroxyl radicals broke down organics such as chlorinated hydrocarbons into water and carbon dioxide. Since the ozone needed to be supersaturated in water to provide effective chemical destruction, an ozone destruction unit was installed at the system to remove ozone from the off-gas. This system effectively destroyed the majority of the VOCs in the influent groundwater (Locus, 2000a). After the ozone oxidation system in the original treatment system, the groundwater passed through two parallel air stripping towers, and up to six 3,000-pound vessels of granular activated carbon (GAC) in series.

The current groundwater treatment system uses an ultraviolet (UV) oxidation system as the primary treatment method. This technology has proven very effective in removing volatile organic compounds such as TCE and DCE, and the designed system is sized to remove 100% of the influent concentrations of those compounds. The UV system is also partially effective for Freon 113. A secondary treatment process of air stripping follows the UV system. As in

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the previous system, the exhaust from the air stripper, which contains VOC concentrations below the BAAQMD limits, is vented to the atmosphere. The UV and air stripping combined are designed to remove all chemicals of concern from the groundwater with an appropriate safety margin. After these two processes, the treated effluent is discharged to the Sunnyvale East Channel in accordance with NPDES Permit No. CAG912002, Order No. R2-2017-0048 as modified by Order No. R2-2018-0050. This discharge location was used for the former and current treatment systems.

2.3.3.8 Enhanced *In Situ* Bioremediation

In an effort to better address the remaining dissolved phase source area, an in situ bioremediation treatability study was initiated at the Site in 2016. In situ bioremediation refers to a process where naturally occurring microbes present in the subsurface are stimulated with nutrients to break down VOCs in groundwater. Biodegradable enhancement products may be introduced that will develop an anaerobic environment, which promotes the microbes to reduce certain VOCs to harmless byproducts. The EPA approved the Treatability Study Work Plan for Bioremediation dated 18 October 2016.

Injections of these bioremediation products occurred on 14-17 November 2016, and baseline and monthly post-injection groundwater data was collected, through November 2017, to evaluate the potential for long-term implementation of the bioremediation enhancement program. A Performance Evaluation Report (Locus, 2018b), detailed the results from this treatability study and concluded that an anaerobic or reducing environment can be established and maintained with the injection of bioremediation products and that bio-chemical reduction of VOCs can be achieved and quantified. Upon EPA approval of the Phase

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II Treatability Study Work Plan, an expansion of the study is expected to be implemented (Locus, 2019c).

2.3.3.9 Vapor Intrusion

The current vapor intrusion activities at the site are detailed in the draft Vapor Work Plan (VWP) (Locus, 2019b). The Vapor Work Plan summarizes all historical investigation and mitigation activities completed at the site, and outlines procedures to address groundwater-to-indoor air VI concerns within four commercial buildings within the Signetics Site, including coordination with EPA and building tenants, building surveying, sampling procedures, and reporting.

As described in the VWP, previous vapor intrusion investigations were conducted at the Signetics Site in 2002 and 2018. Under direction from RWQCB, the 2002 investigations included indoor air sampling and flux chamber measurements at the 440 North Wolfe Road and former 811 East Arques Avenue buildings. After those investigations were completed in 2003, RWQCB concluded that no further investigation or mitigation was needed to address vapor intrusion at the Signetics Site.

In May 2018, Locus conducted building walk-throughs at two commercial buildings, 440 Wolfe and 815 Stewart. The purpose of the walk-throughs was to conduct building surveys and consider potential mitigation options. Preemptive mitigation options were also discussed with the property owners, and both expressed an interest in proceeding. At 440 Wolfe, sealing of the basement slab was completed, and air purification system was installed to address air quality in one isolated room where the basement slab was inaccessible. At 815 Stewart, a sub-slab depressurization system (SSDS) was installed, including eight suction points and five

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vent stacks. Post-mitigation samples from both of these buildings have shown that indoor air concentrations remain below site-specific action limits. Additional information on the Signetics Site vapor intrusion investigations and both mitigation systems are included in the VWP.

After additional data are collected and evaluated as described in the VWP, an evaluation report of site conditions will be submitted to the EPA. Recommendations for additional phases of sampling will be considered, as needed.

2.3.4 AMD 901/902 Site

At the adjacent AMD 901/902 Site (901-902 Thompson Place), AMD designed and fabricated semiconductor devices at the Site between 1969 and 1992 (Engineering Science, 1992). Chemicals historically used by AMD for semiconductor fabrication at the Site included solvents and corrosives. The primary on-site source of TCE impacts to groundwater and soil beneath the Site appears to have been wastewater leaks containing VOCs from cracks in the ANS tanks that developed over time (Engineering Science, 1988).

Two acid neutralization system (ANS) tanks were removed from the AMD 901/902 Site between 1983 and 1984 and replaced by two sets of three underground storage tanks and associated vaulted containment systems (Arcadis, 2001). A groundwater extraction and treatment system began operating at the AMD 901/902 Site in 1983 and continued through 2002, when it was discontinued with RWQCB approval to allow for a pilot test for in situ bioremediation (ISB). Based on the success of the pilot test, a full-scale ISB program was initiated in 2005 with RWQCB approval. Background information for the ISB program was previously described in the *In Situ Bioremediation Program Implementation Report*

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(Geomatrix, 2006), including the program history and implementation, hydrogeologic conditions, and chemical distribution at the Site.

The ISB system was designed to increase the organic carbon content of the groundwater system, thereby enhancing the anaerobic microbiological activity and promoting in-situ biotransformation of COCs to environmentally benign end-products (primarily chloride, ethane, and ethane). Substrate delivery is performed by introducing a dissolved organic substrate (a nutrient-enriched 30 percent potassium lactate solution and a 60 percent sodium lactate solution were used in 2018; molasses and an emulsified vegetable oil solution were previously used) to the subsurface and distributed by a network of groundwater circulation wells. Groundwater pumped from the extraction wells in the former source area is treated with granular activated carbon (GAC) to remove COCs before the groundwater is reinjected into the subsurface. The addition of substrate to groundwater containing TCE and cis-DCE has proven to be an effective in situ remedial strategy at the AMD 901/902 Site, as demonstrated in the pilot test conducted from 2002 to 2004 (Geomatrix, 2004) and in the full-scale ISB system.

Groundwater monitoring is performed to evaluate the overall cleanup status at the Site. Site monitoring wells located in the ISB groundwater treatment zone are monitored on a quarterly basis to assess the performance of the ISB program. The analytical results of each monitoring event provide a basis for determining whether active ISB should resume. The focus of the ISB program in 2018 was to treat COCs remaining in the ISB area and continue performance monitoring of the ISB system on a quarterly basis as natural attenuation processes continue to degrade COCs (Haley & Aldrich, 2019a).

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2.3.5 TRW Site

At the TRW Site (825 Stewart Drive), remedial efforts began in 1983 with the removal of an underground storage tank (UST) and excavation of affected soil in the immediate area. In 1984, TRW excavated an additional 120 cubic yards of soil. A comprehensive soil investigation was conducted in 1988 to delineate the extent of affected area of the former UST. In 1985, TRW implemented a groundwater extraction and treatment system. The system operated through 2001. In 1993, TRW installed a soil vapor extraction (SVE) system at the site. Following Water Board approval, the SVE system was shut down in 1996, as the cleanup goal for soil had been met.

TRW implemented enhanced anaerobic biodegradation (EAB) treatment at the site in October 2000 to address the affected groundwater at the former UST location. Approximately 1,190 pounds of slow-releasing Hydrogen Release Compound (HRC®) and 1,190 pounds of fast-releasing HRC® were injected into 29 locations at the Site. Both HRC® products were injected into the aquifer to provide a rapid reduction in competing electron acceptors and to create a gradual release of lactate to provide a sustained carbon source for continued dechlorination of VOCs. Since the EAB treatment began, the rate of TCE degradation has dramatically increased in all wells within the application area. TCE has been reduced by 99% within the source area, such that TCE levels within the source area are now lower than in up-gradient site boundary wells. Based on the success of the EAB treatment and the high rate of natural attenuation occurring at the site, the Water Board approved complete shutdown of the groundwater extraction and treatment system in late 2001. Based on the initial EAB success, the EAB treatment area was expanded in 2005 to include additional site groundwater down-gradient of the former source area. EHC® (a proprietary in situ chemical reduction reagent),

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zero valent iron (ZVI), and Anaerobic Biochem Plus (ABC+) were injected to create a biobarrier that stimulated more than 90% reductions in VOC concentrations (AECOM, 2012). The effectiveness of the EAB treatment continues to be monitored at the TRW Site.

2.3.6 OOU Site

The Offsite Operable Unit extends from the northern property boundary of 440 Wolfe Road to just north of Lakehaven Drive (north of U.S. Highway 101) and is approximately bounded on the east by Santa Paula Avenue and the Sunnyvale East Drainage Channel on the west. The groundwater beneath the site is impacted with volatile organic compounds (VOCs). The OOU consists of the co-mingled plumes of the Signetics Site, the AMD 901/902 Site, AMD 915 site, and the TRW site.

An extensive groundwater extraction and monitoring program has been in operation since 1988 to treat, monitor, and control the migration of VOCs in the groundwater beneath the site. The groundwater extraction program at the OOU site consists of twenty-nine extraction wells (Offsite wells), which includes the following subsystems: nine extraction wells along Duane Avenue, five extraction wells in the vicinity of Carmel Avenue, ten extraction wells along Alvarado Avenue, and five extraction wells along Ahwanee Avenue. The Offsite wells include ten "A" aquifer extraction wells, nine "B1" aquifer extraction wells, seven "B2" aquifer extraction wells, two "B3" aquifer extraction wells, and one "B4" aquifer extraction well. Groundwater from all of these extraction wells is treated at the groundwater treatment system located at the Signetics Site. Approximately 46 million gallons of groundwater and 95 pounds of VOCs were removed from the OOU in 2018 (Locus, 2019a).

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2.3.7 AMD 915 Site

The AMD 915 site is located at 915 DeGuigne drive, approximately 0.25 miles northeast of the Signetics Site, and is currently under RWQCB regulatory oversight. Investigations at this site began in 1981, following the removal of an acid neutralization system where TCE impacted soil was found and removed. Additional soil excavation was completed in 1982, and approximately 580 cubic yards of VOC-impacted soil were removed from former suspected source areas (Haley & Aldrich, 2019b).

A groundwater extraction and treatment system was installed at the site in 1984, which included nine groundwater extraction wells as well as nine basement dewatering sumps in the upper three aquifer zones ("A", "B1", and "B2"). An onsite groundwater treatment system using air stripping and carbon adsorption operated to remove VOCs from groundwater prior to onsite reuse or discharge under NPDES permit.

In 2016, the AMD 915 Site underwent site redevelopment, and the previous extraction wells and sumps were replaced with twelve new extraction wells located along the northern property boundary. A new groundwater treatment system was also constructed onsite, using carbon filtration to remove VOCs. This system remains operational today, and in 2018 removed 5.7 pounds of VOCs from groundwater, with an average extraction rate ranging from 13 to 18 gallons per minute.

2.3.8 Mohawk Laboratory Site

The former Mohawk Laboratories property (the Mohawk Site) is located at 932 Kifer Road in Sunnyvale, California near the intersection of Commercial Street and Kifer Road. The Mohawk Site is currently under RWQCB regulatory oversight. Under RWQCB oversight, Mohawk

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initiated site characterization activities in 1987. Subsurface investigations detected VOCs and petroleum hydrocarbon compounds in soil, soil vapor, and groundwater beneath the Site. The groundwater plume has migrated to downgradient commercial areas. The predominant contaminants associated with the groundwater plume include PCE, TCE, cis-1,2-DCE, and total petroleum hydrocarbons (TPH). Numerous remedial investigations and remedial actions have been conducted at the Mohawk Site.

Various remedial efforts have been implemented at the Mohawk Site. A permeable reactive barrier (PRB) was installed in the median of the Central Expressway, near its intersection with Commercial Street. The PRB consists of 14 approximately 50-foot long panels with overall dimensions of approximately 700 feet long, 2 to 4 feet wide, and approximately 24 to 33 feet below ground surface (ft-bgs). Each panel consists of zero valent iron and sand mixtures. The construction and installation of the PRB was completed between June and August 2003. Groundwater concentrations are monitored up-gradient and down-gradient of the barrier and results are included in semi-annual reports. Results indicate that the barrier is successful in reducing VOC concentrations by over 90%.

Additional EAB efforts began in 2004, including injection of a carbohydrate solution which serves as a nutrient for the naturally occurring microbes in soil and groundwater that break down VOCs. During 2017, onsite EAB injections were completed through 29 injection points (seven direct push points and 22 existing injection points). A total of 1,050 gallons of EOS® (a proprietary substrate blend) were injected into the 29 locations. Summaries of EAB injections are provided in the Semi-Annual Self-Monitoring Report, Quarter 1 and Quarter 2, 2017 (SGI-Apex, 2017f). During 2017, groundwater samples were collected from select onsite monitoring wells, piezometers and injection points located in the EAB and former ozone

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injection areas. Consistent with previous findings, the monitoring results indicate biodegradation is occurring in groundwater beneath the onsite and offsite areas.

In addition to the other remedial efforts summarized above, lower concentration of groundwater contaminants are reduced over time through natural attenuation. Mohawk continues to monitor wells throughout the plume area to verify the effectiveness of natural attenuation in reducing VOC concentrations. Current monitoring results confirm that the VOC plume is stable and that natural attenuation is occurring.

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3 Preliminary Evaluations

Preliminary evaluations included herein are prepared in accordance with specific ASAOC FFS Work Plan content requirements (EPA, 2019c) as well as EPA guidance (EPA, 1988; 40CFR300; EPA, 1989; EPA, 2017), available historical documentation, and recent evaluations conducted as a part of the ongoing routine monitoring and reporting program.

3.1 Conceptual Site Model Update

The following sections entail a preliminary update to the Conceptual Site Model (CSM) for the Signetics Site. The original CSM was developed in the 1991 Remedial Investigation Report (HLA et al., 1991a). The CSM entails evaluation of existing data to assess both the nature and the extent of contamination and to identify potential exposure pathways and potential human health and/or environmental receptors (EPA, 1988). The CSM also aids in the identification of data gaps and potential remedial technologies. The CSM is organized in the following order: a review of source characteristics, COCs, the nature and extent of contamination, and contaminant fate and transport.

3.1.1 Sources

Primary and secondary pollutant sources are discussed below. In summary, the primary source has been removed according to the 1991 Remedial Investigation, Final Feasibility Study, and ROD (HLA et al., 1991a; HLA et al., 1991b; EPA 1991a). However, there remains soil contamination above 1 mg/kg (the ROD soil cleanup standard) in the area immediately north of the former 811 Arques building (Figure 9); and DNAPL may be present in that area as well. Additionally, in 1996, DNAPL was encountered in a temporary boring 90 feet south of

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well S048B2 at Boring B-30 (EMCON, 1996; also refer to Figure 2 and Figure 11, respectively); however, over 20 years of groundwater remediation has been conducted since this DNAPL observation.

3.1.1.1 Primary Sources

As discussed in Section 2.3.1, Signetics used an underground waste solvent storage tank and a wastewater neutralization system (west of and on the north side of the former 811 Arques Avenue building) as a part of semiconductor operations at the site. By the time of the 1991 ROD, all storage and treatment structures were improved by either relocation above ground or double containment (EPA, 1991). All above ground structures using or storing chemicals of concern or diesel have been removed as of the present day. Additionally, no subsurface structures that formerly used or stored chemicals of concern or diesel are known to remain on the 811 Arques property following historic excavations and tank removals and the subsequent commercial redevelopment in 2005. Therefore, there are no remaining primary sources at the Signetics site. Furthermore, TCE has not been used at the Site since 1978 (EMCON, 1988b).

3.1.1.2 Secondary Sources

At the time of the initial site investigation in 1982, VOCs including TCE, DCE, and Freon 113, were detected in soil west of the former 811 Arques building. The impacted soil in this area was excavated in 1982 and 1987 to concentrations at or below 1 mg/kg TCE (EMCON, 1988a; Figure 8). No residual VOCs are entrained within or sorbed to soil as secondary sources at the former source area.

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As discussed in Section 2.3.3.1, soils in the area immediately north of the former 811 Arques building were specifically investigated in 1987. The investigation concluded that based on the depths and concentrations of the impacted soil, there was no surface spill nor near-surface source, and that the impacts originated from the originally-identified source area, the upgradient waste solvent leakage on the west side of the former 811 Arques building (EMCON, 1988a). During the 1987 investigation, TCE in soils north of the former 811 Arques building was detected at up to 19 mg/kg (EMCON, 1988a; Figure 9). Based on available records, in 1984 a limited area was excavated immediately surrounding two former wastewater treatment tanks (not to be confused with the former wastewater treatment tanks on the west side of the former 811 Arques building). From 1988 through mid-1996 this area was treated via soil vapor extraction and approximately 800 lbs of TCE were removed (Dames & Moore, 1996; refer also to Section 2.3.3.3). Current soil concentrations are unknown because soil in the treatment area was not re-sampled subsequent to treatment. However, an additional study in 2004 surveyed soil gas in the area surrounding the 811 Arques building (excluding the SVE treatment area but with locations very near it) and sampled soil at most of the locations having the highest soil gas observations; ultimately soil concentrations were found to be an order of magnitude below the 1 mg/kg cleanup goal (Locus, 2004; refer also to Section 3.1.3.1). There are no other known areas of potential residual VOCs entrained within or sorbed to soil as secondary sources at the site.

Based on the "1 percent of solubility" rule-of-thumb, Dense Non-Aqueous Phase Liquids (DNAPLs) are suspected to be present when the concentration of a chemical in groundwater is greater than one percent of its pure-phase solubility (US EPA, 1992). The aqueous solubility of TCE at 25 °C is 1,472,000 µg/L (US EPA, 2004).

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Since 1982, the highest observed TCE concentration at the site has been 460,000 µg/L, which is approximately 31% of its aqueous solubility. As a result of remedial actions at the site, groundwater TCE concentrations have been significantly reduced. However, as recently as the November 2018 and May 2019 groundwater monitoring events, remaining TCE concentrations are greater than one percent of TCE's pure-phase solubility (greater than 14,720 µg/L) in wells S140A (19,000 µg/L), S141A (72,000 µg/L), and S141B1 (22,000 µg/L) on the 811 Arques Avenue property. Therefore, DNAPL as a secondary source may be present in the "A" and "B1" Aquifers in this narrow region of the site. This is the area immediately north of the former 811 Arques building where, based on data from 1987, residual VOCs are still entrained within or sorbed to soil.

During a soil investigation conducted in 1996, three inches of DNAPL were detected between 96.5 and 70 feet below ground surface in the "B2" Aquifer approximately 80 feet west of the 815 Stewart building, in boring B-30 (EMCON, 1996; Figure 11). Approximately three feet upgradient, no DNAPL was detected. The report findings suspect that the DNAPL originated from the former VOC source area on the west side of the former 811 Arques building. Groundwater extraction well S048B2, which has a screen interval that encompasses the subject three-inch DNAPL, is located approximately 90 feet north (downgradient) of the 1996 temporary boring that exhibited the DNAPL. Notably, over 20 years of groundwater remediation has been conducted since this 1996 DNAPL observation.

There are no other known areas of potential DNAPL nor residual VOCs entrained within or sorbed to soil as secondary sources at the site.

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3.1.2 Chemicals of Concern

Chemicals of Concern (COC) for the Site were established in the California Regional Water Quality Control Board (RWQCB) Order 91-104 (the Order), adopted on 19 June 1991. The eight chemicals are: 1,1-dichloroethane; 1,1-dichloroethene; cis-1,2-dichloroethene (cis-DCE); trans-1,2-dichloroethene; Freon 113; 1,1,1-trichloroethane; trichloroethene (TCE); and vinyl chloride. TCE is the chemical most commonly present at the Site and therefore serves as the indicator for remedial activities.

3.1.3 Nature and Extent of Contamination

The horizontal and vertical distribution of the COCs among the media at the Site is as follows:

3.1.3.1 Soils and Vadose Zone

As previously discussed, TCE in soils (between 6 and 7.5 feet below ground surface and between 12 and 13.5 feet below ground surface) immediately north of the former 811 Arques building was detected at up to 19 mg/kg in 1987 at the 12 to 13.5 foot depth interval (EMCON, 1988a; Figure 9). TCE was not detected in the unsaturated zone (at the 6 to 7.5 foot depth interval), except for one instance of 0.310 mg/kg (EMCON, 1988a; Figure 9).

A soil survey was conducted at the Signetics site in May 1996. Of the 19 soil borings drilled and sampled throughout the site, only B-26, B-27 and B-29 had detections of VOCs. None of these detections appear to have been in the vadose zone except for Boring B-29 (0.25 mg/kg TCE at 10 to 11 feet below ground surface) (EMCON, 1996; Figure 11; Table 2). Figure 11 shows the location of these borings, which are located north of the former 811 Arques building but east of the area previously sampled in 1987. The maximum TCE concentration

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detected in 1996 was 2.6 mg/kg, and no other VOCs were detected at or above this concentration (Table 2). It is notable that a boring northeast of the 440 Wolfe building (B-13) had no VOC detections in soils; the northeast corner of the 440 Wolfe facility is near the approximate location of two subsurface waste water neutralization tanks associated with limited fabrication and research and development conducted in that building.

In August 2004, a passive soil gas survey and shallow soil confirmation sampling was completed in areas of the 811 Arques property where investigations had not been previously conducted. Sample locations generally surrounded the former 811 Arques building but did not include the limited area that was treated via SVE immediately north of the former 811 Arques building. A grid with 100-foot spacing was the basis for the 48 soil gas sample locations. VOCs were detected in only 10 of the soil gas samples and at very low levels. A contour map showing 2004 TCE concentrations in soil-gas is shown in Figure 12. Soil confirmation samples were taken where some of the highest soil gas readings were observed; soil samples were ultimately collected from seven locations at depths of three and seven feet below ground surface (Figure 13). Soil TCE concentrations were either not detected (less than 0.0050 mg/kg) or were more than an order of magnitude below the cleanup criteria of 1 mg/kg. Although a soil confirmation sample was not taken at one location with a relatively high soil gas survey result (SG811-48 just east of the 1988-1996 SVE treatment area), soil samples were collected at locations with higher soil gas results than that of SG811-48. Therefore, 2004 TCE concentrations in soils at or above seven feet below ground surface near location SG811-48 are expected to have been the same order of magnitude as that of the soil samples that were collected.

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In summary, soils investigations at the Site have not revealed vadose zone source areas other than those on the west side of the 811 Arques building (i.e. the location of the former waste solvent storage and wastewater neutralization tanks). As discussed in Section 3.1.1, the impacted soil in this area was excavated in 1982 and 1987. VOCs detected in soils at the north end of the former 811 Arques building, likely present due to direct contact with impacted groundwater, were treated via soil vapor extraction (SVE) from 1988 through mid-1996 resulting in removal of approximately 800 lbs of TCE (Dames & Moore, 1996). In May 1996, subsequent to SVE treatment, boring and sampling was conducted primarily north of Stewart Drive and was not conducted in the area treated by the SVE system. In August 2004, a soil gas survey and soil confirmation sampling entailed the area surrounding the former 811 Arques building with the exception of the SVE treatment area. Although no soils data is available from the area immediately north of the former 811 Arques building since 1987 and subsequent to treatment by SVE (1988-1996), current soil concentrations are expected to reflect SVE treatment, followed by more than 20 years of natural attenuation.

3.1.3.2 Groundwater

The groundwater at the Site has been monitored regularly for the COCs since 1982. During the 2018 annual sampling, all eight COCs were detected in Aquifers A and B1. Three COCs were found in Aquifers B2 and B3 (i.e. Freon 113, TCE, and cis-1,2-DCE) and two COCs were detected in Aquifer B4 (i.e. cis-1,2-DCE and TCE). No COCs were found in the B5 Aquifer. Of the chemicals detected at the Site, TCE has been detected most frequently and at the highest concentrations. Therefore, TCE is used as the indicator for remedial activities. The boundaries of the TCE plume in Aquifers A, B1, B2 and B3 have been estimated based on the analytical data from the 2018 annual monitoring event at the Site and are shown in Figures 14 through

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17. The TCE plume boundary is set to the MCL of 5 µg/l. The TCE plume boundary and concentration trends are discussed in more detail in Section 3.2.2.

3.1.3.3 Surface Water and Sediments

No natural surface streams are present at the Site. The Santa Clara Valley Water District maintains the Sunnyvale East Drainage Channel immediately west of the Site.

3.1.3.4 Air

There are potential concerns for impact to indoor air due to the vapor intrusion (VI) pathway and to outdoor air due to discharge to atmosphere from the groundwater treatment system's air stripper and the vent stacks associated with vapor intrusion mitigation systems installed on Site and in the vicinity. The potential nature and extent of these impacts is discussed below.

3.1.3.4.1 INDOOR AIR

As discussed in Section 2.3.3.9, vapor intrusion (VI) investigations at the Site began in 2002, covering initially the former building at 811 East Arques Avenue (which was later demolished in 2005) and the building at 440 North Wolfe Road. Further VI investigations were conducted at 440 North Wolfe and 815 Stewart in 2018, and they are expected to be extended as part of the draft Vapor Work Plan (Locus, 2019b). Data tables of indoor air analytical data are presented in the draft Vapor Work Plan. Although removal of the former 811 Arques building makes obsolete the results of the 2002 VI investigation of that building, all buildings at the Site are addressed in the draft Vapor Work Plan, including the new building at 811 Arques and the building at 830 Stewart Drive. Neither the new 811 Arques building nor the building at 830 Stewart Drive have yet been investigated for potential VI issues.

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At the former 811 Arques building, VI investigations in 2002 were conducted using Summa-passivated canisters and flux chambers (Locus, 2003). The maximum indoor air result for TCE was 16 µg/m³ in the basement of the former 811 Arques building. However, as a building where TCE was used for industrial operations, these indoor air concentrations were not attributed solely to VI. Using the flux results along with measured building parameters, the indoor air TCE concentration estimated to be caused by VI was 0.16 µg/m³. The evaluation of the VI pathway using the flux chambers demonstrated that indoor inhalation exposure through that pathway was within acceptable limits and not expected to cause unacceptable risks or hazards. In May 2005, the facility building at 811 Arques was demolished as part of redevelopment efforts (Locus, 2006).

The air quality in the commercial building located at 440 North Wolfe Road was evaluated in 2002 using Summa-passivated canisters. TCE was detected at one location in the basement of 440 Wolfe at 9.3 µg/m³, in the server room located in the center of the basement. All other locations sampled in the 440 Wolfe basement during this sampling event were below 0.75 µg/m³. As a building where TCE was used for industrial operations, these indoor air concentrations were not attributed solely to VI. The flux measurements collected at the 811 Arques building with this investigation demonstrated that indoor inhalation exposure through that pathway was within acceptable limits and not expected to cause unacceptable risks or hazards (Locus, 2003). In May 2018, a building walkthrough was conducted with the property manager and facilities manager to complete a preliminary building survey and to explore potential preemptive mitigation options in light of the 18 February 2015 EPA Request for Removal Action to address the VI pathway (refer to Section 2.1). Based on the observations and discussion with the property manager, basement crack sealing was applied in June and

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July 2018 as a preemptive mitigation option. Post-mitigation sampling showed that all samples were below short-term action levels in the basement and the first floor office. The highest observed TCE concentration was located in the server room (5.7 µg/m³). This is above the site-specific action level of 5.0 µg/m³ as specified in the ASAOC, yet below the short-term 8-hr commercial action level of 9.0 µg/m³. To address that exceedance, a Carbtrol air purification system consisting of carbon drum and blower was installed on 30 November 2018. Post-mitigation sampling was conducted on 22 January 2019, 18 February 2019, and 7 May 2019 consistently showing that TCE concentrations are within acceptable limits.

In May 2018, a building walk-through of commercial slab on-grade building at 815 Stewart Drive was conducted with the property owner to complete a preliminary building survey and consider potential preemptive mitigation options in light of the 18 February 2015 EPA Request for Removal Action to address the VI pathway (refer to Section 2.1). Based on the observations and discussion with the property owner, a sub-slab depressurization system (SSDS) was installed at the 815 Stewart building in September 2018. Post-mitigation air sampling was conducted on 17 September 2018, 25 October 2018, 22 January 2019, 18 February 2019, and 7 May 2019. On the first two sampling events, all samples were below commercial short-term action and site-specific action levels. During the January 2019 sampling event, the outdoor sample TCE concentration measured was 3.6 µg/m³, and the indoor samples results had similar concentrations. Confirmation sampling was conducted on 18 February 2019 and sampling was again conducted on 7 May 2019; the results were within acceptable limits.

3.1.3.4.2 OUTDOOR AIR

Outdoor air may be affected by the discharge of VOCs from the groundwater treatment system at the Site. As described in Section 2.3.3.7, the current groundwater treatment system

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uses an ultraviolet (UV) oxidation system as the primary treatment method. A secondary treatment process of air stripping follows the UV system. The exhaust from the air stripper, which contains VOC concentrations below Bay Area Air Quality Management District (BAAQMD) permit limits, is vented to the atmosphere. In calculating air stripper emissions for comparison to BAAQMD permit limits, the permit requires the assumption that all VOCs measured in the water after the UV oxidation system are stripped from the water matrix prior to discharge. Using these assumptions, it is estimated that in 2018 7.8 kg of TCE and 40.7 kg of VOCs were released into the atmosphere where vapors are diluted and broken down by sunlight.

Outdoor air may also be impacted by vapor intrusion mitigation systems installed on the Site and adjacent site/s. The on-site sub-slab depressurization system (SSDS) at 815 Stewart Drive was installed in September 2018 and includes eight sub-slab suction points and five vent stacks with fans.

As an initial evaluation, in October 2018 Locus conducted air sampling at and around the groundwater treatment system in order to measure COCs in outdoor air in and around the air stripper exhaust, if any. Wind direction was also monitored during these events. The first sampling around took place approximately 24 hours after the treatment system was shut down for maintenance. The second sampling round took place approximately 24 hours after the treatment system was restarted. TCE results in samples around the groundwater treatment system were greater than samples upgradient of the system. The maximum outdoor TCE concentration observed during treatment system operation was 12 $\mu g/m^3$, which was located directly beneath the vent stack. The treatment system is operated in compliance with the current BAAQMD permit (Section 3.3). Additionally, the outdoor air TCE results were similar when the air stripper was operating as when it was shut down, for areas outside the immediate

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treatment system pad. This suggests that the air stripper is not having a significant effect on outdoor air quality.

During routine vapor intrusion investigation sampling at the Signetics site and the neighboring OOU site, outdoor air TCE concentrations since 2015 have ranged from below detection to 1.8 µg/m^3, with an average of approximately 0.23 µg/m^3, based on 325 outdoor air samples collected. On one occasion, outdoor air was observed at 3.6 µg/m^3, but that result appears to have been an anomaly.

Ultimately, the draft Vapor Work Plan proposes additional investigation at the Site, adjacent site/s, and regionally, in order to elucidate any effect caused by the venting of VOCs (Locus, 2019b).

3.1.4 Contaminant Fate and Transport

3.1.4.1 Potential Exposure Pathways and Receptors

As discussed in greater detail in Section 2.3.3.4, the 1990 BPHE reviewed the current use scenarios for evaluation of the VI pathway and subsequent inhalation of VOCs (HLA et al., 1991b). The 1990 BPHE potential future use scenarios entailed the domestic use of shallow groundwater (specifically, associated ingestion and inhalation of VOCs) as well as the VI pathway (inhalation of VOCs) (HLA et al., 1991b). The 1991 ROD goes on to say, regarding the BPHE, *Fugitive dust emission or incidental ingestion of soil by construction workers during hypothetical future construction on the site were not evaluated as exposure pathways at* [the study area: the Triple Site plus a portion of the AMD 915 site]*. This choice was made because the documented contaminated soil is all at depths greater than eight to ten feet. Fugitive dust*

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emissions is not a concern in this circumstance. Standard construction practices in this portion of the Santa Clara Valley would not result in excavations of this depth (EPA, 1991).

An updated evaluation of current potential exposure pathways for human receptors based on the current nature and extent of impacted media are discussed below:

- **Soil**: High concentrations of TCE in the soil were found north and west of the former building at 811 East Arques Avenue. The impacted soil in the north area was not excavated with the exception of the limited area immediately surrounding the two former wastewater treatment tanks at the time that they were removed in 1984. However, impacts above the 1991 ROD cleanup goal of 1 mg/kg total VOCs are limited to depths of 12 feet or more below ground surface (EMCON 1988a, EMCON, 1996; refer also to Figure 9, Figure 11, and Table 2). Furthermore, the north area was treated via SVE from 1988 through mid-1996 (although there is no soil data subsequent to treatment to confirm concentration reductions), and the ground surface in the north area was raised by approximately 5 feet with clean fill during the 2005/2006 redevelopment activities at 811 East Arques Avenue. The impacted soil in the west area was excavated in 1982 and 1987 to the cleanup goal. Chemical concentrations have not been observed in the vadose zone in any other areas of the Site. In addition, a majority of the Site is occupied by buildings and paved areas, leaving only limited sections of vegetated landscape and areas of bare soils. Furthermore, no construction activities are currently underway. Therefore, it is unlikely that contact with impacted soil would occur under current property use conditions.

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- **Groundwater**: As noted in Section 2.2.5, three water wells have been identified in a 1 mile radius from the Site. Nevertheless, they are located more than 0.5 mile upstream from the Site. In addition, Santa Clara Valley Water District (SCVWD) does not serve groundwater directly to consumers, and drinking water in the vicinity of the Site and the downgradient plume comes from the Hetch Hetchy Reservoir in the Sierra Nevada Mountains. Furthermore, drinking water for private wells are supplied from exclusively deeper aquifers per District Well Standards incorporated by reference in SCVWD Ordinance 90-1 (SCVWD, 2016). And more specifically, a 1992 deed restriction on the 811 Arques property and a 2005 covenant on the 440 Wolfe property make it unlikely that groundwater at the Site will ever be extracted for domestic use. Therefore, it is unlikely that contact with impacted groundwater would occur under current conditions.
- **Air**: The potential for vapor intrusion is expected to be further investigated per the draft Vapor Work Plan (VWP) (Locus, 2019b). As detailed in Section 3.1.3.4**Error! Reference source not found.**, preemptive mitigation measures have been taken at the commercial buildings located at 440 Wolfe and 815 Stewart. At the former, sealing of the basement slab was completed. In addition, an air purification system was installed to address air quality in one isolated room where the basement slab was inaccessible. In the latter, a sub-slab depressurization system (SSDS) was installed. Post-mitigation samples from both of these buildings have shown that indoor air concentrations remain within acceptable limits. Nevertheless, the indoor air at the building located at 830 Stewart Drive and the current building at 811 Arques have not yet been evaluated but are included in the draft VWP. Finally,

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exposure to VOCs due to venting from the air stripping process at the groundwater treatment system and from the vapor exhaust from vapor intrusion mitigation systems at 815 Stewart and adjacent to the Site are expected to be further evaluated per the draft VWP. Therefore, these potential exposure pathways for human receptors are still under investigation.

Future use of the Site could differ from the current use. An updated evaluation of future potential exposure pathways for human receptors is discussed below by media (soil, groundwater, and air):

- **Soil**: Future potential exposure to soils through direct contact and subsequent incidental ingestion or dermal adsorption is unlikely. Previous soil sampling campaigns have yielded low or nondetectable results of VOCs in the shallow soil, with the exception of the area immediately north of the former 811 Arques building. Notably, soil in that area underwent treatment via SVE (although post-SVE soil concentrations are unknown) and impacts are at least 12 to 17 feet below ground surface given the placement of clean fill over the area during property redevelopment in 2005/2006. Direct contact with subsurface soils is expected to only occur during temporary activities such as excavation for installation of a sewer or utility line, or other construction activities that include disturbance of subsurface soils. Thus, any exposure via direct contact with subsequent incidental ingestion or dermal absorption from construction activities is expected to be short-term with little potential for repeated exposure to soil.
- **Groundwater**: Potential future use of the groundwater for agricultural use, industrial use, and/or supporting aquatic biota are not anticipated. In addition, the shallowest

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groundwater fluctuates close to 10 feet bgs; therefore, a construction worker is not expected to be directly exposed to the groundwater, except under limited circumstances of especially deep construction activities (e.g. construction of an elevator shaft or deep basement). Thus, any potential exposure via direct contact with subsequent incidental ingestion, dermal absorption, or inhalation from construction activities is expected to be short-term with little potential for repeated exposure to groundwater. Although the groundwater in the region is viewed as a potential drinking water source, SCVWD Ordinance 90-1, the 1992 deed on the 811 Arques property, and the 2005 covenant on the 440 Wolfe property make it unlikely that the domestic use of groundwater at the Site will represent an exposure pathway in the future.

- Air: Based on the investigations conducted to date, the risk for vapor intrusion appear to be localized and readily controlled by preemptive mitigation measures. Nevertheless, further investigations are expected per the draft Vapor Work Plan (Locus, 2019b) in order to determine the extent of vapor intrusion. During potential future construction, workers may be at higher risk of being exposed to volatized VOCs entrained in soil gas. However, given the generally low VOC concentrations found in the indoor air, it is unlikely that workers would be at risk during their activities outdoors. The draft Vapor Work Plan will also evaluate the potential impact on outdoor air from the VOC exhaust at the groundwater treatment system and area vapor intrusion mitigation systems. However, based on outdoor air concentrations observed to date, it is unlikely that VOC exhaust will represent a complete exposure pathway.

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The potential exposure pathways for water resource receptors are discussed below:

- **Surface water bodies**: The Santa Clara Valley Water District (SCVWD) maintains the Sunnyvale East Drainage Channel immediately west of the Site (i.e. offsite and crossgradient). The channel is made of concrete and is located above the water table. Therefore, it is unlikely that the impacted water will reach the channel, which ultimately discharges to the San Francisco Bay. Calabazas Creek, which is located approximately 1.3 miles from the Site, is the next closest surface water body. Other surface water bodies in the vicinity include San Tomas Aquino Creek, Saratoga Creek, Stevens Creek, Guadalupe River, Guadalupe Slough, and the San Francisco Bay. However, they are located cross-gradient and/or too far to be impacted by groundwater from the Site.
- **Groundwater**: VOCs have been found in multiple aquifers under the Site: A, B1, B2, B3 and B4. In 2018, the TCE plume extent (i.e. area where TCE concentrations are 5 µg/l or higher) under the Site was the largest in the A aquifer with 23 acres, followed by the B1, B2, and B3 aquifers with 17 acres, 15 acres and 0.4 acres, respectively. Based on the 2018 capture zone analysis (described further in Section **Error! Reference source not found.**), the TCE plume is largely contained by the groundwater extraction system as shown in Figures 20 through 23. Therefore, it is unlikely that the plume will migrate significantly.
- **Water-supply wells**: As mentioned in Section **Error! Reference source not found.**, three water wells were identified in the vicinity, all of which are located 0.5 and 1 mile upstream from the Site. Furthermore, it is unclear whether these wells are actually in use, and drinking water for private wells are supplied from exclusively

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deeper aquifers per District Well Standards incorporated by reference in SCVWD Ordinance 90-1 (SCVWD, 2016). Additionally, two of four properties at the Site have a deed or covenant restricting the domestic use of groundwater. Therefore, there is no indication that the Site is affecting or will affect the water supply.

- **Vertical conduits**: There are multiple monitoring and extraction wells at the Site. Abandoned wells may act as vertical conduits for impacted groundwater. All the wells operated at the Site as a part of the groundwater investigation and cleanup have been constructed (and decommissioned when applicable) following the SCVWD guidelines and under their inspection. It is therefore expected that their proper construction, maintenance and decommissioning would minimize their potential as vertical conduits.
- **Aquifer recharge facilities**: Based on Figure 4-2 of the 2016 Groundwater Management Plan (GMP) prepared by the Santa Clara Valley Water District, there are no recharge facilities in the vicinity of the Site (SCVWD, 2016). Therefore, there is no risk that chemicals from this Site may reach recharge facilities.

Other sensitive receptors have not been identified. The Site is mostly paved and non-built. There are four buildings at the Site (811 East Arques Avenue, 440 North Wolfe Road, 815 Stewart Drive, and 830 Stewart Drive) all of which are used for commercial purposes. There are no sensitive receptors such as residences, daycare centers, hospitals, or schools on the Site. However, three schools are located immediately downgradient of the Site, as well as one property formerly used as a daycare center. The students of those schools are considered sensitive receptors.

3.1.4.2 Contaminant Persistence

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Contaminant persistence is determined by molecular properties such as density, solubility, organic carbon partition coefficient, vapor pressure, and reactivity (USGS, 2006; Russell et al. 1992). The Site COCs correspond to a group of compounds known as chlorinated solvents. In general, chlorinated solvents, as pure liquids, have relatively high densities. A pure solution of TCE, for example, is significantly denser than water, which means that it can penetrate the water table and collect in pools on top of less permeable layers in an aquifer. Through dissolution, diffusion, and dispersion, these solvent pools (i.e. dense non-aqueous phase liquid or DNAPL) can become sources of contamination at the bottom of the aquifer. The location and subsequent removal of DNAPL is particularly challenging.

Water solubility, defined as the maximum concentration of a solute that can be carried in water under equilibrium conditions, has a direct relation to the distribution coefficients (i.e. the partitioning into another phase such as soil gas or organic material) and biodegradability of a particular compound. Compounds that are more soluble are more readily available for transport across the bacterial membrane, and thus more subject to biological action (Russell et al., 1992). The aqueous solubilities of chlorinated solvents such as TCE and PCE are generally high, which means that they can easily move in the groundwater and may be taken up by bacteria (USGS, 2006).

The log organic carbon-water partition coefficient (K_{OC}), defined as the amount of sorption on a unit carbon, is indicative of a chemical's retardation by soil or aquifer organic materials. TCE has a low K_{OC}, resulting in little retardation by organic media during its transport in the groundwater (Russell et al., 1992).

Even though chlorinated solvents have relatively high water solubilities, chlorinated solvents biodegrade slowly in groundwater under most natural conditions and therefore can

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persist for long periods of time in certain aquifers (USGS, 2006). Even though many chlorinated solvents can be destroyed by biodegradation, most chlorinated solvents biodegrade only under very specific conditions which are not present at all sites. Furthermore, the biodegration of one chlorinated solvent can result in a by-product that also is a chlorinated solvent, which may or may not be less harmful than the original contaminant (EPA, 1999). For example, native bacteria in aquifers can biodegrade TCE; however, biodegradation often stalls at intermediate products, such vinyl chloride, that are equally if not more toxic than the parent compounds. In addition to biotic reactions, TCE, which is a highly oxidized compound, can undergo a number of abiotic transformations under the appropriate conditions (Russell et al., 1992).

The contamination persistence, as it relates to its treatability by the groundwater extraction and treatment system at the Site, can be evaluated by observing the trends in the influent concentrations at the treatment system. As discussed in Section 3.2.2.7, influent TCE concentrations have been decreasing consistently, indicating that groundwater remediation is occurring. However, the influent TCE concentrations have been decreasing at a slower rate each year, and based on current projections with the existing extraction and treatment system, cleanup criteria is not expected to be met for decades.

3.1.4.3 Contaminant Migration

Potential pollutant migration pathways in the vadose zone, groundwater, and air are discussed below:

- **Vadose zone**: The relatively high vapor pressure of chlorinated solvents is indicative of their relative tendency to move from liquid phase to gas phase. This usually

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results in the volatilization of chlorinated solvents from the contaminated groundwater and soil into the air phase. Upward or downward movement of chlorinated VOCs in the vadose zone can occur in any of the following three phases: soil pore water, gas phase, and non-aqueous phase liquid (NAPL) (Russell et al., 1992). NAPL volumes large enough to overcome capillary forces will move downward into the aquifer, while contaminated soil pore water may reach the groundwater during infiltration and recharge. As discussed in Section **Error! Reference source not found.**, VOCs were found in high concentrations only in the soil at the source area west of the former 811 Arques building. The affected soil was excavated and removed in 1982 and 1987. Additionally, a soil vapor extraction system (SVE) was operated until mid-1996 in order to remove the VOCs in the vadose zone immediately north of the former 811 Arques building. After these remediation measures, the vadose zone at the Site is no longer considered a significant pollution source, yet it may still serve as a migration pathway for volatilized contaminants.

- **Groundwater**: Chlorinated solvents introduced into the groundwater is likely to move downwards through the subsurface until lower permeability features impede its descent (Russell, 1992). This often results in the formation of one or more pools of dense non-aqueous phase liquids (DNAPL). These pools serve as source areas for contamination and migration of chlorinated solvents within an aquifer system. As detailed in Section **Error! Reference source not found.**, DNAPL was found in the B2 aquifer in one 1996 soil boring and may also be a secondary source in the A and B1 aquifers immediately north of the former 811 Arques building per the "1 percent

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of solubility" rule-of-thumb. Once the solvents reach the saturated zone, their transport is mainly dictated by advection, dispersion, and sorption. Advection is the movement of solutes by the bulk motion of flowing groundwater and its rate may vary by many orders of magnitude depending on the local hydrogeology (USGS, 2006). Dispersion is the tendency of solutes to spread out from what would be expected from advective flow. On the other hand, sorption to organic carbon in the aquifer soil matrix may slow down the transport of VOCs dissolved in groundwater. TCE has a relatively high water solubility and a low K_{OC} partition coefficient, which results in little retardation by the organic materials in the aquifer (Russell et al., 1992; USGS, 2006).

The general direction of groundwater flow at the Site is to the north-northeast, towards the baylands of San Francisco Bay and stream channels have been previously identified in the A and B1 Aquifers (EMCON, 1996; also refer to Figure 11 for EMCON's estimated stream channel boundaries). For example, the EMCON study concluded that the A Aquifer channel of sandy material introduces the possibility of groundwater flow beneath the 440 Trench (but still within the "A" Aquifer) and, when groundwater levels are low and the extent of groundwater capture is limited, the additional possibility of groundwater flow around the trench (EMCON, 1996). In 1997, Einarson, Fowler and Watson (EFW) used a combination of cone penetrometer testing borings, continuous soil cores, discrete interval groundwater sampling, pore-pressure dissipation tests, and slug tests were conducted to detail the subsurface geologic, hydrogeologic, and groundwater chemistry conditions (EFW, 1997). The investigation concluded that (*italics*

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represent quoted text) *the subsurface* [at the transect investigated] *consists of 16 coarse-grained units that are generally thin* [*(i.e. less than ten feet thick)*] *and laterally discontinuous*; *many of the coarse-grained units likely extend considerable distances to the north and south*; *these units are separated vertically and horizontally by relatively continuous low permeability silts and clays*; [and] *the distribution of the VOCs is controlled by preferential groundwater flow within the observed coarse-grained units* (refer to Figures 24 through 26 of this FFS Work Plan). Furthermore, *based on the low permeabilities observed in the fine-grained units separating the water-bearing zones, there is little vertical flow except where higher permeability zones are stacked on top of one another (or where monitoring wells have breached more than one water-bearing zone)*, [and] *the extent of VOCs is controlled vertically by the relatively abrupt geologic contacts between the fine- and coarse-grained units.* In regards to the A and B1 stream channels identified in preceding reports, the 1997 EFW investigation concluded: *Lithologic and stratigraphic data indicate that the "A channel" is part of the shallow alluvium and marsh/bayland depositional environments that exists above 32 feet bgs. The shallow alluvium contains both laterally continuous and discontinuous sandy zones at various depths.* [Additionally], *the "B1 channel" ... appears to be less than 100 feet wide and up to 16 feet thick,... has a northwesterly trend, and terminates abruptly at approximately 49 feet bgs.* Ultimately, *many of the laterally discontinuous coarse-grained units observed in cross-section extend considerable distances to the north and south, similar to the B1 channel observed on the* [1997 EFW] *transect. These features... control the flow of groundwater across the area.*

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Refer to Figure 24 of this FFS Work Plan for the 1997 EFW investigation's approximation of the B1 channel boundaries.

The subsurface utility tunnel that connects the 811 Arques and 440 Wolfe properties, running underneath Stewart Drive may have the potential to act as a horizontal preferential pathway for impacted groundwater, depending on the depth of foundation material underneath the tunnel with respect to the water table. The construction specifications of the tunnel are unknown at this time.

Based on the results from annual groundwater monitoring, there has been negligible downgradient migration in recent years. This observation is further supported by the capture analysis presented in Section **Error! Reference source not found.**, which shows that the plume is largely contained by the groundwater extraction system at the Site. Although VOCs have reached multiple aquifers (i.e. A, B1, B2, B3, and B4 aquifers), vertical hydraulic gradients between aquifers have been found to be mostly favorable and the available data indicate that there is minimal concern for vertical gradient issues (see Section **Error! Reference source not found.**). The 1997 EFW investigation found that at the Site north of the 811 Arques property, groundwater chemistry results show a strong correlation to the lithologically and hydrogeologically defined water-bearing zones (EFW, 1997). The highest concentrations are located in more permeable units with hydraulic conductivities typical of sand, silty sand, and clayey sand. That said, downgradient of extraction areas, plume cores are more diffuse.

Air: Due to their high vapor pressure, chlorinated solvents have a tendency to volatilize from liquid to air. When the contaminants enter the gas phase, they are

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transported by advection, dispersion and diffusion through the soil gas, and may reach the atmosphere or the indoor air of a building. The contaminant migration is driven naturally by differences in concentrations and air pressure between the impacted subsurface areas and the atmosphere and/or affected buildings (EPA, 2012). In addition to the VI pathway, there are two potential site-specific contaminant migration pathways in the gas phase: the exhaust of VOCs from the air stripping step at the groundwater treatment system located at the Site, and the release to atmosphere of the soil vapors collected by the vapor intrusion mitigation systems at 815 Stewart Drive and adjacent sites.

The subsurface utility tunnel that connects the 811 Arques and 440 Wolfe properties, running underneath Stewart Drive may have the potential to act as a horizontal preferential pathway for impacted soil vapor, depending on the depth of foundation material for the tunnel with respect to the water table. The construction specifications of the tunnel are unknown at this time.

The gas phase migration pathways are an active area of investigation (Locus, 2019c).

3.2 Evaluation of Groundwater Flow and Water Quality

This section assesses the effectiveness of the hydraulic containment and treatment system effectiveness by evaluating groundwater flow and quality conditions, for the projection of contaminant fate and transport and to the extent needed for remedial evaluation.

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3.2.1 Hydrogeological and Engineering Parameters

Multiple investigation have been conducted over the years in order to understand the Site's hydrogeology and contamination characteristics and to optimize the remediation efforts.

The following hydrogeological and engineering parameters have been used most recently to calculate capture zones, flow budget and well losses:

- Hydraulic conductivity (K): Values are estimated based on the results from rising- and falling-head slug tests presented in the report Subsurface Investigation Report on the Area North of the 811 East Arques Avenue Site, Sunnyvale, California prepared by Einarson, Fowler and Watson (EFW) and published on 3 October 1997 (EFW, 1997).
- Saturated aquifer thickness (b): Values are estimated based on the average aquifer vertical boundaries presented in Subsurface Investigation Report, 440 North Wolfe Road and 811 East Arques Avenue Facilities, Philips Semiconductors, Sunnyvale, California (EMCON, 1996).
- Transmissivity (T): Values are calculated for each well as the product of hydraulic conductivity (K), and saturated aquifer thickness (b) as specified in (EPA, 2008).
- Pumping rates: Values are estimated as the average pumping rate in the month leading up to the annual water elevation measurements at the Site. The month leading to the annual water survey is selected because it is most representative of the pumping conditions corresponding to the hydraulic gradients observed.
- Hydraulic gradients: Values are estimated from the water elevation contours and are illustrated in Figures 20 through 23. Given the uncertainty caused by interpolation in the water elevation contours and the relatively consistent nature of natural

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groundwater gradients in the region, hydraulic gradients were not calculated for each well but as aquifer averages for each site.

Four previous investigations in particular provide useful and relatively extensive hydrogeological and engineering parameters for the Site. Appendix C of the 1991 Remedial Investigation includes, for example, well construction information, transmissivities, capacities, hydraulic conductivities, and storage coefficients (HLA et al., 1991a). The 1996 subsurface investigation entailed an extensive collection of exploratory soil boring logs (EMCON, 1996). The 1997 subsurface investigation entailed cone penetrometer testing, continuous coring, and additional discrete and composite soil sampling for laboratory testing to evaluate physical and lithologic properties (EFW, 1997). The 1997 investigation also entailed pore-pressure dissipation tests and rising- and falling-head slug tests. In an earlier report in 1985, transmissivities and hydraulic conductivities were collected for the 440 Wolfe and 811 Arques extraction trenches and nearby wells; the report also includes several soil boring logs (EMCON, 1985).

3.2.2 Preliminary Hydraulic Containment Evaluation (Summary of Relevant 2018 Annual Groundwater Monitoring Report Remedial Effectiveness Findings)

A preliminary hydraulic containment evaluation was conducted for this Site. The methodology used is described in detail in the 2018 Annual Groundwater Monitoring Report for 811 East Arques Avenue Site (Signetics Site) and Offsite Operable Unit (Locus, 2019a). The findings of the analysis are summarized below.

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3.2.2.1 Plume Boundaries

As mentioned in Section 3.1.2, TCE is the chemical most commonly present at the Site and is therefore used as the indicator for remedial activities. The boundaries of the TCE plume in aquifers A, B1, B2 and B3 have been estimated based on the analytical data from the 2018 annual monitoring event at the Site and are shown in Figures 14 through 17. The TCE plume boundary is set to the California maximum contaminant level (MCL) of 5 µg/l. The TCE plume boundary for the A and B1 aquifers in 1991 are shown in Figures 18 and 19 (EPA, 1991). Comparing the 1991 plume to the 2018 plume, containment is evident. However, the overall size and shape is similar.

Detailed evaluation of the groundwater analytical contours at each aquifer is presented in (Locus, 2019a). In the A aquifer, significant increases in TCE concentrations between 2017 and 2018 were observed at three wells (S138A, S141A, and S146A) all of which are located within the area where bioremediation injections occurred in November 2016. Such rebounds can occur due to bioremediation. Notably, the 100 µg/l plume boundary is greatly reduced in the central to northern part of the Site compared to 2017. Increasing or stable (non-decreasing) results at wells S033A and S157A, upgradient and crossgradient of the known historical TCE source, are indicative of potential upgradient sources that may be affecting the Arques site.

In contrast, the B1 aquifer TCE concentrations have remained relatively stable at most wells except S147B1, which increased from 680 µg/l in 2017 to 1400 µg/l in 2018. Similarly, no considerable increases in B2 and B3 aquifer TCE concentrations were observed in 2018, and throughout the Site the plume boundaries are considered similar to those from 2017. Furthermore, TCE was not detected in any of the B4 aquifer wells located at the Site.

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3.2.2.2 Vertical Hydraulic Gradients

The vertical hydraulic gradients across aquitards were estimated based on nearby well pairs (i.e. pairs in which one well is located in the aquifer above the aquitard while the other well is located in the aquifer below it). In 2018, most well pairs indicated favorable vertical gradients. Although some well pairs indicated potentially undesirable gradients upon initial data evaluation, further investigation did not identify any cause for actions to change the gradient.

3.2.2.3 Volume of Impacted Groundwater

The volume of impacted groundwater was calculated for 2018 using the estimated plume area and the average aquifer thickness (Section 2.2.4). Four TCE concentration ranges were employed: TCE ≥ 10,000 µg/L; 10,000 µg/L > TCE ≥ 1,000 µg/L; 1,000 µg/L > TCE ≥ 100 µg/L; and 100 µg/L > TCE ≥ 5 µg/L. The results are shown in Table 3. While the A aquifer has the largest volume of groundwater impacted with TCE at concentrations of 5 µg/L or more, the B1 aquifer has the largest volume of groundwater impacted with high TCE concentrations of 10,000 µg/L or more. Aquifer B3 has by far the smallest volume of impacted groundwater among the shallowest four aquifers.

3.2.2.4 Extraction System Mass Removal

In 2018, approximately 34.6 million gallons of groundwater were extracted at the Site and treated at the onsite groundwater treatment system (Locus, 2019a). This resulted in the removal of approximately 343 pounds of VOCs during 2018; significantly higher than the 282 pounds of VOCs removed in 2017. However, as noted in the Five-Year Status Report and Remedial Effectiveness Evaluations (2011 to 2015) for the Arques Site (Locus, 2016b), an

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overall decreasing trend has been observed in the rate of mass removal over multiple years, a trend which is discussed further in Section 3.2.2.7. The cumulative VOC mass removal from the extraction system through 2018 was 41,677 pounds based on the most recent five-year report and three subsequent annual groundwater monitoring reports (Locus, 2016b; Locus, 2017; Locus, 2018a; Locus, 2019a). Notably, 93% of the mass of VOCs removed in 2018 were extracted from the "B" Aquifer wells.

3.2.2.5 Capture Zone

Capture zones were estimated for extraction wells using capture zone width calculations and evaluation of the groundwater elevation contours as presented in the 2018 Annual Groundwater Monitoring Report and in accordance with EPA guidance (Locus, 2019a; EPA, 2008). Figures 20 through 23 illustrate the results of the estimations.

Based on the evaluation of the capture zones, no changes for the current extraction rates in the A aquifer were recommended. The capture zone of the B1 aquifer extends beyond the eastern and western boundary of the B1 aquifer TCE plume with little effect from extraction rate adjustments applied in the past. Future extraction rates will be monitored closely to avoid extending the capture zone further east onto the adjacent AMD 901/902, TRW, and AMD 915 sites. Due to adequate B2 and B3 aquifer TCE plume capture, the B2 and B3 aquifer extraction rates were recommended to remain unchanged.

3.2.2.6 Flow Budget

A flow budget was prepared in order to identify and evaluate the different flows coming in and out of the aquifers under the Site (Locus, 2019a). Based on the hydrogeology and surface coverage at the Site, groundwater inflow is mostly attributed to the lateral flow from

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upgradient areas (EFW, 1997). Therefore, the calculated flow rates were expected to be reasonable estimates of the required groundwater extraction pumping rate for TCE plume capture. Estimated flow (pumping) rates were calculated for each of the aquifers using EPA guidance and then compared with the actual pumping rates in order to determine the extent of the plume capture (EPA, 2008; Locus, 2019a).

The pumping rates at the A aquifer were estimated to be adequate for TCE plume capture, which is consistent with findings from the estimated capture zone calculations for the A Aquifer. Notably, the basement dewatering sump (440S) is over-pumping by nearly 60 gpm compared to what is needed for plume capture. However, this basement sump is not designed as part of the remedial system, and the target flow rate is set for the objective of preventing groundwater entry into the basement, rather than capture zone optimization.

Three B1 aquifer extraction wells (S100B1, S148B1, and S147B1) have results that indicate insufficient pumping for plume capture. However, the extraction wells are within the vicinity of the extraction well subsystem that is already capturing groundwater from the adjacent AMD and TRW sites to the east as well as excess groundwater to the west (extending past the TCE plume).

For the B2 aquifer, a slight pumping deficit was identified at the extraction well S048B2. Its pumping rate was recommended to be increased to ensure upgradient B2 aquifer TCE plume capture.

For the B3 aquifer, pumping rates were concluded to be adequate for TCE plume capture.

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3.2.2.7 Influent Concentration Trends

A TCE concentration trend analysis over time was conducted on the influent to the onsite groundwater treatment system. Influent TCE concentrations were determined based on flow-weighted concentration data from extraction well sampling, as previously reported for the Site from 1999 through 2018, and as shown in Figure 27. Influent is categorized by individual extraction subsystems. The trends show decreasing influent TCE concentrations for all extraction subsystems, indicating that groundwater treatment is occurring.

Figure 27 also entails exponential trendlines, which additionally project the expected influent concentrations over the next ten years. Influent TCE concentration projections for all extraction subsystems do not approach TCE cleanup criteria (5 µg/l) within the next ten years. In fact, based on these data, cleanup criteria are not expected to be met for decades using the existing extraction and treatment system.

3.2.3 Conclusion

Ultimately, the remedial system has done an adequate job to date of reducing VOCs in groundwater and preventing downgradient migration; however, the effectiveness of the system has declined over time, as is commonly the case with groundwater extraction systems. Natural mass transport mechanisms (diffusion, dispersion, adsorption, etc.) will continue to limit the rate of VOC mass removal in the subsurface. The heterogeneous soils in the aquifers that contain silts and clays in addition to sands and gravels retain some VOCs, thus retarding VOC removal by the extraction wells. Fine-grained materials adsorb VOCs from the groundwater. Areas where VOCs have sorbed onto the finer-grained soils may act as a continuing source of VOCs to groundwater for many years. As a result, decades are expected

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to pass before remedial goals are attained using groundwater extraction and treatment technology alone.

3.3 Applicable or Relevant and Appropriate Requirements Review

Remedial actions under CERCLA as amended by the Superfund Amendments and Reauthorization Act of 1986 (SARA) requires attainment of federal and state applicable or relevant and appropriate requirements (ARARs). *Applicable requirements mean those cleanup standards, standards of control, or other substantive environmental protection requirements, criteria, or limitations promulgated under Federal environmental or State environmental or facility siting law that specifically address a hazardous substance, pollutant, contaminant, remedial action, location, or other circumstance found at a CERCLA site* (Federal Register, Volume 55, 8814). If a requirement is not *applicable* (in other words, if the jurisdictional and legal prerequisites of the requirement do not apply to the site), the requirement may still be *relevant and appropriate*. *Relevant and appropriate requirements mean those cleanup standards* [that] *... address problems or situations sufficiently similar to those encountered at the CERCLA site that their use is well suited to the particular site* (Federal Register, Volume 55, 8817). A requirement that is *relevant* but not *appropriate*, cannot become an ARAR. Furthermore, the determination of *relevant and appropriate* relies on professional judgement, in contrast to the determination of *applicable*, which is a legal and jurisdictional determination. Once a requirement is *relevant and appropriate*, compliance is required as if it were applicable. ARARs are promulgated, that is, legally enforceable federal and state requirements.

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ARARs were initially developed for the Site in 1991 and included in the ROD. Specific ARARs developed for the Site, include the following: (1) chemical-specific, (2) location-specific, and/or (3) action-specific. The 1991 ARARs were reviewed as a part of this FFS Work Plan for any changes that would affect operations or protectiveness of the remedy. Based on a review of all Five-Year Review Reports, the five-year review process has yielded no changes to ARARs.

3.3.1 Chemical-Specific ARARs

Chemical-specific ARARs are typically health- or risk-based numerical values or methodologies which, when applied to site-specific conditions, are expressed as numerical values that represent cleanup standards (i.e., the acceptable concentration of a chemical at the site). Even though shallow groundwater is not currently being used for drinking water, shallow groundwater at the Site is considered a potential drinking water source. Therefore, chemical-specific ARARs for the Site include federal maximum contaminant level goals (MCLGs) (if not equal to zero) established under the Safe Drinking Water Act, federal maximum contaminant levels (MCLs) established under the Safe Drinking Water Act, or State MCLs, whichever is most stringent (EPA, 1991). Furthermore, MCLs were found to meet the intent of California's Resolution 68-16 (California's *Statement of Policy with Respect to Maintaining High Quality of Waters in California*). Ultimately, the 1991 ROD sets the groundwater cleanup standards at the California MCLs for drinking water (Table 6 of the 1991 ROD), which are the most stringent for the Signetics COCs. Ultimately, the California MCLs as well as the Federal MCLs and non-zero MCLGs have not changed since the 1991 ROD.

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3.3.2 Location-Specific ARARs

Location-specific ARARs are restrictions on the concentration of hazardous substances or the conduct of activities in environmentally sensitive areas. In accordance with the ROD, location-specific ARARs for the Site entail the Fish and Wildlife Coordination Act for locations adjacent to Calabazas Creek, Guadelupe Slough and other tributary streams and marshes (EPA, 1991). Note that no natural surface streams, wetlands, nor critical habitat exist on the Signetics site. The Santa Clara Valley Water District maintains the Sunnyvale East Drainage Channel, which is offsite, immediately west of the Site.

3.3.3 Action-Specific ARARs

Action-specific ARARs are usually technology- or activity-based requirements or limitations on actions or conditions taken with respect to specific hazardous substances. Action-specific ARARs do not determine the remedial alternative; rather, they indicate how a selected alternative must be achieved. The ROD identifies several action-specific ARARs (EPA, 1991):

- National Pollutant Discharge Elimination System: Effluent discharge limitations and other associated requirements of a National Pollutant Discharge Elimination System (NPDES) permit or other waste discharge permit, as applicable for a point source discharge of treated groundwater to surface water or storm drains (EPA, 1991). At the time of this writing, groundwater treatment system effluent is discharged to the Sunnyvale East Channel in accordance with NPDES Permit No. CAG912002, Order No. R2-2017-0048 as modified by Order No. R2-2018-0050.

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- EPA Office of Solid Waste and Emergency Response (OSWER) Directive 9355.0-28: The OSWER Directive "Control of Air Emissions from Superfund Groundwater Air Strippers at Superfund Groundwater Sites" requires control of VOC emissions from air strippers and soil vapor extractors to fifteen pounds per day, in ozone non-attainment areas, which includes the Signetics site. This is a "to be considered" (TBC), but as part of the 1991 ROD is enforceable.
- Bay Area Air Quality Management District (BAAQMD) Regulation 8, Rule 47: The BAAQMD rule "Air Stripping and Soil Vapor Extraction Operations" applies control of VOC emissions to new and modified operations. At the time of this writing, air stripper exhaust from the groundwater treatment system is discharged to atmosphere in accordance with a BAAQMD Permit to Operate, Plant #1326.
- BAAQMD Regulation 8, Rule 40: The BAAQMD rule "Aeration of Contaminated Soil and Removal of Underground Storage Tanks" applies control of VOC emissions from contaminated soil from spills or leaks, soil aeration, and underground storage tank replacement or removal.
- Resource Conservation Recovery Act (RCRA) Land Disposal Restrictions (40 CFR 268): TCE and TCA are RCRA listed wastes with land disposal restrictions.
- Clean Water Act: The CWA provides for compliance with location standards for discharge of treated groundwater to the local sanitary sewer. If applicable to site discharge, City of Sunnyvale standards would apply.

Additionally, the following action-specific ARARs may apply:

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- RCRA Standards Applicable to Generators of Hazardous Waste (40 CFR 262): TCE and TCA are RCRA listed wastes, which must be appropriately identified and handled safely.
- RCRA Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities (40 CFR 264): TCE and TCA are RCRA listed wastes.
- Hazardous Waste Regulations - RCRA Subtitle C: RCRA Subtitle C includes identification and listing of hazardous wastes; standards applicable to generators and transporters and to owners and operators of TSDFs; and provisions for permitting, inspections, and enforcement.

It is not anticipated that RCRA-Regulated Hazardous waste will be identified, but if the situation arises, the appropriate measures will be taken for the safe transport of this material to an appropriately permitted facility.

3.4 To-Be-Considered Criteria and Remediation Goals

In contrast to ARARs, nonpromulgated criteria, such as advisories, guidance, and proposed standards issued by federal or state governments are known as *to be considered* (TBC) criteria. (DOE, 2019). Identification and compliance with TBCs is not mandatory in the same way that it is for ARARs; a TBC is not enforceable unless it is part of a ROD (DOE, 2019). TBCs are particularly useful in the absence of ARARs when determining preliminary remediation goals. The following TBCs are relevant to the development of remediation goals.

On 18 February 2015, EPA Region 9 issued an Action Memorandum requesting time-critical Removal Action at the Triple Site to address the VI pathway, which is included with the

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2019 ASAOC by reference and as Attachment A (EPA, 2015; EPA, 2019c). EPA's 2015 request for removal action is based on new response action levels for TCE in indoor air as described in EPA's 9 July 2014 memorandum *EPA Region 9 Response Action Levels and Recommendations to Address Near-Term Inhalation Exposures to TCE in Air from Subsurface Vapor Intrusion* (EPA, 2014). The 2015 memorandum does not identify the 2014 TCE action levels as ARARs nor are the 2014 action levels included in the ROD. However, the 2015 memorandum establishes the 2014 TCE action levels as the mitigation criteria for the requested removal action. Ultimately, Table 3 of the draft Vapor Work Plan provides a complete list of indoor air quality evaluation criteria including screening levels and action levels (Locus, 2019b).

As noted in the ROD, there are no ARARs established for cleanup levels in soil. The cleanup standard of 1 mg/kg total VOCs for soils for the Site, used for the excavation of soils on the west side of the former 811 Arques building, was based on RWQCB policy and established as a TBC in the ROD (EPA, 1991). The value of 1 mg/kg total VOCs was established to protect groundwater from leaching of chemical-bearing soils (HLA et al., 1991b).

EPAs Regional Screening Levels (RSLs) for Chemical Contaminants at Superfund Sites were last updated in May 2019. These RSLs are based on potential ARARs (e.g. federal MCLs) and risk-based screening levels calculated using the latest EPA toxicity data for specific chemicals, default exposure assumptions, and physical and chemical properties. The RSLs provide comparison values for residential and commercial/industrial exposures to soil, air, and tapwater (drinking water) to screen chemicals at Superfund Sites. RSLs are intended to be used in the development of remediation goals: first identifying screening levels at scoping, then modifying as needed at the end of the remedial investigation or during the feasibility study

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based on site-specific information. The generic RSLs can be changed to reflect site-specific risks by updating default parameters using the RSL calculator.

San Francisco Bay RWQCB Environmental Screening Levels (ESLs) and the corresponding user's guide were last issued in August 2019. ESLs are considered to be protective for typical Bay Area sites, but site-specific circumstances may preclude direct application of the ESLs (RWQCB 2019b). ESLs are intended to quickly screen potential site issues; exceedance of an ESL indicates further investigation or evaluation is needed to better assess the threat (RWQCB 2019b).

The May 2019 Industrial Soil RSLs for the COCs developed based on a target cancer risk of 1E-06 and a target hazard quotient of 1.0 range from 1.7 mg/kg for vinyl chloride to 36,000 mg/kg for 1,1,1-trichloroethane; the Industrial Soil RSL for TCE is 6 mg/kg (EPA, 2019a). Similarly, the commercial/industrial ESLs developed based on a target cancer risk of 1E-06 and a target hazard quotient of 1.0 range from 0.15 mg/kg for vinyl chloride to 230,000 mg/kg for 1,1-DCE; the ESL for TCE is 19 mg/kg (RWQCB, 2019a). Currently, the site is commercial, so commercial/industrial screening levels would be the relevant TBC criteria. The site cleanup standard for soil (1 mg/kg total VOCs) is more conservative than these RSLs.

However, the published RSLs also include screening levels in soil (SSLs) that are protective of groundwater. SSLs are either back-calculated from protective risk-based groundwater concentrations or based on MCLs. Regardless, the SSLs that are protective of groundwater at or below MCLs (paralleling the basis for the 1991 soil cleanup criteria of 1 mg/kg) range from 0.00069 mg/kg for vinyl chloride to 0.070 for 1,1,1-TCA; the corresponding TCE SSL is 0.0018 mg/kg (EPA, 2019a). For comparison, the risk-based SSL for TCE is 0.00018 mg/kg. Similarly, ESLs with respect to risk for leaching to groundwater that is a potential drinking

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water resource range from 0.0015 mg/kg vinyl chloride to 7.0 mg/kg for 1,1,1-TCA; the ESL for TCE is 0.085 mg/kg (RWQCB, 2019a). For TCE the ESL is the same for the risk of leaching to groundwater that is a potential drinking water resource versus leaching to groundwater that is not a potential drinking water resource. The SSLs and soil leaching ESLs are more conservative than the site cleanup standard of 1 mg/kg total VOCs.

EPA SSLs entail simplifying assumptions for the migration to groundwater pathway, which include (EPA, 2019b):

- *Infinite source (i.e., steady-state concentrations are maintained over the exposure period)*
- *Uniformly distributed contamination from the surface to the top of the aquifer*
- *No contaminant attenuation (i.e., adsorption, biodegradation, chemical degradation) in soil*
- *Instantaneous and linear equilibrium soil/water partitioning*
- *Unconfined, unconsolidated aquifer with homogeneous and isotropic hydrologic properties*
- *Receptor well at the downgradient edge of the source and screened within the plume*
- *No contaminant attenuation in the aquifer*
- *No NAPLs present (if NAPLs are present, the SSLs do not apply).*

These assumptions are conservative with respect to actual Site conditions. For example, impacts to soil are not steady-state but, rather, decrease over time via natural attenuation, if not by active remediation (such as the former SVE system); impacts to soils are not vertically uniform within the vadose zone; the COCs are attenuated by adsorption and degradation

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through the clay soil column; furthermore, a hypothetical future drinking water receptor point (i.e., drinking water well) would be located in deep aquifers, creating a long vertical profile for attenuation of any shallow vadose zone soil impacts. EPA's RSL User's Guide indicates that *The SSLs were designed for use during the early stages of a site evaluation when information about subsurface conditions may be limited* (EPA, 2019b). Based on site-specific characteristics, any potential remaining impacts to shallow vadose zone soils are likely to be attenuated before reaching any hypothetical future deep aquifer groundwater receptor point. In fact, vertical attenuation of any shallow soil impacts is confirmed based on the ongoing groundwater monitoring program, which demonstrates that deeper aquifers are not impacted by COCs.

The conceptual model used to develop the RWQCB soil leaching ESLs also applies conservative assumptions: sand soils, drinking water well receptor at only 30 feet below ground surface, 43 inches of annual rainfall (versus approximately 15 inches in Sunnyvale, California), and no biodegradation.

Therefore, SSLs and soil leaching ESLs do not represent Site conditions, and the 1991 ROD cleanup standards are considered protective of current and hypothetical future populations.

May 2019 generic tapwater (drinking water) RSLs developed based on a target cancer risk of 1E-06 and a target hazard quotient of 1.0 are presented alongside site cleanup goals in Table 4. Tapwater RSLs are lower than the Site cleanup standards (California MCLs) for 1,1-dichloroethane, TCE, and vinyl chloride (Table 4). Similarly, Tapwater ESLs developed based on the same target cancer risk of 1E-06 and target hazard quotient of 1.0 are lower than Site cleanup standards for 1,1-dichloroethane, 1,1-dichloroethene, TCE, and vinyl chloride (Table 4).

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A deed restriction was established in 1992 for the 811 Arques property in light of groundwater conditions at the property. The deed restriction and its provisions are set to run with the land and are imposed on all current and future owners and lessees of the property. The deed restriction explicitly prevents the use of shallow groundwater at the Site for drinking water. Additionally, a covenant on the 440 Wolfe property, which also runs with the land, restricts the use of property *solely for office or industrial use* and specifically prohibits *residential use, daycare use, hospital use, school use, or any other use which has a higher standard of remediation than the standard for remediation for industrial use*, which precludes 24-hour occupancy, child occupants (sensitive receptors), and domestic use of groundwater.

Furthermore, shallow groundwater is not currently used as a water supply source in Santa Clara County, Santa Clara Valley Water District (SCVWD) does not serve groundwater directly to consumers, and drinking water for private wells are supplied from exclusively deeper aquifers per District Well Standards incorporated by reference in SCVWD Ordinance 90-1 (SCVWD, 2016). Furthermore, there are no water supply wells within 0.5 miles of the Site and none downgradient within 1 mile of the Site (Section 2.2.5).

Therefore, domestic use of groundwater at the Site does not represent a complete exposure pathway, and the 1991 ROD cleanup standards are considered protective of current and hypothetical future populations.

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3.5 Evaluation of Current Remedial Action Objectives and Remediation Goals

The following remedial action objectives (RAOs) were developed in the 1991 ROD for cleanup of groundwater contamination (EPA, 1991):

1. Prevention of near-term and future exposure of human receptors to contaminated groundwater and soil;
2. Restoration of the contaminated groundwater for future use as a potential source of drinking water;
3. Control of contaminant migration;
4. Monitoring of contaminant concentrations in groundwater to observe the control of contaminant migration and the progress of cleanup.

One additional RAO is recommended in light of EPA's 2015 request for removal action to address the VI pathway:

5. Prevention of near-term and future exposure of human receptors to unacceptable vapor intrusion from contaminated groundwater.

Section 3.3 reviews the changes to ARARs subsequent to the ROD that would affect operations or protectiveness of the remedy; no relevant changes were found. Section 3.4 reviews TBC criteria with respect to both potential future use of groundwater as drinking water and, in light of EPA's 2015 additional request for removal action for potential VI concerns.

Based on this preliminary evaluation, the groundwater cleanup goals specified in the 1991 ROD (California MCLs) are probably adequate as numerical criteria for groundwater concentrations. However, CERCLA requires that remedial actions achieve a level or standard

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of cleanup that assures protection of human health and the environment and also meets ARARs. If the current cleanup standards are determined unachievable, evaluation of complete and potentially complete exposure pathways will form the basis for developing revised risk-based and/or ARAR-based RAOs. For this Site, it is clear that the technical practicability of cleanup must also be considered in developing RAOs. It may be determined that the MCL cleanup standards are not achievable and that protectiveness of human health and the environment can be assured without achieving them.

To ensure that the vapor intrusion pathway is removed (by subsurface remedies such as groundwater treatment), the numerical criteria for indoor air (as discussed in Section 3.4) are new cleanup criteria subsequent to the 1991 ROD. Ultimately, a separate Vapor Work Plan is underway for addressing EPA's 2015 request for removal action (Locus 2019b).

3.6 Preliminary General Response Actions and Remedial Action Alternatives

As an initial step in the development of remedial action alternatives, general response actions (GRAs) were identified as part of the 1991 ROD (EPA, 1991). GRAs describe actions that will satisfy site-specific RAOs at the level of specificity of RAOs. GRAs may include, for example, treatment, containment, excavation, extraction, disposal, institutional actions, or a combination of these. Specifically, in the 1991 ROD, based on site-specific circumstances, the following GRAs were identified *for technological screening and possible development of remedial action alternatives for remediating chemical-bearing soil and groundwater*:

- No Further Action

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- Containment
- Collection
- Treatment
- Disposal

Remedial action alternatives were then developed as a part of the 1991 ROD (EPA, 1991). In summary, they were:

- No Further Action
- No Additional Groundwater or Vacuum Extraction: Groundwater extraction and soil vapor extraction systems continuing to operate at 1991 extents/rates without enhancement.
- Enhanced Groundwater Extraction: Improve, including by expansion, the groundwater extraction system and continue to operate the soil vapor extraction system.
- Enhanced Groundwater (A- and B-Aquifers) and Vacuum Extraction (A-Aquifer): Improve, including by expansion, both the groundwater extraction system and the soil vapor extraction system.

The 1991 ROD identified nine criteria against which the remedial action alternative were evaluated:

1. *Overall protection of human health and the environment*
2. *Short term effectiveness in protecting human health and the environment*
3. *Long-term effectiveness and permanence in protecting human health and the environment.*

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4. *Compliance with ARARs*
5. *Use of treatment to achieve a reduction in the toxicity, mobility or volume of the contaminants.*
6. *Implementability.*
7. *State acceptance/Support Agency acceptance.*
8. *Community acceptance.*
9. *Cost.*

Ultimately, the remedies selected in the 1991 ROD are summarized below with a corresponding "Update" on the fate and current status of the remedy:

- Institutional Controls: Deed and well-permit restrictions to protect humans from exposure during the cleanup period.
  - Update: In 1992 a deed on 811 East Arques Avenue was executed that prohibits use of the upper aquifers as a source and/or supply of drinking water. It also restricts groundwater extraction wells or monitoring wells to groundwater investigation, characterization, and remediation. Furthermore, the deed requires advance notice to the RWQCB of any pending property sale or lease as well as notice on sale/lease agreements that the property contains hazardous substances. Additionally, a covenant that runs with the 440 Wolfe property was established upon the sale of that property in 2005, which restricts the use of the property *solely for office or industrial use* and specifically prohibits *residential use, daycare use, hospital use, school use, or any other use which has a higher standard of remediation than the standard for remediation for industrial use*. Regarding well-permit

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restrictions, well installations have been permitted by and installed in accordance with rules of the active jurisdiction, currently Santa Clara Valley Water District. There are no known deeds/covenants associated with 815 or 830 Stewart Drive. Lastly, shallow groundwater is not currently used as a water supply source in Santa Clara County, Santa Clara Valley Water District (SCVWD) does not serve groundwater directly to consumers, and drinking water for private wells are supplied from exclusively deeper aquifers per District Well Standards incorporated by reference in SCVWD Ordinance 90-1 (SCVWD, 2016).

- Groundwater Monitoring: *Groundwater and soil flux monitoring to verify plume containment, determine current plume boundaries, follow the decrease in VOC concentrations as the cleanup progresses, and verify compliance with RWQCB orders* (EPA, 1991).
  - Update: A groundwater monitoring program is in place for semiannual sampling for VOCs at extraction wells, and annual sampling for VOCs at a representative set of monitoring wells. Additionally, monthly groundwater treatment system sampling (influent and effluent) is in place for compliance with the discharge NPDES permit and for use in evaluation of treatment system effectiveness. Annual groundwater monitoring reports use these data to verify plume containment (including conducting a capture zone analysis), map plume boundaries, track VOC concentration trends, and verify compliance with the Signetics site RWQCB Order. Every five years these

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monitoring data are used in a more long-term evaluation in the five-year remedial effectiveness evaluation reports.

- Groundwater Extraction: Groundwater extraction and treatment until drinking water standards are achieved, including enhancements (expansion and/or upgrades) at the Signetics property.
    - Update: The enhanced groundwater extraction system in its current form has been in place since September 2000, although notably a new treatment system for the extracted groundwater was brought online beginning in October 2008. As noted in Section 3.2 and the most recent treatment system effectiveness evaluation in the 2018 Annual Groundwater Monitoring Report, decades are expected to pass before remedial goals are attained using this technology alone (Locus, 2019). Additionally, DNAPL may be present in limited site areas, which reduces the effectiveness of groundwater extraction (refer to Section 3.1.1.2).
- Air Stripping: Treatment of extracted groundwater via air stripping, polished with vapor-phase carbon.
    - Update: Through July 2007 groundwater was treated at a treatment system located on the northwest corner of the 440 Wolfe building. In 1991, groundwater was treated with air strippers containing vapor-phase carbon. In 1996 the treatment system entailed ozone destruction followed by adsorption by granular activated carbon (GAC). As of October 2008, extracted groundwater is treated via ultraviolet (UV) oxidation as the primary treatment method. A secondary treatment process of air stripping follows

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the UV system. The UV and air stripping combined are designed to remove all COCs from the groundwater with an appropriate safety margin and within discharge permit limits (BAAQMD permit for the air stripper and NPDES permit for the surface water discharge).

- Water Reuse: Reuse of treated groundwater treatment system effluent for on-site industrial operations (e.g. process makeup water, cooling tower water, irrigation, etc.).
    - Update: Although treated groundwater was reused on-site for a period of time, once site activities (office and commercial space) no longer had a use for the treated groundwater it was (and is currently) exclusively discharged to surface water under an NPDES permit.
- Soil Remediation: Soil vapor extraction system enhancement
    - Update: An SVE system immediately north of the former 811 Arques building was initiated in October 1988 and then enhanced in December 1990 and September 1992; in 1995 extraction rates were increased from each well in the system. However, due to sharply dropping VOC mass recovery rates, the SVE system was shut down permanently in July 1996. Soil excavation was implemented in 1982 and 1987 to concentrations at or below 1 mg/kg TCE; because soil removal took place in advance of the 1991 ROD, soil excavation was not a selected remedy for the Signetics site. However, soil remains above 1 mg/kg TCE immediately north of the former 811 Arques building (3.1.1.2).

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Ultimately, the remedy implemented to date, as described above, has done an adequate job of reducing VOCs in groundwater and preventing downgradient migration. However, the effectiveness of the groundwater extraction and treatment system has declined over time, as is commonly the case with groundwater extraction systems (Section 3.2; Locus, 2019). Additionally, the remedy does not address the additional preliminary RAO identified as a part of this FFS Work Plan development: *Prevention of near-term and future exposure of human receptors to unacceptable vapor intrusion from contaminated groundwater.* There may also be opportunity to strengthen institutional controls.

The GRAs established in the 1991 ROD appear to remain adequate for the site. However, it would be advantageous to revisit remedial action alternatives to more efficiently reach cleanup goals and to ensure all RAOs are met. Preliminary remedial action alternatives for consideration might entail:

- No Further Action (to be considered as required by CERCLA)
- Continued groundwater extraction and treatment for containment
- Continued groundwater extraction and treatment in "A" and "B1" Aquifers; monitored natural attenuation in the "B2", "B3" and "B4" Aquifers
- *In situ* enhanced anaerobic bioremediation in targeted area/s with groundwater extraction and treatment elsewhere
- Site-wide *in situ* enhanced anaerobic bioremediation; no groundwater extraction and treatment
- Vertical permeable reactive barrier
- Additional institutional controls: deeds/covenants for 815 and 830 Stewart
- Institutional controls at on-site buildings in light of vapor intrusion concerns

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- Sub-slab depressurization or other vapor intrusion mitigation systems
- Additional soil excavation immediately north of the former 811 Arques building (if *in situ* bioremediation pilot results indicate a need and groundwater levels allow)
- Additional soil vapor extraction immediately north of the former 811 Arques building
- Chemical oxidation

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4 FFS Work Plan Rational

4.1 Treatability Study Need

As previously discussed in Section 2.3.3.8, a treatability study began in 2016 to evaluate in situ bioremediation as a potential treatment technology. The study is taking place in the area north of the former 811 Arques building. The objective of the study is to evaluate the effectiveness of in situ EAB of VOCs within the A aquifer at or near the Site source area for the enhancement of reductive dechlorination of chlorinated ethenes, specifically TCE. An additional objective of this study is to collect sufficient data to allow a full-scale implementation.

This in situ EAB study is occurring concurrently with the FFS Work Plan process so that data collection and remedial activities may proceed in parallel with the FFS process. A work plan for additional activities for the treatability study is in development and is expected to be implemented in 2019 and 2020 (Locus, 2019c).

Notably, the EAB study area addresses the same area that is identified throughout this FFS Work Plan as an area where soil impacts likely remain and where DNAPL may be present. In light of the expected limited and intermittent presence of DNAPL in the subsurface (if present at all) and understanding DNAPL to be evasive of standard industry sampling technologies, an investigation to scope the extents of potential DNAPL is not recommended at this time. Ultimately, the EAB treatability study is already in place to evaluate treatment effectiveness in the potential presence of these complicating factors (DNAPL and/or leaching of chemical-bearing soils).

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4.2 Data Needs

Past and current data were reviewed to determine whether any data gaps or needs exist to develop a better CSM, to evaluate current remedial alternatives, or to supplement current treatability studies. The following data needs were identified and their intended uses:

- To assess whether soils are still a potential source and evaluate residual soil impacts that may be present, additional soil samples will be collected in the area north of the former source area, up to and including the area immediately north of the former 811 Arques building. The sampling plan will be revised to include soil sampling procedures.
- Additional review of hydrogeological data in existing investigations/reports identified in Section 3.2.1 to aid in the design of in situ treatment.
- To aid in the design of in situ treatment, supplemental soil samples will be collected to ascertain site-specific A aquifer porosity.
- To evaluate the effectiveness of the expanded Treatability Study (Locus, 2019c), review additional hydrogeological and chemical data collected during that study.
- To confirm that the groundwater extraction system maintains adequate containment, annual capture zone analyses will be updated to include any relevant existing hydrogeological data made available in preparation of this FFS Work Plan, specifically, from investigations/reports identified in Section 3.2.1.
- Annual groundwater elevation measurements will be continued on an annual basis. Collection of groundwater chemistry data from monitoring wells will be continued on an annual basis. Collection of groundwater chemistry data from extraction wells will be continued on a semi-annual basis. Additionally, groundwater treatment system sampling will be continued on a monthly basis.

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- Specific data gaps identified in Section 8.1 of the 2018 Annual Groundwater Monitoring Report will be re-evaluated in light of the body of knowledge compiled in this FFS Work Plan.
- An electronic data search for abandoned wells (other than drinking water wells already searched and noted in this FFS Work Plan) will be conducted (e.g. historical agricultural wells) to identify any previously unknown vertical conduits.
- A historical document search will be conducted for the specifications (e.g. depth, diameter, layout) for the subsurface utility tunnel that connects the 811 Arques and 440 Wolfe properties, running underneath Stewart Drive. This information will assist in identification of whether it has the potential to act as a horizontal migration pathway for soil-gas or groundwater.

4.3 Initial Data Quality Objectives

The Data Quality Objectives (DQO) process will be applied to the FFS to aid in data collection activities and support defensible site decisions. The seven-step planning approach will be performed per the EPA guidance on *Data Quality Objectives Process for Hazardous Waste Site Investigations* (EPA, 2000) and/or the *Guidance on Systematic Planning for the Data Quality Objectives Process* (EPA, 2006). DQOs are qualitative and quantitative statements that are developed over the first six steps of the DQO process. Each step of the DQO process defines criteria or "output". These outputs are then used in the seventh and final step to develop a data collection design.

The DQO process will be used in various stages as the FFS is developed. For example, the process will be applied and refined for the in situ bioremediation treatability study work plan.

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The initial DQOs for this FFS Work Plan are as follows:

1. Stating the Problem - The VOC impacts at the site are described in Section 2.3.3. The CSM is described in Section 3.1. The members of the planning team addressing the impacts are seen in Figure 28 and the schedule is described in Section 6.5
2. Identify the Decision - The principal study question is whether the current groundwater extraction and treatment system selected in the 1991 ROD is effective in meeting the remedial action objectives. The evaluation of groundwater flow and water quality (Section 3.2) determined the system is effectively controlling the migration of the plume, however one or more additional remedial technologies are needed to restore the contaminated groundwater for future use as a potential source of drinking water in a time-effective manner.
3. Identify Inputs to the Decision - The inputs needed to support the decision is seen in Section 4.2.
4. Define the Study Boundaries - The horizontal and vertical extent of the principal contaminant of concern, TCE, in groundwater within the Site boundaries can be seen in Figures 14 through 17 and described in Section 3.1. The time period in which data supporting current groundwater treatability studies will be collected will be within one year or as stated within a treatability study work plan. Treatability studies will be smaller scale, no larger than 150 by 150 feet.
5. Develop a Decision Rule - If groundwater concentration of COCs in wells within the study boundaries remain greater than the California MCLs as stated in the

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1991 ROD, then further assessment and response are required, otherwise no further evaluation is necessary.

6. Specify Tolerable Limits On Decision Errors - Quality control limits for laboratory analyses will be documented in the Quality Assurance Project Plan (QAPP). The Project Quality Assurance Officer will validate data to confirm that objectives have been satisfied per established criteria and that data are suitable for inclusion in data analysis.
7. Optimize the Design for Obtaining Data - Data collection designs will be documented in work plans and the Sampling and Analysis Plan (see Section 4.4). If necessary, the designs will be optimized by identifying data collection alternatives as described in the EPA DQO guidance for hazardous waste site investigations (EPA. 2000).

4.4 Sampling and Analysis Plan and Health and Safety Plan Maintenance

In 1998, the Field Sampling and Analysis Guidance Manual was prepared and released by The Gauntlett Group, LLC, for the 811 East Arques Site (Gauntlett Group, 1998). The document, which serves as the Site's Sampling and Analysis Plan (SAP), covers the following aspects: project description, quality assurance objectives, sampling preparation, field methods and procedures, sample documentation, nonroutine field activities, laboratory analysis, field audits, and field health and safety. The activities covered by the document, however, extend only to treatment system monitoring and groundwater monitoring. Other monitoring activities are not yet included. The Field Sampling and Analysis Guidance Manual (Gauntlett Group, 1998) will be reviewed and revised as necessary in order to have an up-to-date Sampling and Analysis Plan (SAP) for the 811 East Arques Site that covers all the sampling pursuant to the Statement of

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Work (SOW), and that meets the requirements of the ASAOC, SOW, NCP, and applicable guidance documents. The revised SAP will be subject to EPA approval. Notably, Sampling and Analysis Plans relevant to targeted efforts such as the EAB Treatability Study and the Vapor Work Plan will be prepared separately as a part of those efforts.

In 2016, Locus prepared the Health and Safety Plan (HASP) for the field work activities associated with both the Signetics Site and the neighboring site The Companies Offsite Operable Unit (OOU) (Locus, 2016c). The HASP addresses field work activities associated with the groundwater extraction system located throughout the Signetics and OOU sites, the groundwater treatment system located at 813 Stewart Drive, environmental monitoring, mitigation of indoor air, and in situ enhanced anaerobic bioremediation. It also describes the health and safety guidelines for any field work that may be performed by Locus at the Site per the Site Cleanup Requirements (SCR) Order 91-104 (adopted on 19 June 1991) and that may be performed per this FFS Work Plan. Locus will continue to implement the HASP and revise it, as necessary, to ensure that it continues to cover work activities performed in accordance with the Signetics Site ASAOC (EPA, 2019c).

4.5 Evaluation and Development of Treatability Studies

Treatability studies will be developed to resolve data gaps or collect supplemental information needed to support the selection of potential remedial technologies or alternatives. One such treatability study is already in progress at the Site to evaluate in situ bioremediation (see Section 2.3.3.8 and 4.1). If needed, additional treatability studies may be developed and implemented following the procedures described in this section.

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Treatability studies shall be performed in a systematic fashion to ensure that the additional generated data, if required to fill data gaps, can support the remedial alternative evaluation and the implementation process. A well designed treatability study will significantly reduce the overall uncertainty associated with the decision, but cannot guarantee that the chosen alternative will be completely successful. Care will be exercised to ensure that the treatability study is representative of the treatment process as it will be employed to minimize the uncertainty in the decision.

If the need for additional treatability studies is identified, an Identification of Candidate Treatment Technologies TM will be prepared and submitted to EPA for approval. This TM will describe the potential remedial technology to be evaluated and the specific data requirements that would be addressed through a treatability study. Following EPA approval of the Identification of Candidate Treatment Technologies TM, a Treatability Study Work Plan (TSWP) will be developed to implement the treatability study following the DQO process described in Section 4.3, which will also be submitted to EPA for approval. The TSWP will include the overall objectives of the treatability study, description of the implementation and monitoring, and plans for data evaluation and reporting. The TSWP will also include any necessary updates to the Site Health and Safety Plan (HASP) and Sampling and Analysis Plan (SAP).

Following the implementation of the TSWP, a Treatability Study Evaluation Report will be assembled and submitted to EPA, following the schedule and data evaluation process established in the TSWP. The Treatability Study Evaluation Report will also include an evaluation of the tested remedial technology's effectiveness, full-scale implementability, and estimated cost for full-scale implementation.

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5 FFS Tasks

This section describes the tasks to be undertaken in the development of the FFS. The tasks will ultimately contribute to a FFS report in which a detailed analysis of alternatives will result in an appropriate remedy for the Site.

5.1 Overall FFS Process

The FFS will be completed to meet the requirements of the ASAOC and will be developed using the *Guidance for Conducting Remedial Investigations and Feasibility Studies Under CERCLA* (EPA, 1988)(RI/FS Guidance). The FFS process considers the data gathered during previous remedial investigation and remedial actions, and:

- Updates the CSM
- Considers the current RAOs and remediation goals and updates them, if needed
- Considers current general response actions for groundwater
- Identifies, screens, and evaluates remedial technology types and process options
- Develops and screens remediation alternatives, and
- A detailed analysis of alternatives.

The implementation of these steps is described in the following sections.

5.2 Updating the Conceptual Site Model

If during the process of the FFS, additional data is gathered to support the CSM, it will be updated to ensure that it remains representative of Site conditions. Within the context of physical site setting and known/suspected environmental media impacts, a CSM is a dynamic tool used to represent and make inferences related to contaminant sources/releases,

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mechanisms of release, contaminant fate and transport, potential receptors, exposure pathways, and site risks. In addition, the following qualitative assessment questions will be considered to determine if, during the course of the remediation program, the CSM requires revisions or updates:

a. Has understanding of physical site setting, or contaminant fate and transport changed?
b. Have any preferential migration pathways been identified and not yet fully assessed?
c. Have any new pumping influences been identified that might affect the CSM?
d. Have any new primary or secondary sources of contamination been identified?
e. Have any new releases occurred?
f. Is the current understanding of release mechanism(s) unchanged?
g. Have any new COCs been identified?
h. Has non-aqueous phase liquid (NAPL) been newly identified?
i. Have all impacted or potentially impacted environmental media been fully assessed?
j. Has any COC threshold level changed?
k. Have any data trends been observed that might affect the CSM?
l. Have all secondary contamination issues been fully contemplated?
m. Are current and future land use assumptions unchanged?
n. Have any new potential human of ecological receptors been identified?
o. Have any new exposure routes been identified?

If the answer to any of these assessment questions is yes, an update to the CSM will be performed to the extent necessary. A summary of the CSM will be included in the FFS report.

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5.3 Groundwater Containment Technical Memorandum

An Evaluation of Groundwater Containment Technical Memorandum (GWCTM) will be prepared to evaluate the status of the current groundwater extraction and groundwater plume boundaries with an objective of determining whether the plume is effectively captured. The GWTCM will be based on Section 3.2 of the FFS Work Plan and will receive concurrence from the EPA for consideration in the FFS tasks described in the below sections. The GWCTM will be submitted within forty-five days after EPA's approval of FFS Work Plan.

5.4 Updating Remedial Action Objectives and Remediation Goals

RAOs and remediation goals were originally developed for the Site in the 1991 ROD as discussed in Section 3.5. These RAOs and remediation goals will be evaluated and will updated jointly between EPA and Philips to ensure they continue to be protective of human health and the environment and consistent with regulatory policy and guidelines. The evaluation of RAOs will be communicated through a Technical Memorandum (TM) for EPA approval using the following factors:

a. EPA regulations, policy, and guidance,
b. The current CSM (COCs and medium of interest),
c. Current uses and exposures,
d. Reasonably expected future uses and exposure,
e. Remediation goals and
f. Resource values.

This RAO TM will be submitted to EPA with 45 days of approval of the GWCTM.

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5.5 General Response Actions

General response actions were originally proposed in the 1991 ROD as discussed in Section 3.6. The general response actions were: no further action, containment, collection, treatment, and disposal. While not included as a general response action in the 1991 ROD, institutional actions were also implemented as part of the remedy. The general response actions are expected to remain the same at the Site. However, they will be readdressed within the FFS report to be sure they satisfy the remedial action objectives for each medium of interest. Areas and volumes of media to which general response actions will be applied will be considered.

5.6 Identifying, Screening, and Evaluation of Remedial Technologies and Process Options

For each general response actions, remedial technology types and process options will be identified. Ideas for technology types and process options will be drawn from various sources including:

- Publications from the following sources:
  - RI/FS Guidance -bibliography of Technology process'
  - EPA's website *Remediation Technologies for Cleaning up Contaminated Sites*
  - Interstate Technology and Regulatory Council (ITRC)
- Sites with similar conditions (such as the AMD or TRW sites)

Technical types and process options will be screened on the basis of technical implementability. The CSM and the performance of the current remedy will be considered during this screening. After process options are found to be technically implementable, they will be evaluated in detail. One or two representative processes will be selected for each technology type by primarily

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evaluating their effectiveness, however administrative implementability (i.e. permits), and relative costs (i.e. high capital, low O&M) will also be factors in the evaluation. The effectiveness evaluation will consider:

- The potential effectiveness of each process option to handle the estimated area or volumes of impacted media
- Meeting remediation goals and RAOs
- Potential impacts to human health and environment during construction and implementation
- Proven reliability at sites with similar contaminants and conditions

The identification, screening, and evaluation of remedial technologies and process options will be documented in the FFS report or in an Identification of Candidate Treatment Technologies TM as previously discussed in Section 4.5

5.7 Development and Screening of Remedial Alternatives

The selected representative technology types and process options for each medium of interest will be assembled into alternatives for the site as a whole. These alternatives will encompass a range of combinations. General response actions, different technology types, and different media volumes and/or areas will be combined to assemble alternatives. For example, extraction and on-site treatment of groundwater for the entire site and in-situ anaerobic bioremediation for hot spots. Descriptions of each alternative will be included in the FFS report such as location and volume of areas to be contained or treated and management options for treatment residuals.

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5.7.1 Alternatives Definition

Alternatives will be further defined quantitatively to form the basis for evaluation. Parameters to be refined include the volume of contaminated material and the size of the technology/process options. Interaction among media shall be considered with refining the volume of contaminated material. The following information will be developed, to extent necessary, when defining process options:

- Size and configuration of current onsite extraction and treatment or any proposed modifications
- Time-frame for achieving remediation goals
- Rates or flow of treatment
- Spatial requirements
- Disposal distances
- Permitting requirements

5.7.2 Screening Evaluation

After alternatives are defined, they will be evaluated against the same criteria as the previous evaluation: effectiveness, implementability, and cost criteria. The entire alternative is evaluated in this step, whereas the previous technology and process criteria evaluation was medium specific. Both short and long-term components of effectiveness will be considered to ensure protection. Technical and administrative implementability will be reconsidered, as well as comparative cost estimates that consider both capital and O&M costs.

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Alternatives with the most favorable evaluation will be retained for the detailed analysis. Because a remedy has already been implemented at the Site, it is expected that no more than five alternatives will be selected.

Before the detailed analysis is conducted, the selected alternatives will be presented to the EPA at a meeting. A graphical representation of the alternative development and screening will be shared at this meeting. The goal of the meeting will be to agree upon selected alternatives and/or identify any outstanding issues. A fact sheet describing alternatives will also be developed for eventual community distribution.

5.8 Detailed Analysis of Alternatives

The detailed analysis of alternatives herein will support the selection of a site remedy. The evaluation conducted during this phase of analysis builds on the previous evaluations conducted during the development and screening of alternatives. The detailed analysis will consist of further definitions of alternatives, individual analysis, and a comparative analysis.

In the individual detailed analysis, each alternative will be compared against nine criteria. The alternatives will then be ranked against each other and key trade-offs identified. The selected remedy will ultimately meet the following CERCLA statutory requirements:

- *Be protective of human health and the environment*
- *Attain ARARs*
- *Be cost-effective*
- *Utilize permanent solutions and alternative treatment technologies or resource recovery to the maximum extent practicable*

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- *Satisfy the preference for treatment that reduces mobility, toxicity, or volume as a principal element*

5.8.1 Alternative Definition

The alternatives selected during the development and screening of alternatives will be further defined. Results of treatability studies or additional site characterization will be used to revise process option sizing or volumes of impacted media. Alternative definitions will include a discussion of limitations, assumptions, or uncertainties as well as preliminary design calculations, process flow diagrams, and layouts, as necessary.

5.8.2 Individual Analysis of Alternatives

Following definition, alternatives will be analyzed using seven evaluation criteria to satisfy CERCLA requirements. The evaluation criteria are:

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

The detailed evaluation of each alternative using the above criteria will include specific factors illustrated in the RI/FS guidance and will be documented in the FFS report. In addition, the following two criteria will be evaluated following comment on the FFS report and proposed plan:

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- State acceptance
- Community acceptance

Each individual analysis will include a narrative discussion which includes a description of each alternative and a discussion of individual criteria assessment. A table summarizing the assessment of each alternative will also be included.

5.8.3 Comparative Analysis of Alternatives

The comparative analysis will assess the relative performance of each alternative in relation to each evaluation criterion. The goal will be to identify advantages and disadvantages of each alternative, reflecting key trade-offs. Two criteria, overall protection of human health and environment and compliance with ARARs, must be met in order for the alternative to be eligible as a remedy.

A narrative discussion in the FFS report, by each criteria, will identify which alternative performs best in the category, with other alternatives discussed in relative order.

5.9 Draft Focused Feasibility Study Report

The draft FFS Report shall document the development and analysis of remedial alternatives. The draft FFS Report will provide the basis for remedy selection and the proposed plan under Sections 113(k) and 117(a) of CERCLA, 42 U.S.C §§ 9613(k) and 9617(a).

The draft FFS Report will be organized in the following sections:

- Section 1.0 Introduction

This section will summarize the purpose and organization of the FFS report.

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- Section 2.0 Site Background

  The section will present a summary of the site description, site history, the nature and extent of contamination (summarized from the FFS Work Plan), and the evaluation of groundwater containment (summarized from the GWCTM).

- Section 3.0 Identification and Screening of Technologies

  3.1 Introduction

  3.2 Remedial Action Objectives (summarized from the RAO TM)

  3.3 General Response Actions

  3.4 Identification and Screening of Technology Types and Process Options (from TM, if applicable)

- Section 4.0 Development and Screening of Alternatives

  4.1 Development of Alternatives

  4.2 Screening of Alternatives

- Section 6.0 Detailed Analysis of Alternatives

  5.1 Introduction

  5.2 Individual Analysis of Alternatives

  5.3 Comparative Analysis

- Section 7.0 Conclusion
- Section 8.0 References

Figures

Tables

Appendices

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6 Coordination and Deliverables

This section describes the coordination and communication activities that will occur throughout the implementation of this FFS Work Plan.

6.1 Coordination

Upon EPA's request, Philips shall participate in and present technical meetings to discuss planning and implementation of the FFS and subsequent Removal Action. These technical meetings will discuss all the technical aspects of the work, including anticipated problems and new issues. Focused technical meetings will be established with EPA for discussion of specific topics such as RAO and ARAR development when those phases of the FFS Work Plan are initiated. The frequency of other meetings will be discussed with EPA during each phase of the work, and may be adjusted over the course of the project based on the activity level and personnel involved. Meeting minutes will be recorded by Philips for each of these meetings and provided to EPA.

6.2 Project Team

The Project Team consists of the following main personnel:

Title	Name	Contact
Senior Project Manager	J. Wesley Hawthorne, P.E., P.G.	415-799-9937 hawthornej@locustec.com
Project Manager	Nancy-Jeanne LeFevre, P.E.	(415) 992-5360 LeFevren@locustec.com

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Project Manager	Africa Espina Guzun	(415) 799-9821
		guzuna@locustec.com

The project organization chart is presented in Figure 28. Additional staff is available from Locus to assist with implementation of the work plan.

6.3 Progress Reports

During the preparation and implementation of the FFS, Progress Reports shall be submitted to EPA by the tenth (10th) day of each quarter (October, January, April, and July). Progress reports will include:

1. Description of the actions that have been taken to comply with the SOW and the Settlement;
2. Description of significant developments since submittal of the last Progress Report;
3. Summary and tabulation of validated results of sampling, tests, and all other data obtained or generated by or on behalf of Philips with respect to the Site and/or the implementation of the Settlement (unless this data is otherwise made available through online data sharing tools);
4. Description of the activities planned for the next quarter and associated schedules; and
5. Description of issues encountered in complying with the requirements of the Settlement and any anticipated issues, any actual or anticipated delays, and solutions developed and implemented to address any actual or anticipated issues or delays.

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6.4 Community Involvement

As appropriate during the implementation of this FFS Work Plan, community involvement will be conducted in accordance with EPA guidance and the NCP. If requested by EPA, Philips shall participate in community involvement activities, which may include:

1. Preparation of information regarding the Work for dissemination to the public, with consideration given to appropriate media and/or Internet notification;
2. Preparation and implementation of building-specific communications to ensure building owners and occupants are adequately informed of and have an opportunity to discuss planned sampling activities, sampling results, and risk management measures, including data tables and figures as needed; and
3. Preparing for public meetings or meetings with stakeholders that may be held or sponsored by EPA to explain activities at or relating to the Site.

Upon EPA's request, Philips shall make all final deliverables available on a website that is accessible to the public. Upon EPA's request, Philips shall also establish a community information repository at or near the Site to house one copy of the administrative record.

6.5 Deliverables

All deliverables and tasks required under this FFS shall be submitted or completed by the deadlines or within the time durations detailed in the ASAOC and listed in the table below. Philips may request revised deadlines for EPA approval as the project proceeds. Upon EPA's approval, the revised deadlines supersede the table set forth below, and any previously-approved deadlines.

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DELIVERABLE	DUE DATE (calendar days)
Participation in and Presentation at Technical Meetings, as appropriate.	As appropriate and upon request by EPA, with minimum twenty-one (21) day notice to Respondent
Progress Reports	Submitted to EPA by the tenth (10th) day of the month following the end of each quarter
Preparation of Community Involvement Materials	As necessary, with minimum of thirty (30) days notice to Respondent
Response to Comments Letter	As appropriate and within thirty (30) days of receipt of comments from EPA
Evaluation of Groundwater Containment Technical Memorandum	Within forty-five (45) after EPA's approval of FFS Work Plan
Remedial Action Objectives Technical Memorandum	Within forty-five (45) days after EPA's approval of Groundwater Model Technical Memorandum
Sampling and Analysis Plan for Groundwater FFS - Field Sampling Plan - Quality Assurance Project Plan	Within forty-five (45) days after EPA's approval of Remedial Action Objectives Technical Memorandum
Identification of Candidate Treatment Technologies Memorandum (if applicable)	Within thirty (30) days after EPA's approval of FFS Work Plan for Groundwater
Treatability Test Work Plan (if applicable)	Within forty-five (45) days after EPA's approval of the Identification of Candidate Treatment Technologies Memorandum
Treatability Test Work Plan implementation (if applicable)	Commencement within twenty-one (21) days after EPA's approval of the Treatability Test Work Plan
Treatability Study Evaluation Report (if applicable)	Within sixty (60) after completion of Treatability Study activities
Draft Focused Feasibility Study Report	Within sixty (60) days after EPA's approval of the Treatability Study Evaluation Report

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TABLES

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TABLE 1. 1990 BASELINE PUBLIC HEALTH EVALUATION: SUMMARY OF POTENTIAL HEALTH RISKS
TRIPLE SITE
SUNNYVALE, CALIFORNIA

Summary of Potential Health Risks
Calculated by Clement Associates

The Companies
Sunnyvale, California

Scenario	Potential Upperbound Excess Lifetime Cancer Risks: Average	Potential Upperbound Excess Lifetime Cancer Risks: Plausible Maximum	Hazard Index: Average	Hazard Index: Plausible Maximum
CURRENT-USE SCENARIOS				
Inhalation of VOCs migrating from offsite groundwater				
Residents	1×10^{-4}	2×10^{-3}	<1	<1
School children	4×10^{-8}	6×10^{-7}	<1	<1
FUTURE-USE SCENARIOS				
Ingestion of groundwater -- Aquifer A	2×10^{-3}	4×10^{-1}	>1	>1
Inhalation of VOCs in groundwater -- Aquifer A	3×10^{-4}	1×10^{-1}	<1	<1
Ingestion of groundwater -- Aquifer B	2×10^{-3}	6×10^{-1}	>1	>1
Inhalation of VOCs from groundwater -- Aquifer B	3×10^{-4}	2×10^{-1}	<1	<1
Inhalation of chemicals migrating from onsite groundwater through soil to ambient air	4×10^{-5}	8×10^{-4}	<1	<1

Source: Clement, 1990.

SOURCE: Harding Lawson Associates, Engineering Science, Inc., EMCON, and Weiss Associates, 1991b, Final Feasibility Study, The Companies, Sunnyvale, California, 19 March.

T14729-B
January 11, 1991

TABLE 2. SOIL ANALYTICAL RESULTS FROM 1996 SOIL SAMPLING
SIGNETICS SITE
SUNNYVALE, CALIFORNIA

Table 1

Soil Analytical Results[1]

[milligrams per kilogram (mg/kg)]

Boring	Depth range, feet		Date	Tetrachloroethene	Trichloroethene	*cis*-1,2-Dichloroethene	Trichlorotrifluoroethane	1,2-Dichlorobenzene
	Top	Bottom	Sampled	PCE	TCE	*cis*-1,2-DCE	CFC 113	1,2-DCB
B- 26	13.5	14.5	5/7/96	<0.05	2.2	0.08	<0.05	<0.05
B- 26	28.5	29.5	5/8/96	<0.05	<0.05	<0.05	<0.05	<0.05
B- 26	31.5	32.5	5/8/96	<0.05	<0.05	<0.05	<0.05	<0.05
B- 26	43.5	44.5	5/8/96	<0.05	<0.05	<0.05	<0.05	<0.05
B- 26	47.5	48.5	5/8/96	<0.05	<0.05	<0.05	<0.05	<0.05
B- 26	52	53	5/8/96	<0.05	<0.05	<0.05	<0.05	<0.05
B- 26	57.5	58.5	5/8/96	<0.05	<0.05	<0.05	<0.05	<0.05
B- 27	23.5	24.5	5/8/96	0.69	2.6	<0.05	0.27	0.4
B- 27	40.5	41.5	5/8/96	0.14	<0.05	<0.05	<0.05	<0.05
B- 29	10	11	5/29/96	<0.05	0.25	<0.05	<0.05	<0.05
B- 29	16	17	5/29/96	<0.05	1.2	0.06	<0.05	<0.05

1 Soil samples were analyzed for volatile organic compounds using U.S.EPA method 8010. Only detected analytes are shown on the table.

SOURCE: EMCON, 1996. Subsurface Investigation Report, 440 North Wolfe Road and 811 Arques Avenue Facilities, Philips Semiconductors, Sunnyvale, California 5 September.

TABLE 3. ESTIMATED VOLUME OF IMPACTED GROUNDWATER - OCTOBER 2018
SIGNETICS SITE, SUNNYVALE, CALIFORNIA

Aquifer	Aquifer thickness (ft)	TCE ≥ 10,000 µg/L		10,000 µg/L > TCE ≥ 1,000 µg/L		1,000 µg/L > TCE ≥ 100 µg/L		100 µg/L > TCE ≥ 5 µg/L		TCE ≥ 5 µg/L	
		Area (ft^2)	Volume (ft^3)	Area (ft^2)	Volume (ft^3)	Area (ft^2)	Volume (ft^3)	Area (ft^2)	Volume (ft^3)	Area (ft^2)	Volume (ft^3)
A	30	7.01E+02	2.10E+04	1.79E+03	5.37E+04	1.13E+05	3.38E+06	8.96E+05	2.69E+07	1.01E+06	3.03E+07
B1	20	1.35E+03	2.71E+04	1.15E+04	2.29E+05	2.49E+05	4.99E+06	4.81E+05	9.61E+06	7.43E+05	1.49E+07
B2	20	0.00E+00	0.00E+00	4.96E+03	9.92E+04	3.21E+05	6.43E+06	3.16E+05	6.32E+06	6.42E+05	1.28E+07
B3	20	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E+04	3.06E+05	1.53E+04	3.06E+05

Notes:

Aquifer thickness values were retrieved from the Remedial Investigation Report [Harding Lawson Associates (HLA) et al., 1991]

Plume areas were estimated based on the analytical contours prepared from the 2018 annual groundwater sampling event at the Arques Site.

TABLE 4. CLEANUP STANDARDS AND TAPWATER RSLs AND ESLs

Chemical of Concern	Federal MCLG	Federal MCL	Signetics Site Cleanup Standard	Tapwater RSL	Tapwater ESL
			California MCL		
	µg/L	µg/L	µg/L	µg/L	µg/L
1,1-Dichloroethane	none	none	5	2.8	2.7
1,1-Dichloroethene	7	7	6	280	10
cis-1,2-Dichloroethene	70	70	6	36	11
trans-1,2-Dichloroethene	100	100	10	360	50
Freon 113	none	none	1200	10000	none
1,1,1-Trichloroethane	200	200	200	8000	1000
Trichloroethene	0	5	5	0.49	0.49
Vinyl Chloride	0	2	0.5	0.019	0.0097

NOTES:
California MCLs from Table 64444-A of Title 22 CCR, Division 4, Chapter 15, Article 5.5
Federal MCLs and MCLGs from 40 CFR Part 141
California MCLs and Federal MCLs and MCLGs are the same in October 2019 as they were in the 1991 ROD
Tap Water RSLs from May 2019 EPA RSLs for Chemical Contaminants at Superfund Sites, target cancer risk of 1E-06, target hazard quotient of 1.0
Tap Water ESLs from August 2019 RWQCB Environmental Screening Levels, target cancer risk of 1E-06, target hazard quotient of 1.0

FIGURES

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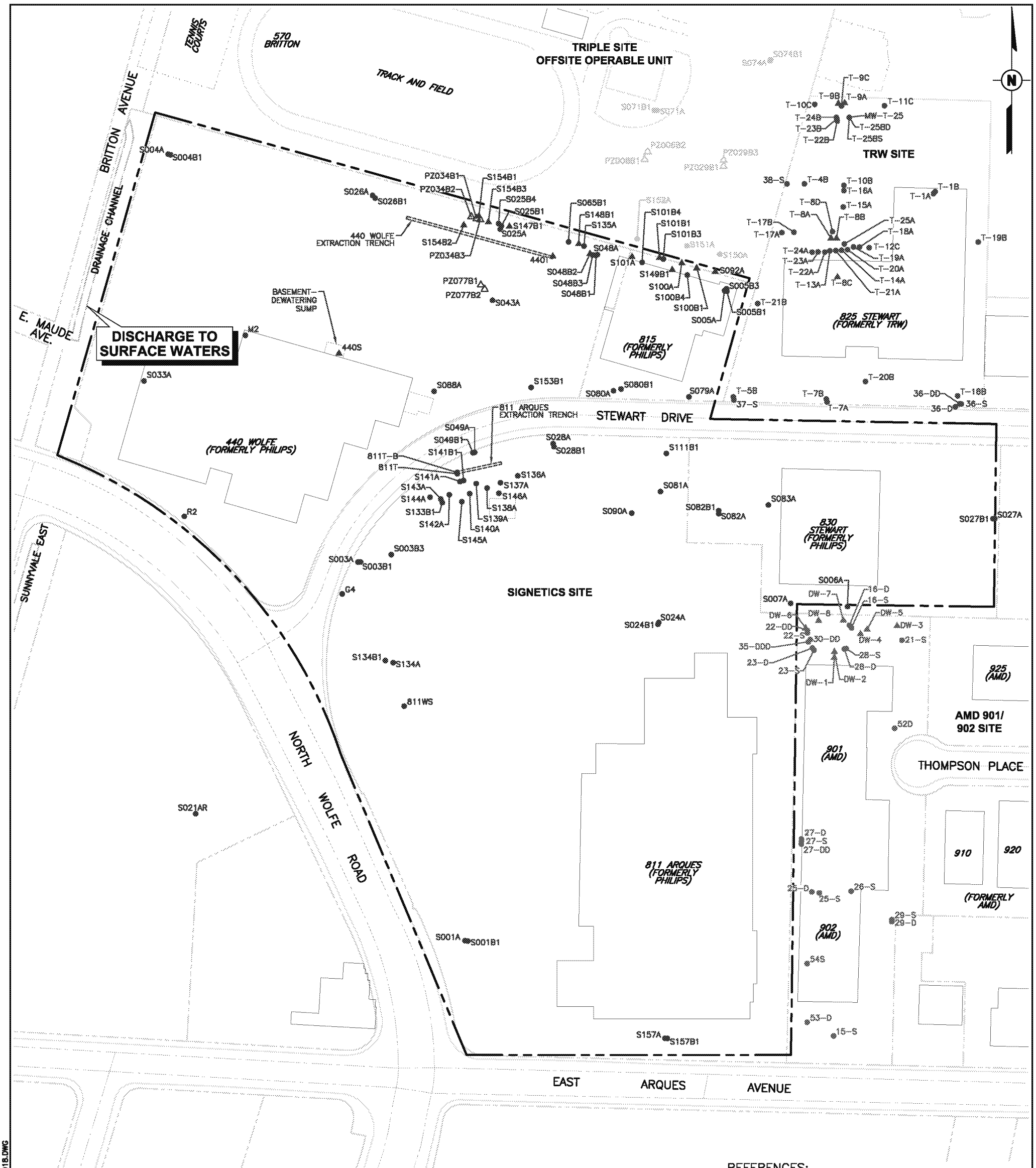
REV. A | 20 March 2019 | Draft for Internal Review | DWN. BY: AT | CK'D BY: EA | AP'D BY:

Locus TECHNOLOGIES

Figure 1
Site Location
Signetics Site
Sunnyvale, California



LEGEND:

- ● MONITORING WELL
- ▲ EXTRACTION WELL
- △ PIEZOMETER
- APPROXIMATE SIGNETICS SITE BOUNDARY

COLOR INDICATES WELL OWNER/SITE:

- SIGNETICS SITE
- AMD 901/902 SITE
- TRW MICROWAVE SITE
- AMD 915 SITE
- TRIPLE SITE OFFSITE OPERABLE UNIT

REFERENCES:

1. MONITORING WELL REPORT FOR LOCUS TECHNOLOGIES AT THE OOU AND ARQUES WELL SITES IN SUNNYVALE, CALIFORNIA DATED DECEMBER 20, 2018 AND PROVIDED BY CROSS LAND SURVEYING, INC.
2. LINEWORK FROM SANTA CLARA COUNTY INFORMATION SERVICES DEPARTMENT AND THE ASSESSORS OFFICE, COUNTYWIDE GIS MAP DATA AVAILABLE TO COUNTY DEPARTMENT, ITS PARTNERS AND THE PUBLIC AND THE CITY OF SUNNYVALE, CALIFORNIA GIS DATA, COPYRIGHT 2018.
3. SATELLITE IMAGERY U.S.G.S. EARTH EXPLORER™. THE ORTHOIMAGERY WAS EVALUATED BY THE U.S.G.S. AND MEETS THE NATIONAL MAP ACCURACY STANDARDS (95% CONFIDENCE). REPORT DATE JULY 24, 2015, COPYRIGHT 2018.

SITE PLAN

SIGNETICS SITE
811 EAST ARQUES AVENUE
SUNNYVALE, CALIFORNIA

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
4	11 JAN 18	ADDED WELLS FROM SURVEY 56-S, 57-S, 56-D, 57-D, 56-DD, 57-DD	NJL	NJL	JWH
3	17 JAN 17	ADDED WELLS FROM SURVEY & SEALED WELLS/PIEZOMETERS: PZ010A, PZ012S1M, PZ012S2, PZ022S2, PZ012S3, S068A, S069A, S068B1, S069B1	AJK	NJL	JWH
2	26 JAN 07	ADDED WELLS 157A AND S157B1. DELETED SEALED WELLS S042A AND S042B1.	VZC	MMG	JWH
1	20 JAN 03	REMOVED SEALED WELLS S085A, S086A, S091A, G-3, A-6, G-1, G-5, M-1, S065A, S070A, S087A, and S089A.	JWH	JWH	JEB

Locus TECHNOLOGIES

0 160 320
SCALE IN FEET

DRAWING NO. 27-006-E284

FIGURE 2

FILE NAME: Z:\LOCUS.TEC\PHILIPS SUNNYVALE\GW_MAPS\2018\GW_ARQUES SITE\FIGURE 2 ARQUES_BSM E284-2018.DWG

ED_013213_00000038-00137

TRIPLE SITE
OFFSITE OPERABLE UNIT

TRW SITE

SIGNETICS SITE

AMD 901/
902 SITE

TRACK AND FIELD

TENNIS COURTS

BRITTON AVENUE

DRAINAGE CHANNEL

E. MAUDE AVE.

SUNNYVALE EAST

NORTH WOLFE ROAD

STEWART DRIVE

THOMPSON PLACE

EAST ARQUES AVENUE

440 WOLFE EXTRACTION TRENCH

811 ARQUES EXTRACTION TRENCH

BASEMENT DEWATERING SUMP

440 WOLFE (FORMERLY PHILIPS)

815 (FORMERLY PHILIPS)

825 STEWART (FORMERLY TRW)

830 STEWART (FORMERLY PHILIPS)

811 ARQUES (FORMERLY PHILIPS)

925 (AMD)

901 (AMD)

902 (AMD)

910

920

(FORMERLY AMD)

REFERENCES:

1. MONITORING WELL REPORT FOR LOCUS TECHNOLOGIES AT THE OOU AND ARQUES WELL SITES IN SUNNYVALE, CALIFORNIA DATED DECEMBER 20, 2018 AND PROVIDED BY CROSS LAND SURVEYING, INC.
2. LINEWORK FROM SANTA CLARA COUNTY INFORMATION SERVICES DEPARTMENT AND THE ASSESSORS OFFICE, COUNTYWIDE GIS MAP DATA AVAILABLE TO COUNTY DEPARTMENT, ITS PARTNERS AND THE PUBLIC AND THE CITY OF SUNNYVALE, CALIFORNIA GIS DATA, COPYRIGHT 2018.
3. SATELLITE IMAGERY U.S.G.S. EARTH EXPLORER™. THE ORTHOIMAGERY WAS EVALUATED BY THE U.S.G.S. AND MEETS THE NATIONAL MAP ACCURACY STANDARDS (95% CONFIDENCE). REPORT DATE JULY 24, 2015, COPYRIGHT 2018.
4. AMD 915 AND AMD 901/902 SITE CONTOURS ARE BASED ON PUBLISHED 2018 ANNUAL GROUNDWATER MONITORING REPORTS BY OTHERS.

LEGEND:

- ● MONITORING WELL
- ▲ EXTRACTION WELL
- △ PIEZOMETER
- APPROXIMATE SIGNETICS SITE BOUNDARY

COLOR INDICATES WELL OWNER/SITE:

- SIGNETICS SITE
- AMD 901/902 SITE
- TRW MICROWAVE SITE
- AMD 915 SITE
- TRIPLE SITE OFFSITE OPERABLE UNIT

44.26 GROUNDWATER ELEVATION IN FEET (FT. MSL, NAVD88)

33* GROUNDWATER ELEVATION NOT USED IN CONTOURING

NM DENOTES WELL NOT MEASURED

44 GROUNDWATER ELEVATION CONTOUR IN FEET MSL, DASHED WHERE INFERRED

GROUNDWATER FLOW DIRECTION

'A' AQUIFER
GROUNDWATER ELEVATION CONTOURS
OCTOBER 2018
SIGNETICS SITE
811 EAST ARQUES AVENUE
SUNNYVALE, CALIFORNIA

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
6	11 JAN 18	ADDED WELLS FROM SURVEY 56-S, 57-S, 56-D, 57-D, 56-DD, 57-DD	NJL	NJL	JWH
4	17 JAN 17	ADDED WELLS FROM SURVEY & SEALED WELLS/PIEZOMETERS: PZ010A, PZ012S1M, PZ012S2, PZ022S2, PZ012S3, S088A, S089A, S088B1, S089B1	AJK	NJL	JWH
3	28 JAN 07	ADDED WELLS 157A AND S157B1. DELETED SEALED WELLS S042A AND S042B1.	VZC	MMG	JWH
2	20 JAN 03	REMOVED SEALED WELLS S085A, S086A, S091A, G-3, A-6, G-1, G-5, M-1, S065A, S070A, S087A, and S089A.	JWH	JWH	JEB

Locus TECHNOLOGIES

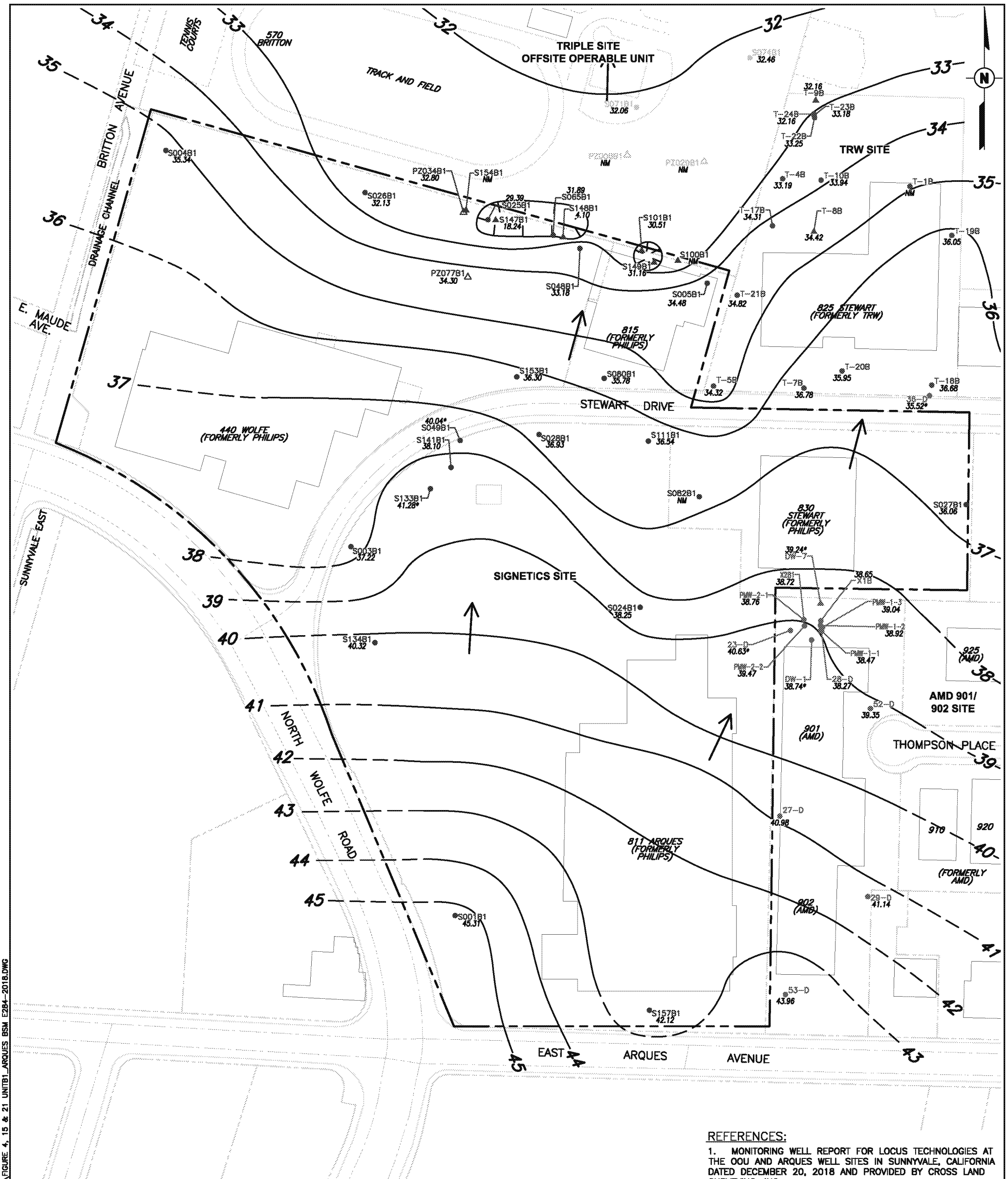
0 160 320
SCALE IN FEET

DRAWING NO. 27-006-E284

FIGURE 3

FILE NAME: Z:\LOCUS\TEC\PHILIPS SUNNYVALE\GW_MAPS\2018\GW_ARQUES SITE\DWGS – AQUIFER A\FIGURE 3, 14 & 20 UNITA_ARQUES BSM E284-2018.DWG

ED_013213_00000038-00138



REFERENCES:

1. MONITORING WELL REPORT FOR LOCUS TECHNOLOGIES AT THE OOU AND ARQUES WELL SITES IN SUNNYVALE, CALIFORNIA DATED DECEMBER 20, 2018 AND PROVIDED BY CROSS LAND SURVEYING, INC.
2. LINEWORK FROM SANTA CLARA COUNTY INFORMATION SERVICES DEPARTMENT AND THE ASSESSORS OFFICE, COUNTYWIDE GIS MAP DATA AVAILABLE TO COUNTY DEPARTMENT, ITS PARTNERS AND THE PUBLIC AND THE CITY OF SUNNYVALE, CALIFORNIA GIS DATA, COPYRIGHT 2018.
3. SATELLITE IMAGERY U.S.G.S. EARTH EXPLORER™. THE ORTHOIMAGERY WAS EVALUATED BY THE U.S.G.S. AND MEETS THE NATIONAL MAP ACCURACY STANDARDS (95% CONFIDENCE). REPORT DATE JULY 24, 2015, COPYRIGHT 2018.
4. AMD 915 AND AMD 901/902 SITE CONTOURS ARE BASED ON PUBLISHED 2018 ANNUAL GROUNDWATER MONITORING REPORTS BY OTHERS.

LEGEND:

- ● MONITORING WELL
- ▲ EXTRACTION WELL
- △ PIEZOMETER
- APPROXIMATE SIGNETICS SITE BOUNDARY

COLOR INDICATES WELL OWNER/SITE:

- SIGNETICS SITE
- AMD 901/902 SITE
- TRW MICROWAVE SITE
- AMD 915 SITE
- TRIPLE SITE OFFSITE OPERABLE UNIT
- 42.12 GROUNDWATER ELEVATION IN FEET (FT. MSL, NAVD88)
- 33* GROUNDWATER ELEVATION NOT USED IN CONTOURING
- NM DENOTES WELL NOT MEASURED
- 45 GROUNDWATER ELEVATION CONTOUR IN FEET MSL, DASHED WHERE INFERRED
- GROUNDWATER FLOW DIRECTION

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
4	11 JAN 18	ADDED WELLS FROM SURVEY 56-S, 57-S, 56-D, 57-D, 58-DD, 57-DD	NJL	NJL	JWH
3	17 JAN 17	ADDED WELLS FROM SURVEY & SEALED WELLS/PIEZOMETERS: PZ010A, PZ012B1M, PZ012B2, PZ022B2, PZ012B3, S068A, S069A, S068B1, S068B1	AJK	NJL	JWH
2	26 JAN 07	ADDED WELLS 157A AND S157B1. DELETED SEALED WELLS S042A AND S042B1.	VZC	MMG	JWH
1	20 JAN 03	REMOVED SEALED WELLS S085A, S086A, S091A, C-3, A-8, C-1, C-8, M-1, S065A, S070A, S087A, and S069A.	JWH	JWH	JEB

LOCUS TECHNOLOGIES

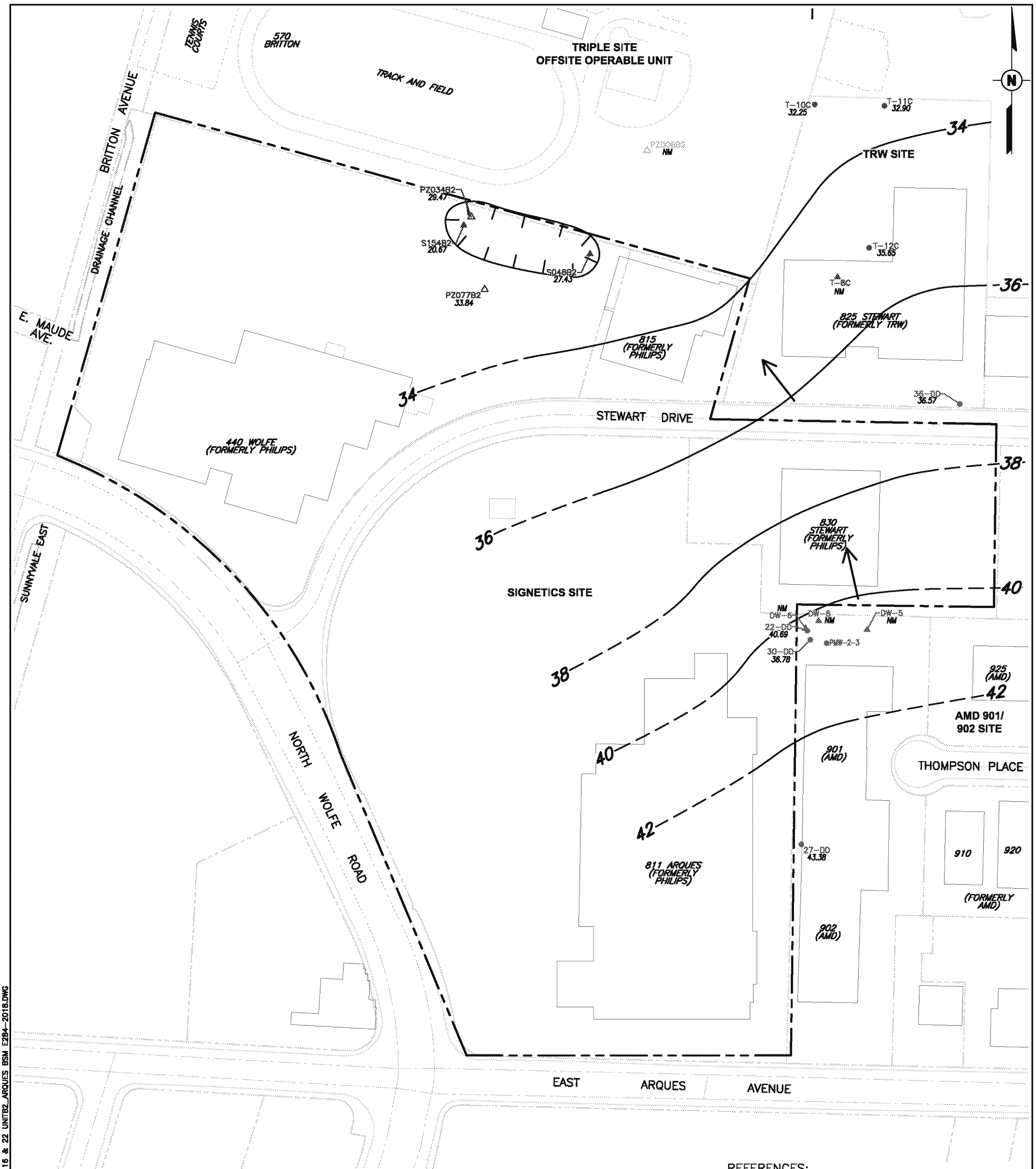
0 160 320
SCALE IN FEET

DRAWING NO. 27-006-E284

FIGURE 4

FILE NAME: Z:\LOCUS.TEC\PHILIPS SUNNYVALE\GW_MAPS\2018\GW_ARQUES SITE\DWGS – AQUIFER B1\FIGURE 4, 15 & 21 UNITB1_ARQUES BSM E284–2018.DWG

ED_013213_00000038-00139



LEGEND:

- ● MONITORING WELL
- ▲ EXTRACTION WELL
- △ PIEZOMETER
- APPROXIMATE SIGNETICS SITE BOUNDARY

COLOR INDICATES WELL OWNER/SITE:

- SIGNETICS SITE
- AMD 901/902 SITE
- TRW MICROWAVE SITE
- AMD 915 SITE
- TRIPLE SITE OFFSITE OPERABLE UNIT
- 43.38 GROUNDWATER ELEVATION IN FEET (FT. MSL, NAVD88)
- 33* GROUNDWATER ELEVATION NOT USED IN CONTOURING
- NM DENOTES WELL NOT MEASURED
- 42 GROUNDWATER ELEVATION CONTOUR IN FEET MSL, DASHED WHERE INFERRED
- GROUNDWATER FLOW DIRECTION

REFERENCES:

1. MONITORING WELL REPORT FOR LOCUS TECHNOLOGIES AT THE OOU AND ARQUES WELL SITES IN SUNNYVALE, CALIFORNIA DATED DECEMBER 20, 2018 AND PROVIDED BY CROSS LAND SURVEYING, INC.
2. LINEWORK FROM SANTA CLARA COUNTY INFORMATION SERVICES DEPARTMENT AND THE ASSESSORS OFFICE, COUNTYWIDE GIS MAP DATA AVAILABLE TO COUNTY DEPARTMENT, ITS PARTNERS AND THE PUBLIC AND THE CITY OF SUNNYVALE, CALIFORNIA GIS DATA, COPYRIGHT 2018.
3. SATELLITE IMAGERY U.S.G.S. EARTH EXPLORER™. THE ORTHOIMAGERY WAS EVALUATED BY THE U.S.G.S. AND MEETS THE NATIONAL MAP ACCURACY STANDARDS (95% CONFIDENCE). REPORT DATE JULY 24, 2015, COPYRIGHT 2018.
4. AMD 915 AND AMD 901/902 SITE CONTOURS ARE BASED ON PUBLISHED 2018 ANNUAL GROUNDWATER MONITORING REPORTS BY OTHERS.

'B2' AQUIFER
GROUNDWATER ELEVATION CONTOURS
OCTOBER 2018
SIGNETICS SITE
811 EAST ARQUES AVENUE
SUNNYVALE, CALIFORNIA

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
4	11 JAN 18	ADDED WELLS FROM SURVEY 56-S, 57-S, 56-D, 57-D, 56-DD, 57-DD	NJL	NJL	JWH
3	17 JAN 17	ADDED WELLS FROM SURVEY & SEALED WELLS/PIEZOMETERS: PZ010A, PZ012B1M, PZ012B2, PZ022B2, PZ012B3, S068A, S069A, S068B1, S068B1	AJK	NJL	JWH
2	26 JAN 07	ADDED WELLS 157A AND S157B1. DELETED SEALED WELLS S042A AND S042B1.	VZC	MMG	JWH
1	20 JAN 03	REMOVED SEALED WELLS S085A, S086A, S091A, C-3, A-6, C-1, C-5, M-1, S065A, S070A, S087A, and S089A.	JWH	JWH	JEB

Locus TECHNOLOGIES

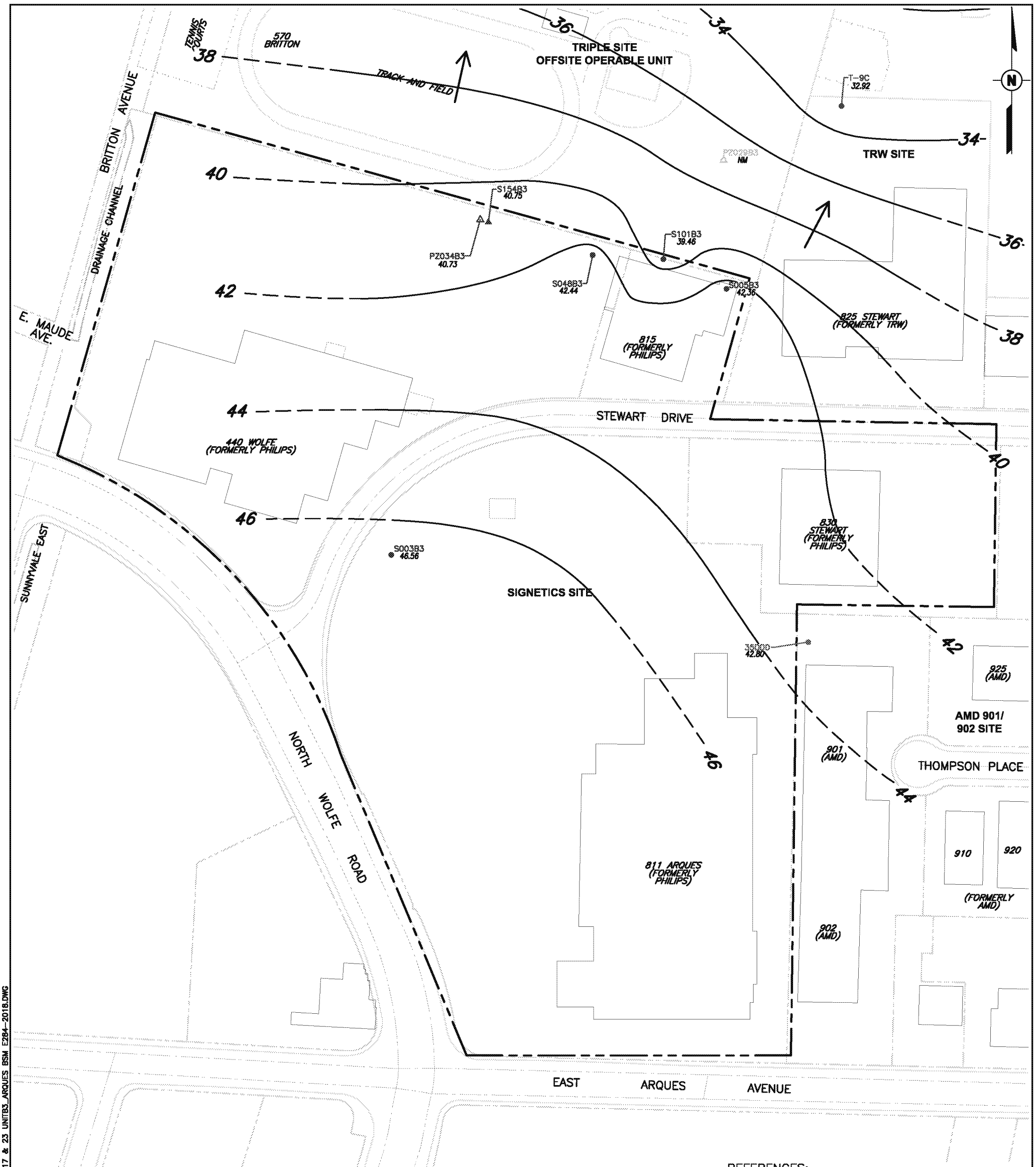
0 160 320
SCALE IN FEET

DRAWING NO. 27-006-E284

FIGURE 5

FILE NAME: Z:\LOCUS.TEC\PHILIPS SUNNYVALE\GW_MAPS\2018\GW_ARQUES SITE\DWGS - AQUIFER B2\FIGURE 5, 16 & 22 UNITB2_ARQUES BSM E284-2018.DWG

ED_013213_00000038-00140



REFERENCES:

1. MONITORING WELL REPORT FOR LOCUS TECHNOLOGIES AT THE OOU AND ARQUES WELL SITES IN SUNNYVALE, CALIFORNIA DATED DECEMBER 20, 2018 AND PROVIDED BY CROSS LAND SURVEYING, INC.
2. LINEWORK FROM SANTA CLARA COUNTY INFORMATION SERVICES DEPARTMENT AND THE ASSESSORS OFFICE, COUNTYWIDE GIS MAP DATA AVAILABLE TO COUNTY DEPARTMENT, ITS PARTNERS AND THE PUBLIC AND THE CITY OF SUNNYVALE, CALIFORNIA GIS DATA, COPYRIGHT 2018.
3. SATELLITE IMAGERY U.S.G.S. EARTH EXPLORER™. THE ORTHOIMAGERY WAS EVALUATED BY THE U.S.G.S. AND MEETS THE NATIONAL MAP ACCURACY STANDARDS (95% CONFIDENCE). REPORT DATE JULY 24, 2015, COPYRIGHT 2018.

LEGEND:

- ● MONITORING WELL
- ▲ EXTRACTION WELL
- △ PIEZOMETER
- APPROXIMATE SIGNETICS SITE BOUNDARY

COLOR INDICATES WELL OWNER/SITE:

- SIGNETICS SITE
- AMD 901/902 SITE
- TRW MICROWAVE SITE
- AMD 915 SITE
- TRIPLE SITE OFFSITE OPERABLE UNIT
- 42.80 GROUNDWATER ELEVATION IN FEET (FT. MSL, NAVD88)
- 33* GROUNDWATER ELEVATION NOT USED IN CONTOURING
- NM DENOTES WELL NOT MEASURED
- 42 GROUNDWATER ELEVATION CONTOUR IN FEET MSL, DASHED WHERE INFERRED
- GROUNDWATER FLOW DIRECTION

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
4	11 JAN 18	ADDED WELLS FROM SURVEY S6-S, S7-S, S6-D, S7-D, S6-DD, S7-DD	NJL	NJL	JWH
3	17 JAN 17	ADDED WELLS FROM SURVEY & SEALED WELLS/PIEZOMETERS: PZ010A, PZ012S1M, PZ012S2, PZ022S2, PZ012S3, S068A, S068A, S068B1, S068B1	AJK	NJL	JWH
2	26 JAN 07	ADDED WELLS 157A AND S157B1. DELETED SEALED WELLS S042A AND S042B1.	VZC	MMG	JWH
1	20 JAN 03	REMOVED SEALED WELLS S085A, S086A, S091A, C-3, A-6, C-1, C-5, M-1, S065A, S070A, S087A, and S089A.	JWH	JWH	JEB

LOCUS TECHNOLOGIES

0 160 320
SCALE IN FEET

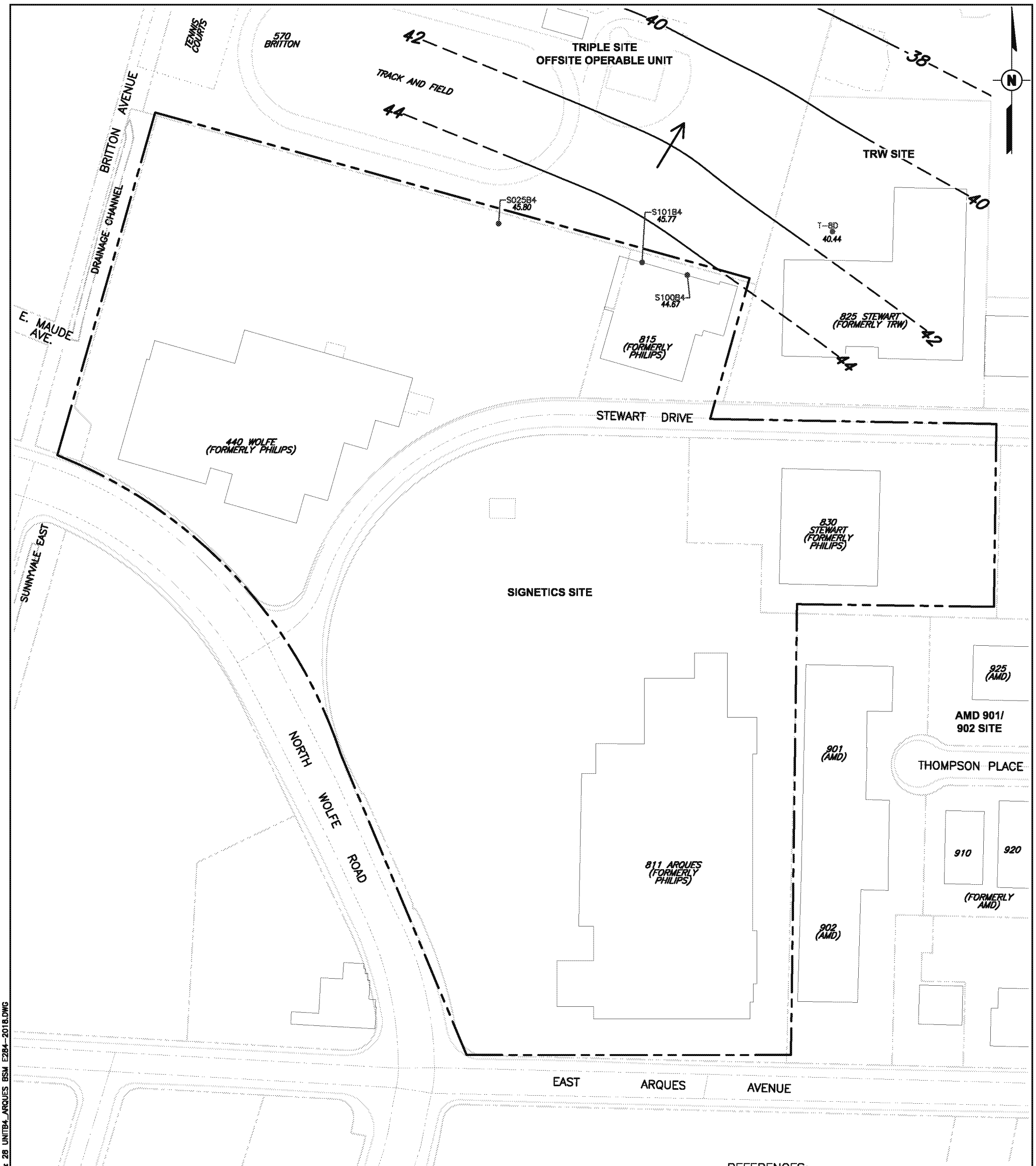
DRAWING NO. 27-006-E284

FIGURE 6

'B3' AQUIFER
GROUNDWATER ELEVATION CONTOURS
OCTOBER 2018
SIGNETICS SITE
811 EAST ARQUES AVENUE
SUNNYVALE, CALIFORNIA

FILE NAME: Z:\LOCUS.TEC\PHILIPS_SUNNYVALE\GW_MAPS\2018\GW_ARQUES SITE\DWGS - AQUIFER B3\FIGURE 6, 17 & 23 UNITB3_ARQUES BSM E284-2018.DWG

ED_013213_00000038-00141



LEGEND:

- ● MONITORING WELL
- ▲ EXTRACTION WELL
- △ PIEZOMETER
- APPROXIMATE SIGNETICS SITE BOUNDARY

COLOR INDICATES WELL OWNER/SITE:

- SIGNETICS SITE
- AMD 901/902 SITE
- TRW MICROWAVE SITE
- AMD 915 SITE
- TRIPLE SITE OFFSITE OPERABLE UNIT
- 42.80 GROUNDWATER ELEVATION IN FEET (FT. MSL, NAVD88)
- 33* GROUNDWATER ELEVATION NOT USED IN CONTOURING
- NM DENOTES WELL NOT MEASURED
- 42 GROUNDWATER ELEVATION CONTOUR IN FEET MSL, DASHED WHERE INFERRED
- GROUNDWATER FLOW DIRECTION

REFERENCES:

1. MONITORING WELL REPORT FOR LOCUS TECHNOLOGIES AT THE OOU AND ARQUES WELL SITES IN SUNNYVALE, CALIFORNIA DATED DECEMBER 20, 2018 AND PROVIDED BY CROSS LAND SURVEYING, INC.
2. LINEWORK FROM SANTA CLARA COUNTY INFORMATION SERVICES DEPARTMENT AND THE ASSESSORS OFFICE, COUNTYWIDE GIS MAP DATA AVAILABLE TO COUNTY DEPARTMENT, ITS PARTNERS AND THE PUBLIC AND THE CITY OF SUNNYVALE, CALIFORNIA GIS DATA, COPYRIGHT 2018.
3. SATELLITE IMAGERY U.S.G.S. EARTH EXPLORER™. THE ORTHOIMAGERY WAS EVALUATED BY THE U.S.G.S. AND MEETS THE NATIONAL MAP ACCURACY STANDARDS (95% CONFIDENCE). REPORT DATE JULY 24, 2015, COPYRIGHT 2018.

'B4' AQUIFER
GROUNDWATER ELEVATION CONTOURS
OCTOBER 2018
SIGNETICS SITE
811 EAST ARQUES AVENUE
SUNNYVALE, CALIFORNIA

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
4	11 JAN 18	ADDED WELLS FROM SURVEY S6-S, S7-S, S6-D, S7-D, S6-DD, S7-DD	NJL	NJL	JWH
3	17 JAN 17	ADDED WELLS FROM SURVEY & SEALED WELLS/PIEZOMETERS: PZ010A, PZ012B1M, PZ012B2, PZ022B2, PZ012B3, S088A, S089A, S088B1, S089B1	AJK	NJL	JWH
2	26 JAN 07	ADDED WELLS 157A AND S157B1. DELETED SEALED WELLS S042A AND S042B1.	VZC	MMG	JWH
1	20 JAN 03	REMOVED SEALED WELLS S085A, S086A, S091A, C-3, A-S, C-1, C-S, M-1, S065A, S070A, S087A, and S089A.	JWH	JWH	JEB

Locus TECHNOLOGIES

0 160 320
SCALE IN FEET

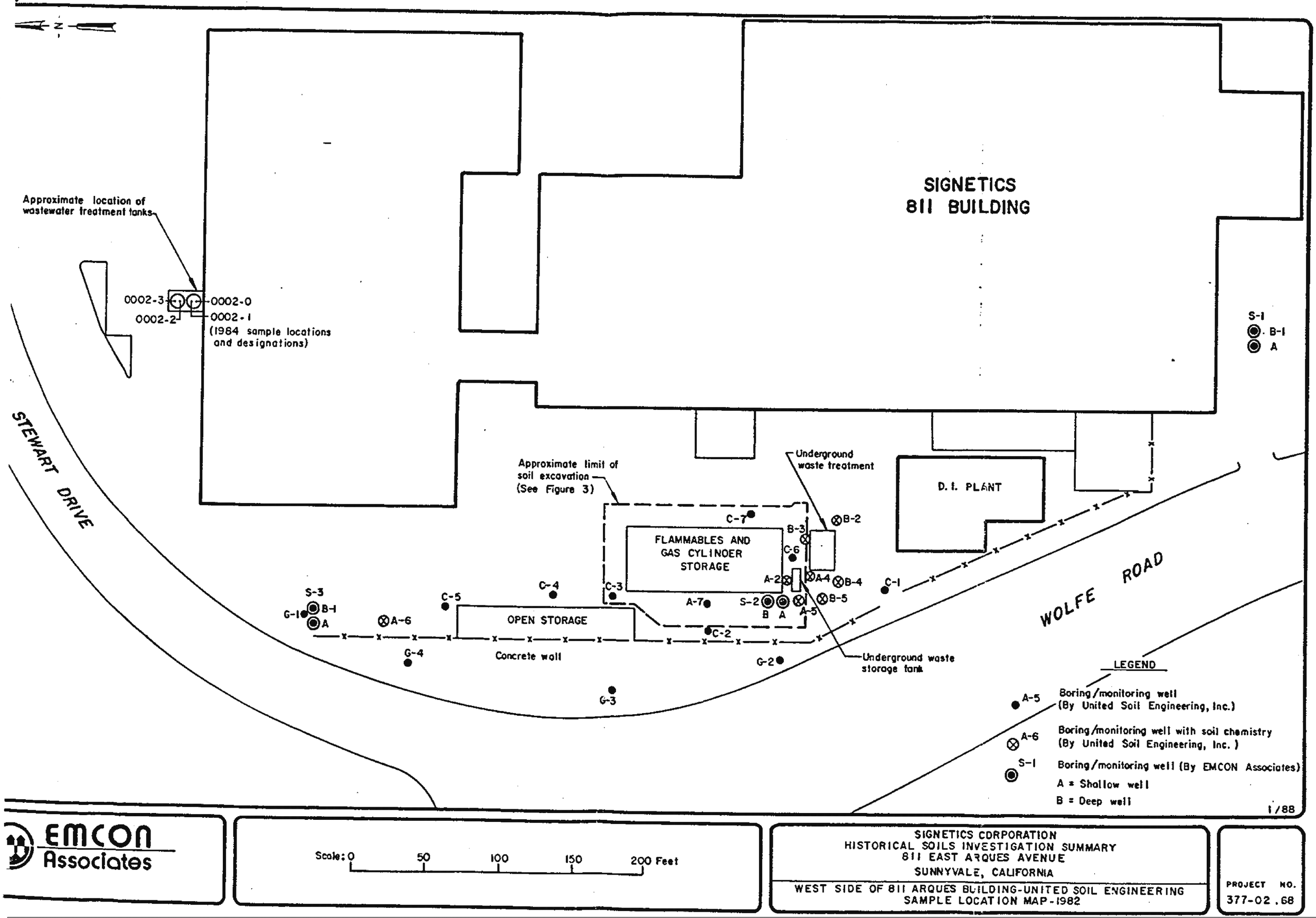
DRAWING NO. 27-006-E284

FIGURE 7

FILE NAME: Z:\LOCUS.TEC\PHILIPS SUNNYVALE\GW_MAPS\2018\GW_ARQUES SITE\DWGS – AQUIFER B4\FIGURE 7 & 28 UNITB4_ARQUES BSM E284-2018.DWG

ED_013213_00000038-00142

FIGURE 8. LAYOUT OF FORMER SOURCE AREA AND EXTENTS OF SOIL EXCAVATION
SIGNETICS SITE
SUNNYVALE, CALIFORNIA



EMCON Associates

Scale: 0 50 100 150 200 Feet

SIGNETICS CORPORATION
HISTORICAL SOILS INVESTIGATION SUMMARY
811 EAST ARQUES AVENUE
SUNNYVALE, CALIFORNIA

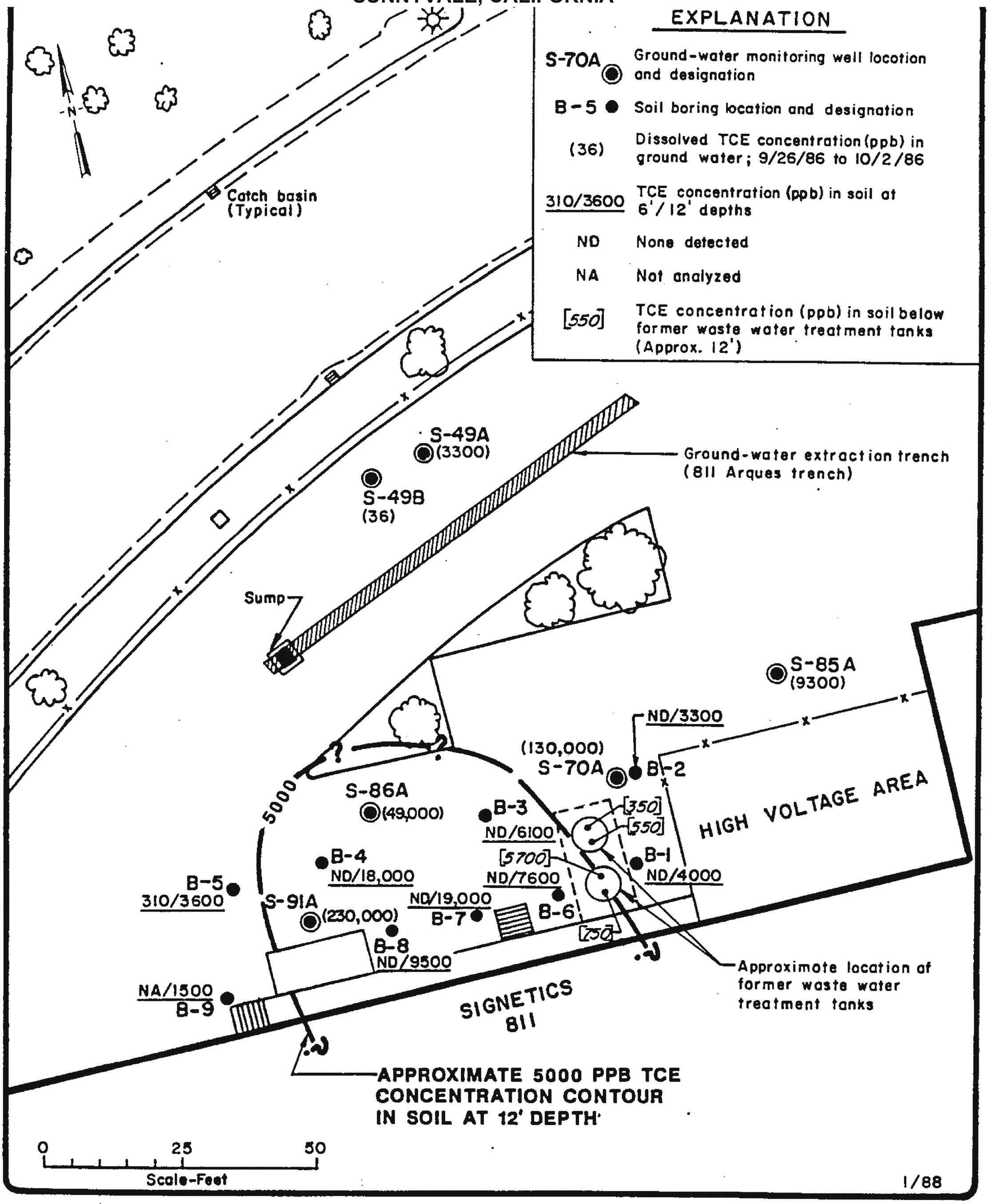
WEST SIDE OF 811 ARQUES BUILDING-UNITED SOIL ENGINEERING
SAMPLE LOCATION MAP-1982

PROJECT NO.
377-02.68

SOURCE: EMCON, 1988. Historical Summary of Soil Investigations, Main Campus Facility, Sunnyvale, California, January 1988. Prepared for Signetics Corporation.

ED_013213_00000038-00143

FIGURE 9. TCE NORTH OF THE FORMER 811 ARQUES BUILDING: 1986 GROUNDWATER DATA AND 1987 SOIL DATA
SIGNETICS SITE
SUNNYVALE, CALIFORNIA



EXPLANATION

S-70A ◉	Ground-water monitoring well locotion and designation
B-5 ●	Soil boring location and designation
(36)	Dissolved TCE concentration (ppb) in ground water; 9/26/86 to 10/2/86
310/3600	TCE concentration (ppb) in soil at 6'/12' depths
ND	None detected
NA	Not analyzed
[550]	TCE concentration (ppb) in soil below former waste water treatment tanks (Approx. 12')

EMCON Associates
San Jose, California

SIGNETICS CORPORATION
HISTORICAL SOILS INVESTIGATION SUMMARY
811 EAST ARQUES AVENUE
SUNNYVALE, CALIFORNIA

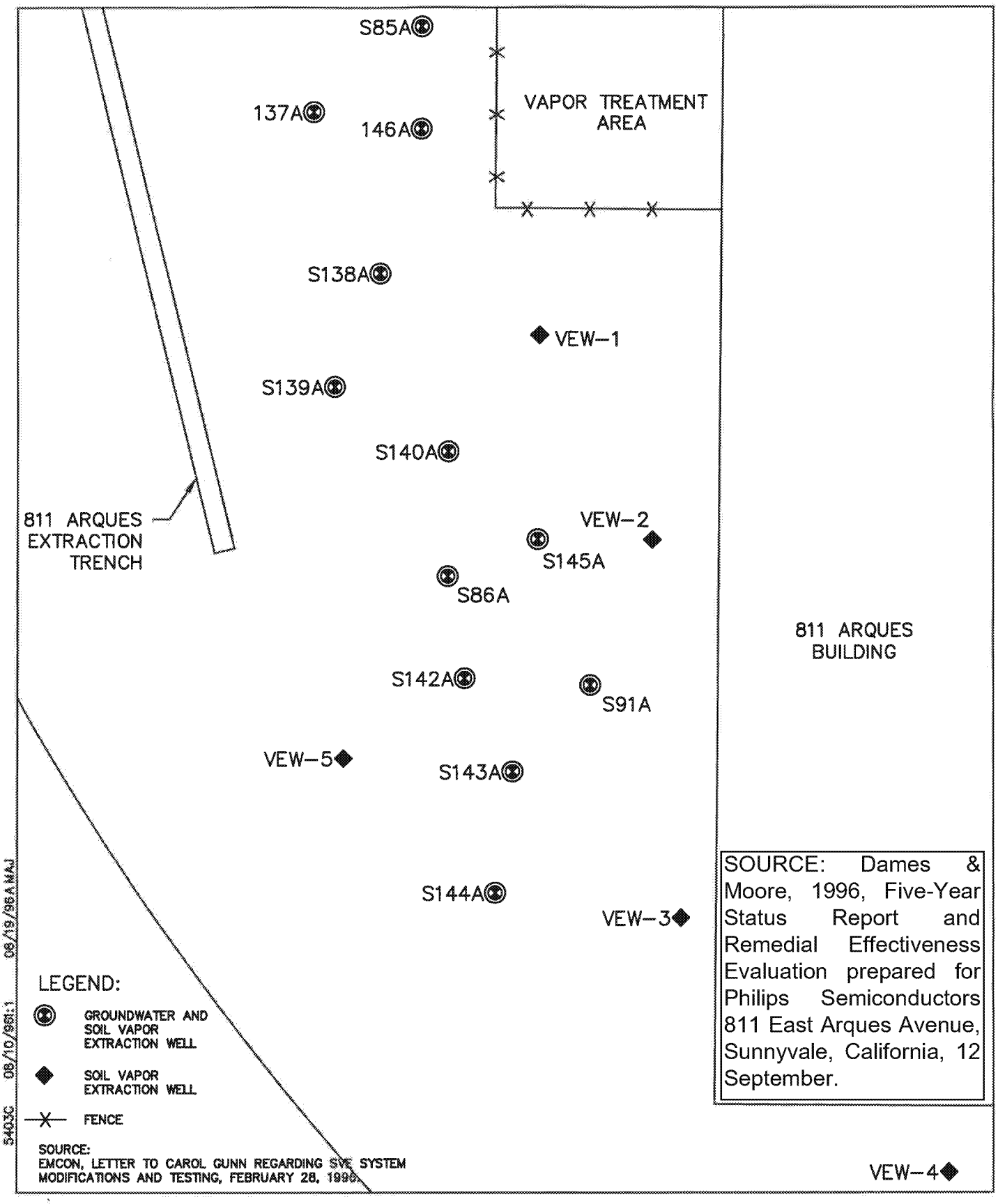
NORTH SIDE OF 811 ARQUES BUILDING
SOIL SAMPLE LOCATION MAP

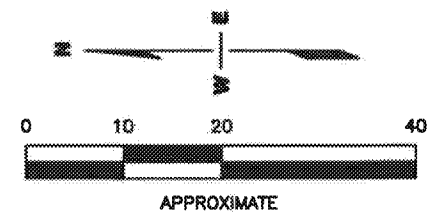
PROJECT NO.
377-02.68

SOURCE: EMCON, 1988. Historical Summary of Soil Investigations, Main Campus Facility, Sunnyvale, California, January 1988. Prepared for Signetics Corporation.

ED_013213_00000038-00144

FIGURE 10. SOIL VAPOR EXTRACTION WELL LOCATIONS IN 1996
SIGNETICS SITE
SUNNYVALE, CALIFORNIA





27796002\5403C

SOIL VAPOR EXTRACTION WELL LOCATIONS

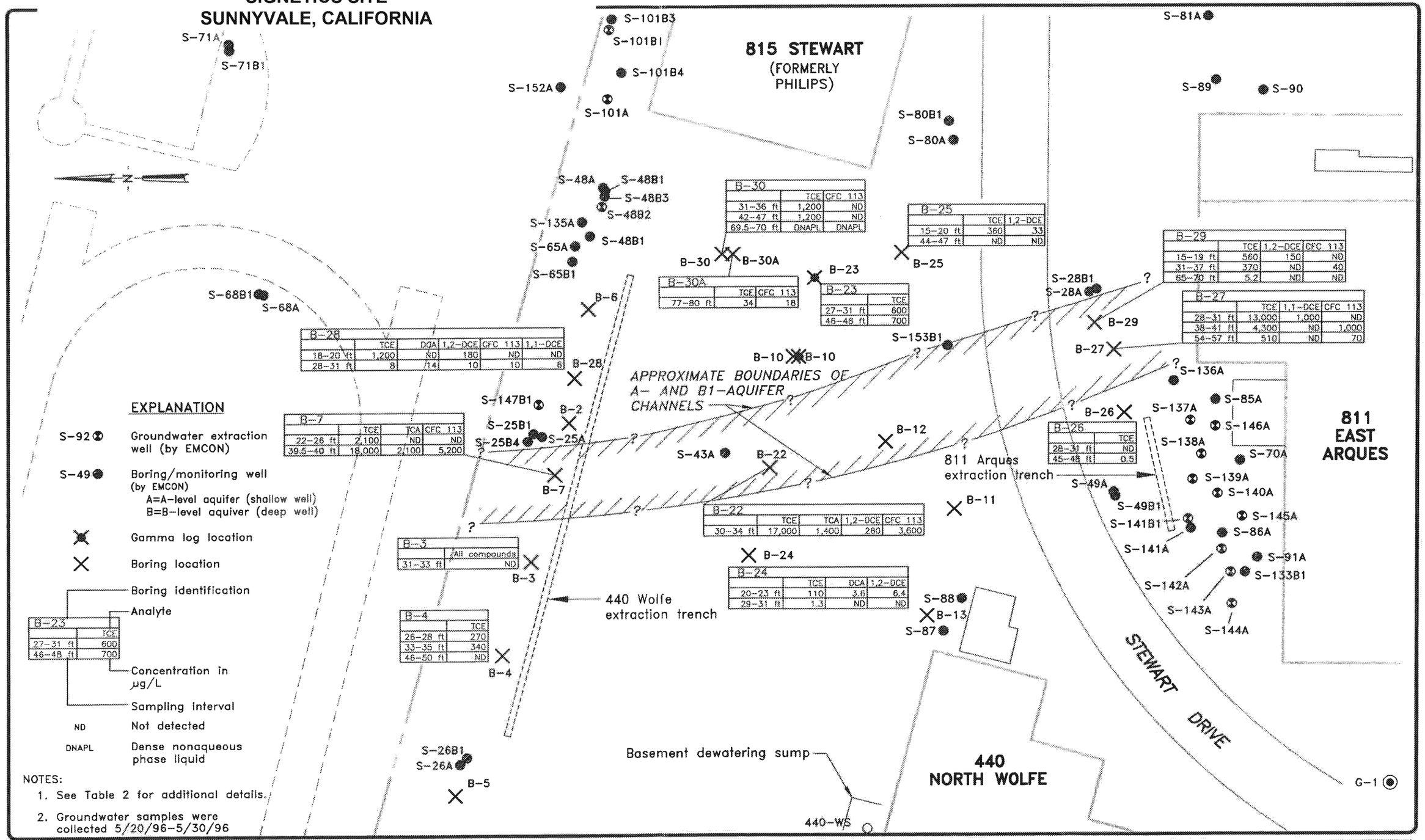
AUGUST 1996
27796-002-179

PHILIPS SEMICONDUCTORS
FIVE-YEAR STATUS REPORT AND
REMEDIAL EFFECTIVENESS REVIEW

SUNNYVALE, CALIFORNIA

DAMES & MOORE

FIGURE 11. BORING LOCATIONS FOR 1996 SOIL SAMPLING
SIGNETICS SITE
SUNNYVALE, CALIFORNIA



B-30		
	TCE	CFC 113
31-36 ft	1,200	ND
42-47 ft	1,200	ND
69.5-70 ft	DNAPL	DNAPL

B-30A		
	TCE	CFC 113
77-80 ft	34	18

B-25		
	TCE	1,2-DCE
15-20 ft	360	33
44-47 ft	ND	ND

B-23	
	TCE
27-31 ft	600
46-48 ft	700

B-29			
	TCE	1,2-DCE	CFC 113
15-19 ft	560	150	ND
31-37 ft	370	ND	40
65-70 ft	5.2	ND	ND

B-27			
	TCE	1,1-DCE	CFC 113
28-31 ft	13,000	1,000	ND
38-41 ft	4,300	ND	1,000
54-57 ft	510	ND	70

B-28					
	TCE	DCA	1,2-DCE	CFC 113	1,1-DCE
18-20 ft	1,200	ND	180	ND	ND
28-31 ft	8	14	10	10	6

B-7				
	TCE	TCA	CFC 113	
22-26 ft	2,100	ND	ND	
39.5-40 ft	18,000	2,100	5,200	

B-26	
	TCE
28-31 ft	ND
45-48 ft	0.5

B-22				
	TCE	TCA	1,2-DCE	CFC 113
30-34 ft	17,000	1,400	280	3,600

B-3	
	All compounds
31-33 ft	ND

B-24			
	TCE	DCA	1,2-DCE
20-23 ft	110	3.6	6.4
29-31 ft	1.3	ND	ND

B-4	
	TCE
26-28 ft	270
33-35 ft	340
46-50 ft	ND

SCALE: 0 60 120 FEET

PHILIPS SEMICONDUCTORS
SUBSURFACE INVESTIGATION REPORT
440 NORTH WOLFE ROAD AND 811 EAST ARQUES AVENUE FACILITIES
SUNNYVALE, CALIFORNIA

SITE PLAN WITH GROUNDWATER ANALYTICAL RESULTS

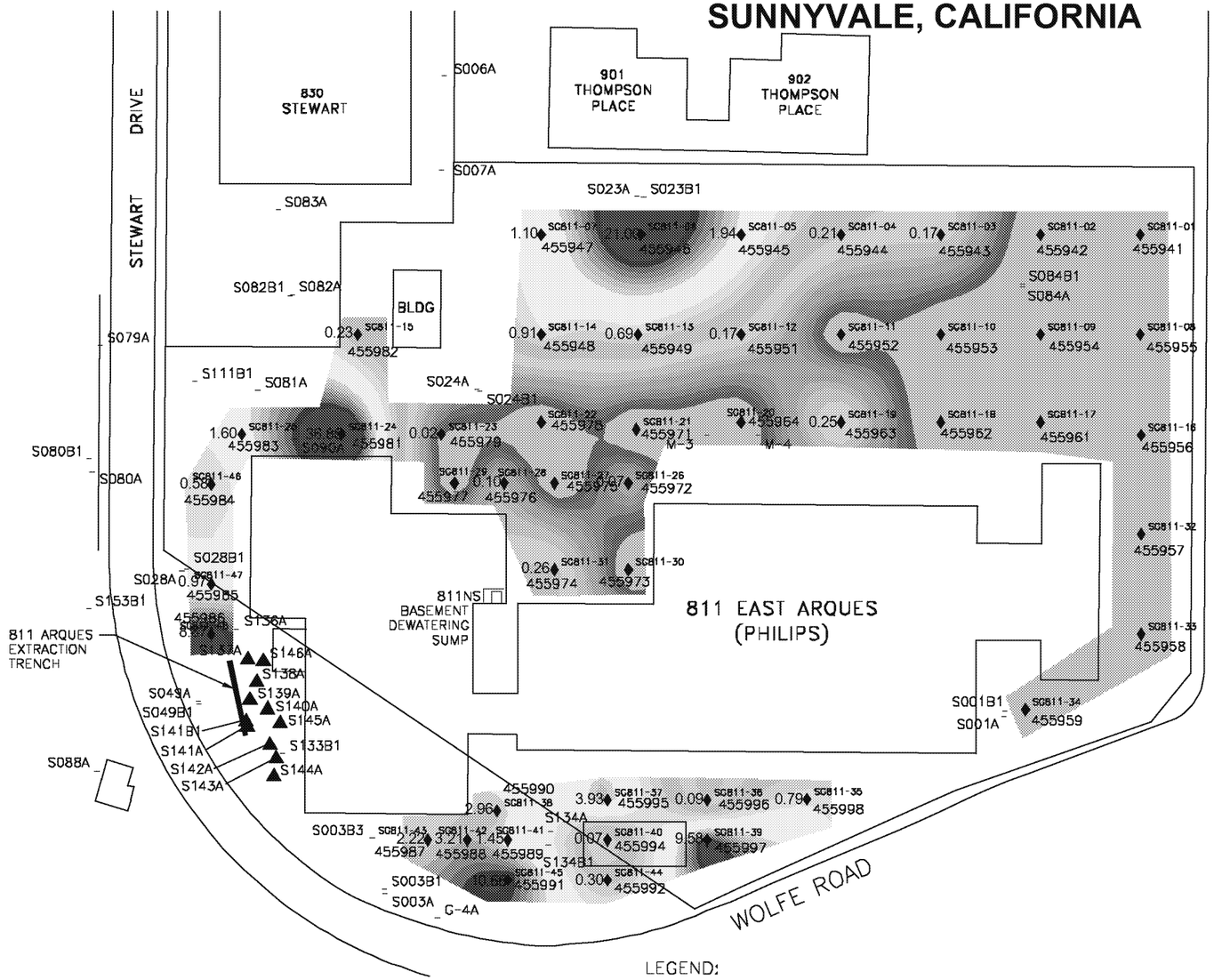
PROJECT NO. 377-021.12

SOURCE: EMCON, 1996, Subsurface Investigation Report, 440 North Wolfe Road and 811 East Arques Avenue Facilities, Philips Semiconductors, Sunnyvale, California, 5 September.

G:\3721\ANALYT REV 0 09/04/96 10:28:54 klt DJ

© 2004 W.L. GORE & ASSOCIATES

FIGURE 12. SOIL GAS SURVEY RESULTS FROM 2004
SIGNETICS SITE
SUNNYVALE, CALIFORNIA



36.813
25.278
17.358
11.919
8.185
5.620
3.859
2.650
1.820
1.250
0.858
0.589
0.405
0.278
0.191
0.131
0.090
0.062
0.042
0.029
0.020

TCE [µg]

LEGEND:

- MONITORING WELL
- EXTRACTION WELL
- PROPERTY BOUNDARY
- SOIL GAS SURVEY LOCATIONS

Scale 1:1620

100 0 100 200 300

feet

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GORE ™ Surveys for Environmental Site Assessment

W.L. GORE & ASSOCIATES, INC.
100 CHESAPEAKE BOULEVARD
ELKTON, MD, USA 21921
USA
(410) 392-7600

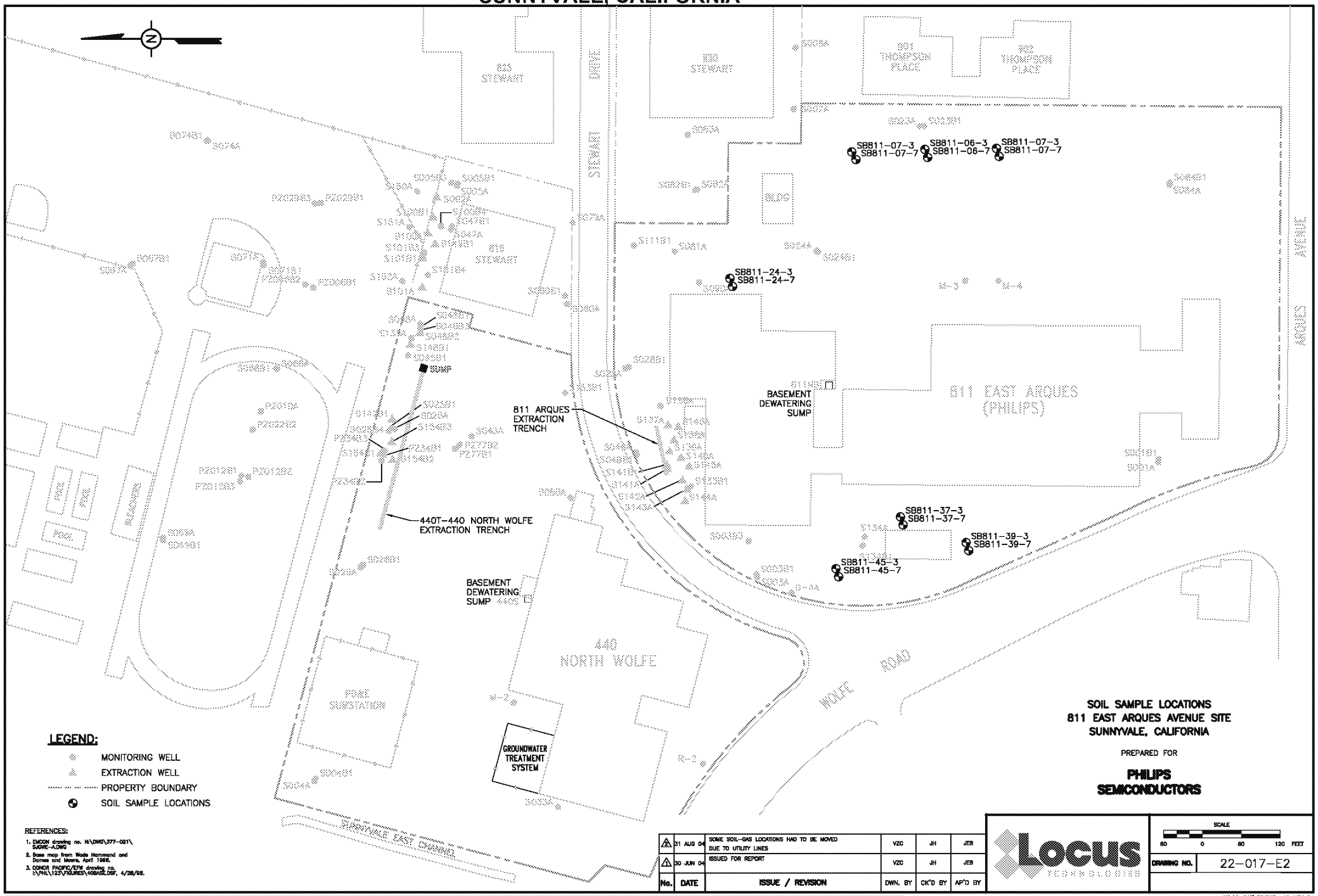
Creative Technologies Worldwide

Philips Semiconductors
811 Arques Avenue Site, Sunnyvale, CA
Trichloroethene

DATE DRAWN: 21 SEP 2004	DRAWN BY: JW	ORIG. CAD: EI-GORE.DWG	SITE CODE: CTT
REV. DATE:	REV. #:	PROJECT NUMBER: 11947380	

SOURCE: Locus Technologies, 2004, Soil-Gas and Soil Investigation, 811 East Arques Avenue, Sunnyvale, California, November.

FIGURE 13. SOIL SAMPLE LOCATIONS FROM 2004
SIGNETICS SITE
SUNNYVALE, CALIFORNIA



SOURCE: Locus Technologies, 2004, Soil-Gas and Soil Investigation, 811 East Arques Avenue, Sunnyvale, California, November.

TRIPLE SITE
OFFSITE OPERABLE UNIT

SIGNETICS SITE

AMD 901/
902 SITE

TRW SITE

825 STEWART
(FORMERLY TRW)

815
(FORMERLY
PHILIPS)

830
STEWART
(FORMERLY
PHILIPS)

811 ARQUES
(FORMERLY
PHILIPS)

440 WOLFE
(FORMERLY PHILIPS)

925
(AMD)

901
(AMD)

910

920

902
(AMD)

(FORMERLY
AMD)

570
BRITTON

TENNIS
COURTS

TRACK AND FIELD

BRITTON AVENUE

DRAINAGE CHANNEL

E. MAUDE
AVE.

SUNNYVALE EAST

NORTH WOLFE ROAD

STEWART DRIVE

THOMPSON PLACE

EAST ARQUES AVENUE

440 WOLFE
EXTRACTION TRENCH

811 ARQUES
EXTRACTION TRENCH

BASEMENT
DEWATERING
SUMP

10,000

1,000

100

5.0

5.0

?

S004A NS
S026A 0.921
S025A 100
4401 310
S048A
S135A 5.2*
S101A 67
S100A 63
S092A 66
S005A 140
S043A 8.9
M2 NS
440S 55
S033A 18
S088A 2.3J
S049A 160
811T 310
72,000 S141A
370 S143A
S144A 78
S142A 340
S145A 420
S136A 450
S137A ND 17
S146A 2,600
S138A 2,400
S139A 62
S140A 19,000
S028A 4.2*
S080A 290
S079A 47
37--S 33
T--7A 150
36--S 59
R2 NS
S003A 14
C4 NS
S134A 6.9
S021AR NS
S001A 4.1
S157A 23
S081A 8.0
S080A NS
S082A 69
S083A 57
S027A 55
S008A 0.250J
S007A 12
16--S ND 0.50
ND 5.0 X2R
22--S 43
ND 0.50 2B--MW
23--S 38J
28--S ND 0.50
27--S 53
28--S 17
15--S 14
S024A 13
38--S 39
T--9A 48
MW--T2S NS
T--2S8D NS
T--2S8S NS
T--18A 69
T--15A 99
T--1A NS
T--25A 51
T--18A NS
T--19A ND 0.50*
T--20A NS
T--14A 21
T--21A NS
T--17A 69
T--8A 75
T--24A NS
T--23A 59
T--22A NS
T--13A 29
S12A 44
S91A 13
S124A NS

LEGEND:

- ● MONITORING WELL
- ▲ EXTRACTION WELL
- △ PIEZOMETER
- ——— APPROXIMATE SIGNETICS SITE BOUNDARY

COLOR INDICATES WELL OWNER/SITE:

- ⊗ SIGNETICS SITE
- ⊗ AMD 901/902 SITE
- ⊗ TRW MICROWAVE SITE
- ⊗ AMD 915 SITE
- ⊗ TRIPLE SITE OFFSITE OPERABLE UNIT

72,000 TCE CONCENTRATION (µg/L)
ND 0.50 NOT DETECTED ABOVE THE NOTED REPORTING LIMIT
NS DENOTES WELL NOT SAMPLED
5.0 TCE ISOCONCENTRATION CONTOUR IN µg/L DASHED WHERE INFERRED
* NOT USED FOR CONTOURING

REFERENCES:

1. MONITORING WELL REPORT FOR LOCUS TECHNOLOGIES AT THE OOU AND ARQUES WELL SITES IN SUNNYVALE, CALIFORNIA DATED DECEMBER 20, 2018 AND PROVIDED BY CROSS LAND SURVEYING, INC.
2. LINEWORK FROM SANTA CLARA COUNTY INFORMATION SERVICES DEPARTMENT AND THE ASSESSORS OFFICE, COUNTYWIDE GIS MAP DATA AVAILABLE TO COUNTY DEPARTMENT, ITS PARTNERS AND THE PUBLIC AND THE CITY OF SUNNYVALE, CALIFORNIA GIS DATA, COPYRIGHT 2018.
3. SATELLITE IMAGERY U.S.G.S. EARTH EXPLORER™. THE ORTHOIMAGERY WAS EVALUATED BY THE U.S.G.S. AND MEETS THE NATIONAL MAP ACCURACY STANDARDS (95% CONFIDENCE). REPORT DATE JULY 24, 2015, COPYRIGHT 2018.
4. AMD 915 AND AMD 901/902 SITE CONTOURS ARE BASED ON PUBLISHED 2018 ANNUAL GROUNDWATER MONITORING REPORTS BY OTHERS.

'A' AQUIFER
TCE CONCENTRATION CONTOURS
OCTOBER 2018
SIGNETICS SITE
811 EAST ARQUES AVENUE
SUNNYVALE, CALIFORNIA

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
5	11 JAN 18	ADDED WELLS FROM SURVEY S6--S, S7--S, S6--D, S7--D, S6--DD, S7--DD	NJL	NJL	JWH
4	17 JAN 17	ADDED WELLS FROM SURVEY & SEALED WELLS/PIEZOMETERS: PZ010A, PZ012S1M, PZ012S2, PZ022S2, PZ012S3, S068A, S069A, S088S1, S089S1	AJK	NJL	JWH
3	26 JAN 07	ADDED WELLS 157A AND S157B1. DELETED SEALED WELLS S042A AND S042B1.	VZC	MMG	JWH
2	20 JAN 03	REMOVED SEALED WELLS S085A, S086A, S091A, G--3, A--8, G--1, G--5, M--1, S065A, S070A, S087A, and S089A.	JWH	JWH	JEB

Locus TECHNOLOGIES

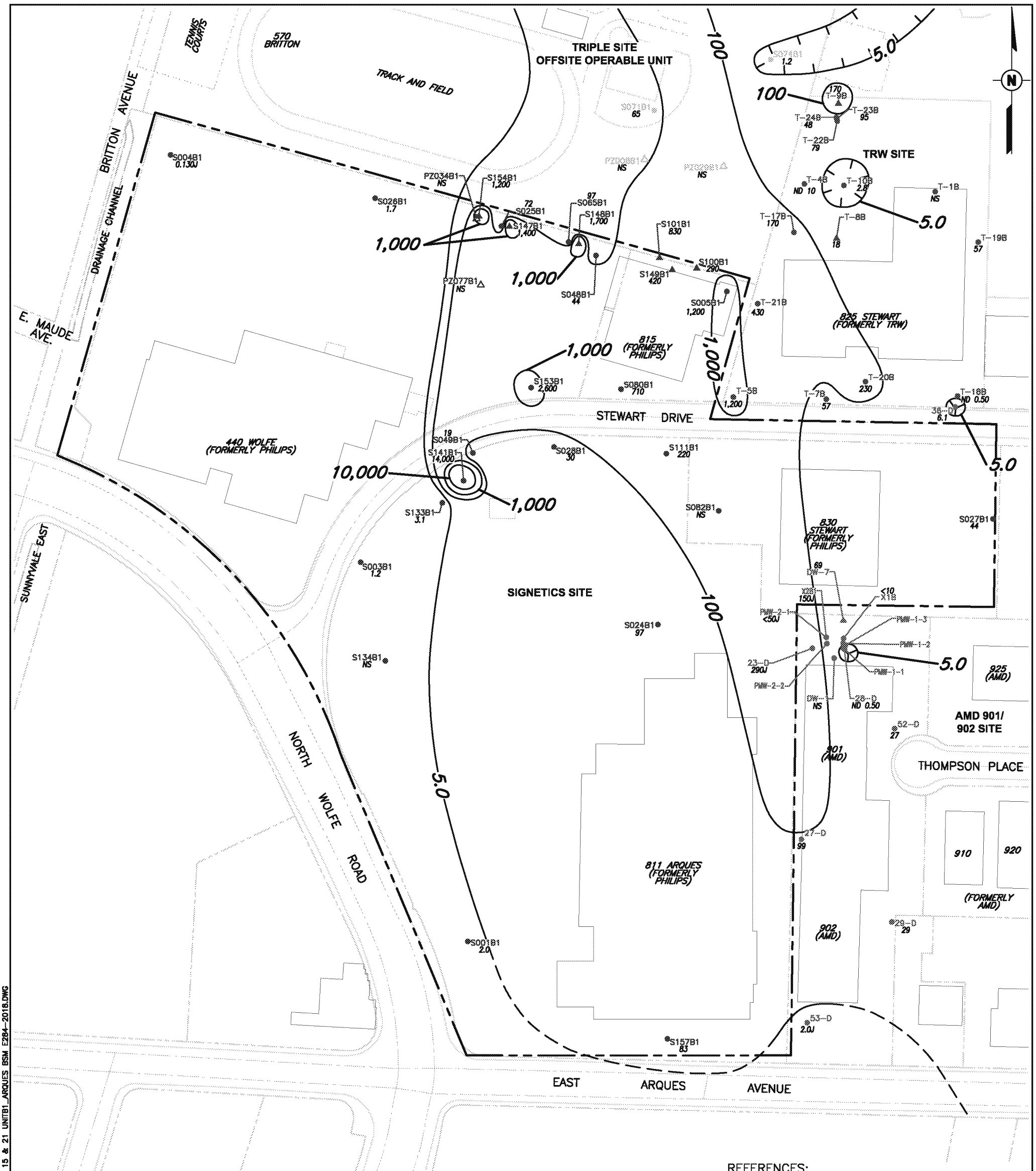
0 160 320
SCALE IN FEET

DRAWING NO. 27-006-E284

FIGURE 14

FILE NAME: Z:\LOCUS.TEC\PHILIPS SUNNYVALE\GW_MAPS\2018\GW_ARQUES SITE\DWGS – AQUIFER A\FIGURE 3, 14 & 20 UNITA_ARQ

ED_013213_00000038-00149



REFERENCES:

1. MONITORING WELL REPORT FOR LOCUS TECHNOLOGIES AT THE OOU AND ARQUES WELL SITES IN SUNNYVALE, CALIFORNIA DATED DECEMBER 20, 2018 AND PROVIDED BY CROSS LAND SURVEYING, INC.
2. LINEWORK FROM SANTA CLARA COUNTY INFORMATION SERVICES DEPARTMENT AND THE ASSESSORS OFFICE, COUNTYWIDE GIS MAP DATA AVAILABLE TO COUNTY DEPARTMENT, ITS PARTNERS AND THE PUBLIC AND THE CITY OF SUNNYVALE, CALIFORNIA GIS DATA, COPYRIGHT 2018.
3. SATELLITE IMAGERY U.S.G.S. EARTH EXPLORER™. THE ORTHOIMAGERY WAS EVALUATED BY THE U.S.G.S. AND MEETS THE NATIONAL MAP ACCURACY STANDARDS (95% CONFIDENCE). REPORT DATE JULY 24, 2015, COPYRIGHT 2018.
4. AMD 915 AND AMD 901/902 SITE CONTOURS ARE BASED ON PUBLISHED 2018 ANNUAL GROUNDWATER MONITORING REPORTS BY OTHERS.

LEGEND:

- ● MONITORING WELL
- ▲ EXTRACTION WELL
- △ PIEZOMETER
- APPROXIMATE SIGNETICS SITE BOUNDARY

COLOR INDICATES WELL OWNER/SITE:

- SIGNETICS SITE
- AMD 901/902 SITE
- TRW MICROWAVE SITE
- AMD 915 SITE
- TRIPLE SITE OFFSITE OPERABLE UNIT

- 0.27 TCE CONCENTRATION (µg/L)
- ND 0.50 NOT DETECTED ABOVE THE NOTED REPORTING LIMIT
- NS DENOTES WELL NOT SAMPLED
- 5.0 TCE ISOCONCENTRATION CONTOUR IN µg/L DASHED WHERE INFERRED
- NOT USED FOR CONTOURING

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
4	11 JAN 18	ADDED WELLS FROM SURVEY S6-S, S7-S, S6-D, S7-D, S6-DD, S7-DD	NJL	NJL	JWH
3	17 JAN 17	ADDED WELLS FROM SURVEY & SEALED WELLS/PIEZOMETERS: PZ010A, PZ012B1M, PZ01282, PZ02282, PZ01283, S068A, S069A, S068B1, S069B1	AJK	NJL	JWH
2	26 JAN 07	ADDED WELLS 157A AND S157B1. DELETED SEALED WELLS S042A AND S042B1.	VZC	MMG	JWH
1	20 JAN 03	REMOVED SEALED WELLS S085A, S086A, S091A, C-3, A-8, C-1, C-8, M-1, S065A, S070A, S087A, and S089A.	JWH	JWH	JEB

LOCUS TECHNOLOGIES

0 160 320
SCALE IN FEET

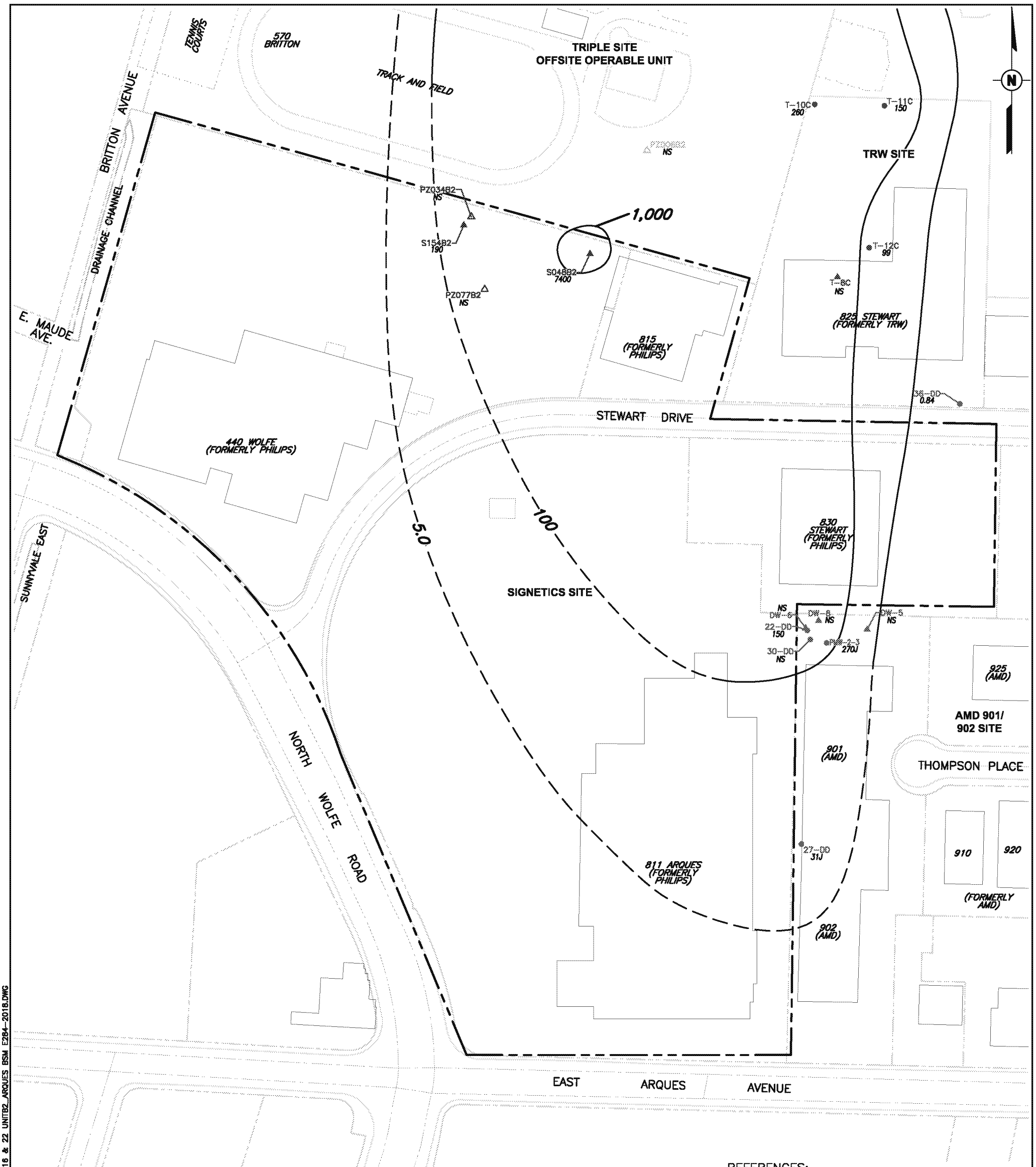
DRAWING NO. 27-006-E284

FIGURE 15

'B1' AQUIFER
TCE CONCENTRATION CONTOURS
OCTOBER 2018
SIGNETICS SITE
811 EAST ARQUES AVENUE
SUNNYVALE, CALIFORNIA

FILE NAME: Z:\LOCUS.TEC\PHILIPS SUNNYVALE\GW_MAPS\2018\GW_ARQUES SITE\DWGS – AQUIFER B1\FIGURE 4, 15 & 21 UNITB1_ARQUES BSM E284–2018.DWG

ED_013213_00000038-00150



REFERENCES:

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2. LINEWORK FROM SANTA CLARA COUNTY INFORMATION SERVICES DEPARTMENT AND THE ASSESSORS OFFICE, COUNTYWIDE GIS MAP DATA AVAILABLE TO COUNTY DEPARTMENT, ITS PARTNERS AND THE PUBLIC AND THE CITY OF SUNNYVALE, CALIFORNIA GIS DATA, COPYRIGHT 2018.
3. SATELLITE IMAGERY U.S.G.S. EARTH EXPLORER™. THE ORTHOIMAGERY WAS EVALUATED BY THE U.S.G.S. AND MEETS THE NATIONAL MAP ACCURACY STANDARDS (95% CONFIDENCE). REPORT DATE JULY 24, 2015, COPYRIGHT 2018.

LEGEND:

- ● MONITORING WELL
- ▲ EXTRACTION WELL
- △ PIEZOMETER
- APPROXIMATE SIGNETICS SITE BOUNDARY

COLOR INDICATES WELL OWNER/SITE:

- SIGNETICS SITE
- AMD 901/902 SITE
- TRW MICROWAVE SITE
- AMD 915 SITE
- TRIPLE SITE OFFSITE OPERABLE UNIT

- 7,400 TCE CONCENTRATION (µg/L)
- ND 0.50 NOT DETECTED ABOVE THE NOTED REPORTING LIMIT
- NS DENOTES WELL NOT SAMPLED
- 5.0 TCE ISOCONCENTRATION CONTOUR IN µg/L DASHED WHERE INFERRED
- ✱ NOT USED FOR CONTOURING

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
6	11 JAN 18	ADDED WELLS FROM SURVEY 56-S, 57-S, 56-D, 57-D, 56-DD, 57-DD	NJL	NJL	JWH
5	17 JAN 17	ADDED WELLS FROM SURVEY & SEALED WELLS/PIEZOMETERS: PZ010A, PZ012B1M, PZ012B2, PZ022B2, PZ012B3, S068A, S068A, S068B1, S068B1	AJK	NJL	JWH
4	26 JAN 07	ADDED WELLS 157A AND S157B1. DELETED SEALED WELLS S042A AND S042B1.	VZC	MMG	JWH
3	20 JAN 03	REMOVED SEALED WELLS S085A, S086A, S091A, C-3, A-8, C-1, C-8, M-1, S065A, S070A, S087A, and S089A.	JWH	JWH	JEB

LOCUS TECHNOLOGIES

0 160 320
SCALE IN FEET

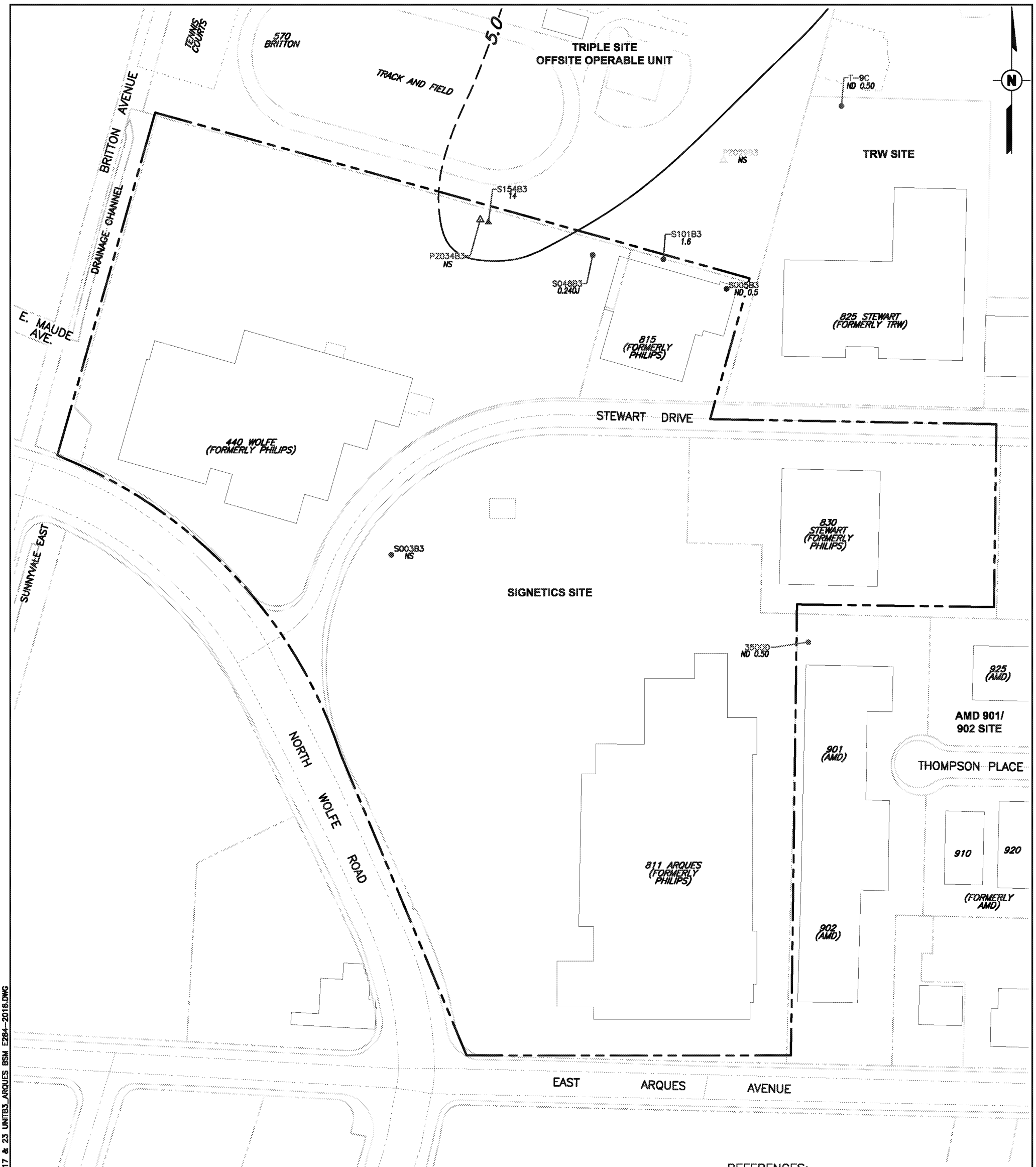
DRAWING NO. 27-006-E284

FIGURE 16

'B2' AQUIFER
TCE CONCENTRATION CONTOURS
OCTOBER 2018
SIGNETICS SITE
811 EAST ARQUES AVENUE
SUNNYVALE, CALIFORNIA

FILE NAME: Z:\LOCUS.TEC\PHILIPS SUNNYVALE\GW_MAPS\2018\GW_ARQUES SITE\DWGS - AQUIFER B2\FIGURE 5, 16 & 22 UNITB2_ARQUES BSM E284-2018.DWG

ED_013213_00000038-00151



LEGEND:

- ● MONITORING WELL
- ▲ EXTRACTION WELL
- △ PIEZOMETER
- APPROXIMATE SIGNETICS SITE BOUNDARY

COLOR INDICATES WELL OWNER/SITE:

- ⊗ SIGNETICS SITE
- ⊗ AMD 901/902 SITE
- ⊗ TRW MICROWAVE SITE
- ⊗ AMD 915 SITE
- ⊗ TRIPLE SITE OFFSITE OPERABLE UNIT
- *410* TCE CONCENTRATION (µg/L)
- *ND 0.50* NOT DETECTED ABOVE THE NOTED REPORTING LIMIT
- *NS* DENOTES WELL NOT SAMPLED
- *5.0* TCE ISOCONCENTRATION CONTOUR IN µg/L DASHED WHERE INFERRED

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
4	11 JAN 18	ADDED WELLS FROM SURVEY 56-S, 57-S, 56-D, 57-D, 56-DD, 57-DD	NJL	NJL	JWH
3	17 JAN 17	ADDED WELLS FROM SURVEY & SEALED WELLS/PIEZOMETERS: PZ010A, PZ012B1M, PZ012B2, PZ022B2, PZ012B3, S088A, S089A, S088B1, S088B1	AJK	NJL	JWH
2	26 JAN 07	ADDED WELLS 157A AND S157B1. DELETED SEALED WELLS S042A AND S042B1.	VZC	MMG	JWH
1	20 JAN 03	REMOVED SEALED WELLS S085A, S086A, S091A, G-3, A-8, G-1, G-5, M-1, S085A, S070A, S087A, and S089A.	JWH	JWH	JEB

REFERENCES:

1. MONITORING WELL REPORT FOR LOCUS TECHNOLOGIES AT THE OOU AND ARQUES WELL SITES IN SUNNYVALE, CALIFORNIA DATED DECEMBER 20, 2018 AND PROVIDED BY CROSS LAND SURVEYING, INC.
2. LINEWORK FROM SANTA CLARA COUNTY INFORMATION SERVICES DEPARTMENT AND THE ASSESSORS OFFICE, COUNTYWIDE GIS MAP DATA AVAILABLE TO COUNTY DEPARTMENT, ITS PARTNERS AND THE PUBLIC AND THE CITY OF SUNNYVALE, CALIFORNIA GIS DATA, COPYRIGHT 2018.
3. SATELLITE IMAGERY U.S.G.S. EARTH EXPLORER™. THE ORTHOIMAGERY WAS EVALUATED BY THE U.S.G.S. AND MEETS THE NATIONAL MAP ACCURACY STANDARDS (95% CONFIDENCE). REPORT DATE JULY 24, 2015, COPYRIGHT 2018.

'B3' AQUIFER
TCE CONCENTRATION CONTOURS
OCTOBER 2018
SIGNETICS SITE
811 EAST ARQUES AVENUE
SUNNYVALE, CALIFORNIA

LOCUS TECHNOLOGIES

0 160 320
SCALE IN FEET

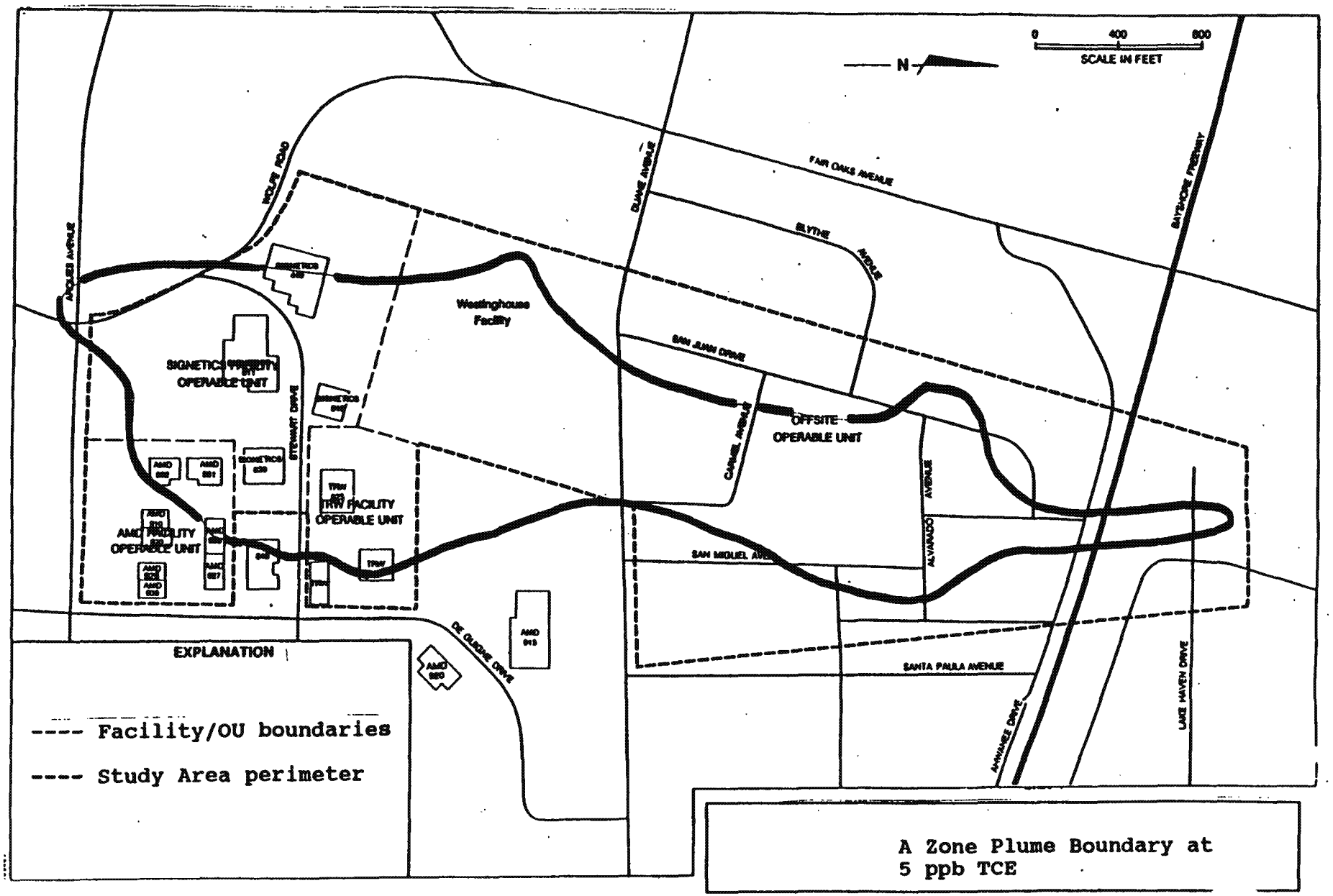
DRAWING NO. 27-006-E284

FIGURE 17

FILE NAME: Z:\LOCUS.TEC\PHILIPS SUNNYVALE\GW_MAPS\2018\GW_ARQUES SITE\DWGS - AQUIFER B3\FIGURE 6, 17 & 23 UNITB3_ARQUES BSM E284-2018.DWG

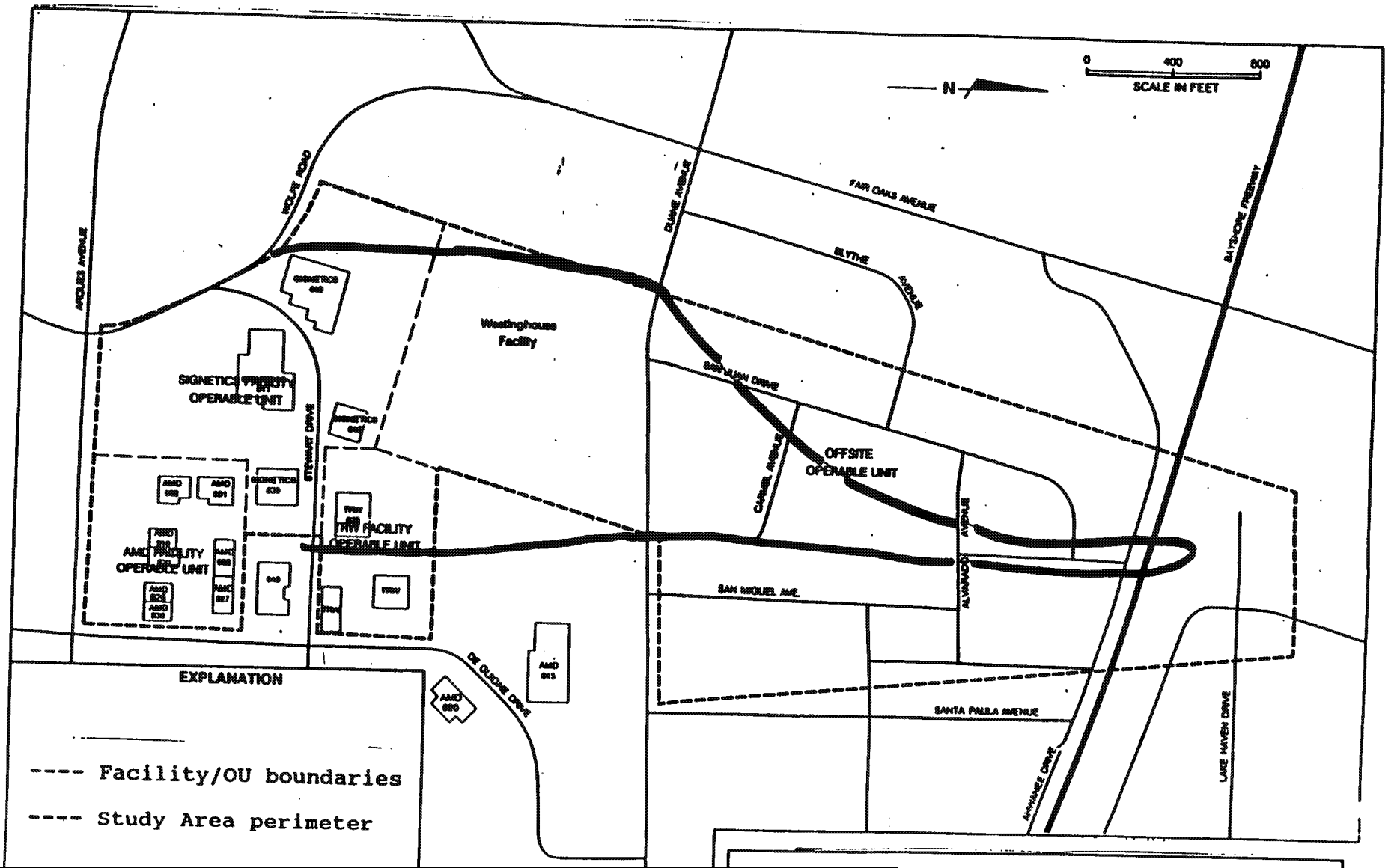
ED_013213_00000038-00152

FIGURE 18. A ZONE TCE CONCENTRATION CONTOUR AT TIME OF 1991 ROD
SIGNETICS SITE
SUNNYVALE, CALIFORNIA



SOURCE: Environmental Protection Agency, 1991, EPA Superfund Record of Decision: Signetics (Advanced Micro Devices 901) (TRW Microwave), CA, First Remedial Action - Final. EPA Office of Emergency and Remedial Response, September. EPA/ROD/R09-91/074

FIGURE 19. B ZONE TCE CONCENTRATION CONTOUR AT TIME OF 1991 ROD
SIGNETICS SITE
SUNNYVALE, CALIFORNIA



SOURCE: Environmental Protection Agency, 1991, EPA Superfund Record of Decision: Signetics (Advanced Micro Devices 901) (TRW Microwave), CA, First Remedial Action - Final. EPA Office of Emergency and Remedial Response, September. EPA/ROD/ R09-91/074

ED_013213_00000038-00154

TRIPLE SITE
OFFSITE OPERABLE UNIT

TRW SITE

SIGNETICS SITE

825 STEWART (FORMERLY TRW)

815 (FORMERLY PHILIPS)

830 STEWART (FORMERLY PHILIPS)

925 (AMD)

910

920

902 (AMD)

811 ARQUES (FORMERLY PHILIPS)

440 WOLFE (FORMERLY PHILIPS)

440 WOLFE EXTRACTION TRENCH

811 ARQUES EXTRACTION TRENCH

BASEMENT DEWATERING SUMP

TRACK AND FIELD

TENNIS COURTS

BRITTON AVENUE

DRAINAGE CHANNEL

E. MAUDE AVE.

STEWART DRIVE

NORTH WOLFE ROAD

SUNNYVALE EAST

EAST ARQUES AVENUE

Signetics hydraulic gradient = 0.007 ft/ft [(40−37)/429]

REFERENCES:

1. MONITORING WELL REPORT FOR LOCUS TECHNOLOGIES AT THE OOU AND ARQUES WELL SITES IN SUNNYVALE, CALIFORNIA DATED DECEMBER 20, 2018 AND PROVIDED BY CROSS LAND SURVEYING, INC.
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4. REFER TO REPORT TABLE 7 FOR DERIVATION OF CAPTURE ZONES.

LEGEND:

- MONITORING WELL
- EXTRACTION WELL
- PIEZOMETER
- APPROXIMATE SIGNETICS SITE BOUNDARY

COLOR INDICATES WELL OWNER/SITE:

- SIGNETICS SITE
- AMD 901/902 SITE
- TRW MICROWAVE SITE
- AMD 915 SITE
- TRIPLE SITE OFFSITE OPERABLE UNIT

- 44.26 GROUNDWATER ELEVATION IN FEET (FT. MSL, NAVD88)
- X3* GROUNDWATER ELEVATION NOT USED IN CONTOURING
- NM DENOTES WELL NOT MEASURED
- 44 GROUNDWATER ELEVATION CONTOUR IN FEET MSL, DASHED WHERE INFERRED
- GROUNDWATER FLOW DIRECTION
- TCE ISOCONCENTRATION CONTOUR IN µg/L DASHED WHERE INFERRED
- CAPTURE ZONE CONTOUR

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
5	11 JAN 18	ADDED WELLS FROM SURVEY 56-S, 57-S, 56-D, 57-D, 56-DD, 57-DD	NJL	NJL	JWH
4	17 JAN 17	ADDED WELLS FROM SURVEY & SEALED WELLS/PIEZOMETERS: PZ010A, PZ012S1M, PZ012S2, PZ022S2, PZ012S3, S088A, S089A, S088B1, S089B1	AJK	NJL	JWH
3	26 JAN 07	ADDED WELLS 157A AND S157B1. DELETED SEALED WELLS S042A AND S042B1.	VZC	MMG	JWH
2	20 JAN 03	REMOVED SEALED WELLS S085A, S086A, S091A, G-3, A-6, G-1, G-5, M-1, S065A, S070A, S087A, and S089A.	JWH	JWH	JEB

Locus TECHNOLOGIES

0 160 320
SCALE IN FEET

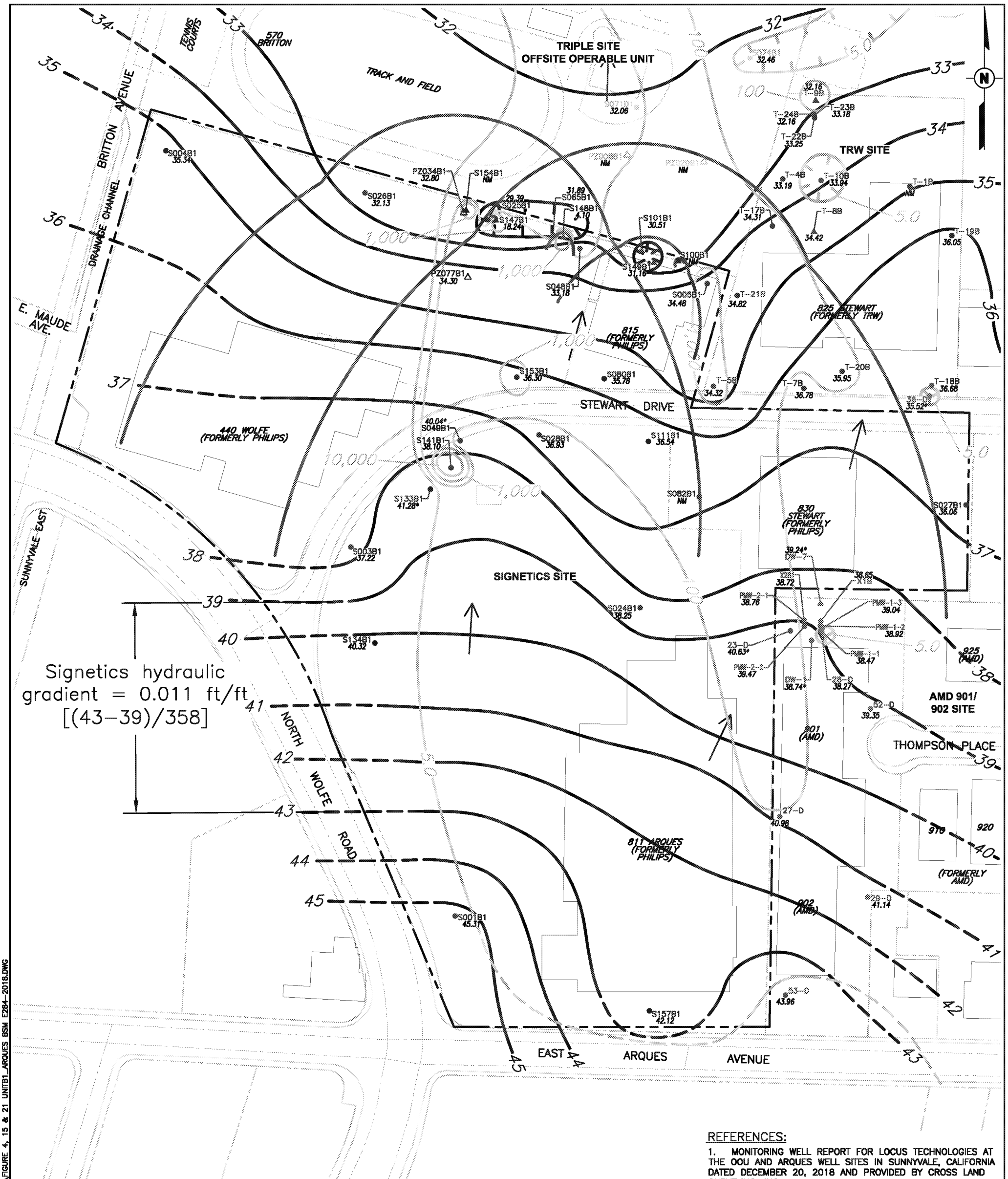
DRAWING NO. 27-006-E284

FIGURE 20

'A' AQUIFER CAPTURE ZONE
AND TCE CONCENTRATION CONTOURS
OCTOBER 2018
SIGNETICS SITE
811 EAST ARQUES AVENUE
SUNNYVALE, CALIFORNIA

FILE NAME: Z:\LOCUS.TEC\PHILIPS SUNNYVALE\GW_MAPS\2018\GW_ARQUES SITE\DWGS – AQUIFER A\FIGURE 3, 14 & 20 UNITA_ARQUES BSM E284-2018.DWG

ED_013213_00000038-00155



Signetics hydraulic gradient = 0.011 ft/ft [(43−39)/358]

LEGEND:

- ● MONITORING WELL
- ▲ EXTRACTION WELL
- △ PIEZOMETER
- APPROXIMATE SIGNETICS SITE BOUNDARY

COLOR INDICATES WELL OWNER/SITE:

- SIGNETICS SITE
- AMD 901/902 SITE
- TRW MICROWAVE SITE
- AMD 915 SITE
- TRIPLE SITE OFFSITE OPERABLE UNIT

- 42.12 GROUNDWATER ELEVATION IN FEET (FT. MSL, NAVD88)
- J33* GROUNDWATER ELEVATION NOT USED IN CONTOURING
- NM DENOTES WELL NOT MEASURED
- 45 GROUNDWATER ELEVATION CONTOUR IN FEET MSL, DASHED WHERE INFERRED
- GROUNDWATER FLOW DIRECTION
- TCE ISOCONCENTRATION CONTOUR IN µg/L DASHED WHERE INFERRED
- CAPTURE ZONE CONTOUR

REFERENCES:

1. MONITORING WELL REPORT FOR LOCUS TECHNOLOGIES AT THE OOU AND ARQUES WELL SITES IN SUNNYVALE, CALIFORNIA DATED DECEMBER 20, 2018 AND PROVIDED BY CROSS LAND SURVEYING, INC.
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4. REFER TO REPORT TABLE 7 FOR DERIVATION OF CAPTURE ZONES.

'B1' AQUIFER CAPTURE ZONE AND TCE CONCENTRATION CONTOURS OCTOBER 2018 SIGNETICS SITE 811 EAST ARQUES AVENUE SUNNYVALE, CALIFORNIA

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
4	11 JAN 18	ADDED WELLS FROM SURVEY S6−S, S7−S, S6−D, S7−D, S6−DD, S7−DD	NJL	NJL	JWH
3	17 JAN 17	ADDED WELLS FROM SURVEY & SEALED WELLS/PIEZOMETERS: PZ010A, PZ012B1M, PZ012B2, PZ022B2, PZ012B3, S068A, S069A, S068B1, S069B1	AJK	NJL	JWH
2	26 JAN 07	ADDED WELLS 157A AND S157B1. DELETED SEALED WELLS S042A AND S042B1.	VZC	MMG	JWH
1	20 JAN 03	REMOVED SEALED WELLS S085A, S086A, S091A, C−3, A−6, C−1, C−5, M−1, S065A, S070A, S087A, and S089A.	JWH	JWH	JEB

LOCUS TECHNOLOGIES

0 160 320
SCALE IN FEET

DRAWING NO. 27-006-E284

FIGURE 21

FILE NAME: Z:\LOCUS.TEC\PHILIPS SUNNYVALE\GW_MAPS\2018\GW_ARQUES SITE\DWGS – AQUIFER B1\FIGURE 4, 15 & 21 UNITB1_ARQUES BSM E284−2018.DWG

ED_013213_00000038-00156

TRIPLE SITE
OFFSITE OPERABLE UNIT

570 BRITTON

TENNIS COURTS

TRACK AND FIELD

BRITTON AVENUE

DRAINAGE CHANNEL

E. MAUDE AVE.

SUNNYVALE EAST

PZ034B2 29.47

S154B2 20.67

S042B2 27.43

PZ077B2 33.84

T-10C 32.25

T-11C 32.90

PZ102B2 NM

TRW SITE

T-12C 35.65

T-8C NM

825 STEWART (FORMERLY TRW)

815 (FORMERLY PHILIPS)

36-DD 36.57

STEWART DRIVE

440 WOLFE (FORMERLY PHILIPS)

830 STEWART (FORMERLY PHILIPS)

SIGNETICS SITE

DW-6 NM

DW-8 NM

DW-5 NM

22-DD 40.69

30-DD 36.78

PW-2-3

925 (AMD)

AMD 901/ 902 SITE

901 (AMD)

THOMPSON PLACE

910

920

(FORMERLY AMD)

27-DD 43.38

811 ARQUES (FORMERLY PHILIPS)

902 (AMD)

NORTH WOLFE ROAD

EAST ARQUES AVENUE

34

36

38

40

42

Signetics hydraulic gradient = 0.010 ft/ft [(42−34)/805]

N

LEGEND:

- ● MONITORING WELL
- ▲ EXTRACTION WELL
- △ PIEZOMETER
- APPROXIMATE SIGNETICS SITE BOUNDARY

COLOR INDICATES WELL OWNER/SITE:

- SIGNETICS SITE
- AMD 901/902 SITE
- TRW MICROWAVE SITE
- AMD 915 SITE
- TRIPLE SITE OFFSITE OPERABLE UNIT

- 43.38 GROUNDWATER ELEVATION IN FEET (FT. MSL, NAVD88)
- 33* GROUNDWATER ELEVATION NOT USED IN CONTOURING
- NM DENOTES WELL NOT MEASURED
- 42 GROUNDWATER ELEVATION CONTOUR IN FEET MSL, DASHED WHERE INFERRED
- GROUNDWATER FLOW DIRECTION
- TCE ISOCONCENTRATION CONTOUR IN µg/L DASHED WHERE INFERRED
- CAPTURE ZONE CONTOUR

REFERENCES:

1. MONITORING WELL REPORT FOR LOCUS TECHNOLOGIES AT THE OOU AND ARQUES WELL SITES IN SUNNYVALE, CALIFORNIA DATED DECEMBER 20, 2018 AND PROVIDED BY CROSS LAND SURVEYING, INC.
2. LINEWORK FROM SANTA CLARA COUNTY INFORMATION SERVICES DEPARTMENT AND THE ASSESSORS OFFICE, COUNTYWIDE GIS MAP DATA AVAILABLE TO COUNTY DEPARTMENT, ITS PARTNERS AND THE PUBLIC AND THE CITY OF SUNNYVALE, CALIFORNIA GIS DATA, COPYRIGHT 2018.
3. SATELLITE IMAGERY U.S.G.S. EARTH EXPLORER™. THE ORTHOIMAGERY WAS EVALUATED BY THE U.S.G.S. AND MEETS THE NATIONAL MAP ACCURACY STANDARDS (95% CONFIDENCE). REPORT DATE JULY 24, 2015, COPYRIGHT 2018.
4. REFER TO REPORT TABLE 7 FOR DERIVATION OF CAPTURE ZONES.

'B2' AQUIFER CAPTURE ZONE
AND TCE CONCENTRATION CONTOURS
OCTOBER 2018
SIGNETICS SITE
811 EAST ARQUES AVENUE
SUNNYVALE, CALIFORNIA

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
6	11 JAN 18	ADDED WELLS FROM SURVEY 56-S, 57-S, 56-D, 57-D, 56-DD, 57-DD	NJL	NJL	JWH
5	17 JAN 17	ADDED WELLS FROM SURVEY & SEALED WELLS/PIEZOMETERS: PZ010A, PZ012B1M, PZ012B2, PZ022B2, PZ012B3, S088A, S089A, S088B1, S088B1	AJK	NJL	JWH
4	26 JAN 07	ADDED WELLS 157A AND S157B1. DELETED SEALED WELLS S042A AND S042B1.	VZC	MMG	JWH
3	20 JAN 03	REMOVED SEALED WELLS S085A, S086A, S091A, C-3, A-6, C-1, C-5, M-1, S065A, S070A, S087A, and S089A.	JWH	JWH	JEB

LOCUS TECHNOLOGIES

0 160 320
SCALE IN FEET

DRAWING NO. 27-006-E284

FIGURE 22

FILE NAME: Z:\LOCUS.TEC\PHILIPS SUNNYVALE\GW_MAPS\2018\GW_ARQUES SITE\DWGS - AQUIFER B2\FIGURE 5, 16 & 22 UNITB2_ARQUES BSM E284-2018.DWG

ED_013213_00000038-00157

Signetics hydraulic gradient = 0.011 ft/ft [(46−40)/567]

BRITTON AVENUE
DRAINAGE CHANNEL
TENNIS COURTS
570 BRITTON
TRACK AND FIELD
TRIPLE SITE OFFSITE OPERABLE UNIT
TRW SITE
T−9C 32.92
NM
S154B3 40.75
PZ034B3 40.73
S101B3 39.46
S048B3 42.44
S005B3 42.36
825 STEWART (FORMERLY TRW)
815 (FORMERLY PHILIPS)
STEWART DRIVE
440 WOLFE (FORMERLY PHILIPS)
S003B3 46.56
SIGNETICS SITE
836 STEWART (FORMERLY PHILIPS)
925 (AMD)
AMD 901/ 902 SITE
901 (AMD)
THOMPSON PLACE
910
920
(FORMERLY AMD)
902 (AMD)
811 ARQUES (FORMERLY PHILIPS)
SUNNYVALE EAST
NORTH WOLFE ROAD
EAST ARQUES AVENUE
36
34
38
40
42
44
46

REFERENCES:

1. MONITORING WELL REPORT FOR LOCUS TECHNOLOGIES AT THE OOU AND ARQUES WELL SITES IN SUNNYVALE, CALIFORNIA DATED DECEMBER 20, 2018 AND PROVIDED BY CROSS LAND SURVEYING, INC.
2. LINEWORK FROM SANTA CLARA COUNTY INFORMATION SERVICES DEPARTMENT AND THE ASSESSORS OFFICE, COUNTYWIDE GIS MAP DATA AVAILABLE TO COUNTY DEPARTMENT, ITS PARTNERS AND THE PUBLIC AND THE CITY OF SUNNYVALE, CALIFORNIA GIS DATA, COPYRIGHT 2018.
3. SATELLITE IMAGERY U.S.G.S. EARTH EXPLORER™. THE ORTHOIMAGERY WAS EVALUATED BY THE U.S.G.S. AND MEETS THE NATIONAL MAP ACCURACY STANDARDS (95% CONFIDENCE). REPORT DATE JULY 24, 2015, COPYRIGHT 2018.
4. REFER TO REPORT TABLE 7 FOR DERIVATION OF CAPTURE ZONES.

LEGEND:

- MONITORING WELL
- EXTRACTION WELL
- PIEZOMETER
- APPROXIMATE SIGNETICS SITE BOUNDARY

COLOR INDICATES WELL OWNER/SITE:

- SIGNETICS SITE
- AMD 901/902 SITE
- TRW MICROWAVE SITE
- AMD 915 SITE
- TRIPLE SITE OFFSITE OPERABLE UNIT
- 42.80 GROUNDWATER ELEVATION IN FEET (FT. MSL, NAVD88)
- X3* GROUNDWATER ELEVATION NOT USED IN CONTOURING
- NM DENOTES WELL NOT MEASURED
- 42 GROUNDWATER ELEVATION CONTOUR IN FEET MSL, DASHED WHERE INFERRED
- GROUNDWATER FLOW DIRECTION
- 500 TCE ISOCONCENTRATION CONTOUR IN µg/L DASHED WHERE INFERRED
- CAPTURE ZONE CONTOUR

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
4	11 JAN 18	ADDED WELLS FROM SURVEY S6−S, S7−S, S6−D, S7−D, S6−DD, S7−DD	NJL	NJL	JWH
3	17 JAN 17	ADDED WELLS FROM SURVEY & SEALED WELLS/PIEZOMETERS: PZ010A, PZ012S1M, PZ012S2, PZ022S2, PZ012S3, S068A, S069A, S068S1, S069S1	AJK	NJL	JWH
2	26 JAN 07	ADDED WELLS 157A AND S157B1. DELETED SEALED WELLS S042A AND S042B1.	VZC	MMG	JWH
1	20 JAN 03	REMOVED SEALED WELLS S085A, S086A, S091A, C−3, A−8, C−1, C−8, M−1, S065A, S070A, S087A, and S089A.	JWH	JWH	JEB

LOCUS TECHNOLOGIES

0 160 320
SCALE IN FEET

DRAWING NO. 27-006-E284

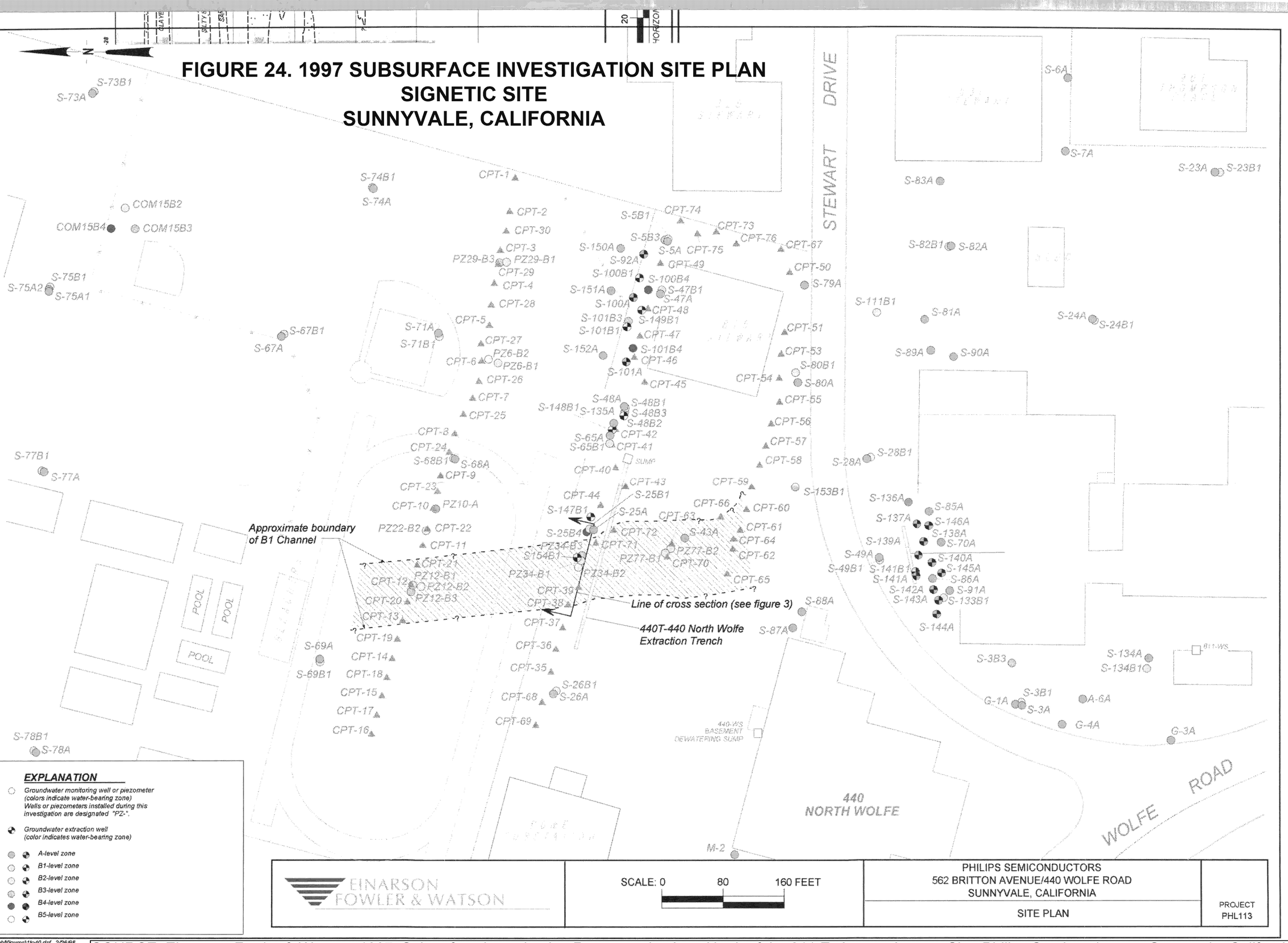
FIGURE 23

'B3' AQUIFER CAPTURE ZONE AND TCE CONCENTRATION CONTOURS OCTOBER 2018 SIGNETICS SITE 811 EAST ARQUES AVENUE SUNNYVALE, CALIFORNIA

FILE NAME: Z:\LOCUS.TEC\PHILIPS SUNNYVALE\GW_MAPS\2018\GW_ARQUES SITE\DWGS – AQUIFER B3\FIGURE 6, 17 & 23 UNITB3_ARQUES BSM E284−2018.DWG

ED_013213_00000038-00158

FIGURE 24. 1997 SUBSURFACE INVESTIGATION SITE PLAN
SIGNETIC SITE
SUNNYVALE, CALIFORNIA



EXPLANATION

- Groundwater monitoring well or piezometer (colors indicate water-bearing zone). Wells or piezometers installed during this investigation are designated "PZ-".
- Groundwater extraction well (color indicates water-bearing zone)
- A-level zone
- B1-level zone
- B2-level zone
- B3-level zone
- B4-level zone
- B5-level zone

EINARSON FOWLER & WATSON

SCALE: 0 80 160 FEET

PHILIPS SEMICONDUCTORS
562 BRITTON AVENUE/440 WOLFE ROAD
SUNNYVALE, CALIFORNIA

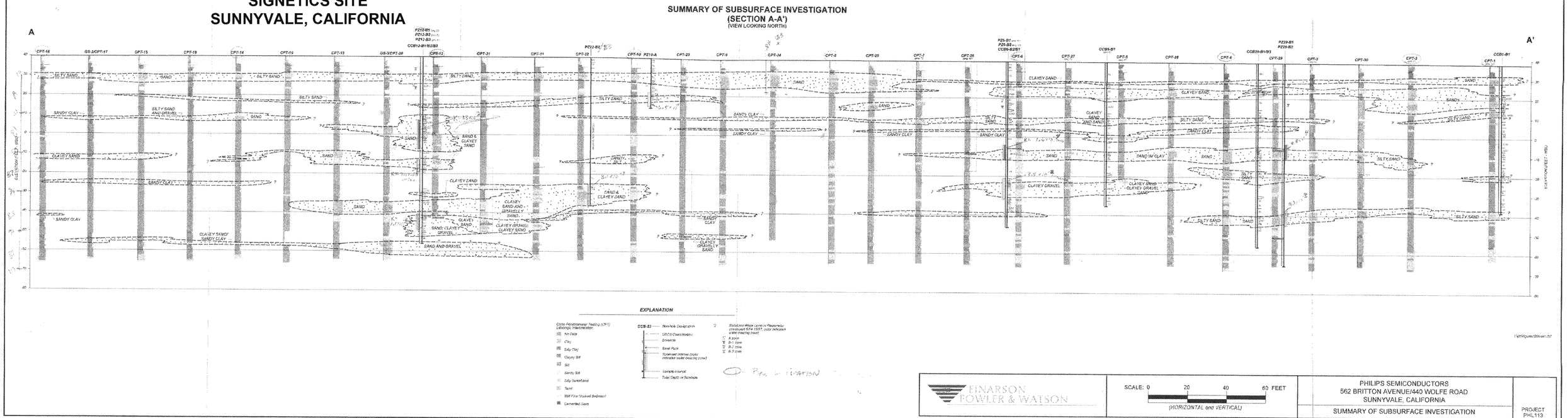
SITE PLAN

PROJECT PHL113

I:\ph\figures\11to40.dsf 2/26/98

SOURCE: Einarson, Fowler & Watson, 1997, Subsurface Investigation Report on the Area North of the 811 E. Arques Avenue Site, Philips Semiconductors, Sunnyvale, California, 3 October.

FIGURE 25. SUMMARY OF 1997 SUBSURFACE INVESTIGATION: CROSS-SECTION
SIGNETICS SITE
SUNNYVALE, CALIFORNIA



SOURCE: Einarson, Fowler & Watson, 1997, Subsurface Investigation Report on the Area North of the 811 E. Arques Avenue Site, Philips Semiconductors, Sunnyvale, California, 3 October.

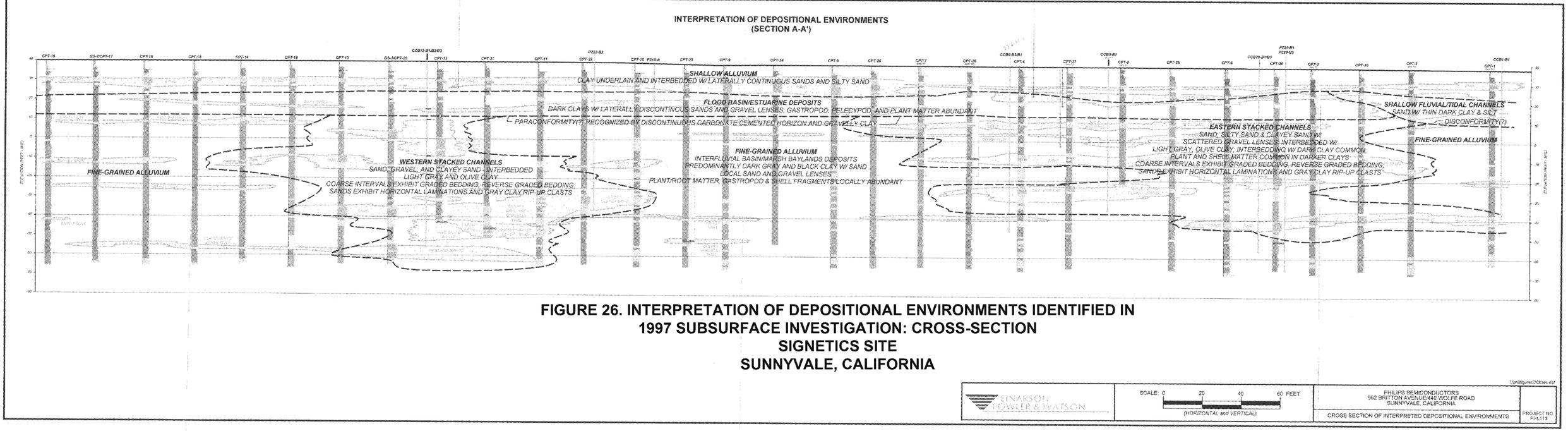


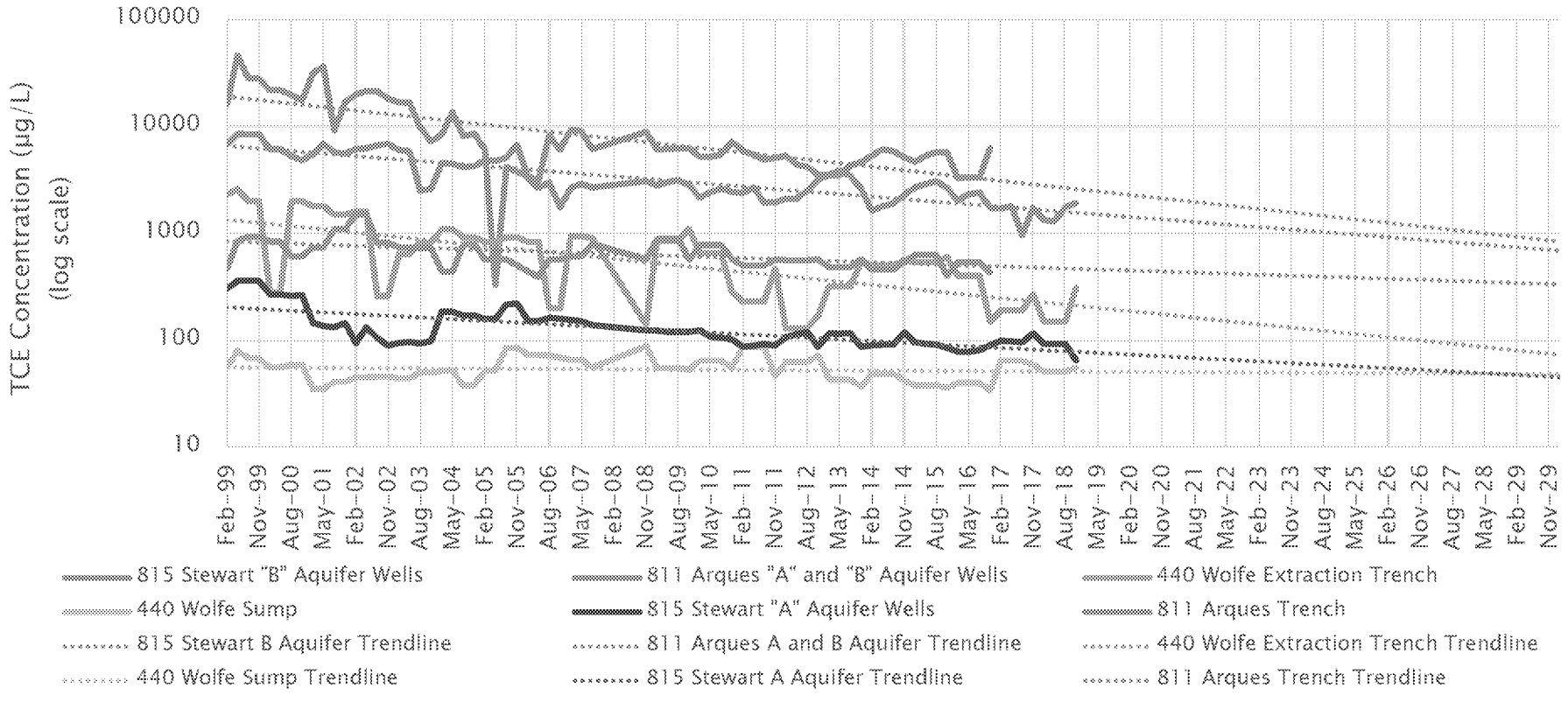
FIGURE 26. INTERPRETATION OF DEPOSITIONAL ENVIRONMENTS IDENTIFIED IN 1997 SUBSURFACE INVESTIGATION: CROSS-SECTION SIGNETICS SITE SUNNYVALE, CALIFORNIA

SOURCE: Einarson, Fowler & Watson, 1997, Subsurface Investigation Report on the Area North of the 811 E. Arques Avenue Site, Philips Semiconductors, Sunnyvale, California, 3 October.

Figure 27

Influent TCE Concentration Trend 1999–2018

Signetics Site, Sunnyvale, CA



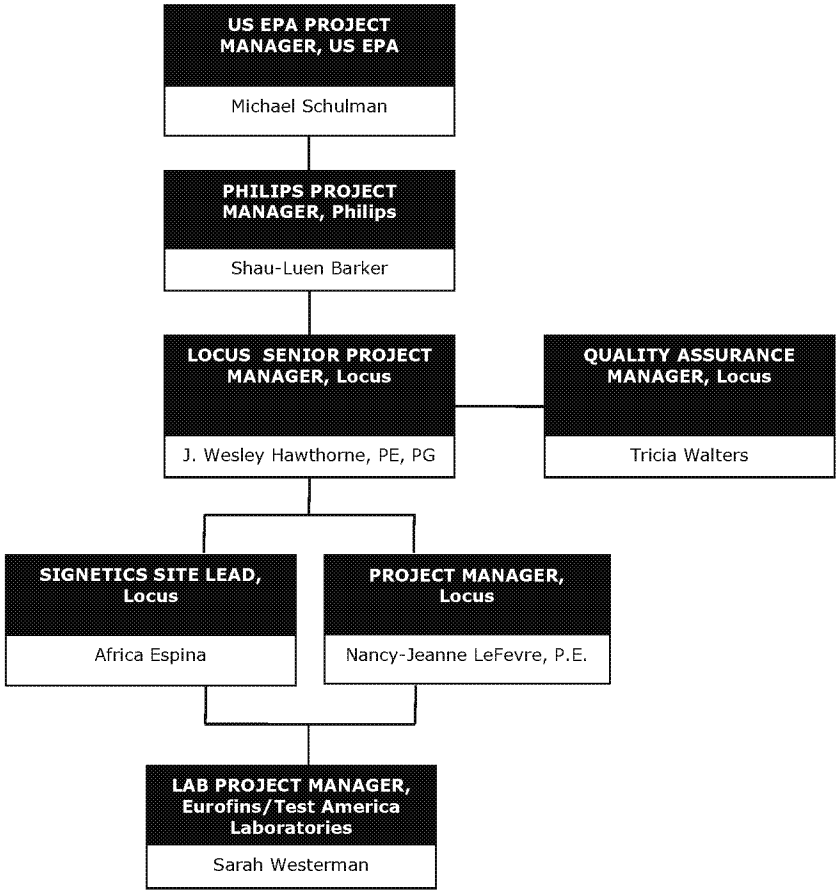


Figure 28
Organizational Chart
Focused Feasibility Study Work Plan
Signetics ASAOC
811 East Arques Avenue
Sunnyvale, California

Locus TECHNOLOGIES

APPENDIX A

HISTORICAL WATER LEVELS THROUGH 2018

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
440S	01/07/1991	N	25.80	6.1	31.90
440S	04/08/1991	N	25.69	6.21	31.90
440S	07/08/1991	N	25.20	6.7	31.90
440S	10/07/1991	N	26.53	5.37	31.90
440S	01/06/1992	N	25.82	6.08	31.90
440S	04/07/1992	N	26.46	5.44	31.90
440S	07/06/1992	N	26.04	5.86	31.90
440S	07/07/1992	N	26.38	5.52	31.90
440S	10/05/1992	N	24.91	6.99	31.90
440S	01/04/1993	N	24.90	7	31.90
440S	04/05/1993	N	25.39	6.51	31.90
440S	07/06/1993	N	25.55	6.35	31.90
440S	10/04/1993	N	26.13	5.77	31.90
440S	01/03/1994	N	27.40	4.5	31.90
440S	04/04/1994	N	25.79	6.11	31.90
440S	07/05/1994	N	26.30	5.6	31.90
440S	10/31/1994	N	25.92	5.98	31.90
440S	01/03/1995	N	25.85	6.05	31.90
440S	04/03/1995	N	30.53	1.37	31.90
440S	07/09/1995	N	24.93	6.97	31.90
440S	10/09/1995	N	28.93	2.97	31.90
440S	01/02/1996	N	26.43	5.47	31.90
440S	04/01/1996	N	26.36	5.54	31.90
440S	07/08/1996	N	26.38	5.52	31.90
440S	10/07/1996	N	26.85	5.05	31.90
440S	01/13/1997	N	28.61	3.29	31.90
440S	04/07/1997	N	26.28	5.62	31.90
440S	07/21/1997	N	25.10	6.8	31.90
440S	10/13/1997	N	28.39	3.51	31.90
440S	01/10/1998	N	27.88	3.41	31.29
440S	04/12/1998	N	26.29	5	31.29
440S	07/12/1998	N	29.08	2.21	31.29
440S	10/04/1998	N	29.36	1.93	31.29
440S	01/10/1999	N	26.64	5.26	31.90
440S	04/18/1999	N	26.71	5.19	31.90
440S	07/17/1999	N	23.65	8.25	31.90
440S	10/09/1999	N	26.02	5.88	31.90
440S	01/08/2000	N	25.51	6.39	31.90
440S	04/08/2000	N	25.57	6.33	31.90
440S	07/08/2000	N	26.33	5.57	31.90
440S	10/07/2000	N	25.87	6.03	31.90
440S	01/06/2001	N	26.12	5.78	31.90
440S	04/07/2001	N	27.08	4.82	31.90
440S	07/07/2001	N	25.78	6.13	31.91
440S	10/06/2001	N	25.53	6.37	31.90
440S	10/12/2002	N	27.55	4.35	31.90
440S	10/10/2003	N	25.67	6.23	31.90

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
440S	10/05/2004	N	25.88	6.02	31.90
440S	10/10/2005	N	25.95	5.95	31.90
440S	10/12/2006	N	26.35	5.55	31.90
440S	10/09/2007	N	29.07	2.83	31.90
440S	10/14/2008	N	27.60	4.30	31.90
440S	10/12/2009	N	27.62	4.28	31.90
440S	10/12/2010	N	NA	NA	31.90
440S	10/10/2011	N	27.65	4.25	31.90
440S	10/09/2012	N	27.80	4.10	31.90
440S	10/14/2013	N	NA	NA	31.90
440S	10/14/2014	N	NA	NA	31.90
440S	10/15/2015	N	NA	NA	31.90
440S	10/14/2016	N	NA	NA	31.90
440S	10/10/2017	N	NA	NA	31.90
440S	10/09/2018	N	NA	NA	31.45
440T	01/07/1991	N	23.72	20.58	44.30
440T	04/08/1991	N	23.56	20.74	44.30
440T	07/08/1991	N	23.48	20.82	44.30
440T	10/11/1991	N	23.49	20.81	44.30
440T	01/06/1992	N	23.50	20.8	44.30
440T	04/06/1992	N	25.37	18.93	44.30
440T	07/06/1992	N	26.35	17.95	44.30
440T	07/07/1992	N	26.98	17.32	44.30
440T	10/05/1992	N	25.66	18.64	44.30
440T	01/04/1993	N	24.98	19.32	44.30
440T	04/05/1993	N	24.97	19.33	44.30
440T	07/06/1993	N	27.13	17.17	44.30
440T	10/04/1993	N	26.98	17.32	44.30
440T	01/03/1994	N	26.87	17.43	44.30
440T	04/04/1994	N	27.14	17.16	44.30
440T	07/05/1994	N	27.09	17.21	44.30
440T	10/31/1994	N	26.86	17.44	44.30
440T	01/03/1995	N	26.80	17.5	44.30
440T	04/03/1995	N	27.06	17.24	44.30
440T	07/09/1995	N	26.92	17.38	44.30
440T	10/09/1995	N	26.95	17.35	44.30
440T	01/02/1996	N	26.90	17.4	44.30
440T	04/01/1996	N	27.03	17.27	44.30
440T	07/08/1996	N	31.27	13.03	44.30
440T	10/07/1996	N	31.27	13.03	44.30
440T	01/13/1997	N	28.02	16.28	44.30
440T	04/07/1997	N	28.93	15.37	44.30
440T	07/21/1997	N	30.13	14.17	44.30
440T	10/13/1997	N	26.59	17.09	43.68
440T	01/10/1998	N	28.99	14.67	43.66
440T	04/12/1998	N	28.42	15.22	43.64
440T	07/12/1998	N	24.93	18.71	43.64

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
440T	10/04/1998	N	26.92	16.72	43.64
440T	01/10/1999	N	27.15	17.15	44.30
440T	04/18/1999	N	25.36	18.94	44.30
440T	07/17/1999	N	25.78	18.52	44.30
440T	10/09/1999	N	28.21	16.09	44.30
440T	01/08/2000	N	25.94	18.36	44.30
440T	04/08/2000	N	28.50	15.8	44.30
440T	07/08/2000	N	27.87	16.43	44.30
440T	10/07/2000	N	25.57	18.73	44.30
440T	01/06/2001	N	26.21	18.09	44.30
440T	04/07/2001	N	27.88	16.42	44.30
440T	07/07/2001	N	28.61	15.71	44.32
440T	10/06/2001	N	27.99	16.31	44.30
440T	10/12/2002	N	30.41	13.89	44.30
440T	10/10/2003	N	31.36	12.94	44.30
440T	10/05/2004	N	26.72	17.58	44.30
440T	10/10/2005	N	31.13	13.17	44.30
440T	10/12/2006	N	32.39	11.91	44.30
440T	10/09/2007	N	38.26	6.04	44.30
440T	10/14/2008	N	33.25	11.05	44.30
440T	10/12/2009	N	30.27	14.03	44.30
440T	10/12/2010	N	31.37	12.93	44.30
440T	10/10/2011	N	30.62	13.68	44.30
440T	10/09/2012	N	32.23	12.07	44.30
440T	10/14/2013	N	25.61	18.69	44.30
440T	10/13/2014	N	28.72	15.58	44.30
440T	10/14/2015	N	30.83	13.47	44.30
440T	10/11/2016	N	31.26	13.04	44.30
440T	10/10/2017	N	NA	NA	44.30
440T	10/09/2018	N	31.39	12.38	43.77
811T	01/07/1991	N	30.19	14.81	45.00
811T	04/08/1991	N	30.24	14.76	45.00
811T	07/08/1991	N	30.28	14.72	45.00
811T	10/07/1991	N	30.05	14.95	45.00
811T	01/06/1992	N	30.52	14.48	45.00
811T	04/06/1992	N	30.55	14.45	45.00
811T	07/06/1992	N	30.57	14.43	45.00
811T	07/07/1992	N	33.92	11.08	45.00
811T	10/05/1992	N	30.07	14.93	45.00
811T	01/04/1993	N	32.32	12.68	45.00
811T	04/05/1993	N	33.15	11.85	45.00
811T	07/06/1993	N	31.88	13.12	45.00
811T	10/04/1993	N	31.06	13.94	45.00
811T	01/03/1994	N	31.18	13.82	45.00
811T	04/04/1994	N	31.29	13.71	45.00
811T	07/05/1994	N	31.24	13.76	45.00
811T	10/31/1994	N	31.12	13.88	45.00

ED_013213_00000038-00167

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
811T	01/03/1995	N	33.07	11.93	45.00
811T	04/03/1995	N	34.78	10.22	45.00
811T	07/09/1995	N	32.78	12.22	45.00
811T	10/09/1995	N	32.29	12.71	45.00
811T	01/02/1996	N	34.42	10.58	45.00
811T	04/01/1996	N	34.66	10.34	45.00
811T	07/08/1996	N	33.94	11.06	45.00
811T	10/07/1996	N	33.94	11.06	45.00
811T	01/13/1997	N	30.44	14.56	45.00
811T	04/07/1997	N	30.39	14.61	45.00
811T	07/21/1997	N	30.37	14.63	45.00
811T	10/13/1997	N	30.60	14.4	45.00
811T	01/10/1998	N	22.96	14.47	37.43
811T	04/12/1998	N	26.67	10.76	37.43
811T	07/12/1998	N	22.84	14.59	37.43
811T	10/04/1998	N	22.63	14.8	37.43
811T	01/10/1999	N	30.24	14.76	45.00
811T	04/18/1999	N	31.28	13.72	45.00
811T	07/17/1999	N	30.26	14.74	45.00
811T	10/09/1999	N	30.25	14.75	45.00
811T	01/08/2000	N	30.54	14.46	45.00
811T	04/08/2000	N	30.21	14.79	45.00
811T	07/08/2000	N	30.23	14.77	45.00
811T	10/07/2000	N	30.22	14.78	45.00
811T	01/06/2001	N	30.21	14.79	45.00
811T	04/07/2001	N	30.16	14.84	45.00
811T	07/07/2001	N	30.28	14.72	45.00
811T	10/06/2001	N	30.20	14.80	45.00
811T	10/12/2002	N	30.23	14.77	45.00
811T	10/10/2003	N	33.30	11.70	45.00
811T	10/05/2004	N	30.48	14.52	45.00
811T	10/10/2005	N	35.58	17.40	52.98
811T	10/12/2006	N	32.05	13.55	45.60
811T	10/09/2007	N	33.04	12.56	45.60
811T	10/14/2008	N	29.41	16.19	45.60
811T	10/12/2009	N	17.59	28.01	45.60
811T	10/11/2010	N	28.46	17.14	45.60
811T	10/10/2011	N	28.60	17	45.60
811T	10/09/2012	N	28.55	17.05	45.60
811T	10/14/2013	N	28.38	17.22	45.60
811T	10/13/2014	N	28.50	17.10	45.60
811T	10/14/2015	N	28.47	17.13	45.60
811T	10/11/2016	N	28.59	17.01	45.60
811T	10/10/2017	N	32.23	13.37	45.60
811T	10/09/2018	N	35.17	13.24	48.41
G1	01/07/1991	N	31.62	16.54	48.16
G1	04/08/1991	N	32.70	15.46	48.16

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
G1	07/08/1991	N	32.02	16.14	48.16
G1	10/07/1991	N	31.96	16.2	48.16
G1	01/06/1992	N	32.00	16.16	48.16
G1	04/06/1992	N	33.34	14.82	48.16
G1	07/06/1992	N	32.60	15.56	48.16
G1	07/07/1992	N	34.39	13.28	47.67
G1	10/05/1992	N	32.66	15.5	48.16
G1	01/04/1993	N	32.87	15.29	48.16
G1	04/05/1993	N	34.38	13.78	48.16
G1	07/06/1993	N	33.71	14.45	48.16
G1	10/04/1993	N	33.05	15.11	48.16
G1	01/03/1994	N	33.23	14.93	48.16
G1	04/04/1994	N	33.58	14.58	48.16
G1	07/05/1994	N	33.68	14.48	48.16
G1	10/31/1994	N	33.63	14.53	48.16
G1	01/03/1995	N	33.87	14.29	48.16
G1	04/03/1995	N	35.28	12.88	48.16
G1	07/09/1995	N	34.60	13.56	48.16
G1	10/09/1995	N	34.52	13.64	48.16
G1	01/02/1996	N	34.50	13.17	47.67
G1	04/01/1996	N	34.52	13.15	47.67
G1	07/08/1996	N	34.39	13.28	47.67
G1	10/07/1996	N	34.16	13.51	47.67
G1	01/13/1997	N	34.97	12.7	47.67
G1	04/07/1997	N	34.65	13.02	47.67
G1	07/21/1997	N	34.60	13.07	47.67
G1	10/13/1997	N	34.56	13.11	47.67
G1	01/10/1998	N	35.35	12.32	47.67
G1	04/12/1998	N	35.22	12.45	47.67
G1	07/12/1998	N	35.21	12.46	47.67
G1	10/04/1998	N	35.10	12.57	47.67
G1	01/10/1999	N	34.90	12.77	47.67
G1	04/18/1999	N	35.15	12.52	47.67
G1	07/17/1999	N	35.01	12.66	47.67
G1	10/09/1999	N	35.07	12.6	47.67
G1	01/08/2000	N	35.02	12.65	47.67
G1	04/08/2000	N	35.47	12.2	47.67
G1	07/08/2000	N	35.08	12.59	47.67
G1	10/07/2000	N	35.37	12.3	47.67
G1	01/06/2001	N	35.47	12.2	47.67
G1	04/07/2001	N	35.85	11.82	47.67
G1	07/07/2001	N	35.74	11.93	47.67
G1	10/06/2001	N	35.55	12.12	47.67
G1	07/06/2011	N	NA	22	NA
G3	01/07/1991	N	33.77	15.06	48.83
G3	04/08/1991	N	35.03	13.8	48.83
G3	07/08/1991	N	34.14	14.69	48.83

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
G3	10/07/1991	N	34.03	14.8	48.83
G3	01/06/1992	N	33.80	15.03	48.83
G3	04/06/1992	N	35.23	13.6	48.83
G3	07/06/1992	N	34.79	14.04	48.83
G3	07/07/1992	N	36.60	11.79	48.39
G3	10/05/1992	N	34.92	13.91	48.83
G3	01/04/1993	N	34.95	13.88	48.83
G3	04/05/1993	N	36.10	12.73	48.83
G3	07/06/1993	N	35.47	13.36	48.83
G3	10/04/1993	N	35.10	13.73	48.83
G3	01/03/1994	N	35.15	13.68	48.83
G3	04/04/1994	N	35.26	13.57	48.83
G3	07/05/1994	N	35.33	13.5	48.83
G3	10/31/1994	N	35.20	13.63	48.83
G3	01/03/1995	N	35.46	13.37	48.83
G3	04/03/1995	N	36.77	12.06	48.83
G3	07/09/1995	N	36.24	12.59	48.83
G3	10/09/1995	N	36.40	12.43	48.83
G3	01/02/1996	N	36.48	11.91	48.39
G3	04/01/1996	N	36.90	11.49	48.39
G3	07/08/1996	N	36.60	11.79	48.39
G3	10/07/1996	N	36.36	12.03	48.39
G3	01/13/1997	N	37.01	11.38	48.39
G3	04/07/1997	N	36.73	11.66	48.39
G3	07/21/1997	N	36.67	11.72	48.39
G3	10/13/1997	N	36.60	11.79	48.39
G3	01/10/1998	N	37.61	10.78	48.39
G3	04/12/1998	N	37.41	10.98	48.39
G3	07/12/1998	N	37.24	11.15	48.39
G3	10/04/1998	N	37.09	11.3	48.39
G3	01/10/1999	N	37.06	11.33	48.39
G3	04/18/1999	N	37.48	10.91	48.39
G3	07/17/1999	N	37.11	11.28	48.39
G3	10/09/1999	N	37.09	11.3	48.39
G3	01/08/2000	N	36.96	11.43	48.39
G3	04/08/2000	N	37.84	10.55	48.39
G3	07/08/2000	N	37.07	11.32	48.39
G3	10/07/2000	N	37.45	10.94	48.39
G4	01/07/1991	N	32.31	15.18	47.49
G4	04/08/1991	N	33.82	13.67	47.49
G4	07/08/1991	N	32.95	14.54	47.49
G4	10/07/1991	N	32.89	14.6	47.49
G4	01/06/1992	N	33.25	14.24	47.49
G4	04/06/1992	N	34.07	13.42	47.49
G4	07/06/1992	N	33.89	13.6	47.49
G4	07/07/1992	N	35.77	11.72	47.49
G4	10/05/1992	N	33.87	13.62	47.49

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
G4	01/04/1993	N	33.91	13.58	47.49
G4	04/05/1993	N	34.92	12.57	47.49
G4	07/06/1993	N	34.33	13.16	47.49
G4	10/04/1993	N	34.00	13.49	47.49
G4	01/03/1994	N	34.11	13.38	47.49
G4	04/04/1994	N	34.26	13.23	47.49
G4	07/05/1994	N	34.38	13.11	47.49
G4	10/31/1994	N	34.28	13.21	47.49
G4	01/03/1995	N	34.80	12.69	47.49
G4	04/03/1995	N	35.63	11.86	47.49
G4	07/09/1995	N	35.33	12.16	47.49
G4	10/09/1995	N	35.30	12.19	47.49
G4	01/02/1996	N	35.72	11.77	47.49
G4	04/01/1996	N	35.80	11.69	47.49
G4	07/08/1996	N	35.77	11.72	47.49
G4	10/07/1996	N	34.98	12	46.98
G4	01/13/1997	N	35.63	11.35	46.98
G4	04/07/1997	N	35.38	11.6	46.98
G4	07/21/1997	N	35.36	11.62	46.98
G4	10/13/1997	N	35.34	11.64	46.98
G4	01/10/1998	N	36.25	10.73	46.98
G4	04/12/1998	N	36.00	10.98	46.98
G4	07/12/1998	N	35.93	11.05	46.98
G4	10/04/1998	N	35.78	11.2	46.98
G4	01/10/1999	N	36.16	11.33	47.49
G4	04/18/1999	N	36.39	11.1	47.49
G4	07/17/1999	N	36.25	11.24	47.49
G4	10/09/1999	N	36.35	11.14	47.49
G4	01/08/2000	N	36.29	11.2	47.49
G4	04/08/2000	N	36.52	10.97	47.49
G4	07/08/2000	N	36.30	11.19	47.49
G4	10/07/2000	N	36.66	10.83	47.49
G4	01/06/2001	N	36.70	10.79	47.49
G4	04/07/2001	N	37.12	10.37	47.49
G4	07/07/2001	N	37.14	10.35	47.49
G4	10/06/2001	N	37.04	10.45	47.49
G4	10/12/2002	N	37.19	10.30	47.49
G4	10/10/2003	N	37.33	10.16	47.49
G4	10/05/2004	N	37.44	10.05	47.49
G4	10/10/2005	N	NA	NA	47.49
G4	10/12/2006	U	NA	NA	47.49
G4	10/08/2007	U	NA	NA	47.49
G4	10/14/2008	U	42.02	5.47	47.49
G4	10/13/2009	U	NA	NA	47.49
G4	NA	NA	NA	NA	46.89
G5	04/12/1998	N	35.39	9.25	44.64
G5	07/12/1998	N	34.94	9.7	44.64

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
G5	10/04/1998	N	35.09	9.55	44.64
G5	01/10/1999	N	34.94	9.7	44.64
G5	04/18/1999	N	35.19	9.45	44.64
G5	07/17/1999	N	34.89	9.75	44.64
G5	10/09/1999	N	34.87	9.77	44.64
G5	01/08/2000	N	34.26	10.38	44.64
G5	04/08/2000	N	35.50	9.14	44.64
G5	07/08/2000	N	34.96	9.68	44.64
G5	10/07/2000	N	34.81	9.83	44.64
G5	01/06/2001	N	34.91	9.73	44.64
G5	04/07/2001	N	35.26	9.38	44.64
G5	07/07/2001	N	34.86	9.79	44.65
G5	10/06/2001	N	34.61	10.03	44.64
M1	01/07/1991	N	31.96	14.78	46.74
M1	04/08/1991	N	32.60	14.14	46.74
M1	07/08/1991	N	32.16	14.58	46.74
M1	10/07/1991	N	32.05	14.69	46.74
M1	01/06/1992	N	32.44	14.3	46.74
M1	04/06/1992	N	32.69	14.05	46.74
M1	07/06/1992	N	32.47	14.27	46.74
M1	07/07/1992	N	33.12	13.1	46.22
M1	10/05/1992	N	32.15	14.59	46.74
M1	01/04/1993	N	32.64	14.1	46.74
M1	04/05/1993	N	33.22	13.52	46.74
M1	07/06/1993	N	32.50	14.24	46.74
M1	10/04/1993	N	32.32	14.42	46.74
M1	01/03/1994	N	32.52	14.22	46.74
M1	04/04/1994	N	32.67	14.07	46.74
M1	07/05/1994	N	32.68	14.06	46.74
M1	10/31/1994	N	32.60	14.14	46.74
M1	01/03/1995	N	32.91	13.83	46.74
M1	04/03/1995	N	34.07	12.67	46.74
M1	07/09/1995	N	33.19	13.55	46.74
M1	10/09/1995	N	32.96	13.78	46.74
M1	01/02/1996	N	33.09	13.13	46.22
M1	04/01/1996	N	31.27	14.95	46.22
M1	07/08/1996	N	33.12	13.1	46.22
M1	10/07/1996	N	32.90	13.32	46.22
M1	01/13/1997	N	33.80	12.42	46.22
M1	04/07/1997	N	33.20	13.02	46.22
M1	07/21/1997	N	33.12	13.1	46.22
M1	10/13/1997	N	32.99	13.23	46.22
M1	01/10/1998	N	33.61	12.61	46.22
M1	04/12/1998	N	33.87	12.35	46.22
M1	07/12/1998	N	33.63	12.59	46.22
M1	10/04/1998	N	33.64	12.58	46.22
M1	01/10/1999	N	33.46	12.76	46.22

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
M1	04/18/1999	N	33.70	12.52	46.22
M1	07/17/1999	N	33.46	12.76	46.22
M1	10/09/1999	N	33.45	12.77	46.22
M1	01/08/2000	N	33.26	12.96	46.22
M1	04/08/2000	N	33.76	12.46	46.22
M1	07/08/2000	N	33.39	12.83	46.22
M1	10/07/2000	N	33.30	12.92	46.22
M1	01/06/2001	N	33.31	12.91	46.22
M1	04/07/2001	N	33.70	12.52	46.22
M1	07/07/2001	N	33.49	12.75	46.24
M1	10/06/2001	N	33.30	12.92	46.22
M2	01/07/1991	N	31.62	16.63	48.25
M2	04/08/1991	N	32.25	16	48.25
M2	07/08/1991	N	31.88	16.37	48.25
M2	10/07/1991	N	31.77	16.48	48.25
M2	01/06/1992	N	32.10	16.15	48.25
M2	04/06/1992	N	32.34	15.91	48.25
M2	07/06/1992	N	32.07	16.18	48.25
M2	07/07/1992	N	32.48	15.25	47.73
M2	10/05/1992	N	31.87	16.38	48.25
M2	01/04/1993	N	32.31	15.94	48.25
M2	04/05/1993	N	32.86	15.39	48.25
M2	07/06/1993	N	32.23	16.02	48.25
M2	10/04/1993	N	32.07	16.18	48.25
M2	01/03/1994	N	32.24	16.01	48.25
M2	04/04/1994	N	32.38	15.87	48.25
M2	07/05/1994	N	32.42	15.83	48.25
M2	10/31/1994	N	32.34	15.91	48.25
M2	01/03/1995	N	32.59	15.66	48.25
M2	04/03/1995	N	33.69	14.56	48.25
M2	07/09/1995	N	32.92	15.33	48.25
M2	10/09/1995	N	32.69	15.56	48.25
M2	01/02/1996	N	32.76	14.97	47.73
M2	04/01/1996	N	33.61	14.12	47.73
M2	07/08/1996	N	32.48	15.25	47.73
M2	10/07/1996	N	32.46	15.27	47.73
M2	01/13/1997	N	33.25	14.48	47.73
M2	04/07/1997	N	32.68	15.05	47.73
M2	07/21/1997	N	32.64	15.09	47.73
M2	10/13/1997	N	32.38	15.35	47.73
M2	01/10/1998	N	33.11	14.62	47.73
M2	04/12/1998	N	33.34	14.39	47.73
M2	07/12/1998	N	33.12	14.61	47.73
M2	10/04/1998	N	33.18	14.55	47.73
M2	01/10/1999	N	32.97	14.76	47.73
M2	04/18/1999	N	33.18	14.55	47.73
M2	07/17/1999	N	32.99	14.74	47.73

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
M2	10/09/1999	N	32.99	14.74	47.73
M2	01/08/2000	N	32.79	14.94	47.73
M2	04/08/2000	N	33.26	14.47	47.73
M2	07/08/2000	N	32.94	14.79	47.73
M2	10/07/2000	N	32.86	14.87	47.73
M2	01/06/2001	N	32.86	14.87	47.73
M2	04/07/2001	N	33.23	14.5	47.73
M2	07/07/2001	N	33.05	14.70	47.75
M2	10/06/2001	N	32.88	14.85	47.73
M2	10/12/2002	N	32.88	14.85	47.73
M2	10/10/2003	N	33.08	14.65	47.73
M2	10/05/2004	N	33.11	14.62	47.73
M2	10/10/2005	N	33.49	14.24	47.73
M2	10/12/2006	N	33.57	14.16	47.73
M2	10/09/2007	N	38.70	9.03	47.73
M2	10/14/2008	N	33.58	14.15	47.73
M2	10/12/2009	N	33.35	14.38	47.73
M2	10/12/2010	N	33.33	14.4	47.73
M2	10/10/2011	N	33.78	13.95	47.73
M2	10/09/2012	N	33.63	14.10	47.73
M2	10/14/2013	N	33.68	14.05	47.73
M2	10/13/2014	N	33.21	14.52	47.73
M2	10/15/2015	N	33.01	14.72	47.73
M2	10/11/2016	N	33.05	14.68	47.73
M2	10/10/2017	N	33.48	14.25	47.73
M2	10/09/2018	U	NA	NA	47.85
M3	01/10/1998	N	38.69	8.8	47.49
M3	04/12/1998	N	39.17	8.32	47.49
M3	07/12/1998	N	38.82	8.67	47.49
M3	10/04/1998	N	38.71	8.78	47.49
M3	01/10/1999	N	38.58	8.91	47.49
M3	04/18/1999	N	38.65	8.84	47.49
M3	07/17/1999	N	38.41	9.08	47.49
M3	10/09/1999	N	38.62	8.87	47.49
M3	01/08/2000	N	38.37	9.42	47.79
M3	04/08/2000	N	38.58	9.21	47.79
M3	07/08/2000	N	38.57	9.22	47.79
M3	10/07/2000	N	39.02	8.77	47.79
M3	01/06/2001	N	38.59	9.2	47.79
M3	04/07/2001	N	38.89	8.9	47.79
M3	07/07/2001	N	38.79	9.00	47.79
M3	10/06/2001	N	38.56	9.23	47.79
M3	10/12/2002	N	38.57	9.22	47.79
M3	10/10/2003	N	38.95	8.84	47.79
M3	10/05/2004	N	38.78	9.01	47.79
M3	10/10/2005	N	NA	NA	47.79
M3	10/12/2006	U	NA	NA	47.79

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
M3	10/08/2007	U	NA	NA	45.09
M3	10/13/2009	N	NA	NA	47.79
M4	01/10/1998	N	38.95	9.27	48.22
M4	04/12/1998	N	39.44	8.78	48.22
M4	07/12/1998	N	39.12	9.1	48.22
M4	10/04/1998	N	39.00	9.22	48.22
M4	01/10/1999	N	38.87	9.35	48.22
M4	04/18/1999	N	38.93	9.29	48.22
M4	07/17/1999	N	38.70	9.52	48.22
M4	10/09/1999	N	38.88	9.34	48.22
M4	01/08/2000	N	38.63	9.59	48.22
M4	04/08/2000	N	38.84	9.38	48.22
M4	07/08/2000	N	38.85	9.37	48.22
M4	10/07/2000	N	39.31	8.91	48.22
M4	01/06/2001	N	38.84	9.38	48.22
M4	04/07/2001	N	39.14	9.08	48.22
M4	07/07/2001	N	39.07	9.15	48.22
M4	10/06/2001	N	38.82	9.40	48.22
M4	10/12/2002	N	38.83	9.39	48.22
M4	10/10/2003	N	39.22	9.00	48.22
M4	10/05/2004	N	39.03	9.19	48.22
M4	10/10/2005	N	NA	NA	48.22
M4	10/12/2006	U	NA	NA	48.22
M4	10/08/2007	U	NA	NA	45.52
M4	10/13/2009	N	NA	NA	48.22
PZ010A	10/13/1997	N	27.87	13.31	41.18
PZ010A	01/10/1998	N	29.27	11.91	41.18
PZ010A	04/12/1998	Y	30.89	NA	41.18
PZ010A	07/12/1998	Y	29.34	NA	41.18
PZ010A	10/04/1998	Y	28.99	NA	41.18
PZ010A	01/10/1999	Y	28.88	NA	41.18
PZ010A	04/18/1999	Y	29.09	NA	41.18
PZ010A	07/17/1999	Y	28.63	NA	41.18
PZ010A	10/09/1999	Y	30.78	NA	41.18
PZ012B1	10/13/1997	N	23.38	18.26	41.64
PZ012B1	01/10/1998	N	20.83	20.81	41.64
PZ012B1	04/12/1998	Y	25.30	NA	41.64
PZ012B1	07/12/1998	Y	25.13	NA	41.64
PZ012B1	10/04/1998	Y	23.96	NA	41.64
PZ012B1	01/10/1999	Y	21.22	NA	41.64
PZ012B1	04/18/1999	Y	17.20	NA	41.64
PZ012B1	07/17/1999	Y	15.97	NA	41.64
PZ012B1	10/09/1999	Y	23.82	NA	41.64
PZ012B2	10/13/1997	N	26.63	14.74	41.37
PZ012B2	01/10/1998	N	24.91	16.46	41.37
PZ012B2	04/12/1998	Y	29.03	NA	41.37
PZ012B2	07/12/1998	Y	28.50	NA	41.37

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Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
PZ012B2	10/04/1998	Y	28.03	NA	41.37
PZ012B2	01/10/1999	Y	25.97	NA	41.37
PZ012B2	04/18/1999	Y	23.28	NA	41.37
PZ012B2	07/17/1999	Y	22.11	NA	41.37
PZ012B2	10/09/1999	Y	26.76	NA	41.37
PZ012B3	10/13/1997	N	37.11	4.51	41.62
PZ012B3	01/10/1998	N	38.08	3.54	41.62
PZ012B3	04/12/1998	Y	40.90	NA	41.62
PZ012B3	07/12/1998	Y	40.20	NA	41.62
PZ012B3	10/04/1998	Y	39.14	NA	41.62
PZ012B3	01/10/1999	Y	37.11	NA	41.62
PZ012B3	04/18/1999	Y	35.27	NA	41.62
PZ012B3	07/17/1999	Y	32.71	NA	41.62
PZ012B3	10/09/1999	Y	32.54	NA	41.62
PZ022B2	10/13/1997	N	33.51	8.04	41.55
PZ022B2	01/10/1998	N	34.49	7.06	41.55
PZ022B2	04/12/1998	Y	37.24	NA	41.55
PZ022B2	07/12/1998	Y	36.29	NA	41.55
PZ022B2	10/04/1998	Y	35.55	NA	41.55
PZ022B2	01/10/1999	Y	34.33	NA	41.55
PZ022B2	04/18/1999	Y	33.80	NA	41.55
PZ034B1	01/10/1998	N	19.76	24.76	44.52
PZ034B1	04/12/1998	N	24.32	20.2	44.52
PZ034B1	07/12/1998	N	24.47	20.05	44.52
PZ034B1	10/04/1998	N	24.27	20.25	44.52
PZ034B1	01/10/1999	N	22.83	21.69	44.52
PZ034B1	04/18/1999	N	21.10	23.42	44.52
PZ034B1	07/17/1999	N	19.65	24.87	44.52
PZ034B1	10/09/1999	N	29.29	15.23	44.52
PZ034B1	01/08/2000	N	18.84	25.68	44.52
PZ034B1	04/08/2000	N	18.81	25.71	44.52
PZ034B1	07/08/2000	N	21.85	22.67	44.52
PZ034B1	10/07/2000	N	18.66	25.86	44.52
PZ034B1	01/06/2001	N	19.00	25.52	44.52
PZ034B1	04/07/2001	N	21.09	23.43	44.52
PZ034B1	07/07/2001	N	19.79	24.75	44.54
PZ034B1	10/06/2001	N	20.32	24.21	44.53
PZ034B1	10/12/2002	N	27.78	16.74	44.52
PZ034B1	10/10/2003	N	27.64	16.88	44.52
PZ034B1	10/05/2004	N	27.61	16.91	44.52
PZ034B1	10/10/2005	N	32.64	11.88	44.52
PZ034B1	10/12/2006	N	28.41	16.11	44.52
PZ034B1	10/09/2007	N	37.67	6.85	44.52
PZ034B1	10/14/2008	N	26.77	17.75	44.52
PZ034B1	10/12/2009	N	25.61	18.91	44.52
PZ034B1	10/12/2010	N	30.04	14.48	44.52
PZ034B1	10/10/2011	N	31.52	13	44.52

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SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
PZ034B1	10/09/2012	N	31.06	13.46	44.52
PZ034B1	10/14/2013	N	30.64	13.88	44.52
PZ034B1	10/13/2014	N	30.89	13.63	44.52
PZ034B1	10/14/2015	N	30.43	14.09	44.52
PZ034B1	10/11/2016	N	31.35	13.17	44.52
PZ034B1	10/10/2017	N	32.38	12.14	44.52
PZ034B1	10/09/2018	N	32.80	11.77	44.57
PZ034B2	04/12/1998	N	35.21	9.3	44.51
PZ034B2	07/12/1998	N	33.09	11.42	44.51
PZ034B2	10/04/1998	N	32.97	11.54	44.51
PZ034B2	01/10/1999	N	31.86	12.65	44.51
PZ034B2	04/18/1999	N	31.38	13.13	44.51
PZ034B2	07/17/1999	N	31.27	13.24	44.51
PZ034B2	10/09/1999	N	33.25	11.26	44.51
PZ034B2	01/08/2000	N	16.72	27.79	44.51
PZ034B2	04/08/2000	N	24.11	20.4	44.51
PZ034B2	07/08/2000	N	25.45	19.06	44.51
PZ034B2	10/07/2000	N	25.27	19.24	44.51
PZ034B2	01/06/2001	N	25.14	19.37	44.51
PZ034B2	04/07/2001	N	27.85	16.66	44.51
PZ034B2	07/07/2001	N	25.31	19.22	44.53
PZ034B2	10/06/2001	N	25.75	18.76	44.51
PZ034B2	10/12/2002	N	29.16	15.35	44.51
PZ034B2	10/10/2003	N	31.84	12.67	44.51
PZ034B2	10/05/2004	N	29.89	14.62	44.51
PZ034B2	10/10/2005	N	36.21	8.30	44.51
PZ034B2	10/12/2006	N	31.87	12.64	44.51
PZ034B2	10/09/2007	N	37.59	6.92	44.51
PZ034B2	10/14/2008	N	26.49	18.02	44.51
PZ034B2	10/12/2009	N	25.52	18.99	44.51
PZ034B2	10/12/2010	N	26.85	17.66	44.51
PZ034B2	10/10/2011	N	27.83	16.68	44.51
PZ034B2	10/09/2012	N	27.54	16.97	44.51
PZ034B2	10/14/2013	N	26.34	18.17	44.51
PZ034B2	10/13/2014	N	26.74	17.77	44.51
PZ034B2	10/14/2015	N	25.66	18.85	44.51
PZ034B2	10/11/2016	N	25.14	19.37	44.51
PZ034B2	10/10/2017	N	26.30	18.21	44.51
PZ034B2	10/09/2018	N	29.47	15.13	44.60
PZ034B3	01/10/1998	N	38.70	5.91	44.61
PZ034B3	04/12/1998	N	41.29	3.32	44.61
PZ034B3	07/12/1998	N	40.34	4.27	44.61
PZ034B3	10/04/1998	N	39.83	4.78	44.61
PZ034B3	01/10/1999	N	39.61	5	44.61
PZ034B3	04/18/1999	N	40.06	4.55	44.61
PZ034B3	07/17/1999	N	39.24	5.37	44.61
PZ034B3	10/09/1999	N	40.18	4.43	44.61

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HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
PZ034B3	01/08/2000	N	22.66	21.95	44.61
PZ034B3	04/08/2000	N	30.49	14.12	44.61
PZ034B3	07/08/2000	N	30.42	14.19	44.61
PZ034B3	10/07/2000	N	29.43	15.18	44.61
PZ034B3	01/06/2001	N	30.08	14.53	44.61
PZ034B3	04/07/2001	N	32.19	12.42	44.61
PZ034B3	07/07/2001	N	30.58	14.05	44.63
PZ034B3	10/06/2001	N	30.52	14.09	44.61
PZ034B3	10/12/2002	N	32.51	12.10	44.61
PZ034B3	10/10/2003	N	34.05	10.56	44.61
PZ034B3	10/05/2004	N	33.70	10.91	44.61
PZ034B3	10/10/2005	N	36.10	8.51	44.61
PZ034B3	10/12/2006	N	30.12	14.49	44.61
PZ034B3	10/09/2007	N	38.02	6.59	44.61
PZ034B3	10/14/2008	N	34.08	10.53	44.61
PZ034B3	10/12/2009	N	32.44	12.17	44.61
PZ034B3	10/12/2010	N	33.24	11.37	44.61
PZ034B3	10/10/2011	N	34.48	10.13	44.61
PZ034B3	10/09/2012	N	34.02	10.59	44.61
PZ034B3	10/14/2013	N	33.40	11.21	44.61
PZ034B3	10/13/2014	N	35.06	9.55	44.61
PZ034B3	10/14/2015	N	34.91	9.70	44.61
PZ034B3	10/11/2016	N	37.14	7.47	44.61
PZ034B3	10/10/2017	N	24.23	20.38	44.61
PZ034B3	10/09/2018	N	40.73	4.00	44.73
PZ077B1	04/12/1998	N	26.44	16.87	43.31
PZ077B1	07/12/1998	N	26.19	17.12	43.31
PZ077B1	10/04/1998	N	26.06	17.25	43.31
PZ077B1	01/10/1999	N	24.65	18.66	43.31
PZ077B1	04/18/1999	N	22.10	21.21	43.31
PZ077B1	07/17/1999	N	22.14	21.17	43.31
PZ077B1	10/09/1999	N	30.08	13.23	43.31
PZ077B1	01/08/2000	N	21.21	22.1	43.31
PZ077B1	04/08/2000	N	21.25	22.06	43.31
PZ077B1	07/08/2000	N	22.20	21.11	43.31
PZ077B1	10/07/2000	N	20.90	22.41	43.31
PZ077B1	01/06/2001	N	21.23	22.08	43.31
PZ077B1	04/07/2001	N	23.60	19.71	43.31
PZ077B1	07/07/2001	N	21.92	21.41	43.33
PZ077B1	10/06/2001	N	22.53	20.79	43.32
PZ077B1	10/12/2002	N	29.16	14.15	43.31
PZ077B1	10/10/2003	N	29.35	13.96	43.31
PZ077B1	10/05/2004	N	29.26	14.05	43.31
PZ077B1	10/10/2005	N	34.14	9.17	43.31
PZ077B1	10/12/2006	N	30.55	12.76	43.31
PZ077B1	10/09/2007	N	34.35	8.96	43.31

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SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
PZ077B1	10/14/2008	N	29.09	14.22	43.31
PZ077B1	10/12/2009	N	28.32	14.99	43.31
PZ077B1	10/12/2010	N	31.64	11.67	43.31
PZ077B1	10/10/2011	N	33.25	10.06	43.31
PZ077B1	10/09/2012	N	32.75	10.56	43.31
PZ077B1	10/14/2013	N	32.30	11.01	43.31
PZ077B1	10/13/2014	N	32.46	10.85	43.31
PZ077B1	10/14/2015	N	31.90	11.41	43.31
PZ077B1	10/11/2016	N	32.83	10.48	43.31
PZ077B1	10/10/2017	N	31.80	11.51	43.31
PZ077B1	10/09/2018	N	34.30	9.15	43.45
PZ077B2	01/10/1998	N	31.05	12.14	43.19
PZ077B2	04/12/1998	N	34.72	8.47	43.19
PZ077B2	07/12/1998	N	32.40	10.79	43.19
PZ077B2	10/04/1998	N	32.38	10.81	43.19
PZ077B2	01/10/1999	N	31.11	12.08	43.19
PZ077B2	04/18/1999	N	30.62	12.57	43.19
PZ077B2	07/17/1999	N	30.61	12.58	43.19
PZ077B2	10/09/1999	N	32.52	10.67	43.19
PZ077B2	01/08/2000	N	21.08	22.11	43.19
PZ077B2	04/08/2000	N	21.12	22.07	43.19
PZ077B2	07/08/2000	N	26.92	16.27	43.19
PZ077B2	10/07/2000	N	26.54	16.65	43.19
PZ077B2	01/06/2001	N	26.50	16.69	43.19
PZ077B2	04/07/2001	N	28.93	14.26	43.19
PZ077B2	07/07/2001	N	26.66	16.55	43.21
PZ077B2	10/06/2001	N	27.39	15.80	43.19
PZ077B2	10/12/2002	N	31.07	12.12	43.19
PZ077B2	10/10/2003	N	32.79	10.40	43.19
PZ077B2	10/05/2004	N	31.68	11.51	43.19
PZ077B2	10/10/2005	N	37.99	5.20	43.19
PZ077B2	10/12/2006	N	33.71	9.48	43.19
PZ077B2	10/09/2007	N	37.56	5.63	43.19
PZ077B2	10/14/2008	N	29.14	14.05	43.19
PZ077B2	10/12/2009	N	29.09	14.10	43.19
PZ077B2	10/12/2010	N	30.52	12.67	43.19
PZ077B2	10/10/2011	N	32.37	10.82	43.19
PZ077B2	10/09/2012	N	31.43	11.76	43.19
PZ077B2	10/14/2013	N	30.24	12.95	43.19
PZ077B2	10/13/2014	N	30.74	12.45	43.19
PZ077B2	10/14/2015	N	29.75	13.44	43.19
PZ077B2	10/11/2016	N	31.20	11.99	43.19
PZ077B2	10/10/2017	N	31.49	11.70	43.19
PZ077B2	10/09/2018	N	33.84	9.48	43.32
R2	01/07/1991	N	34.18	14.66	48.84
R2	04/08/1991	N	35.36	13.48	48.84

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Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
R2	07/08/1991	N	34.89	13.95	48.84
R2	10/07/1991	N	34.81	14.03	48.84
R2	01/06/1992	N	34.98	13.86	48.84
R2	04/06/1992	N	35.45	13.39	48.84
R2	07/06/1992	N	33.92	14.92	48.84
R2	07/07/1992	N	36.57	11.72	48.29
R2	10/05/1992	N	35.19	13.65	48.84
R2	01/04/1993	N	35.71	13.13	48.84
R2	04/05/1993	N	36.50	12.34	48.84
R2	07/06/1993	N	35.83	13.01	48.84
R2	10/04/1993	N	35.76	13.08	48.84
R2	01/03/1994	N	35.42	13.42	48.84
R2	04/04/1994	N	35.66	13.18	48.84
R2	07/05/1994	N	36.26	12.58	48.84
R2	10/31/1994	N	36.11	12.73	48.84
R2	01/03/1995	N	36.05	12.79	48.84
R2	04/03/1995	N	37.66	11.18	48.84
R2	07/09/1995	N	36.97	11.87	48.84
R2	10/09/1995	N	36.95	11.89	48.84
R2	01/02/1996	N	37.16	11.13	48.29
R2	04/01/1996	N	36.70	11.59	48.29
R2	07/08/1996	N	36.57	11.72	48.29
R2	10/07/1996	N	36.49	11.8	48.29
R2	01/13/1997	N	37.65	10.64	48.29
R2	04/07/1997	N	36.79	11.5	48.29
R2	07/21/1997	N	36.72	11.57	48.29
R2	10/13/1997	N	36.66	11.63	48.29
R2	01/10/1998	N	37.39	10.9	48.29
R2	04/12/1998	N	37.49	10.8	48.29
R2	07/12/1998	N	37.30	10.99	48.29
R2	10/04/1998	N	37.16	11.13	48.29
R2	01/10/1999	N	37.00	11.29	48.29
R2	04/18/1999	N	37.28	11.01	48.29
R2	07/17/1999	N	37.31	10.98	48.29
R2	10/09/1999	N	36.94	11.35	48.29
R2	01/08/2000	N	36.59	11.7	48.29
R2	04/08/2000	N	37.15	11.14	48.29
R2	07/08/2000	N	36.93	11.36	48.29
R2	10/07/2000	N	36.94	11.35	48.29
R2	01/06/2001	N	36.87	11.42	48.29
R2	04/07/2001	N	37.27	11.02	48.29
R2	07/07/2001	N	37.28	11.03	48.31
R2	10/06/2001	N	36.91	11.38	48.29
R2	10/12/2002	N	36.88	11.41	48.29
R2	10/10/2003	N	37.12	11.17	48.29
R2	10/05/2004	N	36.99	11.30	48.29

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
R2	10/10/2005	N	37.30	10.99	48.29
R2	10/12/2006	N	37.28	11.01	48.29
R2	10/09/2007	N	43.23	5.06	48.29
R2	10/14/2008	N	37.32	10.97	48.29
R2	10/12/2009	N	37.19	11.10	48.29
R2	10/12/2010	N	37.10	11.19	48.29
R2	10/10/2011	N	37.50	10.79	48.29
R2	10/09/2012	N	37.34	10.95	48.29
R2	10/14/2013	N	37.14	11.15	48.29
R2	10/13/2014	N	36.53	11.76	48.29
R2	10/14/2015	N	35.95	12.34	48.29
R2	10/11/2016	N	36.14	12.15	48.29
R2	10/10/2017	N	37.16	11.13	48.29
R2	10/09/2018	N	37.44	11.05	48.49
S001A	01/07/1991	N	35.69	15.1	50.79
S001A	04/08/1991	N	37.12	13.67	50.79
S001A	07/08/1991	N	36.62	14.17	50.79
S001A	10/07/1991	N	36.21	14.58	50.79
S001A	01/06/1992	N	36.67	14.12	50.79
S001A	04/06/1992	N	37.31	13.48	50.79
S001A	07/06/1992	N	37.18	13.61	50.79
S001A	07/07/1992	N	40.11	10.21	50.32
S001A	10/05/1992	N	37.41	13.38	50.79
S001A	01/04/1993	N	37.58	13.21	50.79
S001A	04/05/1993	N	38.31	12.48	50.79
S001A	07/06/1993	N	37.67	13.12	50.79
S001A	10/04/1993	N	38.26	12.53	50.79
S001A	01/03/1994	N	37.49	13.3	50.79
S001A	04/04/1994	N	37.56	13.23	50.79
S001A	07/05/1994	N	37.77	13.02	50.79
S001A	10/31/1994	N	38.19	12.6	50.79
S001A	01/03/1995	N	38.64	12.15	50.79
S001A	04/03/1995	N	39.90	10.89	50.79
S001A	07/09/1995	N	39.63	11.16	50.79
S001A	10/09/1995	N	39.68	11.11	50.79
S001A	01/02/1996	N	40.17	10.15	50.32
S001A	04/01/1996	N	41.14	9.18	50.32
S001A	07/08/1996	N	40.11	10.21	50.32
S001A	10/07/1996	N	39.51	10.81	50.32
S001A	01/13/1997	N	40.19	10.13	50.32
S001A	04/07/1997	N	40.32	10	50.32
S001A	07/21/1997	N	40.38	9.94	50.32
S001A	10/13/1997	N	39.92	10.4	50.32
S001A	01/10/1998	N	40.59	9.73	50.32
S001A	04/12/1998	N	40.87	9.45	50.32
S001A	07/12/1998	N	40.72	9.6	50.32

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S001A	10/04/1998	N	40.67	9.65	50.32
S001A	01/10/1999	N	40.72	9.6	50.32
S001A	04/18/1999	N	40.91	9.41	50.32
S001A	07/17/1999	N	40.71	9.61	50.32
S001A	10/09/1999	N	40.51	9.81	50.32
S001A	01/08/2000	N	40.22	10.1	50.32
S001A	04/08/2000	N	40.08	10.24	50.32
S001A	07/08/2000	N	40.50	9.82	50.32
S001A	10/07/2000	N	40.69	9.63	50.32
S001A	01/06/2001	N	40.48	9.84	50.32
S001A	04/07/2001	N	40.83	9.49	50.32
S001A	07/07/2001	N	40.72	9.60	50.32
S001A	10/06/2001	N	40.57	9.75	50.32
S001A	10/12/2002	N	40.64	9.68	50.32
S001A	10/10/2003	N	40.78	9.54	50.32
S001A	10/05/2004	N	40.67	9.65	50.32
S001A	10/10/2005	N	41.99	8.33	50.32
S001A	10/12/2006	N	39.67	6.81	46.48
S001A	10/09/2007	N	39.61	6.87	46.48
S001A	10/14/2008	N	39.21	7.27	46.48
S001A	10/12/2009	N	38.87	7.61	46.48
S001A	10/11/2010	N	38.94	7.54	46.48
S001A	10/10/2011	N	39.28	7.2	46.48
S001A	10/09/2012	N	39.10	7.38	46.48
S001A	10/14/2013	N	38.85	7.63	46.48
S001A	10/13/2014	N	38.30	8.18	46.48
S001A	10/14/2015	N	36.98	9.50	46.48
S001A	10/11/2016	N	36.99	9.49	46.48
S001A	10/10/2017	N	38.28	8.20	46.48
S001A	10/09/2018	N	41.85	7.45	49.30
S001B1	01/07/1991	N	32.49	18.41	50.90
S001B1	04/08/1991	N	34.14	16.76	50.90
S001B1	07/08/1991	N	33.19	17.71	50.90
S001B1	10/07/1991	N	32.47	18.43	50.90
S001B1	01/06/1992	N	33.03	17.87	50.90
S001B1	04/06/1992	N	35.54	15.36	50.90
S001B1	07/06/1992	N	34.85	16.05	50.90
S001B1	07/07/1992	N	40.18	10.29	50.47
S001B1	10/05/1992	N	35.52	15.38	50.90
S001B1	01/04/1993	N	34.04	16.86	50.90
S001B1	04/05/1993	N	36.75	14.15	50.90
S001B1	07/06/1993	N	36.20	14.7	50.90
S001B1	10/04/1993	N	35.08	15.82	50.90
S001B1	01/03/1994	N	35.69	15.21	50.90
S001B1	04/04/1994	N	36.46	14.44	50.90
S001B1	07/05/1994	N	36.45	14.45	50.90

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S001B1	10/31/1994	N	35.43	15.47	50.90
S001B1	01/03/1995	N	37.57	13.33	50.90
S001B1	04/03/1995	N	39.86	11.04	50.90
S001B1	07/09/1995	N	39.17	11.73	50.90
S001B1	10/09/1995	N	39.35	11.55	50.90
S001B1	01/02/1996	N	39.24	11.23	50.47
S001B1	04/01/1996	N	41.11	9.36	50.47
S001B1	07/08/1996	N	40.18	10.29	50.47
S001B1	10/07/1996	N	39.95	10.52	50.47
S001B1	01/13/1997	N	41.81	8.66	50.47
S001B1	04/07/1997	N	42.30	8.17	50.47
S001B1	07/21/1997	N	42.00	8.47	50.47
S001B1	10/13/1997	N	42.06	8.41	50.47
S001B1	01/10/1998	N	42.27	8.2	50.47
S001B1	04/12/1998	N	44.04	6.43	50.47
S001B1	07/12/1998	N	43.33	7.14	50.47
S001B1	10/04/1998	N	43.17	7.3	50.47
S001B1	01/10/1999	N	42.96	7.51	50.47
S001B1	04/18/1999	N	42.95	7.52	50.47
S001B1	07/17/1999	N	42.89	7.58	50.47
S001B1	10/09/1999	N	43.49	6.98	50.47
S001B1	01/08/2000	N	41.87	8.6	50.47
S001B1	04/08/2000	N	42.39	8.08	50.47
S001B1	07/08/2000	N	42.71	7.76	50.47
S001B1	10/07/2000	N	41.98	8.49	50.47
S001B1	01/06/2001	N	42.24	8.23	50.47
S001B1	04/07/2001	N	43.99	6.48	50.47
S001B1	07/07/2001	N	42.45	8.02	50.47
S001B1	10/06/2001	N	42.48	7.99	50.47
S001B1	10/12/2002	N	42.91	7.56	50.47
S001B1	10/10/2003	N	43.71	6.76	50.47
S001B1	10/05/2004	N	43.55	6.92	50.47
S001B1	10/10/2005	N	45.91	4.56	50.47
S001B1	10/12/2006	N	42.93	3.85	46.78
S001B1	10/09/2007	N	43.64	3.14	46.78
S001B1	10/14/2008	N	22.52	24.26	46.78
S001B1	10/12/2009	N	40.50	6.28	46.78
S001B1	10/11/2010	N	41.26	5.52	46.78
S001B1	10/10/2011	N	42.18	4.6	46.78
S001B1	10/09/2012	N	41.84	4.94	46.78
S001B1	10/14/2013	N	41.47	5.31	46.78
S001B1	10/13/2014	N	40.48	6.30	46.78
S001B1	10/14/2015	N	39.31	7.47	46.78
S001B1	10/11/2016	N	40.05	6.73	46.78
S001B1	10/10/2017	N	41.88	4.90	46.78
S001B1	10/09/2018	N	45.31	4.30	49.61

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S003A	01/07/1991	N	31.56	16.05	47.61
S003A	04/08/1991	N	32.52	15.09	47.61
S003A	07/08/1991	N	31.89	15.72	47.61
S003A	10/07/1991	N	31.78	15.83	47.61
S003A	01/07/1992	N	31.91	15.7	47.61
S003A	04/06/1992	N	33.26	14.35	47.61
S003A	07/06/1992	N	32.03	15.58	47.61
S003A	07/07/1992	N	34.46	12.63	47.09
S003A	10/05/1992	N	32.38	15.23	47.61
S003A	01/04/1993	N	32.70	14.91	47.61
S003A	04/05/1993	N	34.53	13.08	47.61
S003A	07/06/1993	N	33.80	13.81	47.61
S003A	10/04/1993	N	32.94	14.67	47.61
S003A	01/03/1994	N	33.18	14.43	47.61
S003A	04/04/1994	N	33.62	13.99	47.61
S003A	07/05/1994	N	33.69	13.92	47.61
S003A	10/31/1994	N	33.46	14.15	47.61
S003A	01/03/1995	N	33.84	13.77	47.61
S003A	04/03/1995	N	35.35	12.26	47.61
S003A	07/09/1995	N	34.68	12.93	47.61
S003A	10/09/1995	N	34.59	13.02	47.61
S003A	01/02/1996	N	34.51	12.58	47.09
S003A	04/01/1996	N	34.57	12.52	47.09
S003A	07/08/1996	N	34.46	12.63	47.09
S003A	10/07/1996	N	34.31	12.78	47.09
S003A	01/13/1997	N	34.96	12.13	47.09
S003A	04/07/1997	N	34.71	12.38	47.09
S003A	07/21/1997	N	34.67	12.42	47.09
S003A	10/13/1997	N	34.60	12.49	47.09
S003A	01/10/1998	N	35.36	11.77	47.13
S003A	04/12/1998	N	35.30	11.83	47.13
S003A	07/12/1998	N	35.30	11.83	47.13
S003A	10/04/1998	N	35.16	11.97	47.13
S003A	01/10/1999	N	34.96	12.13	47.09
S003A	04/18/1999	N	35.22	11.87	47.09
S003A	07/17/1999	N	35.05	12.04	47.09
S003A	10/09/1999	N	35.04	12.05	47.09
S003A	01/08/2000	N	34.89	12.2	47.09
S003A	04/08/2000	N	35.17	11.92	47.09
S003A	07/08/2000	N	35.12	11.97	47.09
S003A	10/07/2000	N	35.43	11.66	47.09
S003A	01/06/2001	N	35.53	11.56	47.09
S003A	04/07/2001	N	35.91	11.18	47.09
S003A	07/07/2001	N	35.81	11.28	47.09
S003A	10/06/2001	N	35.60	11.49	47.09
S003A	10/12/2002	N	35.84	11.25	47.09

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S003A	10/10/2003	N	36.12	10.97	47.09
S003A	10/05/2004	N	35.99	11.10	47.09
S003A	10/10/2005	N	36.68	10.41	47.09
S003A	10/12/2006	N	34.39	10.01	44.40
S003A	10/09/2007	N	34.47	9.93	44.40
S003A	10/14/2008	N	33.12	11.28	44.40
S003A	10/12/2009	N	33.49	10.91	44.40
S003A	10/11/2010	N	33.75	10.65	44.40
S003A	10/10/2011	N	34.17	10.23	44.40
S003A	10/09/2012	N	34.00	10.40	44.40
S003A	10/14/2013	N	33.74	10.66	44.40
S003A	10/13/2014	N	33.22	11.18	44.40
S003A	10/14/2015	N	32.56	11.84	44.40
S003A	10/11/2016	N	32.68	11.72	44.40
S003A	10/10/2017	N	33.61	10.79	44.40
S003A	10/09/2018	N	36.80	10.44	47.24
S003B1	01/07/1991	N	31.89	15.66	47.55
S003B1	04/08/1991	N	33.46	14.09	47.55
S003B1	07/08/1991	N	32.54	15.01	47.55
S003B1	10/07/1991	N	32.05	15.5	47.55
S003B1	01/07/1992	N	32.52	15.03	47.55
S003B1	04/06/1992	N	34.40	13.15	47.55
S003B1	07/06/1992	N	33.40	14.15	47.55
S003B1	07/07/1992	N	36.77	10.27	47.04
S003B1	10/05/1992	N	34.02	13.53	47.55
S003B1	01/04/1993	N	33.53	14.02	47.55
S003B1	04/05/1993	N	35.51	12.04	47.55
S003B1	07/06/1993	N	34.73	12.82	47.55
S003B1	10/04/1993	N	33.99	13.56	47.55
S003B1	01/03/1994	N	34.35	13.2	47.55
S003B1	04/04/1994	N	34.98	12.57	47.55
S003B1	07/05/1994	N	35.13	12.42	47.55
S003B1	10/31/1994	N	34.79	12.76	47.55
S003B1	01/03/1995	N	35.45	12.1	47.55
S003B1	04/03/1995	N	37.43	10.12	47.55
S003B1	07/09/1995	N	36.66	10.89	47.55
S003B1	10/09/1995	N	36.75	10.8	47.55
S003B1	01/02/1996	N	36.65	10.39	47.04
S003B1	04/01/1996	N	37.52	9.52	47.04
S003B1	07/08/1996	N	36.77	10.27	47.04
S003B1	10/07/1996	N	36.63	10.41	47.04
S003B1	01/13/1997	N	37.73	9.31	47.04
S003B1	04/07/1997	N	37.27	9.77	47.04
S003B1	07/21/1997	N	37.09	9.95	47.04
S003B1	10/13/1997	N	36.57	10.47	47.04
S003B1	01/10/1998	N	37.73	9.33	47.06

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S003B1	04/12/1998	N	38.13	8.93	47.06
S003B1	07/12/1998	N	38.03	9.03	47.06
S003B1	10/04/1998	N	37.68	9.38	47.06
S003B1	01/10/1999	N	37.33	9.71	47.04
S003B1	04/18/1999	N	37.31	9.73	47.04
S003B1	07/17/1999	N	37.08	9.96	47.04
S003B1	10/09/1999	N	37.46	9.58	47.04
S003B1	01/08/2000	N	37.20	9.84	47.04
S003B1	04/08/2000	N	37.06	9.98	47.04
S003B1	07/08/2000	N	37.09	9.74	46.83
S003B1	10/07/2000	N	37.04	9.79	46.83
S003B1	01/06/2001	N	37.21	9.62	46.83
S003B1	04/07/2001	N	37.40	9.43	46.83
S003B1	07/07/2001	N	37.79	9.04	46.83
S003B1	10/06/2001	N	37.47	9.36	46.83
S003B1	10/12/2002	N	35.29	9.25	44.54
S003B1	10/10/2003	N	35.70	8.84	44.54
S003B1	10/05/2004	N	35.51	9.03	44.54
S003B1	10/10/2005	N	36.03	8.51	44.54
S003B1	10/12/2006	N	35.82	9.38	45.20
S003B1	10/09/2007	N	36.24	8.96	45.20
S003B1	10/14/2008	N	34.37	10.83	45.20
S003B1	10/12/2009	N	34.26	10.94	45.20
S003B1	10/11/2010	N	34.24	10.96	45.20
S003B1	10/10/2011	N	33.38	11.82	45.20
S003B1	10/09/2012	N	34.35	10.85	45.20
S003B1	10/14/2013	N	33.95	11.25	45.20
S003B1	10/13/2014	N	33.48	11.72	45.20
S003B1	10/14/2015	N	32.86	12.34	45.20
S003B1	10/11/2016	N	33.09	12.11	45.20
S003B1	10/10/2017	N	33.94	11.26	45.20
S003B1	10/09/2018	N	37.22	10.82	48.04
S003B3	01/07/1991	N	30.91	16.82	47.73
S003B3	04/08/1991	N	31.92	15.81	47.73
S003B3	07/08/1991	N	31.51	16.22	47.73
S003B3	10/07/1991	N	30.93	16.8	47.73
S003B3	01/10/1992	N	31.89	15.84	47.73
S003B3	04/06/1992	N	34.54	13.19	47.73
S003B3	07/06/1992	N	33.51	14.22	47.73
S003B3	07/07/1992	N	41.52	5.67	47.19
S003B3	10/05/1992	N	34.25	13.48	47.73
S003B3	01/04/1993	N	32.87	14.86	47.73
S003B3	04/05/1993	N	35.85	11.88	47.73
S003B3	07/06/1993	N	35.52	12.21	47.73
S003B3	10/04/1993	N	34.21	13.52	47.73
S003B3	01/17/1994	N	35.80	11.93	47.73

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S003B3	04/04/1994	N	36.75	10.98	47.73
S003B3	07/05/1994	N	36.69	11.04	47.73
S003B3	01/03/1995	N	37.53	10.2	47.73
S003B3	04/03/1995	N	40.62	7.11	47.73
S003B3	07/09/1995	N	40.46	7.27	47.73
S003B3	10/09/1995	N	40.48	7.25	47.73
S003B3	04/01/1996	N	42.46	4.73	47.19
S003B3	07/08/1996	N	41.52	5.67	47.19
S003B3	10/07/1996	N	40.88	6.31	47.19
S003B3	01/13/1997	N	44.04	3.15	47.19
S003B3	04/07/1997	N	44.59	2.6	47.19
S003B3	07/21/1997	N	43.96	3.23	47.19
S003B3	10/13/1997	N	43.64	3.55	47.19
S003B3	01/10/1998	N	44.54	2.65	47.19
S003B3	04/12/1998	N	46.99	0.2	47.19
S003B3	07/12/1998	N	46.40	0.79	47.19
S003B3	10/04/1998	N	45.76	1.43	47.19
S003B3	01/10/1999	N	45.61	1.58	47.19
S003B3	04/18/1999	N	46.40	0.79	47.19
S003B3	07/17/1999	N	45.49	1.7	47.19
S003B3	10/09/1999	N	46.11	1.08	47.19
S003B3	01/08/2000	N	37.18	10.01	47.19
S003B3	04/08/2000	N	40.61	6.58	47.19
S003B3	07/08/2000	N	40.85	6.34	47.19
S003B3	10/07/2000	N	40.19	7	47.19
S003B3	01/06/2001	N	40.89	6.3	47.19
S003B3	04/07/2001	N	42.62	4.57	47.19
S003B3	07/07/2001	N	41.38	5.82	47.20
S003B3	10/06/2001	N	41.20	6.00	47.20
S003B3	10/12/2002	N	42.49	4.70	47.19
S003B3	10/10/2003	N	43.80	3.39	47.19
S003B3	10/05/2004	N	43.24	3.95	47.19
S003B3	10/10/2005	N	45.53	1.66	47.19
S003B3	10/12/2006	N	43.83	3.36	47.19
S003B3	10/09/2007	N	46.19	1.0	47.19
S003B3	10/14/2008	N	45.12	2.07	47.19
S003B3	10/12/2009	N	40.55	6.64	47.19
S003B3	10/11/2010	N	41.58	5.61	47.19
S003B3	10/10/2011	N	43.19	4	47.19
S003B3	10/09/2012	N	42.87	4.32	47.19
S003B3	10/14/2013	N	41.92	5.27	47.19
S003B3	10/13/2014	N	40.88	6.31	47.19
S003B3	10/14/2015	N	39.90	7.29	47.19
S003B3	10/11/2016	N	41.51	5.68	47.19
S003B3	10/10/2017	N	39.96	7.23	47.19
S003B3	10/09/2018	N	46.56	2.22	48.78

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HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S004A	01/07/1991	N	33.66	11.48	45.14
S004A	04/08/1991	N	34.60	10.54	45.14
S004A	07/08/1991	N	34.04	11.1	45.14
S004A	10/07/1991	N	33.88	11.26	45.14
S004A	01/06/1992	N	34.39	10.75	45.14
S004A	04/06/1992	N	34.57	10.57	45.14
S004A	07/06/1992	N	33.79	11.35	45.14
S004A	07/07/1992	N	34.76	9.89	44.65
S004A	10/05/1992	N	33.53	11.61	45.14
S004A	01/04/1993	N	34.44	10.7	45.14
S004A	04/05/1993	N	35.18	9.96	45.14
S004A	07/06/1993	N	34.24	10.9	45.14
S004A	10/04/1993	N	33.98	11.16	45.14
S004A	01/03/1994	N	34.28	10.86	45.14
S004A	04/04/1994	N	34.57	10.57	45.14
S004A	07/05/1994	N	34.38	10.76	45.14
S004A	10/31/1994	N	34.43	10.71	45.14
S004A	01/03/1995	N	34.79	10.35	45.14
S004A	04/03/1995	N	35.88	9.26	45.14
S004A	07/09/1995	N	35.07	10.07	45.14
S004A	10/09/1995	N	34.78	10.36	45.14
S004A	01/02/1996	N	35.07	9.58	44.65
S004A	04/01/1996	N	35.06	9.59	44.65
S004A	07/08/1996	N	34.76	9.89	44.65
S004A	10/07/1996	N	34.56	10.09	44.65
S004A	01/13/1997	N	35.58	9.07	44.65
S004A	04/07/1997	N	34.87	9.78	44.65
S004A	07/21/1997	N	34.71	9.94	44.65
S004A	10/13/1997	N	34.56	10.09	44.65
S004A	01/10/1998	N	35.40	9.25	44.65
S004A	04/12/1998	N	35.56	9.09	44.65
S004A	07/12/1998	N	35.27	9.38	44.65
S004A	10/04/1998	N	35.31	9.34	44.65
S004A	01/10/1999	N	35.17	9.48	44.65
S004A	04/18/1999	N	35.40	9.25	44.65
S004A	07/17/1999	N	35.12	9.53	44.65
S004A	10/09/1999	N	35.13	9.52	44.65
S004A	01/08/2000	N	35.03	9.62	44.65
S004A	04/08/2000	N	35.40	9.25	44.65
S004A	07/08/2000	N	35.00	9.65	44.65
S004A	10/07/2000	N	34.86	9.79	44.65
S004A	01/06/2001	N	34.94	9.71	44.65
S004A	04/07/2001	N	35.27	9.38	44.65
S004A	07/07/2001	N	34.90	9.76	44.66
S004A	10/06/2001	N	34.71	9.94	44.65
S004A	10/12/2002	N	34.62	10.03	44.65

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SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S004A	10/10/2003	N	34.70	9.95	44.65
S004A	10/05/2004	N	34.60	10.05	44.65
S004A	10/10/2005	N	34.94	9.71	44.65
S004A	10/12/2006	N	35.05	9.60	44.65
S004A	10/09/2007	N	39.47	5.18	44.65
S004A	10/14/2008	N	34.96	9.69	44.65
S004A	10/12/2009	N	34.79	9.86	44.65
S004A	10/12/2010	N	34.77	9.88	44.65
S004A	10/10/2011	N	35.10	9.55	44.65
S004A	10/09/2012	N	35.02	9.63	44.65
S004A	10/14/2013	N	34.85	9.8	44.65
S004A	10/13/2014	N	34.63	10.02	44.65
S004A	10/14/2015	N	34.50	10.15	44.65
S004A	10/11/2016	N	34.50	10.15	44.65
S004A	10/10/2017	N	34.91	9.74	44.65
S004A	10/09/2018	N	35.32	9.60	44.92
S004B1	01/07/1991	N	33.73	11.49	45.22
S004B1	04/08/1991	N	34.66	10.56	45.22
S004B1	07/08/1991	N	34.12	11.1	45.22
S004B1	10/07/1991	N	33.98	11.24	45.22
S004B1	01/06/1992	N	34.46	10.76	45.22
S004B1	04/06/1992	N	34.64	10.58	45.22
S004B1	07/06/1992	N	33.70	11.52	45.22
S004B1	07/07/1992	N	34.72	9.94	44.66
S004B1	10/05/1992	N	33.60	11.62	45.22
S004B1	01/04/1993	N	34.48	10.74	45.22
S004B1	04/05/1993	N	35.28	9.94	45.22
S004B1	07/06/1993	N	34.30	10.92	45.22
S004B1	10/04/1993	N	34.06	11.16	45.22
S004B1	01/03/1994	N	34.27	10.95	45.22
S004B1	04/04/1994	N	34.50	10.72	45.22
S004B1	07/05/1994	N	34.45	10.77	45.22
S004B1	10/31/1994	N	34.34	10.88	45.22
S004B1	01/03/1995	N	34.87	10.35	45.22
S004B1	04/03/1995	N	35.98	9.24	45.22
S004B1	07/09/1995	N	35.13	10.09	45.22
S004B1	10/09/1995	N	34.83	10.39	45.22
S004B1	04/01/1996	N	35.17	9.49	44.66
S004B1	07/08/1996	N	34.72	9.94	44.66
S004B1	10/07/1996	N	34.56	10.1	44.66
S004B1	01/13/1997	N	35.60	9.06	44.66
S004B1	04/07/1997	N	34.88	9.78	44.66
S004B1	07/21/1997	N	34.74	9.92	44.66
S004B1	10/13/1997	N	34.57	10.09	44.66
S004B1	01/10/1998	N	35.41	9.25	44.66
S004B1	04/12/1998	N	35.60	9.06	44.66

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811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S004B1	07/12/1998	N	35.27	9.39	44.66
S004B1	10/04/1998	N	35.29	9.37	44.66
S004B1	01/10/1999	N	35.19	9.47	44.66
S004B1	04/18/1999	N	35.40	9.26	44.66
S004B1	07/17/1999	N	35.17	9.49	44.66
S004B1	10/09/1999	N	35.13	9.53	44.66
S004B1	01/08/2000	N	35.03	9.63	44.66
S004B1	04/08/2000	N	35.30	9.36	44.66
S004B1	07/08/2000	N	34.89	9.77	44.66
S004B1	10/07/2000	N	34.76	9.9	44.66
S004B1	01/06/2001	N	34.84	9.82	44.66
S004B1	04/07/2001	N	35.18	9.48	44.66
S004B1	07/07/2001	N	34.78	9.89	44.67
S004B1	10/06/2001	N	34.60	10.06	44.66
S004B1	10/12/2002	N	34.52	10.14	44.66
S004B1	10/10/2003	N	34.60	10.06	44.66
S004B1	10/05/2004	N	34.78	9.88	44.66
S004B1	10/10/2005	N	34.84	9.82	44.66
S004B1	10/12/2006	N	34.96	9.70	44.66
S004B1	10/09/2007	N	37.98	6.68	44.66
S004B1	10/14/2008	N	34.86	9.80	44.66
S004B1	10/12/2009	N	34.69	9.97	44.66
S004B1	10/12/2010	N	34.66	10	44.66
S004B1	10/10/2011	N	35.07	9.59	44.66
S004B1	10/09/2012	N	34.93	9.73	44.66
S004B1	10/14/2013	N	34.73	9.93	44.66
S004B1	10/13/2014	N	34.53	10.13	44.66
S004B1	10/14/2015	N	34.39	10.27	44.66
S004B1	10/11/2016	N	34.41	10.25	44.66
S004B1	10/10/2017	N	34.82	9.84	44.66
S004B1	10/09/2018	N	35.34	9.71	45.05
S005A	01/07/1991	N	25.23	16.52	41.75
S005A	04/08/1991	N	26.26	15.49	41.75
S005A	07/08/1991	N	25.37	16.38	41.75
S005A	10/07/1991	N	25.08	16.67	41.75
S005A	01/06/1992	N	25.22	16.53	41.75
S005A	04/06/1992	N	26.90	14.85	41.75
S005A	07/06/1992	N	26.23	15.52	41.75
S005A	07/07/1992	N	30.85	10.31	41.16
S005A	10/05/1992	N	28.46	13.29	41.75
S005A	01/04/1993	N	28.60	13.15	41.75
S005A	04/05/1993	N	29.69	12.06	41.75
S005A	07/06/1993	N	28.53	13.22	41.75
S005A	10/04/1993	N	28.54	13.21	41.75
S005A	01/03/1994	N	28.46	13.29	41.75
S005A	04/04/1994	N	28.62	13.13	41.75

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HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S005A	07/05/1994	N	29.51	12.24	41.75
S005A	10/31/1994	N	29.75	12	41.75
S005A	01/03/1995	N	30.17	11.58	41.75
S005A	04/03/1995	N	32.68	9.07	41.75
S005A	07/09/1995	N	31.18	10.57	41.75
S005A	10/09/1995	N	31.00	10.75	41.75
S005A	01/02/1996	N	31.04	10.12	41.16
S005A	04/01/1996	N	31.75	9.41	41.16
S005A	07/08/1996	N	30.85	10.31	41.16
S005A	10/07/1996	N	30.48	10.68	41.16
S005A	01/13/1997	N	31.63	9.53	41.16
S005A	04/07/1997	N	31.87	9.29	41.16
S005A	07/21/1997	N	30.69	10.47	41.16
S005A	10/13/1997	N	30.52	10.64	41.16
S005A	01/10/1998	N	31.71	9.45	41.16
S005A	04/12/1998	N	32.52	8.64	41.16
S005A	07/12/1998	N	31.24	9.92	41.16
S005A	10/04/1998	N	31.19	9.97	41.16
S005A	01/10/1999	N	31.11	10.05	41.16
S005A	04/18/1999	N	31.27	9.89	41.16
S005A	07/17/1999	N	30.73	10.43	41.16
S005A	10/09/1999	N	31.95	9.21	41.16
S005A	01/08/2000	N	30.79	10.47	41.26
S005A	04/08/2000	N	31.72	9.54	41.26
S005A	07/08/2000	N	31.37	9.89	41.26
S005A	10/07/2000	N	30.86	10.4	41.26
S005A	01/06/2001	N	31.40	9.86	41.26
S005A	04/07/2001	N	32.13	9.13	41.26
S005A	07/07/2001	N	31.76	9.50	41.26
S005A	10/06/2001	N	31.91	9.35	41.26
S005A	10/12/2002	N	32.24	9.02	41.26
S005A	10/10/2003	N	32.93	8.33	41.26
S005A	10/05/2004	N	32.67	8.59	41.26
S005A	10/10/2005	N	34.82	6.44	41.26
S005A	10/12/2006	N	34.59	6.67	41.26
S005A	10/09/2007	N	34.66	6.60	41.26
S005A	10/14/2008	N	34.33	6.93	41.26
S005A	10/12/2009	N	34.22	7.04	41.26
S005A	10/11/2010	N	33.49	7.77	41.26
S005A	10/10/2011	N	33.80	7.46	41.26
S005A	10/09/2012	N	33.89	7.37	41.26
S005A	10/14/2013	N	33.24	8.02	41.26
S005A	10/14/2014	N	NA	NA	41.26
S005A	10/15/2015	N	33.03	8.23	41.26
S005A	10/13/2016	N	33.20	8.06	41.26
S005A	10/10/2017	N	33.92	7.34	41.26

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HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S005A	10/09/2018	N	34.90	6.54	41.44
S005B1	01/07/1991	N	14.26	27.48	41.74
S005B1	04/08/1991	N	18.36	23.38	41.74
S005B1	07/08/1991	N	17.28	24.46	41.74
S005B1	10/07/1991	N	15.94	25.8	41.74
S005B1	01/06/1992	N	18.94	22.8	41.74
S005B1	04/06/1992	N	20.66	21.08	41.74
S005B1	07/06/1992	N	21.12	20.62	41.74
S005B1	07/07/1992	N	18.70	22.51	41.21
S005B1	10/05/1992	N	23.01	18.73	41.74
S005B1	01/04/1993	N	14.70	27.04	41.74
S005B1	04/05/1993	N	16.09	25.65	41.74
S005B1	07/06/1993	N	18.32	23.42	41.74
S005B1	10/04/1993	N	17.11	24.63	41.74
S005B1	01/03/1994	N	17.56	24.18	41.74
S005B1	04/04/1994	N	17.86	23.88	41.74
S005B1	07/05/1994	N	17.96	23.78	41.74
S005B1	10/31/1994	N	15.16	26.58	41.74
S005B1	01/03/1995	N	16.84	24.9	41.74
S005B1	04/03/1995	N	17.99	23.75	41.74
S005B1	07/09/1995	N	17.63	24.11	41.74
S005B1	10/09/1995	N	18.67	23.07	41.74
S005B1	01/02/1996	N	15.28	25.93	41.21
S005B1	04/01/1996	N	23.55	17.66	41.21
S005B1	07/08/1996	N	18.70	22.51	41.21
S005B1	10/07/1996	N	11.88	29.33	41.21
S005B1	01/13/1997	N	23.39	17.82	41.21
S005B1	04/07/1997	N	22.46	18.75	41.21
S005B1	07/21/1997	N	20.93	20.28	41.21
S005B1	10/13/1997	N	28.46	12.75	41.21
S005B1	01/10/1998	N	21.64	19.57	41.21
S005B1	04/12/1998	N	25.42	15.79	41.21
S005B1	07/12/1998	N	22.17	19.04	41.21
S005B1	10/04/1998	N	22.37	18.84	41.21
S005B1	01/10/1999	N	20.93	20.28	41.21
S005B1	04/18/1999	N	18.20	23.01	41.21
S005B1	07/17/1999	N	20.04	21.17	41.21
S005B1	10/09/1999	N	24.24	16.97	41.21
S005B1	01/08/2000	N	18.50	22.61	41.11
S005B1	04/08/2000	N	19.26	21.85	41.11
S005B1	07/08/2000	N	18.50	22.61	41.11
S005B1	10/07/2000	N	17.64	23.47	41.11
S005B1	01/06/2001	N	20.80	20.31	41.11
S005B1	04/07/2001	N	24.87	16.24	41.11
S005B1	07/07/2001	N	18.55	22.56	41.11
S005B1	10/06/2001	N	21.94	19.17	41.11

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HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S005B1	10/12/2002	N	27.33	13.78	41.11
S005B1	10/10/2003	N	29.39	11.72	41.11
S005B1	10/05/2004	N	29.81	11.30	41.11
S005B1	10/10/2005	N	34.40	6.71	41.11
S005B1	10/12/2006	N	30.90	10.21	41.11
S005B1	10/09/2007	N	34.39	6.72	41.11
S005B1	10/14/2008	N	28.27	12.84	41.11
S005B1	10/12/2009	N	28.22	12.89	41.11
S005B1	10/11/2010	N	31.52	9.26	40.78
S005B1	10/10/2011	N	32.62	8.16	40.78
S005B1	10/09/2012	N	32.04	8.74	40.78
S005B1	10/14/2013	N	31.63	9.15	40.78
S005B1	10/14/2014	N	NA	NA	40.78
S005B1	10/15/2015	N	31.58	9.20	40.78
S005B1	10/13/2016	N	32.06	8.72	40.78
S005B1	10/10/2017	N	32.90	7.88	40.78
S005B1	10/09/2018	N	34.48	6.69	41.17
S005B3	01/07/1991	N	27.22	14.49	41.71
S005B3	04/08/1991	N	28.68	13.03	41.71
S005B3	07/08/1991	N	27.76	13.95	41.71
S005B3	10/07/1991	N	27.07	14.64	41.71
S005B3	01/06/1992	N	27.88	13.83	41.71
S005B3	04/06/1992	N	30.85	10.86	41.71
S005B3	07/06/1992	N	29.59	12.12	41.71
S005B3	07/07/1992	N	35.62	5.51	41.13
S005B3	10/05/1992	N	31.71	10	41.71
S005B3	01/04/1993	N	28.25	13.46	41.71
S005B3	04/05/1993	N	31.40	10.31	41.71
S005B3	07/06/1993	N	31.21	10.5	41.71
S005B3	10/04/1993	N	29.32	12.39	41.71
S005B3	01/03/1994	N	30.53	11.18	41.71
S005B3	04/04/1994	N	31.34	10.37	41.71
S005B3	07/05/1994	N	31.38	10.33	41.71
S005B3	10/31/1994	N	31.25	10.46	41.71
S005B3	01/03/1995	N	32.75	8.96	41.71
S005B3	04/03/1995	N	35.47	6.24	41.71
S005B3	07/09/1995	N	34.77	6.94	41.71
S005B3	10/09/1995	N	35.37	6.34	41.71
S005B3	01/02/1996	N	35.02	6.11	41.13
S005B3	04/01/1996	N	36.97	4.16	41.13
S005B3	07/08/1996	N	35.62	5.51	41.13
S005B3	10/07/1996	N	34.99	6.14	41.13
S005B3	01/13/1997	N	38.19	2.94	41.13
S005B3	04/07/1997	N	38.78	2.35	41.13
S005B3	07/21/1997	N	38.28	2.85	41.13
S005B3	10/13/1997	N	38.22	2.91	41.13

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S005B3	01/10/1998	N	38.89	2.24	41.13
S005B3	07/12/1998	N	40.36	0.77	41.13
S005B3	10/04/1998	N	39.89	1.24	41.13
S005B3	01/10/1999	N	39.41	1.72	41.13
S005B3	04/18/1999	N	39.84	1.29	41.13
S005B3	07/17/1999	N	39.33	1.8	41.13
S005B3	10/09/1999	N	40.15	0.98	41.13
S005B3	01/08/2000	N	36.10	5.03	41.13
S005B3	04/08/2000	N	37.44	3.69	41.13
S005B3	07/08/2000	N	36.81	4.32	41.13
S005B3	10/07/2000	N	36.12	5.01	41.13
S005B3	01/06/2001	N	35.88	5.25	41.13
S005B3	04/07/2001	N	38.40	2.73	41.13
S005B3	07/07/2001	N	36.47	4.66	41.13
S005B3	10/06/2001	N	36.30	4.83	41.13
S005B3	10/12/2002	N	38.51	2.62	41.13
S005B3	10/10/2003	N	40.35	0.78	41.13
S005B3	10/05/2004	N	40.54	0.59	41.13
S005B3	10/10/2005	N	NA	NA	41.13
S005B3	10/12/2006	N	41.64	-0.51	41.13
S005B3	10/09/2007	N	42.58	-1.45	41.13
S005B3	10/14/2008	N	42.04	-0.91	41.13
S005B3	10/12/2009	N	40.19	0.94	41.13
S005B3	10/11/2010	N	NA	NA	40.80
S005B3	10/10/2011	N	42.32	-1.52	40.80
S005B3	10/14/2014	N	NA	NA	40.80
S005B3	10/15/2015	N	38.94	1.86	40.80
S005B3	10/13/2016	N	40.35	0.45	40.80
S005B3	10/10/2017	N	NA	NA	40.80
S005B3	10/09/2018	N	42.36	-1.23	41.13
S006A	01/07/1991	N	29.66	16.81	46.47
S006A	04/08/1991	N	32.55	13.92	46.47
S006A	07/08/1991	N	32.64	13.83	46.47
S006A	10/07/1991	N	26.89	19.58	46.47
S006A	01/06/1992	N	27.12	19.35	46.47
S006A	04/06/1992	N	34.31	12.16	46.47
S006A	07/06/1992	N	31.60	14.87	46.47
S006A	07/07/1992	N	33.66	12.29	45.95
S006A	10/05/1992	N	37.42	9.05	46.47
S006A	01/04/1993	N	30.91	15.56	46.47
S006A	04/05/1993	N	31.89	14.58	46.47
S006A	07/06/1993	N	31.56	14.91	46.47
S006A	10/04/1993	N	34.88	11.59	46.47
S006A	01/03/1994	N	31.69	14.78	46.47
S006A	04/04/1994	N	31.53	14.94	46.47
S006A	07/05/1994	N	32.35	14.12	46.47

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S006A	10/31/1994	N	32.13	14.34	46.47
S006A	01/03/1995	N	37.12	9.35	46.47
S006A	04/03/1995	N	35.81	10.66	46.47
S006A	07/09/1995	N	33.72	12.75	46.47
S006A	10/09/1995	N	33.36	13.11	46.47
S006A	01/02/1996	N	34.61	11.34	45.95
S006A	04/01/1996	N	36.69	9.26	45.95
S006A	07/08/1996	N	33.66	12.29	45.95
S006A	10/07/1996	N	32.93	13.02	45.95
S006A	01/13/1997	N	34.82	11.13	45.95
S006A	04/07/1997	N	36.27	9.68	45.95
S006A	07/21/1997	N	37.22	8.73	45.95
S006A	10/13/1997	N	34.50	11.45	45.95
S006A	01/10/1998	N	35.79	10.16	45.95
S006A	04/12/1998	N	36.56	9.39	45.95
S006A	07/12/1998	N	36.69	9.26	45.95
S006A	10/04/1998	N	37.19	8.76	45.95
S006A	01/10/1999	N	38.06	7.89	45.95
S006A	04/18/1999	N	36.24	9.71	45.95
S006A	07/17/1999	N	35.23	10.72	45.95
S006A	10/09/1999	N	35.32	10.63	45.95
S006A	01/08/2000	N	36.10	9.85	45.95
S006A	04/08/2000	N	35.64	10.31	45.95
S006A	07/08/2000	N	35.42	10.53	45.95
S006A	10/07/2000	N	35.08	10.87	45.95
S006A	01/06/2001	N	36.38	9.57	45.95
S006A	04/07/2001	N	35.92	10.03	45.95
S006A	07/07/2001	N	35.44	10.51	45.95
S006A	10/06/2001	N	35.19	10.76	45.95
S006A	10/12/2002	N	35.90	10.05	45.95
S006A	10/10/2003	N	36.34	9.61	45.95
S006A	10/05/2004	N	36.04	9.91	45.95
S006A	10/10/2005	N	37.01	8.94	45.95
S006A	10/12/2006	N	37.06	8.89	45.95
S006A	10/09/2007	N	37.27	8.68	45.95
S006A	10/14/2008	N	36.21	9.74	45.95
S006A	10/12/2009	N	36.14	9.81	45.95
S006A	10/11/2010	N	36.77	9.18	45.95
S006A	10/10/2011	N	37.70	8.25	45.95
S006A	10/09/2012	N	36.90	9.05	45.95
S006A	10/14/2013	N	36.61	9.34	45.95
S006A	10/13/2014	N	NA	NA	45.95
S006A	10/14/2015	N	35.68	10.27	45.95
S006A	10/11/2016	N	35.69	10.26	45.95
S006A	10/10/2017	U	NA	NA	45.95
S006A	10/09/2018	N	37.22	8.87	46.09

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S007A	01/07/1991	N	30.41	15.88	46.29
S007A	04/08/1991	N	31.08	15.21	46.29
S007A	07/08/1991	N	30.50	15.79	46.29
S007A	10/07/1991	N	30.29	16	46.29
S007A	01/06/1992	N	28.91	17.38	46.29
S007A	04/06/1992	N	31.81	14.48	46.29
S007A	07/06/1992	N	32.09	14.2	46.29
S007A	07/07/1992	N	35.67	10.07	45.74
S007A	10/05/1992	N	33.74	12.55	46.29
S007A	01/04/1993	N	33.68	12.61	46.29
S007A	04/05/1993	N	34.13	12.16	46.29
S007A	07/06/1993	N	33.37	12.92	46.29
S007A	10/04/1993	N	35.42	10.87	46.29
S007A	01/03/1994	N	33.58	12.71	46.29
S007A	04/04/1994	N	33.62	12.67	46.29
S007A	07/05/1994	N	34.18	12.11	46.29
S007A	10/31/1994	N	34.90	11.39	46.29
S007A	01/03/1995	N	35.46	10.83	46.29
S007A	04/03/1995	N	36.50	9.79	46.29
S007A	07/09/1995	N	35.57	10.72	46.29
S007A	10/09/1995	N	35.24	11.05	46.29
S007A	01/02/1996	N	36.24	9.5	45.74
S007A	04/01/1996	N	36.79	8.95	45.74
S007A	07/08/1996	N	35.67	10.07	45.74
S007A	10/07/1996	N	35.05	10.69	45.74
S007A	01/13/1997	N	36.49	9.25	45.74
S007A	04/07/1997	N	36.34	9.4	45.74
S007A	07/21/1997	N	36.35	9.39	45.74
S007A	10/13/1997	N	35.80	9.94	45.74
S007A	01/10/1998	N	36.70	9.04	45.74
S007A	04/12/1998	N	37.25	8.49	45.74
S007A	07/12/1998	N	36.78	8.96	45.74
S007A	10/04/1998	N	36.81	8.93	45.74
S007A	01/10/1999	N	37.70	8.04	45.74
S007A	04/18/1999	N	36.50	9.24	45.74
S007A	07/17/1999	N	36.08	9.66	45.74
S007A	10/09/1999	N	36.38	9.36	45.74
S007A	01/08/2000	N	36.63	9.11	45.74
S007A	04/08/2000	N	36.52	9.22	45.74
S007A	07/08/2000	N	36.29	9.45	45.74
S007A	10/07/2000	N	36.33	9.41	45.74
S007A	01/06/2001	N	36.46	9.28	45.74
S007A	04/07/2001	N	36.73	9.01	45.74
S007A	07/07/2001	N	36.39	9.35	45.74
S007A	10/06/2001	N	36.21	9.53	45.74
S007A	10/12/2002	N	36.40	9.34	45.74

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HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S007A	10/10/2003	N	36.89	8.85	45.74
S007A	10/05/2004	N	36.70	9.04	45.74
S007A	10/10/2005	N	37.97	7.77	45.74
S007A	10/12/2006	N	38.14	7.60	45.74
S007A	10/09/2007	N	38.09	7.65	45.74
S007A	10/14/2008	N	35.86	9.88	45.74
S007A	10/12/2009	N	35.81	9.93	45.74
S007A	10/11/2010	N	37.49	8.25	45.74
S007A	10/10/2011	N	37.95	7.79	45.74
S007A	10/09/2012	N	37.68	8.06	45.74
S007A	10/14/2013	N	37.36	8.38	45.74
S007A	10/13/2014	N	37.11	8.63	45.74
S007A	10/14/2015	N	36.29	9.45	45.74
S007A	10/11/2016	N	36.33	9.41	45.74
S007A	10/10/2017	N	37.30	8.44	45.74
S007A	10/09/2018	N	38.04	7.85	45.89
S021AR	04/08/1991	N	38.03	15.36	53.39
S021AR	07/08/1991	N	37.19	16.2	53.39
S021AR	10/07/1991	N	36.93	16.46	53.39
S021AR	01/06/1992	N	36.99	16.4	53.39
S021AR	04/07/1992	N	38.21	15.18	53.39
S021AR	07/06/1992	N	37.29	16.1	53.39
S021AR	07/07/1992	N	40.34	12.47	52.81
S021AR	10/05/1992	N	37.64	15.75	53.39
S021AR	01/04/1993	N	38.00	15.39	53.39
S021AR	04/05/1993	N	38.72	14.67	53.39
S021AR	07/06/1993	N	38.76	14.63	53.39
S021AR	10/04/1993	N	38.44	14.95	53.39
S021AR	01/03/1994	N	38.62	14.77	53.39
S021AR	04/04/1994	N	38.76	14.63	53.39
S021AR	07/05/1994	N	38.81	14.58	53.39
S021AR	10/31/1994	N	39.01	14.38	53.39
S021AR	01/03/1995	N	39.17	14.22	53.39
S021AR	04/03/1995	N	40.85	12.54	53.39
S021AR	07/09/1995	N	40.30	13.09	53.39
S021AR	10/09/1995	N	40.31	13.08	53.39
S021AR	01/02/1996	N	39.87	12.94	52.81
S021AR	04/01/1996	N	39.97	12.84	52.81
S021AR	07/08/1996	N	40.34	12.47	52.81
S021AR	10/07/1996	N	40.00	12.81	52.81
S021AR	01/13/1997	N	40.42	12.39	52.81
S021AR	04/07/1997	N	41.54	11.27	52.81
S021AR	07/21/1997	N	40.81	12	52.81
S021AR	10/13/1997	N	40.72	12.09	52.81
S021AR	01/10/1998	N	41.38	11.43	52.81
S021AR	04/12/1998	N	41.42	11.39	52.81

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S021AR	07/12/1998	N	41.55	11.26	52.81
S021AR	10/04/1998	N	41.41	11.4	52.81
S021AR	01/10/1999	N	41.45	11.36	52.81
S021AR	04/18/1999	N	41.64	11.17	52.81
S021AR	07/17/1999	N	41.37	11.44	52.81
S021AR	10/09/1999	N	41.35	11.46	52.81
S021AR	01/08/2000	N	40.92	11.89	52.81
S021AR	04/08/2000	N	41.57	11.24	52.81
S021AR	07/08/2000	N	41.39	11.42	52.81
S021AR	10/07/2000	N	41.47	11.34	52.81
S021AR	01/06/2001	N	41.46	11.35	52.81
S021AR	04/07/2001	N	41.82	10.99	52.81
S021AR	07/07/2001	N	41.64	11.17	52.81
S021AR	10/06/2001	N	41.54	11.27	52.81
S021AR	10/12/2002	N	41.12	11.69	52.81
S021AR	10/10/2003	N	41.75	11.06	52.81
S021AR	10/05/2004	N	41.33	11.48	52.81
S021AR	10/10/2005	N	41.99	10.82	52.81
S021AR	10/12/2006	N	42.39	10.42	52.81
S021AR	10/09/2007	N	42.26	10.55	52.81
S021AR	10/14/2008	N	41.68	11.13	52.81
S021AR	10/12/2009	N	41.59	11.22	52.81
S021AR	10/11/2010	N	41.69	11.12	52.81
S021AR	10/10/2011	N	42.16	10.65	52.81
S021AR	10/09/2012	N	41.94	10.87	52.81
S021AR	10/14/2013	N	41.72	11.09	52.81
S021AR	10/13/2014	N	40.90	11.91	52.81
S021AR	10/14/2015	N	40.04	12.77	52.81
S021AR	10/11/2016	N	40.27	12.54	52.81
S021AR	10/10/2017	N	41.47	11.34	52.81
S021AR	10/09/2018	U	NA	NA	52.81
S023A	01/07/1991	Y	NA	NA	47.00
S023A	04/08/1991	Y	NA	NA	47.00
S023A	07/08/1991	Y	NA	NA	47.00
S023A	10/07/1991	Y	NA	NA	47.00
S023A	01/06/1992	Y	NA	NA	47.00
S023A	04/06/1992	Y	NA	NA	47.00
S023A	07/06/1992	Y	NA	NA	47.00
S023A	07/07/1992	N	32.68	14.32	47.00
S023A	10/05/1992	N	31.27	16.45	47.72
S023A	01/04/1993	Y	NA	NA	47.72
S023A	04/05/1993	N	30.89	16.83	47.72
S023A	07/06/1993	N	31.56	16.16	47.72
S023A	10/04/1993	Y	NA	NA	47.72
S023A	01/03/1994	N	30.57	17.15	47.72
S023A	04/04/1994	N	30.63	17.09	47.72

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HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S023A	07/05/1994	N	31.14	16.58	47.72
S023A	10/31/1994	N	31.45	16.27	47.72
S023A	01/03/1995	N	33.17	14.55	47.72
S023A	04/03/1995	N	34.37	13.35	47.72
S023A	07/09/1995	N	32.94	14.78	47.72
S023A	10/09/1995	N	33.40	14.32	47.72
S023A	01/02/1996	N	33.28	13.72	47.00
S023A	04/01/1996	N	36.63	10.37	47.00
S023A	07/08/1996	N	32.68	14.32	47.00
S023A	10/07/1996	N	32.30	14.7	47.00
S023A	01/13/1997	N	34.38	12.62	47.00
S023A	04/07/1997	N	34.26	12.74	47.00
S023A	07/21/1997	N	34.06	12.94	47.00
S023A	10/13/1997	N	34.37	12.63	47.00
S023A	01/10/1998	N	35.29	11.71	47.00
S023A	04/12/1998	N	36.96	10.04	47.00
S023A	07/12/1998	N	35.64	11.36	47.00
S023A	10/04/1998	N	34.89	12.11	47.00
S023A	01/10/1999	N	34.94	12.06	47.00
S023A	04/18/1999	N	35.33	11.67	47.00
S023A	07/17/1999	N	35.17	11.83	47.00
S023A	10/09/1999	N	35.32	11.68	47.00
S023A	01/08/2000	N	34.46	12.54	47.00
S023A	04/08/2000	N	34.92	12.08	47.00
S023A	07/08/2000	N	35.24	11.76	47.00
S023A	10/07/2000	N	34.18	12.82	47.00
S023A	01/06/2001	N	34.23	12.77	47.00
S023A	04/07/2001	N	35.66	11.34	47.00
S023A	07/07/2001	N	35.03	11.97	47.00
S023A	10/06/2001	N	34.53	12.47	47.00
S023A	10/12/2002	N	35.04	11.96	47.00
S023A	10/10/2003	N	38.59	8.41	47.00
S023A	10/05/2004	N	38.57	8.43	47.00
S023A	10/10/2005	N	NA	NA	47.00
S023A	10/12/2006	U	NA	NA	47.00
S023A	10/09/2007	U	NA	NA	44.30
S023A	10/13/2009	N	NA	NA	47.00
S023B1	01/07/1991	N	30.04	17.78	47.82
S023B1	04/08/1991	N	30.43	17.39	47.82
S023B1	07/08/1991	N	30.11	17.71	47.82
S023B1	10/07/1991	N	29.96	17.86	47.82
S023B1	01/06/1992	Y	NA	NA	47.82
S023B1	04/06/1992	N	30.98	16.84	47.82
S023B1	07/06/1992	N	31.10	16.72	47.82
S023B1	07/07/1992	N	37.04	10.38	47.42
S023B1	10/05/1992	N	32.76	15.06	47.82

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HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S023B1	01/04/1993	N	33.33	14.49	47.82
S023B1	04/05/1993	N	34.98	12.84	47.82
S023B1	07/06/1993	N	34.25	13.57	47.82
S023B1	10/04/1993	N	34.79	13.03	47.82
S023B1	01/03/1994	N	34.29	13.53	47.82
S023B1	04/04/1994	N	33.70	14.12	47.82
S023B1	07/05/1994	N	35.00	12.82	47.82
S023B1	10/31/1994	N	35.45	12.37	47.82
S023B1	01/03/1995	N	35.58	12.24	47.82
S023B1	04/03/1995	N	37.36	10.46	47.82
S023B1	07/09/1995	N	36.75	11.07	47.82
S023B1	10/09/1995	N	36.59	11.23	47.82
S023B1	01/02/1996	N	37.15	10.27	47.42
S023B1	04/01/1996	N	37.83	9.59	47.42
S023B1	07/08/1996	N	37.04	10.38	47.42
S023B1	10/07/1996	N	36.56	10.86	47.42
S023B1	01/13/1997	N	37.70	9.72	47.42
S023B1	04/07/1997	N	37.62	9.8	47.42
S023B1	07/21/1997	N	37.39	10.03	47.42
S023B1	10/13/1997	N	37.23	10.19	47.42
S023B1	01/10/1998	N	38.05	9.37	47.42
S023B1	04/12/1998	N	38.62	8.8	47.42
S023B1	07/12/1998	N	38.19	9.23	47.42
S023B1	10/04/1998	N	38.06	9.36	47.42
S023B1	01/10/1999	N	38.18	9.24	47.42
S023B1	04/18/1999	N	38.09	9.33	47.42
S023B1	07/17/1999	N	37.67	9.75	47.42
S023B1	10/09/1999	N	37.86	9.56	47.42
S023B1	01/08/2000	N	37.84	9.48	47.32
S023B1	04/08/2000	N	38.03	9.29	47.32
S023B1	07/08/2000	N	37.88	9.44	47.32
S023B1	10/07/2000	N	38.09	9.23	47.32
S023B1	01/06/2001	N	37.92	9.4	47.32
S023B1	04/07/2001	N	38.27	9.05	47.32
S023B1	07/07/2001	N	38.03	9.29	47.32
S023B1	10/06/2001	N	37.82	9.50	47.32
S023B1	10/12/2002	N	37.92	9.40	47.32
S023B1	10/10/2003	N	38.47	8.85	47.32
S023B1	10/05/2004	N	38.32	9.00	47.32
S023B1	10/10/2005	N	NA	NA	47.32
S023B1	10/12/2006	U	NA	NA	47.32
S023B1	10/09/2007	U	NA	NA	44.62
S023B1	10/13/2009	N	NA	NA	47.32
S024A	01/07/1991	N	29.34	18.06	47.40
S024A	04/08/1991	N	30.50	16.9	47.40
S024A	07/08/1991	N	29.47	17.93	47.40

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S024A	10/07/1991	N	29.32	18.08	47.40
S024A	01/06/1992	N	29.97	17.43	47.40
S024A	04/06/1992	N	31.40	16	47.40
S024A	07/06/1992	N	30.92	16.48	47.40
S024A	07/07/1992	N	36.17	10.6	46.77
S024A	10/05/1992	N	32.84	14.56	47.40
S024A	01/04/1993	N	33.26	14.14	47.40
S024A	04/05/1993	N	34.20	13.2	47.40
S024A	07/06/1993	N	33.28	14.12	47.40
S024A	10/04/1993	N	33.77	13.63	47.40
S024A	01/03/1994	N	33.46	13.94	47.40
S024A	04/04/1994	N	33.34	14.06	47.40
S024A	07/05/1994	N	34.47	12.93	47.40
S024A	10/31/1994	N	34.83	12.57	47.40
S024A	01/03/1995	N	35.05	12.35	47.40
S024A	04/03/1995	N	36.70	10.7	47.40
S024A	07/09/1995	N	36.21	11.19	47.40
S024A	10/09/1995	N	35.58	11.82	47.40
S024A	01/02/1996	N	36.50	10.27	46.77
S024A	04/01/1996	N	37.64	9.13	46.77
S024A	07/08/1996	N	36.17	10.6	46.77
S024A	10/07/1996	N	35.70	11.07	46.77
S024A	01/13/1997	N	36.67	10.1	46.77
S024A	04/07/1997	N	36.86	9.91	46.77
S024A	07/21/1997	N	36.56	10.21	46.77
S024A	10/13/1997	N	36.46	10.31	46.77
S024A	01/10/1998	N	37.22	9.55	46.77
S024A	04/12/1998	N	37.57	9.2	46.77
S024A	07/12/1998	N	37.12	9.65	46.77
S024A	10/04/1998	N	37.04	9.73	46.77
S024A	01/10/1999	N	37.09	9.68	46.77
S024A	04/18/1999	N	37.00	9.77	46.77
S024A	07/17/1999	N	36.71	10.06	46.77
S024A	10/09/1999	N	37.02	9.75	46.77
S024A	01/08/2000	N	36.60	10.12	46.72
S024A	04/08/2000	N	36.76	9.96	46.72
S024A	07/08/2000	N	36.69	10.03	46.72
S024A	10/07/2000	N	36.96	9.76	46.72
S024A	01/06/2001	N	36.78	9.94	46.72
S024A	04/07/2001	N	37.04	9.68	46.72
S024A	07/07/2001	N	36.90	9.82	46.72
S024A	10/06/2001	N	36.72	10.00	46.72
S024A	10/12/2002	N	36.80	9.92	46.72
S024A	10/10/2003	N	37.13	9.59	46.72
S024A	10/05/2004	N	37.01	9.71	46.72
S024A	10/10/2005	N	38.52	8.20	46.72

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S024A	10/12/2006	N	36.31	8.35	44.66
S024A	10/09/2007	N	36.37	8.29	44.66
S024A	10/14/2008	N	35.63	9.03	44.66
S024A	10/12/2009	N	35.27	9.39	44.66
S024A	10/11/2010	N	35.47	9.19	44.66
S024A	10/10/2011	N	35.85	8.81	44.66
S024A	10/09/2012	N	35.62	9.04	44.66
S024A	10/14/2013	N	35.30	9.36	44.66
S024A	10/13/2014	N	35.05	9.61	44.66
S024A	10/14/2015	N	34.15	10.51	44.66
S024A	10/11/2016	N	34.23	10.43	44.66
S024A	10/10/2017	N	35.27	9.39	44.66
S024A	10/09/2018	N	38.57	8.87	47.44
S024B1	01/07/1991	N	25.19	22.86	48.05
S024B1	04/08/1991	N	31.08	16.97	48.05
S024B1	07/08/1991	N	29.98	18.07	48.05
S024B1	10/07/1991	N	29.97	18.08	48.05
S024B1	01/06/1992	N	29.54	18.51	48.05
S024B1	04/06/1992	N	31.96	16.09	48.05
S024B1	07/06/1992	N	31.53	16.52	48.05
S024B1	07/07/1992	N	35.21	11.57	46.78
S024B1	10/05/1992	N	33.19	14.86	48.05
S024B1	01/04/1993	N	33.57	14.48	48.05
S024B1	04/05/1993	N	34.58	13.47	48.05
S024B1	07/06/1993	N	33.45	14.6	48.05
S024B1	10/04/1993	N	33.93	14.12	48.05
S024B1	01/03/1994	N	33.62	14.43	48.05
S024B1	04/04/1994	N	33.54	14.51	48.05
S024B1	07/05/1994	N	34.71	13.34	48.05
S024B1	10/31/1994	N	34.73	13.32	48.05
S024B1	01/03/1995	N	34.97	13.08	48.05
S024B1	04/03/1995	N	36.74	11.31	48.05
S024B1	07/09/1995	N	35.88	12.17	48.05
S024B1	10/09/1995	N	35.89	12.16	48.05
S024B1	01/02/1996	N	35.50	11.28	46.78
S024B1	04/01/1996	N	36.22	10.56	46.78
S024B1	07/08/1996	N	35.21	11.57	46.78
S024B1	10/07/1996	N	34.78	12	46.78
S024B1	01/13/1997	N	35.90	10.88	46.78
S024B1	04/07/1997	N	36.84	9.94	46.78
S024B1	07/21/1997	N	35.44	11.34	46.78
S024B1	10/13/1997	N	35.38	11.4	46.78
S024B1	01/10/1998	N	36.02	10.76	46.78
S024B1	04/12/1998	N	36.46	10.32	46.78
S024B1	07/12/1998	N	35.93	10.85	46.78
S024B1	10/04/1998	N	35.86	10.92	46.78

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S024B1	01/10/1999	N	35.83	10.95	46.78
S024B1	04/18/1999	N	35.97	10.81	46.78
S024B1	07/17/1999	N	35.53	11.25	46.78
S024B1	10/09/1999	N	35.98	10.8	46.78
S024B1	01/08/2000	N	35.57	11.35	46.92
S024B1	04/08/2000	N	35.83	11.09	46.92
S024B1	07/08/2000	N	35.80	11.12	46.92
S024B1	10/07/2000	N	35.89	11.03	46.92
S024B1	01/06/2001	N	35.90	11.02	46.92
S024B1	04/07/2001	N	36.24	10.68	46.92
S024B1	07/07/2001	N	36.05	10.87	46.92
S024B1	10/06/2001	N	35.92	11.00	46.92
S024B1	10/12/2002	N	36.21	10.71	46.92
S024B1	10/10/2003	N	36.63	10.29	46.92
S024B1	10/05/2004	N	36.50	10.42	46.92
S024B1	10/10/2005	N	38.26	8.66	46.92
S024B1	10/12/2006	N	35.83	8.72	44.55
S024B1	10/09/2007	N	36.03	8.52	44.55
S024B1	10/14/2008	N	35.48	9.07	44.55
S024B1	10/12/2009	N	36.64	7.91	44.55
S024B1	10/11/2010	N	34.94	9.61	44.55
S024B1	10/10/2011	N	35.40	9.15	44.55
S024B1	10/09/2012	N	35.18	9.37	44.55
S024B1	10/14/2013	N	34.82	9.73	44.55
S024B1	10/13/2014	N	34.66	9.89	44.55
S024B1	10/14/2015	N	33.76	10.79	44.55
S024B1	10/11/2016	N	33.83	10.72	44.55
S024B1	10/10/2017	N	34.88	9.67	44.55
S024B1	10/09/2018	N	38.25	9.11	47.36
S025A	01/07/1991	N	25.38	19.37	44.75
S025A	04/08/1991	N	25.81	18.94	44.75
S025A	07/08/1991	N	25.74	19.01	44.75
S025A	10/07/1991	N	25.62	19.13	44.75
S025A	01/06/1992	N	26.31	18.44	44.75
S025A	04/06/1992	N	26.16	18.59	44.75
S025A	07/06/1992	N	26.63	18.12	44.75
S025A	07/07/1992	N	26.41	18	44.41
S025A	10/05/1992	N	26.46	18.29	44.75
S025A	01/04/1993	N	25.87	18.88	44.75
S025A	04/05/1993	N	26.28	18.47	44.75
S025A	07/06/1993	N	26.85	17.9	44.75
S025A	10/04/1993	N	26.51	18.24	44.75
S025A	01/03/1994	N	28.92	15.83	44.75
S025A	04/04/1994	N	26.67	18.08	44.75
S025A	07/05/1994	N	26.86	17.89	44.75
S025A	10/31/1994	N	26.75	18	44.75

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HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S025A	01/03/1995	N	26.75	18	44.75
S025A	04/03/1995	N	27.87	16.88	44.75
S025A	07/09/1995	N	26.82	17.93	44.75
S025A	10/09/1995	N	26.63	18.12	44.75
S025A	01/02/1996	N	26.51	17.9	44.41
S025A	04/01/1996	N	26.78	17.63	44.41
S025A	07/08/1996	N	26.41	18	44.41
S025A	10/07/1996	N	30.08	14.33	44.41
S025A	01/13/1997	N	27.67	16.74	44.41
S025A	04/07/1997	N	28.36	16.05	44.41
S025A	07/21/1997	N	28.98	15.43	44.41
S025A	10/13/1997	N	26.59	17.82	44.41
S025A	01/10/1998	N	28.63	15.78	44.41
S025A	04/12/1998	N	28.64	15.77	44.41
S025A	07/12/1998	N	25.85	18.56	44.41
S025A	10/04/1998	N	26.98	17.43	44.41
S025A	01/10/1999	N	26.56	17.85	44.41
S025A	04/18/1999	N	25.31	19.1	44.41
S025A	07/17/1999	N	25.09	19.32	44.41
S025A	10/09/1999	N	27.98	16.43	44.41
S025A	01/08/2000	N	29.44	14.97	44.41
S025A	04/08/2000	N	27.51	16.9	44.41
S025A	07/08/2000	N	26.75	17.66	44.41
S025A	10/07/2000	N	25.33	19.08	44.41
S025A	01/06/2001	N	25.33	19.08	44.41
S025A	04/07/2001	N	26.79	17.62	44.41
S025A	07/07/2001	N	27.08	17.35	44.43
S025A	10/06/2001	N	26.68	17.73	44.41
S025A	10/12/2002	N	29.43	14.98	44.41
S025A	10/10/2003	N	30.18	14.23	44.41
S025A	10/05/2004	N	26.49	17.92	44.41
S025A	10/10/2005	N	30.45	13.96	44.41
S025A	10/12/2006	N	31.42	12.99	44.41
S025A	10/09/2007	N	36.55	7.86	44.41
S025A	10/14/2008	N	32.11	12.30	44.41
S025A	10/12/2009	N	29.29	15.12	44.41
S025A	10/12/2010	N	30.48	13.93	44.41
S025A	10/10/2011	N	31.56	12.85	44.41
S025A	10/09/2012	N	31.32	13.09	44.41
S025A	10/14/2013	N	26.29	18.12	44.41
S025A	10/13/2014	N	28.56	15.85	44.41
S025A	10/14/2015	N	30.00	14.41	44.41
S025A	10/11/2016	N	30.35	14.06	44.41
S025A	10/10/2017	N	31.26	13.15	44.41
S025A	10/09/2018	N	31.60	13.13	44.73
S025B1	01/07/1991	N	23.70	21.15	44.85

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HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S025B1	04/08/1991	N	24.89	19.96	44.85
S025B1	07/08/1991	N	24.27	20.58	44.85
S025B1	10/07/1991	N	23.95	20.9	44.85
S025B1	01/06/1992	N	24.52	20.33	44.85
S025B1	04/06/1992	N	25.57	19.28	44.85
S025B1	07/06/1992	N	26.03	18.82	44.85
S025B1	07/07/1992	N	24.87	19.3	44.17
S025B1	10/05/1992	N	25.18	19.67	44.85
S025B1	01/04/1993	N	24.10	20.75	44.85
S025B1	04/05/1993	N	24.77	20.08	44.85
S025B1	07/06/1993	N	26.79	18.06	44.85
S025B1	10/04/1993	N	23.90	20.95	44.85
S025B1	01/03/1994	N	26.62	18.23	44.85
S025B1	04/04/1994	N	23.63	21.22	44.85
S025B1	07/05/1994	N	24.21	20.64	44.85
S025B1	10/31/1994	N	24.32	20.53	44.85
S025B1	01/03/1995	N	24.88	19.97	44.85
S025B1	04/03/1995	N	26.72	18.13	44.85
S025B1	07/09/1995	N	25.67	19.18	44.85
S025B1	10/09/1995	N	25.62	19.23	44.85
S025B1	01/02/1996	N	25.13	19.04	44.17
S025B1	04/01/1996	N	25.92	18.25	44.17
S025B1	07/08/1996	N	24.87	19.3	44.17
S025B1	10/07/1996	N	28.61	15.56	44.17
S025B1	01/13/1997	N	26.75	17.42	44.17
S025B1	04/07/1997	N	26.97	17.2	44.17
S025B1	07/21/1997	N	27.15	17.02	44.17
S025B1	10/13/1997	N	24.71	19.46	44.17
S025B1	01/10/1998	N	25.33	18.84	44.17
S025B1	04/12/1998	N	26.47	17.7	44.17
S025B1	07/12/1998	N	24.62	19.55	44.17
S025B1	10/04/1998	N	25.23	18.94	44.17
S025B1	01/10/1999	N	24.51	19.66	44.17
S025B1	04/18/1999	N	23.19	20.98	44.17
S025B1	07/17/1999	N	23.06	21.11	44.17
S025B1	10/09/1999	N	26.53	17.64	44.17
S025B1	01/08/2000	N	22.80	21.37	44.17
S025B1	04/08/2000	N	23.55	20.62	44.17
S025B1	07/08/2000	N	23.77	20.4	44.17
S025B1	10/07/2000	N	21.85	22.32	44.17
S025B1	01/06/2001	N	22.09	22.08	44.17
S025B1	04/07/2001	N	23.65	20.52	44.17
S025B1	07/07/2001	N	23.73	20.46	44.19
S025B1	10/06/2001	N	24.56	19.61	44.17
S025B1	10/12/2002	N	26.37	17.80	44.17
S025B1	10/10/2003	N	26.72	17.45	44.17

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HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S025B1	10/05/2004	N	25.09	19.08	44.17
S025B1	10/10/2005	N	28.59	15.58	44.17
S025B1	10/12/2006	N	28.14	16.03	44.17
S025B1	10/09/2007	N	37.23	6.94	44.17
S025B1	10/14/2008	N	30.59	13.58	44.17
S025B1	10/12/2009	N	26.43	17.74	44.17
S025B1	10/12/2010	N	27.99	16.18	44.17
S025B1	10/10/2011	N	31.71	12.46	44.17
S025B1	10/09/2012	N	28.78	15.39	44.17
S025B1	10/14/2013	N	25.93	18.24	44.17
S025B1	10/13/2014	N	27.31	16.86	44.17
S025B1	10/14/2015	N	28.01	16.16	44.17
S025B1	10/11/2016	N	28.22	15.95	44.17
S025B1	10/10/2017	N	29.17	15.00	44.17
S025B1	10/09/2018	N	29.39	15.01	44.40
S025B4	01/07/1991	N	29.91	14.75	44.66
S025B4	04/08/1991	N	31.39	13.27	44.66
S025B4	07/08/1991	N	30.51	14.15	44.66
S025B4	10/07/1991	N	29.93	14.73	44.66
S025B4	01/06/1992	N	28.77	15.89	44.66
S025B4	04/06/1992	N	33.57	11.09	44.66
S025B4	07/06/1992	N	33.82	10.84	44.66
S025B4	07/07/1992	N	40.36	3.72	44.08
S025B4	10/05/1992	N	33.17	11.49	44.66
S025B4	01/04/1993	N	31.91	12.75	44.66
S025B4	04/05/1993	N	34.94	9.72	44.66
S025B4	07/06/1993	N	34.66	10	44.66
S025B4	10/04/1993	N	33.19	11.47	44.66
S025B4	01/03/1994	N	34.75	9.91	44.66
S025B4	04/04/1994	N	35.83	8.83	44.66
S025B4	07/05/1994	N	35.72	8.94	44.66
S025B4	10/31/1994	N	35.25	9.41	44.66
S025B4	01/03/1995	N	36.60	8.06	44.66
S025B4	04/03/1995	N	39.68	4.98	44.66
S025B4	07/09/1995	N	39.47	5.19	44.66
S025B4	10/09/1995	N	39.38	5.28	44.66
S025B4	01/02/1996	N	39.71	4.37	44.08
S025B4	04/01/1996	N	41.34	2.74	44.08
S025B4	07/08/1996	N	40.36	3.72	44.08
S025B4	10/07/1996	N	39.67	4.41	44.08
S025B4	01/13/1997	N	42.97	1.11	44.08
S025B4	04/07/1997	N	43.47	0.61	44.08
S025B4	07/21/1997	N	42.73	1.35	44.08
S025B4	10/13/1997	N	42.30	1.78	44.08
S025B4	01/10/1998	N	43.18	0.9	44.08
S025B4	07/17/1999	N	44.17	-0.09	44.08

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S025B4	10/09/1999	N	44.52	-0.44	44.08
S025B4	01/08/2000	N	37.69	6.39	44.08
S025B4	04/08/2000	N	40.80	3.28	44.08
S025B4	07/08/2000	N	40.76	3.32	44.08
S025B4	10/07/2000	N	39.99	4.09	44.08
S025B4	01/06/2001	N	40.61	3.47	44.08
S025B4	04/07/2001	N	42.31	1.77	44.08
S025B4	07/07/2001	N	41.05	3.03	44.08
S025B4	10/06/2001	N	40.83	3.25	44.08
S025B4	10/12/2002	N	41.82	2.26	44.08
S025B4	10/10/2003	N	43.06	1.02	44.08
S025B4	10/05/2004	N	42.61	1.47	44.08
S025B4	10/10/2005	N	48.10	-4.02	44.08
S025B4	10/12/2006	N	NA	NA	44.08
S025B4	10/09/2007	N	39.01	5.07	44.08
S025B4	10/14/2008	N	42.91	1.17	44.08
S025B4	10/12/2009	N	41.96	2.12	44.08
S025B4	10/12/2010	N	NA	NA	44.08
S025B4	10/10/2011	N	44.98	-0.9	44.08
S025B4	10/09/2012	N	43.92	0.16	44.08
S025B4	10/14/2013	N	43.46	0.62	44.08
S025B4	10/13/2014	N	41.83	2.25	44.08
S025B4	10/14/2015	N	41.03	3.05	44.08
S025B4	10/11/2016	N	42.54	1.54	44.08
S025B4	10/10/2017	N	42.46	1.62	44.08
S025B4	10/09/2018	N	45.80	-1.55	44.25
S026A	01/07/1991	N	28.33	17.02	45.35
S026A	04/08/1991	N	29.45	15.9	45.35
S026A	07/08/1991	N	28.86	16.49	45.35
S026A	10/07/1991	N	28.37	16.98	45.35
S026A	01/06/1992	N	28.73	16.62	45.35
S026A	04/06/1992	N	30.12	15.23	45.35
S026A	07/06/1992	N	29.34	16.01	45.35
S026A	07/07/1992	N	29.84	14.94	44.78
S026A	10/05/1992	N	29.13	16.22	45.35
S026A	01/04/1993	N	29.51	15.84	45.35
S026A	04/05/1993	N	31.13	14.22	45.35
S026A	07/06/1993	N	29.94	15.41	45.35
S026A	10/04/1993	N	29.33	16.02	45.35
S026A	01/03/1994	N	33.59	11.76	45.35
S026A	04/04/1994	N	31.08	14.27	45.35
S026A	07/05/1994	N	30.08	15.27	45.35
S026A	10/31/1994	N	30.12	15.23	45.35
S026A	01/03/1995	N	30.49	14.86	45.35
S026A	04/03/1995	N	33.53	11.82	45.35
S026A	07/09/1995	N	30.67	14.68	45.35

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S026A	10/09/1995	N	29.97	15.38	45.35
S026A	01/02/1996	N	30.97	13.81	44.78
S026A	04/01/1996	N	31.85	12.93	44.78
S026A	07/08/1996	N	29.84	14.94	44.78
S026A	10/07/1996	N	29.74	15.04	44.78
S026A	01/13/1997	N	31.20	13.58	44.78
S026A	04/07/1997	N	30.90	13.88	44.78
S026A	07/21/1997	N	30.32	14.46	44.78
S026A	10/13/1997	N	29.50	15.28	44.78
S026A	01/10/1998	N	30.66	14.12	44.78
S026A	04/12/1998	N	32.13	12.65	44.78
S026A	07/12/1998	N	30.64	14.14	44.78
S026A	10/04/1998	N	30.36	14.42	44.78
S026A	01/10/1999	N	30.17	14.61	44.78
S026A	04/18/1999	N	30.46	14.32	44.78
S026A	07/17/1999	N	30.29	14.49	44.78
S026A	10/09/1999	N	30.33	14.45	44.78
S026A	01/08/2000	N	29.81	14.97	44.78
S026A	04/08/2000	N	31.98	12.8	44.78
S026A	07/08/2000	N	30.59	14.19	44.78
S026A	10/07/2000	N	30.19	14.59	44.78
S026A	01/06/2001	N	29.61	15.17	44.78
S026A	04/07/2001	N	30.60	14.18	44.78
S026A	07/07/2001	N	30.18	14.62	44.80
S026A	10/06/2001	N	30.09	14.69	44.78
S026A	10/12/2002	N	30.36	14.42	44.78
S026A	10/10/2003	N	30.56	14.22	44.78
S026A	10/05/2004	N	31.33	13.45	44.78
S026A	10/10/2005	N	31.41	13.37	44.78
S026A	10/12/2006	N	31.64	13.14	44.78
S026A	10/09/2007	N	32.33	12.45	44.78
S026A	10/14/2008	N	32.16	12.62	44.78
S026A	10/12/2009	N	30.40	14.38	44.78
S026A	10/12/2010	N	31.25	13.53	44.78
S026A	10/10/2011	N	32.34	12.44	44.78
S026A	10/09/2012	N	31.28	13.50	44.78
S026A	10/14/2013	N	30.47	14.31	44.78
S026A	10/13/2014	N	30.61	14.17	44.78
S026A	10/14/2015	N	31.48	13.30	44.78
S026A	10/11/2016	N	31.81	12.97	44.78
S026A	10/10/2017	N	31.46	13.32	44.78
S026A	10/09/2018	N	31.68	13.25	44.93
S026B1	01/07/1991	N	28.64	16.58	45.22
S026B1	04/08/1991	N	29.77	15.45	45.22
S026B1	07/08/1991	N	29.11	16.11	45.22
S026B1	10/07/1991	N	28.73	16.49	45.22

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HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S026B1	01/06/1992	N	29.08	16.14	45.22
S026B1	04/06/1992	N	30.34	14.88	45.22
S026B1	07/06/1992	N	29.69	15.53	45.22
S026B1	10/05/1992	N	29.64	15.58	45.22
S026B1	01/05/1993	N	29.86	15.36	45.22
S026B1	07/06/1993	N	30.08	15.14	45.22
S026B1	10/04/1993	N	29.77	15.45	45.22
S026B1	01/03/1994	N	31.93	13.29	45.22
S026B1	04/04/1994	N	30.42	14.8	45.22
S026B1	07/05/1994	N	30.56	14.66	45.22
S026B1	10/31/1994	N	30.60	14.62	45.22
S026B1	01/03/1995	N	30.85	14.37	45.22
S026B1	04/03/1995	N	33.40	11.82	45.22
S026B1	07/09/1995	N	31.16	14.06	45.22
S026B1	10/09/1995	N	30.56	14.66	45.22
S026B1	01/02/1996	N	30.78	13.48	44.26
S026B1	04/01/1996	N	31.45	12.81	44.26
S026B1	10/07/1996	N	29.28	14.98	44.26
S026B1	01/13/1997	N	31.53	12.73	44.26
S026B1	04/07/1997	N	30.93	13.33	44.26
S026B1	07/21/1997	N	30.53	13.73	44.26
S026B1	10/13/1997	N	29.71	14.55	44.26
S026B1	01/10/1998	N	30.46	13.8	44.26
S026B1	04/12/1998	N	31.69	12.57	44.26
S026B1	07/12/1998	N	30.67	13.59	44.26
S026B1	10/04/1998	N	30.49	13.77	44.26
S026B1	01/10/1999	N	30.11	14.15	44.26
S026B1	04/18/1999	N	30.14	14.12	44.26
S026B1	07/17/1999	N	29.87	14.39	44.26
S026B1	10/09/1999	N	30.95	13.31	44.26
S026B1	01/08/2000	N	29.49	14.87	44.36
S026B1	04/08/2000	N	30.90	13.46	44.36
S026B1	07/08/2000	N	29.91	14.45	44.36
S026B1	10/07/2000	N	29.42	14.94	44.36
S026B1	01/06/2001	N	29.53	14.83	44.36
S026B1	04/07/2001	N	30.48	13.88	44.36
S026B1	07/07/2001	N	30.15	14.23	44.38
S026B1	10/06/2001	N	29.78	14.58	44.36
S026B1	10/12/2002	N	30.61	13.75	44.36
S026B1	10/10/2003	N	30.80	13.56	44.36
S026B1	10/05/2004	N	30.55	13.81	44.36
S026B1	10/10/2005	N	31.96	12.40	44.36
S026B1	10/12/2006	N	31.87	12.49	44.36
S026B1	10/09/2007	N	NA	NA	41.66
S026B1	10/10/2007	N	32.72	11.64	44.36
S026B1	10/14/2008	N	31.94	12.42	44.36

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S026B1	10/12/2009	N	30.64	13.72	44.36
S026B1	10/12/2010	N	31.53	12.83	44.36
S026B1	10/10/2011	U	NA	NA	44.36
S026B1	10/09/2012	N	31.53	12.83	44.36
S026B1	10/14/2013	N	30.66	13.7	44.36
S026B1	10/13/2014	N	31.06	13.30	44.36
S026B1	10/14/2015	N	30.90	13.46	44.36
S026B1	10/11/2016	N	31.10	13.26	44.36
S026B1	10/10/2017	U	NA	NA	44.36
S026B1	10/09/2018	N	32.13	12.41	44.54
S027A	01/07/1991	N	28.08	17.26	45.34
S027A	04/08/1991	N	29.24	16.1	45.34
S027A	07/08/1991	N	28.62	16.72	45.34
S027A	10/07/1991	N	28.14	17.2	45.34
S027A	01/07/1992	N	28.12	17.22	45.34
S027A	04/06/1992	N	30.56	14.78	45.34
S027A	07/06/1992	N	30.20	15.14	45.34
S027A	07/07/1992	N	33.05	10.77	43.82
S027A	10/05/1992	N	30.39	14.95	45.34
S027A	01/04/1993	N	31.04	14.3	45.34
S027A	04/05/1993	N	32.73	12.61	45.34
S027A	07/06/1993	N	32.42	12.92	45.34
S027A	10/04/1993	N	32.11	13.23	45.34
S027A	01/03/1994	N	31.88	13.46	45.34
S027A	04/04/1994	N	32.02	13.32	45.34
S027A	07/05/1994	N	32.37	12.97	45.34
S027A	10/31/1994	N	32.56	12.78	45.34
S027A	01/03/1995	N	33.37	11.97	45.34
S027A	04/03/1995	N	35.90	9.44	45.34
S027A	07/09/1995	N	34.50	10.84	45.34
S027A	10/09/1995	N	34.51	10.83	45.34
S027A	01/02/1996	N	33.34	10.48	43.82
S027A	04/01/1996	N	34.09	9.73	43.82
S027A	07/08/1996	N	33.05	10.77	43.82
S027A	10/07/1996	N	32.72	11.1	43.82
S027A	01/13/1997	N	34.59	9.23	43.82
S027A	04/07/1997	N	34.32	9.5	43.82
S027A	07/21/1997	N	34.02	9.8	43.82
S027A	10/13/1997	N	33.69	10.13	43.82
S027A	01/10/1998	N	34.67	9.15	43.82
S027A	04/12/1998	N	35.62	8.2	43.82
S027A	07/12/1998	N	35.14	8.68	43.82
S027A	10/04/1998	N	34.85	8.97	43.82
S027A	01/10/1999	N	34.70	9.12	43.82
S027A	04/18/1999	N	35.10	8.72	43.82
S027A	07/17/1999	N	34.66	9.16	43.82

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S027A	10/09/1999	N	34.59	9.23	43.82
S027A	01/08/2000	N	34.29	9.53	43.82
S027A	04/08/2000	N	35.28	8.54	43.82
S027A	07/08/2000	N	34.98	8.84	43.82
S027A	10/07/2000	N	34.45	9.37	43.82
S027A	01/06/2001	N	34.71	9.03	43.74
S027A	04/07/2001	N	35.44	8.3	43.74
S027A	07/07/2001	N	35.03	8.71	43.74
S027A	10/06/2001	N	34.81	8.93	43.74
S027A	10/12/2002	N	34.98	8.76	43.74
S027A	10/10/2003	N	35.72	8.02	43.74
S027A	10/05/2004	N	35.48	8.26	43.74
S027A	10/10/2005	N	36.07	7.67	43.74
S027A	10/12/2006	N	36.26	7.48	43.74
S027A	10/09/2007	N	36.29	7.45	43.74
S027A	10/14/2008	N	35.91	7.83	43.74
S027A	10/12/2009	N	35.50	8.24	43.74
S027A	10/11/2010	N	35.64	8.10	43.74
S027A	10/10/2011	N	36.07	7.67	43.74
S027A	10/09/2012	N	35.88	7.86	43.74
S027A	10/14/2013	N	35.64	8.1	43.74
S027A	10/14/2014	N	35.59	8.15	43.74
S027A	10/14/2015	N	34.85	8.89	43.74
S027A	10/11/2016	N	35.05	8.69	43.74
S027A	10/10/2017	U	NA	NA	43.74
S027A	10/09/2018	U	NA	NA	43.74
S027B1	01/07/1991	N	27.31	16.78	44.09
S027B1	04/08/1991	N	27.64	16.45	44.09
S027B1	07/08/1991	N	26.39	17.7	44.09
S027B1	10/07/1991	N	27.15	16.94	44.09
S027B1	01/07/1992	N	25.97	18.12	44.09
S027B1	04/06/1992	N	29.41	14.68	44.09
S027B1	07/06/1992	N	29.19	14.9	44.09
S027B1	07/07/1992	N	33.39	10.17	43.56
S027B1	10/05/1992	N	29.37	14.72	44.09
S027B1	01/04/1993	N	30.02	14.07	44.09
S027B1	04/05/1993	N	31.56	12.53	44.09
S027B1	07/06/1993	N	31.27	12.82	44.09
S027B1	10/04/1993	N	31.12	12.97	44.09
S027B1	01/03/1994	N	31.06	13.03	44.09
S027B1	04/04/1994	N	34.05	10.04	44.09
S027B1	07/05/1994	N	31.46	12.63	44.09
S027B1	10/31/1994	N	32.19	11.9	44.09
S027B1	01/03/1995	N	32.26	11.83	44.09
S027B1	04/03/1995	N	34.02	10.07	44.09
S027B1	07/09/1995	N	33.59	10.5	44.09

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S027B1	10/09/1995	N	33.51	10.58	44.09
S027B1	01/02/1996	N	32.92	10.64	43.56
S027B1	04/01/1996	N	33.31	10.25	43.56
S027B1	07/08/1996	N	33.39	10.17	43.56
S027B1	10/07/1996	N	32.74	10.82	43.56
S027B1	01/13/1997	N	33.46	10.1	43.56
S027B1	04/07/1997	N	34.33	9.23	43.56
S027B1	07/21/1997	N	34.16	9.4	43.56
S027B1	10/13/1997	N	33.72	9.84	43.56
S027B1	01/10/1998	N	34.43	9.13	43.56
S027B1	04/12/1998	N	35.29	8.27	43.56
S027B1	07/12/1998	N	35.12	8.44	43.56
S027B1	10/04/1998	N	34.86	8.7	43.56
S027B1	01/10/1999	N	34.59	8.97	43.56
S027B1	04/18/1999	N	34.65	8.91	43.56
S027B1	07/17/1999	N	34.68	8.88	43.56
S027B1	10/09/1999	N	34.61	8.95	43.56
S027B1	01/08/2000	N	34.29	9.27	43.56
S027B1	04/08/2000	N	35.16	8.4	43.56
S027B1	07/08/2000	N	34.54	9.02	43.56
S027B1	10/07/2000	N	34.50	9.06	43.56
S027B1	01/06/2001	N	34.63	8.93	43.56
S027B1	04/07/2001	N	35.45	8.11	43.56
S027B1	07/07/2001	N	35.00	8.56	43.56
S027B1	10/06/2001	N	34.82	8.74	43.56
S027B1	10/12/2002	N	34.93	8.63	43.56
S027B1	10/10/2003	N	35.87	7.69	43.56
S027B1	10/05/2004	N	35.64	7.92	43.56
S027B1	10/10/2005	N	35.82	7.74	43.56
S027B1	10/12/2006	N	36.28	7.28	43.56
S027B1	10/09/2007	N	36.40	7.16	43.56
S027B1	10/14/2008	N	36.09	7.47	43.56
S027B1	10/12/2009	N	35.53	8.03	43.56
S027B1	10/11/2010	N	35.41	8.15	43.56
S027B1	10/10/2011	N	37.02	6.54	43.56
S027B1	10/09/2012	N	35.90	7.66	43.56
S027B1	10/14/2013	N	35.71	7.85	43.56
S027B1	10/14/2014	N	35.63	7.93	43.56
S027B1	10/14/2015	N	34.92	8.64	43.56
S027B1	10/11/2016	N	34.96	8.60	43.56
S027B1	10/10/2017	N	35.42	8.14	43.56
S027B1	10/09/2018	N	36.06	7.50	43.56
S028A	01/07/1991	N	28.47	17.03	45.50
S028A	04/08/1991	N	29.64	15.86	45.50
S028A	07/08/1991	N	29.22	16.28	45.50
S028A	10/07/1991	N	28.33	17.17	45.50

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S028A	01/06/1992	N	28.53	16.97	45.50
S028A	04/06/1992	N	30.38	15.12	45.50
S028A	07/06/1992	N	30.12	15.38	45.50
S028A	07/07/1992	N	33.70	11.27	44.97
S028A	10/05/1992	N	31.07	14.43	45.50
S028A	01/04/1993	N	31.71	13.79	45.50
S028A	04/05/1993	N	32.54	12.96	45.50
S028A	07/06/1993	N	31.34	14.16	45.50
S028A	10/04/1993	N	31.38	14.12	45.50
S028A	01/03/1994	N	31.45	14.05	45.50
S028A	04/04/1994	N	31.42	14.08	45.50
S028A	07/05/1994	N	32.47	13.03	45.50
S028A	10/31/1994	N	32.43	13.07	45.50
S028A	01/03/1995	N	33.45	12.05	45.50
S028A	04/03/1995	N	34.61	10.89	45.50
S028A	07/09/1995	N	33.66	11.84	45.50
S028A	10/09/1995	N	33.47	12.03	45.50
S028A	01/02/1996	N	34.08	10.89	44.97
S028A	04/01/1996	N	34.32	10.65	44.97
S028A	07/08/1996	N	33.70	11.27	44.97
S028A	10/07/1996	N	33.69	11.28	44.97
S028A	01/13/1997	N	34.68	10.29	44.97
S028A	04/07/1997	N	34.42	10.55	44.97
S028A	07/21/1997	N	33.86	11.11	44.97
S028A	10/13/1997	N	33.78	11.19	44.97
S028A	01/10/1998	N	34.81	10.16	44.97
S028A	04/12/1998	N	34.99	9.98	44.97
S028A	07/12/1998	N	34.07	10.9	44.97
S028A	10/04/1998	N	34.18	10.79	44.97
S028A	01/10/1999	N	34.04	10.93	44.97
S028A	04/18/1999	N	33.92	11.05	44.97
S028A	07/17/1999	N	33.71	11.26	44.97
S028A	10/09/1999	N	34.46	10.51	44.97
S028A	01/08/2000	N	33.68	11.29	44.97
S028A	04/08/2000	N	33.16	11.81	44.97
S028A	07/08/2000	N	34.02	10.95	44.97
S028A	10/07/2000	N	33.81	11.16	44.97
S028A	01/06/2001	N	33.96	11.01	44.97
S028A	04/07/2001	N	34.46	10.51	44.97
S028A	07/07/2001	N	34.37	10.60	44.97
S028A	10/06/2001	N	34.10	10.87	44.97
S028A	10/12/2002	N	34.58	10.39	44.97
S028A	10/10/2003	N	35.00	9.97	44.97
S028A	10/05/2004	N	35.03	9.94	44.97
S028A	10/10/2005	N	36.61	8.36	44.97
S028A	10/12/2006	N	34.35	7.92	42.27

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S028A	10/09/2007	N	34.63	7.64	42.27
S028A	10/14/2008	N	34.30	7.97	42.27
S028A	10/12/2009	N	34.23	8.04	42.27
S028A	10/11/2010	N	33.43	8.84	42.27
S028A	10/10/2011	N	37.16	5.11	42.27
S028A	10/09/2012	N	33.67	8.60	42.27
S028A	10/14/2013	N	33.07	9.2	42.27
S028A	10/13/2014	N	33.13	9.14	42.27
S028A	10/14/2015	N	32.41	9.86	42.27
S028A	10/11/2016	N	32.53	9.74	42.27
S028A	10/10/2017	N	33.60	8.67	42.27
S028A	10/09/2018	N	36.82	8.30	45.12
S028B1	01/07/1991	N	25.83	19.08	44.91
S028B1	04/08/1991	N	27.07	17.84	44.91
S028B1	07/08/1991	N	26.06	18.85	44.91
S028B1	10/07/1991	N	25.58	19.33	44.91
S028B1	01/06/1992	N	26.05	18.86	44.91
S028B1	04/06/1992	N	27.98	16.93	44.91
S028B1	07/06/1992	N	27.86	17.05	44.91
S028B1	07/07/1992	N	30.08	14.56	44.64
S028B1	10/05/1992	N	29.54	15.37	44.91
S028B1	01/04/1993	N	27.74	17.17	44.91
S028B1	04/05/1993	N	28.89	16.02	44.91
S028B1	07/06/1993	N	27.87	17.04	44.91
S028B1	10/04/1993	N	27.37	17.54	44.91
S028B1	01/03/1994	N	27.67	17.24	44.91
S028B1	04/04/1994	N	27.88	17.03	44.91
S028B1	07/05/1994	N	28.69	16.22	44.91
S028B1	10/31/1994	N	28.35	16.56	44.91
S028B1	01/03/1995	N	29.23	15.68	44.91
S028B1	04/03/1995	N	30.88	14.03	44.91
S028B1	07/09/1995	N	29.96	14.95	44.91
S028B1	10/09/1995	N	30.80	14.11	44.91
S028B1	01/02/1996	N	30.28	14.36	44.64
S028B1	04/01/1996	N	31.78	12.86	44.64
S028B1	07/08/1996	N	30.08	14.56	44.64
S028B1	10/07/1996	N	30.13	14.51	44.64
S028B1	01/13/1997	N	31.90	12.74	44.64
S028B1	04/07/1997	N	32.21	12.43	44.64
S028B1	07/21/1997	N	31.62	13.02	44.64
S028B1	10/13/1997	N	31.14	13.5	44.64
S028B1	01/10/1998	N	31.06	13.58	44.64
S028B1	04/12/1998	N	32.59	12.05	44.64
S028B1	07/12/1998	N	31.46	13.18	44.64
S028B1	10/04/1998	N	31.49	13.15	44.64
S028B1	01/10/1999	N	30.83	13.81	44.64

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S028B1	04/18/1999	N	30.05	14.59	44.64
S028B1	07/17/1999	N	30.21	14.43	44.64
S028B1	10/09/1999	N	32.61	12.03	44.64
S028B1	01/08/2000	N	29.58	15.06	44.64
S028B1	04/08/2000	N	30.03	14.61	44.64
S028B1	07/08/2000	N	30.48	14.16	44.64
S028B1	10/07/2000	N	29.56	15.08	44.64
S028B1	01/06/2001	N	29.82	14.82	44.64
S028B1	04/07/2001	N	31.49	13.15	44.64
S028B1	07/07/2001	N	30.22	14.42	44.64
S028B1	10/06/2001	N	30.63	14.01	44.64
S028B1	10/12/2002	N	32.91	11.73	44.64
S028B1	10/10/2003	N	33.59	11.05	44.64
S028B1	10/05/2004	N	33.90	10.74	44.64
S028B1	10/10/2005	N	36.74	7.90	44.64
S028B1	10/12/2006	N	32.81	10.18	42.99
S028B1	10/09/2007	N	35.49	7.50	42.99
S028B1	10/14/2008	N	35.10	7.89	42.99
S028B1	10/12/2009	N	34.87	8.12	42.99
S028B1	10/11/2010	N	32.37	10.62	42.99
S028B1	10/10/2011	N	33.35	9.64	42.99
S028B1	10/09/2012	N	33.07	9.92	42.99
S028B1	10/14/2013	N	32.54	10.45	42.99
S028B1	10/13/2014	N	32.57	10.42	42.99
S028B1	10/14/2015	N	31.80	11.19	42.99
S028B1	10/11/2016	N	32.34	10.65	42.99
S028B1	10/10/2017	N	33.46	9.53	42.99
S028B1	10/09/2018	N	36.93	8.89	45.82
S033A	01/07/1991	N	35.74	12.17	47.91
S033A	04/08/1991	N	36.65	11.26	47.91
S033A	07/08/1991	N	36.10	11.81	47.91
S033A	10/08/1991	N	35.87	12.04	47.91
S033A	01/06/1992	N	36.48	11.43	47.91
S033A	04/06/1992	N	36.60	11.31	47.91
S033A	07/06/1992	N	36.26	11.65	47.91
S033A	07/07/1992	N	37.45	9.98	47.43
S033A	10/05/1992	N	35.60	12.31	47.91
S033A	01/06/1993	N	36.61	11.3	47.91
S033A	04/05/1993	N	37.32	10.59	47.91
S033A	07/06/1993	N	36.49	11.42	47.91
S033A	10/04/1993	N	36.23	11.68	47.91
S033A	01/17/1994	N	36.31	11.6	47.91
S033A	04/04/1994	N	33.64	14.27	47.91
S033A	07/05/1994	N	36.60	11.31	47.91
S033A	10/31/1994	N	36.57	11.34	47.91
S033A	01/03/1995	N	37.22	10.69	47.91

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S033A	04/03/1995	N	38.30	9.61	47.91
S033A	07/09/1995	N	37.70	10.21	47.91
S033A	10/09/1995	N	37.52	10.39	47.91
S033A	01/02/1996	N	37.71	9.72	47.43
S033A	04/01/1996	N	37.66	9.77	47.43
S033A	07/08/1996	N	37.45	9.98	47.43
S033A	10/07/1996	N	37.21	10.22	47.43
S033A	01/13/1997	N	38.17	9.26	47.43
S033A	04/07/1997	N	37.54	9.89	47.43
S033A	07/21/1997	N	37.52	9.91	47.43
S033A	10/13/1997	N	37.37	10.06	47.43
S033A	01/10/1998	N	38.28	9.15	47.43
S033A	04/12/1998	N	38.38	9.05	47.43
S033A	07/12/1998	N	38.08	9.35	47.43
S033A	10/04/1998	N	38.08	9.35	47.43
S033A	01/10/1999	N	37.95	9.48	47.43
S033A	04/18/1999	N	38.22	9.21	47.43
S033A	07/17/1999	N	38.02	9.41	47.43
S033A	10/09/1999	N	37.94	9.49	47.43
S033A	01/08/2000	N	37.68	9.75	47.43
S033A	04/08/2000	N	38.20	9.23	47.43
S033A	07/08/2000	N	37.90	9.53	47.43
S033A	10/07/2000	N	37.80	9.63	47.43
S033A	01/06/2001	N	37.84	9.59	47.43
S033A	04/07/2001	N	38.22	9.21	47.43
S033A	07/07/2001	N	37.90	9.54	47.44
S033A	10/06/2001	N	37.65	9.78	47.43
S033A	10/12/2002	U	NA	NA	47.43
S033A	10/10/2003	U	2.70	9.75	12.45
S033A	10/05/2004	N	37.60	9.83	47.43
S033A	10/10/2005	N	37.90	9.53	47.43
S033A	10/12/2006	N	38.11	9.32	47.43
S033A	10/09/2007	N	42.54	4.89	47.43
S033A	10/14/2008	N	37.91	9.52	47.43
S033A	10/12/2009	N	37.76	9.67	47.43
S033A	10/12/2010	N	37.72	9.71	47.43
S033A	10/10/2011	N	38.18	9.25	47.43
S033A	10/09/2012	N	38.07	9.36	47.43
S033A	10/14/2013	N	37.81	9.62	47.43
S033A	10/13/2014	N	37.41	10.02	47.43
S033A	10/14/2015	N	37.22	10.21	47.43
S033A	10/11/2016	N	37.29	10.14	47.43
S033A	10/10/2017	N	37.81	9.62	47.43
S033A	10/09/2018	N	37.96	9.58	47.54
S042A	01/07/1991	N	30.83	17.17	48.00
S042A	04/08/1991	N	31.82	16.18	48.00

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S042A	07/08/1991	N	31.35	16.65	48.00
S042A	10/07/1991	N	31.09	16.91	48.00
S042A	01/06/1992	N	31.48	16.52	48.00
S042A	04/06/1992	N	32.95	15.05	48.00
S042A	07/06/1992	N	32.70	15.3	48.00
S042A	07/07/1992	N	33.81	10.67	44.48
S042A	10/05/1992	N	33.92	14.08	48.00
S042A	01/04/1993	N	33.47	14.53	48.00
S042A	04/05/1993	N	35.27	12.73	48.00
S042A	07/06/1993	N	35.01	12.99	48.00
S042A	10/04/1993	N	34.80	13.2	48.00
S042A	01/03/1994	N	34.55	13.45	48.00
S042A	04/04/1994	N	34.67	13.33	48.00
S042A	07/05/1994	N	35.06	12.94	48.00
S042A	10/31/1994	N	35.23	12.77	48.00
S042A	01/03/1995	N	35.97	12.03	48.00
S042A	04/03/1995	N	38.56	9.44	48.00
S042A	07/09/1995	N	37.17	10.83	48.00
S042A	10/09/1995	N	37.30	10.7	48.00
S042A	01/02/1996	N	34.03	10.45	44.48
S042A	04/01/1996	N	34.87	9.61	44.48
S042A	07/08/1996	N	33.81	10.67	44.48
S042A	10/07/1996	N	33.43	11.05	44.48
S042A	01/13/1997	N	35.28	9.2	44.48
S042A	04/07/1997	N	35.01	9.47	44.48
S042A	07/21/1997	N	34.64	9.84	44.48
S042A	10/13/1997	N	34.41	10.07	44.48
S042A	01/10/1998	N	35.44	9.04	44.48
S042A	04/12/1998	N	36.33	8.15	44.48
S042A	07/12/1998	N	35.87	8.61	44.48
S042A	10/04/1998	N	35.56	8.92	44.48
S042A	01/10/1999	N	35.43	9.05	44.48
S042A	04/18/1999	N	35.83	8.65	44.48
S042A	07/17/1999	N	35.40	9.08	44.48
S042A	10/09/1999	N	35.30	9.18	44.48
S042A	01/08/2000	N	35.00	9.48	44.48
S042A	04/08/2000	N	35.97	8.51	44.48
S042A	07/08/2000	N	35.65	8.83	44.48
S042A	10/07/2000	N	35.17	9.31	44.48
S042A	01/06/2001	N	35.40	9.08	44.48
S042A	04/07/2001	N	36.16	8.32	44.48
S042A	07/07/2001	N	35.77	8.71	44.48
S042A	10/06/2001	N	35.31	9.17	44.48
S042A	10/12/2002	N	35.45	9.03	44.48
S042A	10/10/2003	N	36.18	8.30	44.48
S042A	10/05/2004	N	35.97	8.51	44.48

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S042A	10/10/2005	N	36.44	8.04	44.48
S042A	10/12/2006	N	NA	NA	44.48
S042A	10/09/2007	N	NA	NA	41.78
S042A	10/13/2009	N	NA	NA	44.48
S042B1	01/07/1991	N	30.16	17.92	48.08
S042B1	04/08/1991	N	31.38	16.7	48.08
S042B1	07/08/1991	N	30.80	17.28	48.08
S042B1	10/07/1991	N	30.36	17.72	48.08
S042B1	01/06/1992	N	30.70	17.38	48.08
S042B1	04/06/1992	N	31.98	16.1	48.08
S042B1	07/06/1992	N	32.56	15.52	48.08
S042B1	07/07/1992	N	33.27	11.27	44.54
S042B1	10/05/1992	N	33.35	14.73	48.08
S042B1	01/04/1993	N	32.58	15.5	48.08
S042B1	04/05/1993	N	34.73	13.35	48.08
S042B1	07/06/1993	N	34.56	13.52	48.08
S042B1	10/04/1993	N	33.83	14.25	48.08
S042B1	01/03/1994	N	34.12	13.96	48.08
S042B1	04/04/1994	N	34.08	14	48.08
S042B1	07/05/1994	N	34.45	13.63	48.08
S042B1	10/31/1994	N	34.48	13.6	48.08
S042B1	01/03/1995	N	35.05	13.03	48.08
S042B1	04/03/1995	N	36.50	11.58	48.08
S042B1	07/09/1995	N	36.57	11.51	48.08
S042B1	10/09/1995	N	36.74	11.34	48.08
S042B1	01/02/1996	N	33.53	11.01	44.54
S042B1	04/01/1996	N	34.35	10.19	44.54
S042B1	07/08/1996	N	33.27	11.27	44.54
S042B1	10/07/1996	N	32.89	11.65	44.54
S042B1	01/13/1997	N	34.57	9.97	44.54
S042B1	04/07/1997	N	34.72	9.82	44.54
S042B1	07/21/1997	N	34.40	10.14	44.54
S042B1	10/13/1997	N	34.22	10.32	44.54
S042B1	01/10/1998	N	35.20	9.34	44.54
S042B1	04/12/1998	N	36.20	8.34	44.54
S042B1	07/12/1998	N	35.64	8.9	44.54
S042B1	10/04/1998	N	35.34	9.2	44.54
S042B1	01/10/1999	N	35.43	9.11	44.54
S042B1	04/18/1999	N	35.53	9.01	44.54
S042B1	07/17/1999	N	35.25	9.29	44.54
S042B1	10/09/1999	N	35.17	9.37	44.54
S042B1	01/08/2000	N	35.37	9.17	44.54
S042B1	04/08/2000	N	35.22	9.32	44.54
S042B1	07/08/2000	N	35.51	9.03	44.54
S042B1	10/07/2000	N	34.88	9.66	44.54
S042B1	01/06/2001	N	35.34	9.2	44.54

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S042B1	04/07/2001	N	35.54	9	44.54
S042B1	07/07/2001	N	35.49	9.05	44.54
S042B1	10/06/2001	N	35.33	9.21	44.54
S042B1	10/12/2002	N	35.62	8.92	44.54
S042B1	10/10/2003	N	36.84	7.70	44.54
S042B1	10/05/2004	N	36.87	7.67	44.54
S042B1	10/10/2005	N	37.62	6.92	44.54
S042B1	10/12/2006	N	NA	NA	44.54
S042B1	10/09/2007	N	NA	NA	41.84
S042B1	10/13/2009	N	NA	NA	44.54
S043A	01/07/1991	N	26.01	16.96	42.97
S043A	04/08/1991	N	27.20	15.77	42.97
S043A	07/08/1991	N	26.70	16.27	42.97
S043A	10/07/1991	N	26.67	16.3	42.97
S043A	01/06/1992	N	26.87	16.1	42.97
S043A	04/06/1992	N	27.59	15.38	42.97
S043A	07/06/1992	N	28.17	14.8	42.97
S043A	07/07/1992	N	29.28	13.14	42.42
S043A	10/05/1992	N	28.15	14.82	42.97
S043A	01/04/1993	N	27.78	15.19	42.97
S043A	04/05/1993	N	28.37	14.6	42.97
S043A	07/06/1993	N	28.55	14.42	42.97
S043A	10/04/1993	N	28.27	14.7	42.97
S043A	01/03/1994	N	28.46	14.51	42.97
S043A	04/04/1994	N	28.52	14.45	42.97
S043A	07/05/1994	N	28.72	14.25	42.97
S043A	10/31/1994	N	28.69	14.28	42.97
S043A	01/03/1995	N	28.95	14.02	42.97
S043A	04/03/1995	N	29.94	13.03	42.97
S043A	07/09/1995	N	29.26	13.71	42.97
S043A	10/09/1995	N	29.00	13.97	42.97
S043A	01/02/1996	N	29.22	13.2	42.42
S043A	04/01/1996	N	29.42	13	42.42
S043A	07/08/1996	N	29.28	13.14	42.42
S043A	10/07/1996	N	31.31	11.11	42.42
S043A	01/13/1997	N	29.74	12.68	42.42
S043A	04/07/1997	N	30.35	12.07	42.42
S043A	07/21/1997	N	30.40	12.02	42.42
S043A	10/13/1997	N	29.11	13.31	42.42
S043A	01/10/1998	N	30.66	11.76	42.42
S043A	04/12/1998	N	30.64	11.78	42.42
S043A	07/12/1998	N	28.82	13.6	42.42
S043A	10/04/1998	N	29.67	12.75	42.42
S043A	01/10/1999	N	29.40	13.02	42.42
S043A	04/18/1999	N	28.64	13.78	42.42
S043A	07/17/1999	N	29.05	13.37	42.42

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S043A	10/09/1999	N	29.96	12.46	42.42
S043A	01/08/2000	N	28.35	14.07	42.42
S043A	04/08/2000	N	29.90	12.52	42.42
S043A	07/08/2000	N	29.58	12.84	42.42
S043A	10/07/2000	N	28.30	14.12	42.42
S043A	01/06/2001	N	28.52	13.9	42.42
S043A	04/07/2001	N	29.54	12.88	42.42
S043A	07/07/2001	N	29.87	12.57	42.44
S043A	10/06/2001	N	29.37	13.05	42.42
S043A	10/12/2002	N	30.81	11.61	42.42
S043A	10/10/2003	N	31.44	10.98	42.42
S043A	10/05/2004	N	29.56	12.86	42.42
S043A	10/10/2005	N	33.96	8.46	42.42
S043A	10/12/2006	N	32.79	9.63	42.42
S043A	10/09/2007	N	37.83	4.59	42.42
S043A	10/14/2008	N	33.27	9.15	42.42
S043A	10/12/2009	N	30.83	11.59	42.42
S043A	10/12/2010	N	31.54	10.88	42.42
S043A	10/10/2011	N	32.43	9.99	42.42
S043A	10/09/2012	N	32.27	10.15	42.42
S043A	10/14/2013	N	29.14	13.28	42.42
S043A	10/13/2014	N	30.49	11.93	42.42
S043A	10/14/2015	N	31.12	11.30	42.42
S043A	10/11/2016	N	31.32	11.10	42.42
S043A	10/11/2017	N	32.12	10.30	42.42
S043A	10/09/2018	N	32.57	10.12	42.69
S047A	01/07/1991	N	25.29	15.82	41.11
S047A	04/08/1991	N	26.18	14.93	41.11
S047A	07/08/1991	N	25.50	15.61	41.11
S047A	10/07/1991	N	25.31	15.8	41.11
S047A	01/06/1992	N	25.29	15.82	41.11
S047A	04/06/1992	N	26.74	14.37	41.11
S047A	07/06/1992	N	26.57	14.54	41.11
S047A	07/07/1992	N	31.46	9.15	40.61
S047A	10/05/1992	N	28.88	12.23	41.11
S047A	01/04/1993	N	28.99	12.12	41.11
S047A	04/05/1993	N	30.00	11.11	41.11
S047A	07/06/1993	N	28.68	12.43	41.11
S047A	10/04/1993	N	28.83	12.28	41.11
S047A	01/03/1994	N	28.89	12.22	41.11
S047A	04/04/1994	N	28.98	12.13	41.11
S047A	07/05/1994	N	30.00	11.11	41.11
S047A	10/31/1994	N	30.21	10.9	41.11
S047A	01/03/1995	N	30.53	10.58	41.11
S047A	04/03/1995	N	32.95	8.16	41.11
S047A	07/09/1995	N	31.57	9.54	41.11

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S047A	10/09/1995	N	31.42	9.69	41.11
S047A	01/02/1996	N	31.48	9.13	40.61
S047A	04/01/1996	N	32.14	8.47	40.61
S047A	07/08/1996	N	31.46	9.15	40.61
S047A	10/07/1996	N	30.91	9.7	40.61
S047A	01/13/1997	N	31.23	9.38	40.61
S047A	04/07/1997	N	32.04	8.57	40.61
S047A	07/21/1997	N	30.37	10.24	40.61
S047A	10/13/1997	N	30.41	10.2	40.61
S047A	01/10/1998	N	31.59	9.02	40.61
S047A	04/12/1998	N	32.05	8.56	40.61
S047A	07/12/1998	N	30.66	9.95	40.61
S047A	10/04/1998	N	30.45	10.16	40.61
S047A	01/10/1999	N	30.46	10.15	40.61
S047A	04/18/1999	N	30.69	9.92	40.61
S047A	07/17/1999	N	30.24	10.37	40.61
S047A	10/09/1999	N	31.63	8.98	40.61
S047A	01/08/2000	N	30.21	10.4	40.61
S047A	04/08/2000	N	30.89	9.72	40.61
S047A	07/08/2000	N	30.53	10.08	40.61
S047A	10/07/2000	N	29.99	10.62	40.61
S047A	01/06/2001	N	30.86	9.75	40.61
S047A	04/07/2001	N	31.52	9.09	40.61
S047A	07/07/2001	N	31.27	9.34	40.61
S047A	10/06/2001	N	31.71	8.90	40.61
S047A	10/12/2002	N	32.08	8.53	40.61
S047A	10/10/2003	N	32.60	8.01	40.61
S047A	10/05/2004	N	32.45	8.16	40.61
S047A	10/10/2005	N	NA	NA	40.61
S047A	10/12/2006	N	NA	NA	40.61
S047A	10/09/2007	N	NA	NA	37.91
S047A	10/13/2009	N	NA	NA	40.61
S047A	10/13/2016	N	NA	NA	40.61
S047B1	01/07/1991	N	25.37	16.65	42.02
S047B1	04/08/1991	N	26.18	15.84	42.02
S047B1	07/08/1991	N	25.49	16.53	42.02
S047B1	10/07/1991	N	25.30	16.72	42.02
S047B1	01/06/1992	N	25.27	16.75	42.02
S047B1	04/06/1992	N	26.77	15.25	42.02
S047B1	07/06/1992	N	26.48	15.54	42.02
S047B1	07/07/1992	N	31.30	10.12	41.42
S047B1	10/05/1992	N	28.90	13.12	42.02
S047B1	01/04/1993	N	28.98	13.04	42.02
S047B1	04/05/1993	N	29.93	12.09	42.02
S047B1	07/06/1993	N	28.78	13.24	42.02
S047B1	10/04/1993	N	28.73	13.29	42.02

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S047B1	01/03/1994	N	28.92	13.1	42.02
S047B1	04/04/1994	N	28.89	13.13	42.02
S047B1	07/05/1994	N	29.94	12.08	42.02
S047B1	10/31/1994	N	30.51	11.51	42.02
S047B1	01/03/1995	N	30.35	11.67	42.02
S047B1	04/03/1995	N	32.86	9.16	42.02
S047B1	07/09/1995	N	31.56	10.46	42.02
S047B1	10/09/1995	N	31.42	10.6	42.02
S047B1	01/02/1996	N	31.40	10.02	41.42
S047B1	04/01/1996	N	32.05	9.37	41.42
S047B1	07/08/1996	N	31.30	10.12	41.42
S047B1	10/07/1996	N	30.83	10.59	41.42
S047B1	01/13/1997	N	31.03	10.39	41.42
S047B1	04/07/1997	N	32.01	9.41	41.42
S047B1	07/21/1997	N	30.21	11.21	41.42
S047B1	10/13/1997	N	30.27	11.15	41.42
S047B1	01/10/1998	N	31.43	9.99	41.42
S047B1	04/12/1998	N	31.91	9.51	41.42
S047B1	07/12/1998	N	30.51	10.91	41.42
S047B1	10/04/1998	N	30.29	11.13	41.42
S047B1	01/10/1999	N	30.28	11.14	41.42
S047B1	04/18/1999	N	30.48	10.94	41.42
S047B1	07/17/1999	N	30.04	11.38	41.42
S047B1	10/09/1999	N	31.48	9.94	41.42
S047B1	01/08/2000	N	29.99	11.43	41.42
S047B1	04/08/2000	N	30.67	10.75	41.42
S047B1	07/08/2000	N	30.24	11.18	41.42
S047B1	10/07/2000	N	29.73	11.69	41.42
S047B1	01/06/2001	N	30.64	10.78	41.42
S047B1	04/07/2001	N	31.32	10.1	41.42
S047B1	07/07/2001	N	31.01	10.41	41.42
S047B1	10/06/2001	N	31.52	9.90	41.42
S047B1	10/12/2002	N	31.88	9.54	41.42
S047B1	10/10/2003	N	32.39	9.03	41.42
S047B1	10/05/2004	N	32.25	9.17	41.42
S047B1	10/10/2005	N	NA	NA	41.42
S047B1	10/12/2006	N	NA	NA	41.42
S047B1	10/09/2007	N	NA	NA	38.72
S047B1	10/13/2009	N	NA	NA	41.42
S047B1	10/13/2016	N	NA	NA	41.42
S048A	01/07/1991	N	22.04	20.86	42.90
S048A	04/08/1991	N	24.30	18.6	42.90
S048A	07/08/1991	N	22.93	19.97	42.90
S048A	10/07/1991	N	22.81	20.09	42.90
S048A	01/06/1992	N	23.13	19.77	42.90
S048A	04/06/1992	N	25.04	17.86	42.90

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S048A	07/06/1992	N	24.63	18.27	42.90
S048A	07/07/1992	N	28.73	13.6	42.33
S048A	10/05/1992	N	26.52	16.38	42.90
S048A	01/04/1993	N	25.75	17.15	42.90
S048A	04/05/1993	N	27.57	15.33	42.90
S048A	07/06/1993	N	25.72	17.18	42.90
S048A	10/04/1993	N	24.97	17.93	42.90
S048A	01/03/1994	N	26.52	16.38	42.90
S048A	04/04/1994	N	26.86	16.04	42.90
S048A	07/05/1994	N	26.99	15.91	42.90
S048A	10/31/1994	N	27.54	15.36	42.90
S048A	01/03/1995	N	28.74	14.16	42.90
S048A	04/03/1995	N	32.61	10.29	42.90
S048A	07/09/1995	N	29.31	13.59	42.90
S048A	10/09/1995	N	28.17	14.73	42.90
S048A	01/02/1996	N	28.73	13.6	42.33
S048A	04/01/1996	N	30.11	12.22	42.33
S048A	07/08/1996	N	28.73	13.6	42.33
S048A	10/07/1996	N	28.24	14.09	42.33
S048A	04/07/1997	N	30.41	11.92	42.33
S048A	07/21/1997	N	28.57	13.76	42.33
S048A	10/13/1997	N	28.03	14.3	42.33
S048A	01/10/1998	N	30.45	11.88	42.33
S048A	04/12/1998	N	31.29	11.04	42.33
S048A	07/12/1998	N	29.15	13.18	42.33
S048A	10/04/1998	N	28.83	13.5	42.33
S048A	01/10/1999	N	31.66	10.67	42.33
S048A	04/18/1999	N	29.73	12.6	42.33
S048A	07/17/1999	N	28.67	13.66	42.33
S048A	10/09/1999	N	30.61	11.72	42.33
S048A	01/08/2000	N	30.80	11.62	42.42
S048A	04/08/2000	N	31.01	11.41	42.42
S048A	07/08/2000	N	29.84	12.58	42.42
S048A	10/07/2000	N	28.79	13.63	42.42
S048A	01/06/2001	N	30.52	11.9	42.42
S048A	04/07/2001	N	30.83	11.59	42.42
S048A	07/07/2001	N	30.30	12.14	42.44
S048A	10/06/2001	N	29.58	12.84	42.42
S048A	10/12/2002	N	31.12	11.30	42.42
S048A	10/10/2003	N	31.60	10.82	42.42
S048A	10/05/2004	N	31.24	11.18	42.42
S048A	10/10/2005	N	33.33	9.09	42.42
S048A	10/12/2006	N	33.27	9.15	42.42
S048A	10/09/2007	N	38.91	3.51	42.42
S048A	10/14/2008	N	33.26	9.16	42.42
S048A	10/12/2009	N	30.81	11.61	42.42

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S048A	10/12/2010	N	31.66	10.76	42.42
S048A	10/10/2011	N	32.43	9.99	42.42
S048A	10/09/2012	N	32.35	10.07	42.42
S048A	10/14/2013	N	31.27	11.15	42.42
S048A	10/13/2014	N	31.81	10.61	42.42
S048A	10/14/2015	N	31.55	10.87	42.42
S048A	10/11/2016	N	31.80	10.62	42.42
S048A	10/10/2017	N	32.37	10.05	42.42
S048A	10/09/2018	N	33.34	9.47	42.81
S048B1	01/07/1991	N	21.64	21.53	43.17
S048B1	04/08/1991	N	23.44	19.73	43.17
S048B1	07/08/1991	N	22.03	21.14	43.17
S048B1	10/07/1991	N	22.05	21.12	43.17
S048B1	01/06/1992	N	22.56	20.61	43.17
S048B1	04/06/1992	N	24.40	18.77	43.17
S048B1	07/06/1992	N	24.12	19.05	43.17
S048B1	07/07/1992	N	27.53	14.94	42.47
S048B1	10/05/1992	N	26.19	16.98	43.17
S048B1	01/04/1993	N	25.14	18.03	43.17
S048B1	04/05/1993	N	26.78	16.39	43.17
S048B1	07/06/1993	N	25.39	17.78	43.17
S048B1	10/04/1993	N	24.77	18.4	43.17
S048B1	01/03/1994	N	25.54	17.63	43.17
S048B1	04/04/1994	N	25.82	17.35	43.17
S048B1	07/05/1994	N	26.26	16.91	43.17
S048B1	10/31/1994	N	25.76	17.41	43.17
S048B1	01/03/1995	N	26.85	16.32	43.17
S048B1	04/03/1995	N	30.06	13.11	43.17
S048B1	07/09/1995	N	28.38	14.79	43.17
S048B1	10/09/1995	N	27.79	15.38	43.17
S048B1	01/02/1996	N	27.98	14.49	42.47
S048B1	04/01/1996	N	29.20	13.27	42.47
S048B1	07/08/1996	N	27.53	14.94	42.47
S048B1	10/07/1996	N	27.75	14.72	42.47
S048B1	01/13/1997	N	30.29	12.18	42.47
S048B1	04/07/1997	N	29.56	12.91	42.47
S048B1	07/21/1997	N	28.09	14.38	42.47
S048B1	10/13/1997	N	27.62	14.85	42.47
S048B1	01/10/1998	N	29.11	13.36	42.47
S048B1	04/12/1998	N	30.44	12.03	42.47
S048B1	07/12/1998	N	28.25	14.22	42.47
S048B1	10/04/1998	N	28.05	14.42	42.47
S048B1	01/10/1999	N	29.02	13.45	42.47
S048B1	04/18/1999	N	27.92	14.55	42.47
S048B1	07/17/1999	N	27.40	15.07	42.47
S048B1	10/09/1999	N	29.45	13.02	42.47

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S048B1	01/08/2000	N	28.08	14.39	42.47
S048B1	04/08/2000	N	28.87	13.6	42.47
S048B1	07/08/2000	N	28.31	14.16	42.47
S048B1	10/07/2000	N	27.15	15.32	42.47
S048B1	01/06/2001	N	28.14	14.33	42.47
S048B1	04/07/2001	N	28.84	13.63	42.47
S048B1	07/07/2001	N	28.52	13.97	42.49
S048B1	10/06/2001	N	28.35	14.12	42.47
S048B1	10/12/2002	N	30.40	12.07	42.47
S048B1	10/10/2003	N	30.98	11.49	42.47
S048B1	10/05/2004	N	30.95	11.52	42.47
S048B1	10/10/2005	N	33.59	8.88	42.47
S048B1	10/12/2006	N	32.42	10.05	42.47
S048B1	10/09/2007	N	38.90	3.57	42.47
S048B1	10/14/2008	N	32.31	10.16	42.47
S048B1	10/12/2009	N	29.92	12.55	42.47
S048B1	10/12/2010	N	31.47	11	42.47
S048B1	10/10/2011	N	32.39	10.08	42.47
S048B1	10/09/2012	N	32.09	10.38	42.47
S048B1	10/14/2013	N	31.31	11.16	42.47
S048B1	10/13/2014	N	31.74	10.73	42.47
S048B1	10/14/2015	N	31.41	11.06	42.47
S048B1	10/11/2016	N	31.73	10.74	42.47
S048B1	10/10/2017	N	32.41	10.06	42.47
S048B1	10/09/2018	N	33.18	9.45	42.63
S048B2	01/07/1991	N	-16.07	58.82	42.75
S048B2	04/08/1991	N	0.53	42.22	42.75
S048B2	07/08/1991	N	-14.95	57.7	42.75
S048B2	10/07/1991	N	-15.20	57.95	42.75
S048B2	01/06/1992	N	-1.94	44.69	42.75
S048B2	04/06/1992	N	3.30	39.45	42.75
S048B2	07/06/1992	N	7.85	34.9	42.75
S048B2	07/07/1992	N	1.56	40.62	42.18
S048B2	10/05/1992	N	8.50	34.25	42.75
S048B2	01/04/1993	N	13.64	29.11	42.75
S048B2	07/06/1993	N	12.10	30.65	42.75
S048B2	10/04/1993	N	7.84	34.91	42.75
S048B2	01/04/1994	N	13.61	29.14	42.75
S048B2	07/05/1994	N	13.84	28.91	42.75
S048B2	10/31/1994	N	14.99	27.76	42.75
S048B2	01/03/1995	N	15.55	27.2	42.75
S048B2	04/03/1995	N	16.78	25.97	42.75
S048B2	07/09/1995	N	16.50	26.25	42.75
S048B2	10/09/1995	N	14.55	28.2	42.75
S048B2	04/01/1996	N	-15.79	57.97	42.18
S048B2	07/08/1996	N	1.56	40.62	42.18

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S048B2	10/07/1996	N	-8.74	50.92	42.18
S048B2	01/13/1997	N	20.84	21.34	42.18
S048B2	04/07/1997	N	2.41	39.77	42.18
S048B2	07/21/1997	N	-1.17	43.35	42.18
S048B2	10/13/1997	N	7.41	34.77	42.18
S048B2	01/10/1998	N	0.47	41.71	42.18
S048B2	04/12/1998	N	11.59	30.59	42.18
S048B2	07/12/1998	N	-0.11	42.29	42.18
S048B2	10/04/1998	N	0.35	41.83	42.18
S048B2	01/10/1999	N	-6.47	48.94	42.47
S048B2	04/18/1999	N	-10.90	53.37	42.47
S048B2	07/17/1999	N	-13.41	55.88	42.47
S048B2	10/09/1999	N	-10.41	52.88	42.47
S048B2	01/08/2000	N	-14.22	56.69	42.47
S048B2	04/08/2000	N	-11.75	54.22	42.47
S048B2	07/08/2000	N	-14.24	56.71	42.47
S048B2	10/07/2000	N	-13.75	56.22	42.47
S048B2	01/06/2001	N	-15.00	57.47	42.47
S048B2	04/07/2001	N	-13.57	56.04	42.47
S048B2	07/07/2001	N	-15.36	57.83	42.47
S048B2	10/06/2001	N	-13.63	56.10	42.47
S048B2	10/12/2002	N	12.94	29.53	42.47
S048B2	10/10/2003	N	14.33	28.14	42.47
S048B2	10/05/2004	N	17.02	25.45	42.47
S048B2	10/10/2005	N	36.44	6.03	42.47
S048B2	10/12/2006	N	24.48	17.99	42.47
S048B2	10/09/2007	N	38.18	4.29	42.47
S048B2	10/14/2008	N	29.87	12.60	42.47
S048B2	10/12/2009	N	20.10	22.37	42.47
S048B2	10/12/2010	N	21.85	20.62	42.47
S048B2	10/10/2011	N	32.07	10.4	42.47
S048B2	10/09/2012	N	26.73	15.74	42.47
S048B2	10/14/2013	N	20.94	21.53	42.47
S048B2	10/13/2014	N	25.35	17.12	42.47
S048B2	10/14/2015	N	23.97	18.50	42.47
S048B2	10/11/2016	N	25.52	16.95	42.47
S048B2	10/10/2017	N	28.05	14.42	42.47
S048B2	10/09/2018	N	27.43	14.90	42.33
S048B3	01/07/1991	N	27.31	15.77	43.08
S048B3	04/08/1991	N	29.56	13.52	43.08
S048B3	07/08/1991	N	28.14	14.94	43.08
S048B3	10/07/1991	N	27.40	15.68	43.08
S048B3	01/06/1992	N	28.23	14.85	43.08
S048B3	04/06/1992	N	31.41	11.67	43.08
S048B3	07/06/1992	N	30.59	12.49	43.08
S048B3	07/07/1992	N	36.28	6.24	42.52

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S048B3	10/05/1992	N	31.86	11.22	43.08
S048B3	01/04/1993	N	29.30	13.78	43.08
S048B3	04/05/1993	N	32.45	10.63	43.08
S048B3	07/06/1993	N	31.79	11.29	43.08
S048B3	10/04/1993	N	30.12	12.96	43.08
S048B3	01/03/1994	N	31.32	11.76	43.08
S048B3	04/04/1994	N	32.86	10.22	43.08
S048B3	07/05/1994	N	32.67	10.41	43.08
S048B3	10/31/1994	N	31.96	11.12	43.08
S048B3	01/03/1995	N	33.15	9.93	43.08
S048B3	04/03/1995	N	36.43	6.65	43.08
S048B3	07/09/1995	N	35.84	7.24	43.08
S048B3	10/09/1995	N	35.85	7.23	43.08
S048B3	01/02/1996	N	36.04	6.48	42.52
S048B3	04/01/1996	N	38.05	4.47	42.52
S048B3	07/08/1996	N	36.28	6.24	42.52
S048B3	10/07/1996	N	35.25	7.27	42.52
S048B3	01/13/1997	N	39.36	3.16	42.52
S048B3	04/07/1997	N	40.32	2.2	42.52
S048B3	07/21/1997	N	39.07	3.45	42.52
S048B3	10/13/1997	N	38.79	3.73	42.52
S048B3	01/10/1998	N	39.08	2.78	41.86
S048B3	04/12/1998	N	41.62	0.24	41.86
S048B3	07/12/1998	N	40.35	1.51	41.86
S048B3	10/04/1998	N	39.63	2.23	41.86
S048B3	01/10/1999	N	39.82	2.7	42.52
S048B3	04/18/1999	N	39.95	2.57	42.52
S048B3	07/17/1999	N	39.24	3.28	42.52
S048B3	10/09/1999	N	40.26	2.26	42.52
S048B3	01/08/2000	N	32.77	9.75	42.52
S048B3	04/08/2000	N	36.20	6.32	42.52
S048B3	07/08/2000	N	35.48	7.04	42.52
S048B3	10/07/2000	N	34.13	8.39	42.52
S048B3	01/06/2001	N	35.17	7.35	42.52
S048B3	04/07/2001	N	37.28	5.24	42.52
S048B3	07/07/2001	N	35.66	6.87	42.53
S048B3	10/06/2001	N	35.17	7.35	42.52
S048B3	10/12/2002	N	36.30	6.22	42.52
S048B3	10/10/2003	N	38.08	4.44	42.52
S048B3	10/05/2004	N	37.85	4.67	42.52
S048B3	10/10/2005	N	41.36	1.16	42.52
S048B3	10/12/2006	N	40.44	2.08	42.52
S048B3	10/09/2007	N	42.51	0.01	42.52
S048B3	10/14/2008	N	37.44	5.08	42.52
S048B3	10/12/2009	N	37.15	5.37	42.52
S048B3	10/12/2010	N	38.36	4.16	42.52

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S048B3	10/10/2011	N	40.12	2.4	42.52
S048B3	10/09/2012	N	39.89	2.63	42.52
S048B3	10/14/2013	N	38.88	3.64	42.52
S048B3	10/13/2014	N	38.46	4.06	42.52
S048B3	10/14/2015	N	37.44	5.08	42.52
S048B3	10/11/2016	N	39.07	3.45	42.52
S048B3	10/10/2017	N	36.90	5.62	42.52
S048B3	10/09/2018	N	42.44	0.24	42.68
S049A	01/07/1991	N	30.16	15.44	45.60
S049A	04/08/1991	N	31.25	14.35	45.60
S049A	07/08/1991	N	30.41	15.19	45.60
S049A	10/07/1991	N	30.63	14.97	45.60
S049A	01/06/1992	N	31.17	14.43	45.60
S049A	04/06/1992	N	31.60	14	45.60
S049A	07/06/1992	N	31.27	14.33	45.60
S049A	07/07/1992	N	33.67	11.48	45.15
S049A	10/05/1992	N	32.39	13.21	45.60
S049A	01/08/1993	N	32.88	12.72	45.60
S049A	04/05/1993	N	33.38	12.22	45.60
S049A	01/17/1994	N	31.25	14.35	45.60
S049A	04/04/1994	N	31.60	14	45.60
S049A	07/05/1994	N	31.59	14.01	45.60
S049A	10/31/1994	N	31.32	14.28	45.60
S049A	01/03/1995	N	33.10	12.5	45.60
S049A	04/03/1995	N	34.79	10.81	45.60
S049A	07/09/1995	N	33.01	12.59	45.60
S049A	10/09/1995	N	32.22	13.38	45.60
S049A	01/02/1996	N	34.11	11.04	45.15
S049A	04/01/1996	N	34.15	11	45.15
S049A	07/08/1996	N	33.67	11.48	45.15
S049A	10/07/1996	N	33.95	11.2	45.15
S049A	04/07/1997	N	32.21	12.94	45.15
S049A	07/21/1997	N	31.77	13.38	45.15
S049A	10/13/1997	N	31.77	13.38	45.15
S049A	01/10/1998	N	32.50	12.65	45.15
S049A	04/12/1998	N	34.00	11.15	45.15
S049A	07/12/1998	N	32.24	12.91	45.15
S049A	10/04/1998	N	32.44	12.71	45.15
S049A	01/10/1999	N	32.30	12.85	45.15
S049A	04/18/1999	N	32.48	12.67	45.15
S049A	07/17/1999	N	32.17	12.98	45.15
S049A	10/09/1999	N	31.83	13.32	45.15
S049A	01/08/2000	N	31.17	14.06	45.23
S049A	04/08/2000	N	31.94	13.29	45.23
S049A	07/08/2000	N	31.73	13.5	45.23
S049A	10/07/2000	N	31.43	13.8	45.23

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S049A	01/06/2001	N	31.48	13.75	45.23
S049A	04/07/2001	N	31.94	13.29	45.23
S049A	07/07/2001	N	31.90	13.33	45.23
S049A	10/06/2001	N	31.62	13.61	45.23
S049A	10/12/2002	N	31.82	13.41	45.23
S049A	10/10/2003	N	33.25	11.98	45.23
S049A	10/05/2004	N	32.22	13.01	45.23
S049A	10/10/2005	N	34.76	10.47	45.23
S049A	10/12/2006	N	31.94	10.59	42.53
S049A	10/09/2007	N	32.95	9.58	42.53
S049A	10/14/2008	N	30.76	11.77	42.53
S049A	10/12/2009	N	31.26	11.27	42.53
S049A	10/11/2010	N	29.95	12.58	42.53
S049A	10/10/2011	N	30.57	11.96	42.53
S049A	10/09/2012	N	30.27	12.26	42.53
S049A	10/14/2013	N	29.84	12.69	42.53
S049A	10/13/2014	N	29.79	12.74	42.53
S049A	10/14/2015	N	29.50	13.03	42.53
S049A	12/15/2015	N	31.56	10.97	42.53
S049A	10/11/2016	N	29.79	12.74	42.53
S049A	11/14/2016	N	31.12	11.41	42.53
S049A	11/17/2016	N	31.31	11.22	42.53
S049A	12/02/2016	N	31.36	11.17	42.53
S049A	12/15/2016	N	31.56	10.97	42.53
S049A	12/21/2016	N	31.58	10.95	42.53
S049A	01/04/2017	N	31.81	10.72	42.53
S049A	01/17/2017	N	32.36	10.17	42.53
S049A	02/02/2017	N	33.24	9.29	42.53
S049A	03/08/2017	N	33.68	8.85	42.53
S049A	04/05/2017	N	30.95	11.58	42.53
S049A	05/17/2017	N	32.83	9.7	42.53
S049A	06/27/2017	N	32.44	10.09	42.53
S049A	07/13/2017	N	32.37	10.16	42.53
S049A	08/16/2017	N	32.28	10.25	42.53
S049A	10/10/2017	N	32.09	10.44	42.53
S049A	11/16/2017	N	32.30	10.23	42.53
S049A	10/09/2018	N	34.94	10.26	45.20
S049B1	01/07/1991	N	28.16	17.54	45.70
S049B1	04/08/1991	N	30.43	15.27	45.70
S049B1	07/08/1991	N	29.33	16.37	45.70
S049B1	10/07/1991	N	28.56	17.14	45.70
S049B1	01/06/1992	N	29.29	16.41	45.70
S049B1	04/06/1992	N	31.54	14.16	45.70
S049B1	07/06/1992	N	31.33	14.37	45.70
S049B1	07/07/1992	N	34.48	10.74	45.22
S049B1	10/05/1992	N	32.43	13.27	45.70

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S049B1	01/06/1993	N	33.66	12.04	45.70
S049B1	04/05/1993	N	32.47	13.23	45.70
S049B1	07/06/1993	N	31.55	14.15	45.70
S049B1	10/04/1993	N	30.71	14.99	45.70
S049B1	01/17/1994	N	31.27	14.43	45.70
S049B1	04/04/1994	N	31.98	13.72	45.70
S049B1	07/05/1994	N	32.22	13.48	45.70
S049B1	10/31/1994	N	31.73	13.97	45.70
S049B1	01/03/1995	N	32.85	12.85	45.70
S049B1	04/03/1995	N	34.99	10.71	45.70
S049B1	07/09/1995	N	34.32	11.38	45.70
S049B1	10/09/1995	N	34.75	10.95	45.70
S049B1	01/02/1996	N	34.41	10.81	45.22
S049B1	04/01/1996	N	36.09	9.13	45.22
S049B1	07/08/1996	N	34.48	10.74	45.22
S049B1	10/07/1996	N	34.36	10.86	45.22
S049B1	04/07/1997	N	36.86	8.36	45.22
S049B1	07/21/1997	N	36.39	8.83	45.22
S049B1	10/13/1997	N	35.02	10.2	45.22
S049B1	01/10/1998	N	34.34	10.88	45.22
S049B1	04/12/1998	N	36.95	8.27	45.22
S049B1	07/12/1998	N	36.26	8.96	45.22
S049B1	10/04/1998	N	36.10	9.12	45.22
S049B1	01/10/1999	N	35.36	9.86	45.22
S049B1	04/18/1999	N	34.60	10.62	45.22
S049B1	07/17/1999	N	34.50	10.72	45.22
S049B1	10/09/1999	N	37.46	7.76	45.22
S049B1	01/08/2000	N	33.21	12.07	45.28
S049B1	04/08/2000	N	33.68	11.6	45.28
S049B1	07/08/2000	N	33.99	11.29	45.28
S049B1	10/07/2000	N	33.17	12.11	45.28
S049B1	01/06/2001	N	33.38	11.9	45.28
S049B1	04/07/2001	N	35.17	10.11	45.28
S049B1	07/07/2001	N	33.78	11.50	45.28
S049B1	10/06/2001	N	34.25	11.03	45.28
S049B1	10/12/2002	N	37.30	7.98	45.28
S049B1	10/10/2003	N	37.71	7.57	45.28
S049B1	10/05/2004	N	37.72	7.56	45.28
S049B1	10/10/2005	N	40.91	4.37	45.28
S049B1	10/12/2006	N	35.84	6.82	42.66
S049B1	10/09/2007	N	39.26	3.40	42.66
S049B1	10/14/2008	N	34.23	8.43	42.66
S049B1	10/12/2009	N	34.63	8.03	42.66
S049B1	10/11/2010	N	35.06	7.60	42.66
S049B1	10/10/2011	N	37.74	4.92	42.66
S049B1	10/09/2012	N	36.13	6.53	42.66

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S049B1	10/14/2013	N	35.51	7.15	42.66
S049B1	10/13/2014	N	35.11	7.55	42.66
S049B1	10/14/2015	N	34.35	8.31	42.66
S049B1	10/11/2016	N	35.23	7.43	42.66
S049B1	10/10/2017	N	36.78	5.88	42.66
S049B1	10/09/2018	N	40.04	5.43	45.47
S065A	01/07/1991	N	21.88	22.13	44.01
S065A	04/08/1991	N	23.43	20.58	44.01
S065A	07/08/1991	N	22.27	21.74	44.01
S065A	10/07/1991	N	22.10	21.91	44.01
S065A	01/06/1992	N	22.55	21.46	44.01
S065A	04/06/1992	N	24.20	19.81	44.01
S065A	07/06/1992	N	23.96	20.05	44.01
S065A	07/07/1992	N	25.21	18.28	43.49
S065A	10/05/1992	N	24.16	19.85	44.01
S065A	01/04/1993	N	23.39	20.62	44.01
S065A	04/05/1993	N	24.86	19.15	44.01
S065A	07/06/1993	N	23.74	20.27	44.01
S065A	10/04/1993	N	22.81	21.2	44.01
S065A	01/03/1994	N	23.89	20.12	44.01
S065A	04/04/1994	N	23.71	20.3	44.01
S065A	07/05/1994	N	23.85	20.16	44.01
S065A	10/31/1994	N	24.29	19.72	44.01
S065A	01/03/1995	N	24.96	19.05	44.01
S065A	04/03/1995	N	29.97	14.04	44.01
S065A	07/09/1995	N	26.50	17.51	44.01
S065A	10/09/1995	N	25.42	18.59	44.01
S065A	01/02/1996	N	25.39	18.1	43.49
S065A	04/01/1996	N	27.56	15.93	43.49
S065A	07/08/1996	N	25.21	18.28	43.49
S065A	10/07/1996	N	26.62	16.87	43.49
S065A	01/13/1997	N	28.95	14.54	43.49
S065A	04/07/1997	N	28.70	14.79	43.49
S065A	07/21/1997	N	26.52	16.97	43.49
S065A	10/13/1997	N	25.10	18.39	43.49
S065A	01/10/1998	N	28.19	15.3	43.49
S065A	04/12/1998	N	30.15	13.34	43.49
S065A	07/12/1998	N	27.18	16.31	43.49
S065A	10/04/1998	N	26.88	16.61	43.49
S065A	01/10/1999	N	29.28	14.21	43.49
S065A	04/18/1999	N	27.67	15.82	43.49
S065A	07/17/1999	N	26.73	16.76	43.49
S065A	10/09/1999	N	28.97	14.52	43.49
S065A	01/08/2000	N	28.62	14.87	43.49
S065A	04/08/2000	N	29.65	13.84	43.49
S065A	07/08/2000	N	28.40	15.09	43.49

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S065A	10/07/2000	N	26.78	16.71	43.49
S065A	01/06/2001	N	28.66	14.83	43.49
S065A	04/07/2001	N	29.35	14.14	43.49
S065A	07/07/2001	N	28.91	14.60	43.51
S065A	10/06/2001	N	28.43	15.06	43.49
S065B1	01/07/1991	N	8.70	35.49	44.19
S065B1	04/08/1991	N	14.14	30.05	44.19
S065B1	07/08/1991	N	9.49	34.7	44.19
S065B1	10/07/1991	N	9.14	35.05	44.19
S065B1	01/06/1992	N	11.87	32.32	44.19
S065B1	04/09/1992	N	16.21	27.98	44.19
S065B1	07/06/1992	N	17.95	26.24	44.19
S065B1	07/07/1992	N	14.37	29.25	43.62
S065B1	10/05/1992	N	23.67	20.52	44.19
S065B1	01/04/1993	N	17.18	27.01	44.19
S065B1	04/05/1993	N	18.18	26.01	44.19
S065B1	07/06/1993	N	16.37	27.82	44.19
S065B1	10/04/1993	N	16.07	28.12	44.19
S065B1	01/03/1994	N	16.36	27.83	44.19
S065B1	04/04/1994	N	16.84	27.35	44.19
S065B1	07/05/1994	N	17.87	26.32	44.19
S065B1	10/31/1994	N	16.79	27.4	44.19
S065B1	01/03/1995	N	18.10	26.09	44.19
S065B1	04/03/1995	N	17.52	26.67	44.19
S065B1	07/09/1995	N	18.54	25.65	44.19
S065B1	10/09/1995	N	14.66	29.53	44.19
S065B1	01/02/1996	N	18.51	25.11	43.62
S065B1	04/01/1996	N	15.35	28.27	43.62
S065B1	07/08/1996	N	14.37	29.25	43.62
S065B1	10/07/1996	N	12.60	31.02	43.62
S065B1	01/13/1997	N	24.49	19.13	43.62
S065B1	04/07/1997	N	18.04	25.58	43.62
S065B1	07/21/1997	N	16.41	27.21	43.62
S065B1	10/13/1997	N	19.26	24.36	43.62
S065B1	01/10/1998	N	16.51	27.11	43.62
S065B1	04/12/1998	N	22.74	20.88	43.62
S065B1	07/12/1998	N	17.66	25.96	43.62
S065B1	10/04/1998	N	17.93	25.69	43.62
S065B1	01/10/1999	N	15.16	28.46	43.62
S065B1	04/18/1999	N	14.00	29.62	43.62
S065B1	07/17/1999	N	14.50	29.12	43.62
S065B1	10/09/1999	N	17.56	26.06	43.62
S065B1	01/08/2000	N	10.97	32.65	43.62
S065B1	04/08/2000	N	12.23	31.39	43.62
S065B1	07/08/2000	N	13.60	30.02	43.62
S065B1	10/07/2000	N	13.11	30.51	43.62

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S065B1	01/06/2001	N	12.81	30.81	43.62
S065B1	04/07/2001	N	15.55	28.07	43.62
S065B1	07/07/2001	N	13.28	30.37	43.65
S065B1	10/06/2001	N	15.25	28.38	43.63
S065B1	10/12/2002	N	22.79	20.83	43.62
S065B1	10/10/2003	N	24.13	19.49	43.62
S065B1	10/05/2004	N	24.87	18.75	43.62
S065B1	10/10/2005	N	35.50	8.12	43.62
S065B1	10/12/2006	N	28.04	15.58	43.62
S065B1	10/09/2007	N	38.45	5.17	43.62
S065B1	10/14/2008	N	22.11	21.51	43.62
S065B1	10/12/2009	N	25.06	18.56	43.62
S065B1	10/12/2010	N	27.14	16.48	43.62
S065B1	10/10/2011	N	32.59	11.03	43.62
S065B1	10/09/2012	N	29.78	13.84	43.62
S065B1	10/14/2013	N	27.57	16.05	43.62
S065B1	10/13/2014	N	29.17	14.45	43.62
S065B1	10/14/2015	N	30.55	13.07	43.62
S065B1	10/11/2016	N	29.60	14.02	43.62
S065B1	10/10/2017	N	30.83	12.79	43.62
S065B1	10/09/2018	N	31.89	11.63	43.52
S068A	01/07/1991	N	26.26	14.86	41.12
S068A	04/08/1991	N	26.23	14.89	41.12
S068A	07/08/1991	N	25.31	15.81	41.12
S068A	10/07/1991	N	25.00	16.12	41.12
S068A	01/06/1992	N	25.07	16.05	41.12
S068A	04/06/1992	N	26.90	14.22	41.12
S068A	07/06/1992	N	26.14	14.98	41.12
S068A	07/07/1992	N	27.84	12.88	40.72
S068A	10/05/1992	N	26.54	14.58	41.12
S068A	01/04/1993	N	26.60	14.52	41.12
S068A	04/05/1993	N	28.04	13.08	41.12
S068A	07/06/1993	N	26.98	14.14	41.12
S068A	10/04/1993	N	26.48	14.64	41.12
S068A	01/04/1994	N	26.97	14.15	41.12
S068A	04/04/1994	N	26.69	14.43	41.12
S068A	07/05/1994	N	27.71	13.41	41.12
S068A	10/31/1994	N	27.93	13.19	41.12
S068A	01/03/1995	N	27.64	13.48	41.12
S068A	04/03/1995	N	31.80	9.32	41.12
S068A	07/09/1995	N	28.30	12.82	41.12
S068A	10/09/1995	N	27.57	13.55	41.12
S068A	01/02/1996	N	27.99	12.73	40.72
S068A	04/01/1996	N	29.07	11.65	40.72
S068A	07/08/1996	N	27.84	12.88	40.72
S068A	10/07/1996	N	27.98	12.74	40.72

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S068A	01/13/1997	N	28.72	12	40.72
S068A	04/07/1997	N	29.17	11.55	40.72
S068A	07/21/1997	N	28.27	12.45	40.72
S068A	10/13/1997	N	27.65	13.07	40.72
S068A	01/10/1998	N	28.86	11.86	40.72
S068A	04/12/1998	N	30.49	10.23	40.72
S068A	07/12/1998	N	28.67	12.05	40.72
S068A	10/04/1998	N	27.95	12.77	40.72
S068A	01/10/1999	N	27.96	12.76	40.72
S068A	04/18/1999	N	27.92	12.8	40.72
S068A	07/17/1999	N	27.32	13.4	40.72
S068A	10/09/1999	N	28.45	12.27	40.72
S068A	01/08/2000	N	27.34	13.38	40.72
S068A	04/08/2000	N	29.52	11.2	40.72
S068A	07/08/2000	N	28.30	12.42	40.72
S068A	10/07/2000	N	27.65	13.07	40.72
S068A	01/06/2001	N	27.76	12.96	40.72
S068A	04/07/2001	N	29.05	11.67	40.72
S068A	07/07/2001	N	29.00	11.71	40.71
S068A	10/06/2001	N	28.14	12.58	40.72
S068A	10/12/2002	N	29.32	11.40	40.72
S068A	10/10/2003	N	29.62	11.10	40.72
S068A	10/05/2004	N	29.52	11.20	40.72
S068A	10/10/2005	N	31.17	9.55	40.72
S068A	10/12/2006	N	31.10	9.62	40.72
S068A	10/09/2007	N	31.24	9.48	40.72
S068A	10/14/2008	N	31.34	9.38	40.72
S068A	10/12/2009	N	29.37	11.35	40.72
S068A	10/12/2010	N	30.15	10.57	40.72
S068A	10/10/2011	N	30.97	9.75	40.72
S068A	10/09/2012	N	30.67	10.05	40.72
S068A	10/14/2013	N	29.56	11.16	40.72
S068A	10/14/2014	N	30.29	10.43	40.72
S068A	10/15/2015	N	29.95	10.77	40.72
S068A	10/10/2017	U	NA	NA	40.72
S068B1	01/07/1991	N	24.32	16.92	41.24
S068B1	04/08/1991	N	25.15	16.09	41.24
S068B1	07/08/1991	N	24.37	16.87	41.24
S068B1	10/07/1991	N	23.94	17.3	41.24
S068B1	01/06/1992	N	24.25	16.99	41.24
S068B1	04/06/1992	N	25.94	15.3	41.24
S068B1	07/06/1992	N	25.44	15.8	41.24
S068B1	07/07/1992	N	27.00	13.74	40.74
S068B1	10/05/1992	N	26.45	14.79	41.24
S068B1	01/04/1993	N	25.62	15.62	41.24
S068B1	04/05/1993	N	27.20	14.04	41.24

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S068B1	07/06/1993	N	26.10	15.14	41.24
S068B1	10/04/1993	N	25.51	15.73	41.24
S068B1	01/04/1994	N	26.26	14.98	41.24
S068B1	04/04/1994	N	25.57	15.67	41.24
S068B1	07/05/1994	N	26.40	14.84	41.24
S068B1	10/31/1994	N	26.91	14.33	41.24
S068B1	01/03/1995	N	26.94	14.3	41.24
S068B1	04/03/1995	N	30.86	10.38	41.24
S068B1	07/09/1995	N	27.90	13.34	41.24
S068B1	10/09/1995	N	27.30	13.94	41.24
S068B1	01/02/1996	N	27.37	13.37	40.74
S068B1	04/01/1996	N	28.61	12.13	40.74
S068B1	07/08/1996	N	27.00	13.74	40.74
S068B1	10/07/1996	N	27.24	13.5	40.74
S068B1	01/13/1997	N	29.59	11.15	40.74
S068B1	04/07/1997	N	28.70	12.04	40.74
S068B1	07/21/1997	N	27.82	12.92	40.74
S068B1	10/13/1997	N	27.16	13.58	40.74
S068B1	01/10/1998	N	28.28	12.46	40.74
S068B1	04/12/1998	N	29.79	10.95	40.74
S068B1	07/12/1998	N	28.01	12.73	40.74
S068B1	10/04/1998	N	27.47	13.27	40.74
S068B1	01/10/1999	N	27.34	13.4	40.74
S068B1	04/18/1999	N	27.09	13.65	40.74
S068B1	07/17/1999	N	26.57	14.17	40.74
S068B1	10/09/1999	N	28.25	12.49	40.74
S068B1	01/08/2000	N	26.49	14.25	40.74
S068B1	04/08/2000	N	28.48	12.26	40.74
S068B1	07/08/2000	N	27.49	13.25	40.74
S068B1	10/07/2000	N	26.63	14.11	40.74
S068B1	01/06/2001	N	26.82	13.92	40.74
S068B1	04/07/2001	N	28.18	12.56	40.74
S068B1	07/07/2001	N	28.01	12.72	40.73
S068B1	10/06/2001	N	27.47	13.27	40.74
S068B1	10/12/2002	N	29.20	11.54	40.74
S068B1	10/10/2003	N	29.43	11.31	40.74
S068B1	10/05/2004	N	29.39	11.35	40.74
S068B1	10/10/2005	N	31.61	9.13	40.74
S068B1	10/12/2006	N	30.94	9.80	40.74
S068B1	10/09/2007	N	31.06	9.68	40.74
S068B1	10/14/2008	N	30.81	9.93	40.74
S068B1	10/12/2009	N	28.92	11.82	40.74
S068B1	10/12/2010	N	30.09	10.65	40.74
S068B1	10/10/2011	N	31.09	9.65	40.74
S068B1	10/09/2012	N	30.89	9.85	40.74
S068B1	10/14/2013	N	29.84	10.9	40.74

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S068B1	10/14/2014	N	30.55	10.19	40.74
S068B1	10/15/2015	N	30.06	10.68	40.74
S068B1	10/10/2017	U	NA	NA	40.74
S069A	01/07/1991	N	27.61	13.2	40.81
S069A	04/08/1991	N	29.89	10.92	40.81
S069A	07/08/1991	N	28.74	12.07	40.81
S069A	10/07/1991	N	27.98	12.83	40.81
S069A	01/06/1992	N	28.51	12.3	40.81
S069A	04/06/1992	N	30.19	10.62	40.81
S069A	07/06/1992	N	28.99	11.82	40.81
S069A	07/07/1992	N	26.36	10.53	36.89
S069A	10/05/1992	N	28.69	12.12	40.81
S069A	01/04/1993	N	29.98	10.83	40.81
S069A	04/05/1993	N	31.63	9.18	40.81
S069A	07/06/1993	N	29.58	11.23	40.81
S069A	10/04/1993	N	29.56	11.25	40.81
S069A	01/04/1994	N	29.65	11.16	40.81
S069A	04/04/1994	N	29.84	10.97	40.81
S069A	07/05/1994	N	30.83	9.98	40.81
S069A	10/31/1994	N	30.83	9.98	40.81
S069A	01/03/1995	N	30.98	9.83	40.81
S069A	04/03/1995	N	34.20	6.61	40.81
S069A	07/09/1995	N	31.28	9.53	40.81
S069A	10/09/1995	N	29.64	11.17	40.81
S069A	01/02/1996	N	27.13	9.76	36.89
S069A	04/01/1996	N	28.24	8.65	36.89
S069A	07/08/1996	N	26.36	10.53	36.89
S069A	10/07/1996	N	26.07	10.82	36.89
S069A	01/13/1997	N	28.67	8.22	36.89
S069A	04/07/1997	N	30.72	9.45	40.17
S069A	07/21/1997	N	30.27	9.9	40.17
S069A	10/13/1997	N	29.46	10.71	40.17
S069A	01/10/1998	N	30.80	9.37	40.17
S069A	04/12/1998	N	31.89	8.28	40.17
S069A	07/12/1998	N	30.59	9.58	40.17
S069A	10/04/1998	N	29.91	10.26	40.17
S069A	01/10/1999	N	29.43	10.74	40.17
S069A	04/18/1999	N	29.93	10.24	40.17
S069A	07/17/1999	N	29.93	10.24	40.17
S069A	10/09/1999	N	30.96	9.21	40.17
S069A	01/08/2000	N	29.18	10.99	40.17
S069A	04/08/2000	N	31.34	8.83	40.17
S069A	07/08/2000	N	29.37	11.01	40.38
S069A	10/07/2000	N	29.36	11.02	40.38
S069A	01/06/2001	N	29.31	11.07	40.38
S069A	04/07/2001	N	30.82	9.56	40.38

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S069A	07/07/2001	N	30.40	9.97	40.37
S069A	10/06/2001	N	29.28	11.10	40.38
S069A	10/12/2002	N	32.49	10.18	42.67
S069A	10/10/2003	N	32.34	10.33	42.67
S069A	10/05/2004	N	32.51	10.16	42.67
S069A	10/10/2005	N	33.85	8.82	42.67
S069A	10/12/2006	N	33.52	9.15	42.67
S069A	10/09/2007	N	33.69	8.98	42.67
S069A	10/14/2008	N	33.82	8.85	42.67
S069A	10/12/2009	N	32.25	10.42	42.67
S069A	10/12/2010	N	32.80	9.87	42.67
S069A	10/10/2011	N	33.87	8.8	42.67
S069A	10/09/2012	N	NA	NA	42.67
S069A	10/14/2013	N	NA	NA	42.67
S069A	10/14/2014	N	NA	NA	42.67
S069A	10/15/2015	N	NA	NA	42.67
S069A	10/10/2017	U	NA	NA	42.67
S069B1	01/07/1991	N	26.83	14.5	41.33
S069B1	04/08/1991	N	28.64	12.69	41.33
S069B1	07/08/1991	N	27.56	13.77	41.33
S069B1	10/07/1991	N	27.10	14.23	41.33
S069B1	01/06/1992	N	27.58	13.75	41.33
S069B1	04/06/1992	N	29.18	12.15	41.33
S069B1	07/06/1992	N	27.84	13.49	41.33
S069B1	07/07/1992	N	25.10	12.32	37.42
S069B1	10/05/1992	N	28.06	13.27	41.33
S069B1	01/04/1993	N	28.51	12.82	41.33
S069B1	04/05/1993	N	29.76	11.57	41.33
S069B1	07/06/1993	N	28.42	12.91	41.33
S069B1	10/04/1993	N	27.63	13.7	41.33
S069B1	01/04/1994	N	28.40	12.93	41.33
S069B1	04/04/1994	N	28.34	12.99	41.33
S069B1	07/05/1994	N	30.15	11.18	41.33
S069B1	10/31/1994	N	29.35	11.98	41.33
S069B1	01/03/1995	N	29.75	11.58	41.33
S069B1	04/03/1995	N	33.10	8.23	41.33
S069B1	07/09/1995	N	29.57	11.76	41.33
S069B1	10/09/1995	N	28.55	12.78	41.33
S069B1	01/02/1996	N	25.82	11.6	37.42
S069B1	04/01/1996	N	26.42	11	37.42
S069B1	07/08/1996	N	25.10	12.32	37.42
S069B1	10/07/1996	N	24.93	12.49	37.42
S069B1	01/13/1997	N	26.98	10.44	37.42
S069B1	04/07/1997	N	29.51	11.2	40.71
S069B1	07/21/1997	N	28.83	11.88	40.71
S069B1	10/13/1997	N	28.18	12.53	40.71

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S069B1	01/10/1998	N	29.22	11.49	40.71
S069B1	04/12/1998	N	30.83	9.88	40.71
S069B1	07/12/1998	N	29.51	11.2	40.71
S069B1	10/04/1998	N	28.72	11.99	40.71
S069B1	01/10/1999	N	28.52	12.19	40.71
S069B1	04/18/1999	N	28.80	11.91	40.71
S069B1	07/17/1999	N	28.08	12.63	40.71
S069B1	10/09/1999	N	28.99	11.72	40.71
S069B1	01/08/2000	N	27.92	12.79	40.71
S069B1	04/08/2000	N	29.70	11.01	40.71
S069B1	07/08/2000	N	28.33	12.38	40.71
S069B1	10/07/2000	N	27.90	12.81	40.71
S069B1	01/06/2001	N	28.43	12.28	40.71
S069B1	04/07/2001	N	29.60	11.11	40.71
S069B1	07/07/2001	N	29.07	11.63	40.70
S069B1	10/06/2001	N	28.53	12.18	40.71
S069B1	10/12/2002	N	29.20	11.51	40.71
S069B1	10/10/2003	N	29.44	11.27	40.71
S069B1	10/05/2004	N	29.37	11.34	40.71
S069B1	10/10/2005	N	32.40	8.31	40.71
S069B1	10/12/2006	N	30.57	10.14	40.71
S069B1	10/09/2007	N	30.85	9.86	40.71
S069B1	10/14/2008	N	30.59	10.12	40.71
S069B1	10/12/2009	N	29.29	11.42	40.71
S069B1	10/12/2010	N	29.89	10.82	40.71
S069B1	10/10/2011	N	30.71	10	40.71
S069B1	10/09/2012	N	NA	NA	40.71
S069B1	10/14/2013	N	NA	NA	40.71
S069B1	10/14/2014	N	NA	NA	40.71
S069B1	10/15/2015	N	NA	NA	40.71
S069B1	10/10/2017	U	NA	NA	40.71
S070A	01/07/1991	N	29.66	16.9	46.56
S070A	04/08/1991	N	32.36	14.2	46.56
S070A	07/08/1991	N	29.70	16.86	46.56
S070A	10/07/1991	N	29.18	17.38	46.56
S070A	01/06/1992	N	31.10	15.46	46.56
S070A	04/06/1992	N	32.25	14.31	46.56
S070A	07/06/1992	N	30.57	15.99	46.56
S070A	07/07/1992	N	32.74	12.95	45.69
S070A	10/05/1992	N	30.18	16.38	46.56
S070A	01/04/1993	N	32.25	14.31	46.56
S070A	04/05/1993	N	33.13	13.43	46.56
S070A	07/06/1993	N	30.61	15.95	46.56
S070A	10/04/1993	N	29.89	16.67	46.56
S070A	01/03/1994	N	30.76	15.8	46.56
S070A	04/04/1994	N	30.94	15.62	46.56

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S070A	07/05/1994	N	30.84	15.72	46.56
S070A	10/31/1994	N	30.60	15.96	46.56
S070A	01/03/1995	N	32.96	13.6	46.56
S070A	04/03/1995	N	34.73	11.83	46.56
S070A	07/09/1995	N	32.92	13.64	46.56
S070A	10/09/1995	N	32.21	14.35	46.56
S070A	01/02/1996	N	33.77	11.92	45.69
S070A	04/01/1996	N	33.88	11.81	45.69
S070A	07/08/1996	N	32.74	12.95	45.69
S070A	10/07/1996	N	32.57	13.12	45.69
S070A	01/13/1997	N	33.64	12.05	45.69
S070A	04/07/1997	N	32.35	13.34	45.69
S070A	07/21/1997	N	31.84	13.85	45.69
S070A	10/13/1997	N	31.93	13.76	45.69
S070A	01/10/1998	N	33.81	11.88	45.69
S070A	04/12/1998	N	33.96	11.73	45.69
S070A	07/12/1998	N	32.22	13.47	45.69
S070A	10/04/1998	N	32.35	13.34	45.69
S070A	01/10/1999	N	32.42	13.27	45.69
S070A	04/18/1999	N	32.72	12.97	45.69
S070A	07/17/1999	N	32.16	13.53	45.69
S070A	10/09/1999	N	32.95	12.74	45.69
S070A	01/08/2000	N	31.75	13.94	45.69
S070A	04/08/2000	N	32.56	13.13	45.69
S070A	07/08/2000	N	32.34	13.35	45.69
S070A	10/07/2000	N	31.74	13.95	45.69
S070A	01/06/2001	N	32.06	13.63	45.69
S070A	04/07/2001	N	33.03	12.66	45.69
S070A	07/07/2001	N	32.79	12.90	45.69
S070A	10/06/2001	N	34.12	11.57	45.69
S079A	01/07/1991	N	26.31	16.5	42.81
S079A	04/08/1991	N	27.53	15.28	42.81
S079A	07/08/1991	N	26.36	16.45	42.81
S079A	10/07/1991	N	26.13	16.68	42.81
S079A	01/06/1992	N	26.18	16.63	42.81
S079A	04/06/1992	N	28.15	14.66	42.81
S079A	07/06/1992	N	27.83	14.98	42.81
S079A	07/07/1992	N	32.77	9.52	42.29
S079A	10/05/1992	N	29.70	13.11	42.81
S079A	01/04/1993	N	30.00	12.81	42.81
S079A	04/05/1993	N	31.43	11.38	42.81
S079A	07/06/1993	N	30.00	12.81	42.81
S079A	10/04/1993	N	30.13	12.68	42.81
S079A	01/03/1994	N	30.00	12.81	42.81
S079A	04/04/1994	N	30.06	12.75	42.81
S079A	07/05/1994	N	31.20	11.61	42.81

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HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S079A	10/31/1994	N	31.33	11.48	42.81
S079A	01/03/1995	N	31.63	11.18	42.81
S079A	04/03/1995	N	34.07	8.74	42.81
S079A	07/09/1995	N	32.72	10.09	42.81
S079A	10/09/1995	N	32.49	10.32	42.81
S079A	01/02/1996	N	32.92	9.37	42.29
S079A	04/01/1996	N	33.40	8.89	42.29
S079A	07/08/1996	N	32.77	9.52	42.29
S079A	10/07/1996	N	32.25	10.04	42.29
S079A	01/13/1997	N	33.58	8.71	42.29
S079A	04/07/1997	N	33.45	8.84	42.29
S079A	07/21/1997	N	32.65	9.64	42.29
S079A	10/13/1997	N	32.57	9.72	42.29
S079A	01/10/1998	N	33.64	8.65	42.29
S079A	04/12/1998	N	34.20	8.09	42.29
S079A	07/12/1998	N	33.19	9.1	42.29
S079A	10/04/1998	N	33.18	9.11	42.29
S079A	01/10/1999	N	33.18	9.11	42.29
S079A	04/18/1999	N	33.24	9.05	42.29
S079A	07/17/1999	N	32.78	9.51	42.29
S079A	10/09/1999	N	33.62	8.67	42.29
S079A	01/08/2000	N	32.89	9.29	42.18
S079A	04/08/2000	N	33.60	8.58	42.18
S079A	07/08/2000	N	33.37	8.81	42.18
S079A	10/07/2000	N	33.07	9.11	42.18
S079A	01/06/2001	N	33.37	8.81	42.18
S079A	04/07/2001	N	33.89	8.29	42.18
S079A	07/07/2001	N	33.65	8.53	42.18
S079A	10/06/2001	N	33.50	8.68	42.18
S079A	10/12/2002	N	33.84	8.34	42.18
S079A	10/10/2003	N	34.44	7.74	42.18
S079A	10/05/2004	N	34.21	7.97	42.18
S079A	10/10/2005	N	35.93	6.25	42.18
S079A	10/12/2006	N	36.19	5.99	42.18
S079A	10/09/2007	N	36.53	5.65	42.18
S079A	10/14/2008	N	36.13	6.05	42.18
S079A	10/12/2009	N	36.06	6.12	42.18
S079A	10/11/2010	N	35.03	7.15	42.18
S079A	10/10/2011	N	35.52	6.66	42.18
S079A	10/10/2012	N	35.40	6.78	42.18
S079A	10/14/2013	N	34.86	7.32	42.18
S079A	10/13/2014	N	35.11	7.07	42.18
S079A	10/14/2015	N	34.25	7.93	42.18
S079A	10/11/2016	N	34.35	7.83	42.18
S079A	10/10/2017	N	35.22	6.96	42.18
S079A	10/09/2018	N	36.11	6.26	42.37

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SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S080A	01/07/1991	N	28.65	14.78	43.43
S080A	04/08/1991	N	29.76	13.67	43.43
S080A	07/08/1991	N	28.66	14.77	43.43
S080A	10/07/1991	N	28.55	14.88	43.43
S080A	01/06/1992	N	28.43	15	43.43
S080A	04/11/1992	N	30.21	13.22	43.43
S080A	07/06/1992	N	30.04	13.39	43.43
S080A	07/07/1992	N	33.82	8.97	42.79
S080A	10/05/1992	N	31.19	12.24	43.43
S080A	01/04/1993	N	31.60	11.83	43.43
S080A	04/05/1993	N	32.35	11.08	43.43
S080A	07/06/1993	N	31.51	11.92	43.43
S080A	10/04/1993	N	31.55	11.88	43.43
S080A	01/03/1994	N	31.50	11.93	43.43
S080A	04/04/1994	N	31.48	11.95	43.43
S080A	07/05/1994	N	32.59	10.84	43.43
S080A	10/31/1994	N	32.51	10.92	43.43
S080A	01/03/1995	N	31.93	11.5	43.43
S080A	04/03/1995	N	16.94	26.49	43.43
S080A	07/09/1995	N	33.74	9.69	43.43
S080A	10/09/1995	N	33.67	9.76	43.43
S080A	01/02/1996	N	33.90	8.89	42.79
S080A	04/01/1996	N	34.31	8.48	42.79
S080A	07/08/1996	N	33.82	8.97	42.79
S080A	10/07/1996	N	33.45	9.34	42.79
S080A	01/13/1997	N	34.60	8.19	42.79
S080A	04/07/1997	N	34.44	8.35	42.79
S080A	07/21/1997	N	33.83	8.96	42.79
S080A	10/13/1997	N	33.84	8.95	42.79
S080A	04/12/1998	N	34.99	7.8	42.79
S080A	07/12/1998	N	34.22	8.57	42.79
S080A	10/04/1998	N	34.26	8.53	42.79
S080A	01/10/1999	N	34.21	8.58	42.79
S080A	04/18/1999	N	34.14	8.65	42.79
S080A	07/17/1999	N	33.88	8.91	42.79
S080A	10/09/1999	N	34.66	8.13	42.79
S080A	01/08/2000	N	33.92	8.87	42.79
S080A	04/08/2000	N	34.31	8.48	42.79
S080A	07/08/2000	N	34.20	8.59	42.79
S080A	10/07/2000	N	34.05	8.74	42.79
S080A	01/06/2001	N	34.26	8.53	42.79
S080A	04/07/2001	N	34.72	8.07	42.79
S080A	07/07/2001	N	34.63	8.16	42.79
S080A	10/06/2001	N	34.44	8.35	42.79
S080A	10/12/2002	N	34.81	7.98	42.79
S080A	10/10/2003	N	35.23	7.56	42.79

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Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S080A	10/05/2004	N	35.25	7.54	42.79
S080A	10/10/2005	N	36.84	5.95	42.79
S080A	10/12/2006	N	37.10	5.69	42.79
S080A	10/09/2007	N	37.38	5.41	42.79
S080A	10/14/2008	N	36.56	6.23	42.79
S080A	10/12/2009	N	35.51	7.28	42.79
S080A	10/11/2010	N	35.96	6.83	42.79
S080A	10/10/2011	N	36.39	6.4	42.79
S080A	10/09/2012	N	36.28	6.51	42.79
S080A	10/14/2013	N	NA	NA	42.79
S080A	10/13/2014	N	35.88	6.91	42.79
S080A	10/14/2015	N	35.05	7.74	42.79
S080A	10/11/2016	N	35.10	7.69	42.79
S080A	10/10/2017	N	35.96	6.83	42.79
S080A	10/09/2018	N	36.59	6.23	42.82
S080B1	01/07/1991	N	16.63	26.44	43.07
S080B1	04/08/1991	N	17.92	25.15	43.07
S080B1	07/08/1991	N	16.72	26.35	43.07
S080B1	10/08/1991	N	14.90	28.17	43.07
S080B1	01/06/1992	N	15.89	27.18	43.07
S080B1	04/06/1992	N	18.13	24.94	43.07
S080B1	07/06/1992	N	19.33	23.74	43.07
S080B1	07/07/1992	N	18.08	24.44	42.52
S080B1	10/05/1992	N	23.40	19.67	43.07
S080B1	01/04/1993	N	14.03	29.04	43.07
S080B1	04/05/1993	N	15.65	27.42	43.07
S080B1	07/06/1993	N	14.73	28.34	43.07
S080B1	10/04/1993	N	13.45	29.62	43.07
S080B1	01/03/1994	N	14.09	28.98	43.07
S080B1	04/04/1994	N	14.89	28.18	43.07
S080B1	07/05/1994	N	15.67	27.4	43.07
S080B1	10/31/1994	N	14.39	28.68	43.07
S080B1	01/03/1995	N	15.67	27.4	43.07
S080B1	04/03/1995	N	16.58	26.49	43.07
S080B1	07/09/1995	N	16.75	26.32	43.07
S080B1	10/09/1995	N	20.80	22.27	43.07
S080B1	01/02/1996	N	16.50	26.02	42.52
S080B1	04/01/1996	N	30.10	12.42	42.52
S080B1	07/08/1996	N	18.08	24.44	42.52
S080B1	10/07/1996	N	18.31	24.21	42.52
S080B1	01/13/1997	N	20.27	22.25	42.52
S080B1	04/07/1997	N	23.91	18.61	42.52
S080B1	07/21/1997	N	22.81	19.71	42.52
S080B1	10/13/1997	N	24.05	18.47	42.52
S080B1	01/10/1998	N	22.49	20.03	42.52
S080B1	04/12/1998	N	26.58	15.94	42.52

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811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S080B1	07/12/1998	N	23.48	19.04	42.52
S080B1	10/04/1998	N	23.63	18.89	42.52
S080B1	01/10/1999	N	21.93	20.59	42.52
S080B1	04/18/1999	N	19.70	22.82	42.52
S080B1	07/17/1999	N	21.37	21.15	42.52
S080B1	10/09/1999	N	24.96	17.56	42.52
S080B1	01/08/2000	N	18.96	23.65	42.61
S080B1	04/08/2000	N	19.51	23.1	42.61
S080B1	07/08/2000	N	18.30	24.31	42.61
S080B1	10/07/2000	N	17.92	24.69	42.61
S080B1	01/06/2001	N	19.00	23.61	42.61
S080B1	04/07/2001	N	24.25	18.36	42.61
S080B1	07/07/2001	N	18.00	24.61	42.61
S080B1	10/06/2001	N	21.08	21.54	42.62
S080B1	10/12/2002	N	27.34	15.27	42.61
S080B1	10/10/2003	N	28.31	14.30	42.61
S080B1	10/05/2004	N	28.98	13.63	42.61
S080B1	10/10/2005	N	36.54	6.07	42.61
S080B1	10/12/2006	N	29.20	13.41	42.61
S080B1	10/09/2007	N	38.02	4.59	42.61
S080B1	10/14/2008	N	26.84	15.77	42.61
S080B1	10/12/2009	N	29.18	13.43	42.61
S080B1	10/11/2010	N	31.85	10.76	42.61
S080B1	10/10/2011	N	33.87	8.74	42.61
S080B1	10/09/2012	N	33.19	9.42	42.61
S080B1	10/14/2013	N	32.80	9.81	42.61
S080B1	10/13/2014	N	33.03	9.58	42.61
S080B1	10/14/2015	N	31.98	10.63	42.61
S080B1	10/11/2016	N	33.22	9.39	42.61
S080B1	10/10/2017	N	34.63	7.98	42.61
S080B1	10/09/2018	N	35.78	6.98	42.76
S081A	01/07/1991	N	26.27	18	44.27
S081A	04/08/1991	N	27.61	16.66	44.27
S081A	07/08/1991	N	26.40	17.87	44.27
S081A	10/07/1991	N	26.26	18.01	44.27
S081A	01/06/1992	N	26.09	18.18	44.27
S081A	04/06/1992	N	28.69	15.58	44.27
S081A	07/06/1992	N	28.18	16.09	44.27
S081A	07/07/1992	N	34.73	10.02	44.75
S081A	10/05/1992	N	29.82	14.45	44.27
S081A	01/04/1993	N	30.81	13.46	44.27
S081A	04/05/1993	N	32.06	12.21	44.27
S081A	07/06/1993	N	30.86	13.41	44.27
S081A	10/04/1993	N	31.13	13.14	44.27
S081A	01/03/1994	N	30.98	13.29	44.27
S081A	04/04/1994	N	31.40	12.87	44.27

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SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S081A	07/05/1994	N	33.68	10.59	44.27
S081A	10/31/1994	N	32.32	11.95	44.27
S081A	01/03/1995	N	32.52	11.75	44.27
S081A	04/03/1995	N	34.48	9.79	44.27
S081A	07/09/1995	N	33.61	10.66	44.27
S081A	10/09/1995	N	33.42	10.85	44.27
S081A	01/02/1996	N	34.90	9.85	44.75
S081A	04/01/1996	N	35.09	9.66	44.75
S081A	07/08/1996	N	34.73	10.02	44.75
S081A	10/07/1996	N	34.25	10.5	44.75
S081A	01/13/1997	N	35.34	9.41	44.75
S081A	04/07/1997	N	35.23	9.52	44.75
S081A	07/21/1997	N	34.69	10.06	44.75
S081A	10/13/1997	N	34.69	10.06	44.75
S081A	01/10/1998	N	35.51	9.24	44.75
S081A	04/12/1998	N	35.82	8.93	44.75
S081A	07/12/1998	N	35.17	9.58	44.75
S081A	10/04/1998	N	35.17	9.58	44.75
S081A	01/10/1999	N	35.14	9.61	44.75
S081A	04/18/1999	N	35.09	9.66	44.75
S081A	07/17/1999	N	34.81	9.94	44.75
S081A	10/09/1999	N	35.32	9.43	44.75
S081A	01/08/2000	N	34.97	9.78	44.75
S081A	04/08/2000	N	35.50	9.25	44.75
S081A	07/08/2000	N	35.11	9.64	44.75
S081A	10/07/2000	N	35.09	9.66	44.75
S081A	01/06/2001	N	35.16	9.59	44.75
S081A	04/07/2001	N	35.46	9.29	44.75
S081A	07/07/2001	N	35.37	9.38	44.75
S081A	10/06/2001	N	35.12	9.63	44.75
S081A	10/12/2002	N	35.35	9.40	44.75
S081A	10/10/2003	N	35.68	9.07	44.75
S081A	10/05/2004	N	35.57	9.18	44.75
S081A	10/10/2005	N	36.79	7.96	44.75
S081A	10/12/2006	N	38.88	5.87	44.75
S081A	10/09/2007	N	38.99	5.76	44.75
S081A	10/14/2008	N	38.73	6.02	44.75
S081A	10/12/2009	N	37.46	7.29	44.75
S081A	10/11/2010	N	37.79	6.96	44.75
S081A	10/10/2011	N	38.22	6.53	44.75
S081A	10/09/2012	N	38.04	6.71	44.75
S081A	10/14/2013	N	37.63	7.12	44.75
S081A	10/13/2014	N	37.63	7.12	44.75
S081A	10/14/2015	N	36.83	7.92	44.75
S081A	10/11/2016	N	36.87	7.88	44.75
S081A	10/10/2017	N	37.85	6.90	44.75

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HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S081A	10/09/2018	N	37.23	6.29	43.52
S082A	01/07/1991	N	26.85	18.32	45.17
S082A	04/08/1991	N	28.66	16.51	45.17
S082A	07/08/1991	N	26.86	18.31	45.17
S082A	10/07/1991	N	26.52	18.65	45.17
S082A	01/06/1992	N	26.68	18.49	45.17
S082A	04/06/1992	N	29.78	15.39	45.17
S082A	07/06/1992	N	29.56	15.61	45.17
S082A	07/07/1992	N	34.57	9.95	44.52
S082A	10/05/1992	N	30.50	14.67	45.17
S082A	01/04/1993	N	31.39	13.78	45.17
S082A	04/05/1993	N	33.30	11.87	45.17
S082A	07/06/1993	N	31.70	13.47	45.17
S082A	10/04/1993	N	32.93	12.24	45.17
S082A	01/03/1994	N	32.15	13.02	45.17
S082A	04/04/1994	N	32.09	13.08	45.17
S082A	07/05/1994	N	32.78	12.39	45.17
S082A	10/31/1994	N	33.65	11.52	45.17
S082A	01/03/1995	N	33.79	11.38	45.17
S082A	04/03/1995	N	35.51	9.66	45.17
S082A	07/09/1995	N	34.63	10.54	45.17
S082A	10/09/1995	N	34.43	10.74	45.17
S082A	01/02/1996	N	34.98	9.54	44.52
S082A	04/01/1996	N	34.97	9.55	44.52
S082A	07/08/1996	N	34.57	9.95	44.52
S082A	10/07/1996	N	34.00	10.52	44.52
S082A	01/13/1997	N	35.29	9.23	44.52
S082A	04/07/1997	N	35.03	9.49	44.52
S082A	07/21/1997	N	34.61	9.91	44.52
S082A	10/13/1997	N	34.43	10.09	44.52
S082A	01/10/1998	N	35.34	9.18	44.52
S082A	04/12/1998	N	35.94	8.58	44.52
S082A	07/12/1998	N	35.17	9.35	44.52
S082A	10/04/1998	N	35.09	9.43	44.52
S082A	01/10/1999	N	35.30	9.22	44.52
S082A	04/18/1999	N	35.13	9.39	44.52
S082A	07/17/1999	N	34.68	9.84	44.52
S082A	10/09/1999	N	35.00	9.52	44.52
S082A	01/08/2000	N	34.88	9.64	44.52
S082A	04/08/2000	N	35.29	9.23	44.52
S082A	07/08/2000	N	34.99	9.53	44.52
S082A	10/07/2000	N	34.88	9.64	44.52
S082A	01/06/2001	N	35.03	9.49	44.52
S082A	04/07/2001	N	35.42	9.1	44.52
S082A	07/07/2001	N	35.04	9.48	44.52
S082A	10/06/2001	N	34.85	9.67	44.52

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S082A	10/12/2002	N	35.04	9.48	44.52
S082A	10/10/2003	N	35.65	8.87	44.52
S082A	10/05/2004	N	35.43	9.09	44.52
S082A	10/10/2005	N	37.12	7.40	44.52
S082A	10/12/2006	N	37.45	7.07	44.52
S082A	10/09/2007	N	37.52	7.0	44.52
S082A	10/14/2008	N	36.49	8.03	44.52
S082A	10/12/2009	N	36.39	8.13	44.52
S082A	10/11/2010	N	36.41	8.11	44.52
S082A	10/10/2011	N	36.92	7.6	44.52
S082A	10/09/2012	N	36.69	7.83	44.52
S082A	10/14/2013	N	36.26	8.26	44.52
S082A	10/13/2014	N	36.20	8.32	44.52
S082A	10/14/2015	N	35.33	9.19	44.52
S082A	10/11/2016	N	35.39	9.13	44.52
S082A	10/10/2017	N	36.34	8.18	44.52
S082A	10/09/2018	N	37.14	7.52	44.66
S082B1	01/07/1991	N	22.94	22.2	45.14
S082B1	04/08/1991	N	23.94	21.2	45.14
S082B1	07/08/1991	N	23.31	21.83	45.14
S082B1	10/07/1991	N	22.51	22.63	45.14
S082B1	01/06/1992	N	23.60	21.54	45.14
S082B1	04/06/1992	N	26.90	18.24	45.14
S082B1	07/06/1992	N	26.55	18.59	45.14
S082B1	07/07/1992	N	26.66	17.92	44.58
S082B1	10/05/1992	N	27.16	17.98	45.14
S082B1	01/04/1993	N	23.61	21.53	45.14
S082B1	04/05/1993	N	25.87	19.27	45.14
S082B1	07/06/1993	N	26.12	19.02	45.14
S082B1	10/04/1993	N	23.36	21.78	45.14
S082B1	01/03/1994	N	24.39	20.75	45.14
S082B1	04/04/1994	N	25.31	19.83	45.14
S082B1	07/05/1994	N	24.25	20.89	45.14
S082B1	10/31/1994	N	25.34	19.8	45.14
S082B1	01/03/1995	N	27.69	17.45	45.14
S082B1	04/03/1995	N	28.56	16.58	45.14
S082B1	07/09/1995	N	26.71	18.43	45.14
S082B1	10/09/1995	N	27.55	17.59	45.14
S082B1	01/02/1996	N	26.86	17.72	44.58
S082B1	04/01/1996	N	28.66	15.92	44.58
S082B1	07/08/1996	N	26.66	17.92	44.58
S082B1	10/07/1996	N	26.46	18.12	44.58
S082B1	01/13/1997	N	29.32	15.26	44.58
S082B1	04/07/1997	N	29.24	15.34	44.58
S082B1	07/21/1997	N	29.24	15.34	44.58
S082B1	10/13/1997	N	29.37	15.21	44.58

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HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S082B1	01/10/1998	N	28.69	15.89	44.58
S082B1	04/12/1998	N	30.79	13.79	44.58
S082B1	07/12/1998	N	29.43	15.15	44.58
S082B1	10/04/1998	N	29.77	14.81	44.58
S082B1	01/10/1999	N	29.44	15.14	44.58
S082B1	04/18/1999	N	28.91	15.67	44.58
S082B1	07/17/1999	N	29.41	15.17	44.58
S082B1	10/09/1999	N	30.06	14.52	44.58
S082B1	01/08/2000	N	28.15	16.43	44.58
S082B1	04/08/2000	N	28.28	16.3	44.58
S082B1	07/08/2000	N	30.17	14.41	44.58
S082B1	10/07/2000	N	28.39	16.19	44.58
S082B1	01/06/2001	N	28.86	15.72	44.58
S082B1	04/07/2001	N	32.52	12.06	44.58
S082B1	07/07/2001	N	29.50	15.08	44.58
S082B1	10/06/2001	N	29.53	15.05	44.58
S082B1	10/12/2002	N	31.26	13.32	44.58
S082B1	10/10/2003	N	34.93	9.65	44.58
S082B1	10/05/2004	N	35.21	9.37	44.58
S082B1	10/10/2005	N	38.09	6.49	44.58
S082B1	10/12/2006	N	36.08	8.50	44.58
S082B1	10/09/2007	N	38.92	5.66	44.58
S082B1	10/14/2008	N	38.45	6.13	44.58
S082B1	10/12/2009	N	38.37	6.21	44.58
S082B1	10/11/2010	N	36.54	8.04	44.58
S082B1	10/10/2011	N	37.48	7.1	44.58
S082B1	10/09/2012	N	37.22	7.36	44.58
S082B1	10/14/2013	N	36.98	7.6	44.58
S082B1	10/13/2014	N	36.82	7.76	44.58
S082B1	10/14/2015	N	35.84	8.74	44.58
S082B1	10/11/2016	N	36.70	7.88	44.58
S082B1	10/10/2017	U	NA	NA	44.58
S082B1	10/09/2018	U	NA	NA	44.58
S083A	01/07/1991	N	27.08	17.61	44.69
S083A	04/08/1991	N	28.26	16.43	44.69
S083A	07/08/1991	N	27.06	17.63	44.69
S083A	10/07/1991	N	26.75	17.94	44.69
S083A	01/06/1992	N	26.81	17.88	44.69
S083A	04/06/1992	N	29.17	15.52	44.69
S083A	07/06/1992	N	28.82	15.87	44.69
S083A	07/07/1992	N	33.77	10.41	44.18
S083A	10/05/1992	N	30.39	14.3	44.69
S083A	01/04/1993	N	30.86	13.83	44.69
S083A	04/05/1993	N	32.38	12.31	44.69
S083A	07/06/1993	N	31.05	13.64	44.69
S083A	10/04/1993	N	31.91	12.78	44.69

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S083A	01/03/1994	N	31.25	13.44	44.69
S083A	04/04/1994	N	31.12	13.57	44.69
S083A	07/05/1994	N	31.63	13.06	44.69
S083A	10/31/1994	N	32.28	12.41	44.69
S083A	01/03/1995	N	32.69	12	44.69
S083A	04/03/1995	N	34.67	10.02	44.69
S083A	07/09/1995	N	33.61	11.08	44.69
S083A	10/09/1995	N	33.59	11.1	44.69
S083A	01/02/1996	N	34.19	9.99	44.18
S083A	04/01/1996	N	34.50	9.68	44.18
S083A	07/08/1996	N	33.77	10.41	44.18
S083A	10/07/1996	N	33.25	10.93	44.18
S083A	01/13/1997	N	34.87	9.31	44.18
S083A	04/07/1997	N	34.51	9.67	44.18
S083A	07/21/1997	N	34.06	10.12	44.18
S083A	10/13/1997	N	33.86	10.32	44.18
S083A	01/10/1998	N	34.84	9.34	44.18
S083A	04/12/1998	N	35.57	8.61	44.18
S083A	07/12/1998	N	34.73	9.45	44.18
S083A	10/04/1998	N	34.70	9.48	44.18
S083A	01/10/1999	N	35.04	9.14	44.18
S083A	04/18/1999	N	34.75	9.43	44.18
S083A	07/17/1999	N	34.18	10	44.18
S083A	10/09/1999	N	34.50	9.68	44.18
S083A	01/08/2000	N	34.59	9.66	44.25
S083A	04/08/2000	N	34.84	9.41	44.25
S083A	07/08/2000	N	34.68	9.57	44.25
S083A	10/07/2000	N	34.46	9.79	44.25
S083A	01/06/2001	N	34.66	9.59	44.25
S083A	04/07/2001	N	35.13	9.12	44.25
S083A	07/07/2001	N	34.59	9.66	44.25
S083A	10/06/2001	N	34.42	9.83	44.25
S083A	10/12/2002	N	34.66	9.59	44.25
S083A	10/10/2003	N	35.40	8.85	44.25
S083A	10/05/2004	N	35.12	9.13	44.25
S083A	10/10/2005	N	36.52	7.73	44.25
S083A	10/12/2006	N	36.86	7.39	44.25
S083A	10/09/2007	N	36.94	7.31	44.25
S083A	10/14/2008	N	35.08	9.17	44.25
S083A	10/12/2009	N	35.57	8.68	44.25
S083A	10/11/2010	N	35.92	8.33	44.25
S083A	10/10/2011	N	36.46	7.79	44.25
S083A	10/09/2012	N	36.22	8.03	44.25
S083A	10/14/2013	N	35.83	8.42	44.25
S083A	10/13/2014	N	35.82	8.43	44.25
S083A	10/14/2015	N	34.94	9.31	44.25

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S083A	10/11/2016	N	35.02	9.23	44.25
S083A	10/10/2017	N	35.93	8.32	44.25
S083A	10/09/2018	N	36.75	7.67	44.42
S084A	01/07/1991	N	35.80	14.86	50.66
S084A	04/08/1991	N	36.13	14.53	50.66
S084A	07/08/1991	N	36.01	14.65	50.66
S084A	10/07/1991	Y	NA	NA	50.66
S084A	01/06/1992	Y	NA	NA	50.66
S084A	04/06/1992	Y	NA	NA	50.66
S084A	07/06/1992	N	36.11	14.55	50.66
S084A	07/07/1992	N	39.65	10.36	50.01
S084A	10/05/1992	N	36.06	14.6	50.66
S084A	01/04/1993	N	36.12	14.54	50.66
S084A	04/05/1993	N	36.45	14.21	50.66
S084A	07/06/1993	N	36.63	14.03	50.66
S084A	10/04/1993	N	36.21	14.45	50.66
S084A	01/03/1994	N	36.40	14.26	50.66
S084A	04/04/1994	N	36.53	14.13	50.66
S084A	07/05/1994	N	37.10	13.56	50.66
S084A	10/31/1994	N	37.32	13.34	50.66
S084A	01/03/1995	N	37.48	13.18	50.66
S084A	04/03/1995	N	39.83	10.83	50.66
S084A	07/09/1995	N	39.39	11.27	50.66
S084A	10/09/1995	N	39.37	11.29	50.66
S084A	01/02/1996	N	39.22	10.79	50.01
S084A	04/01/1996	N	39.63	10.38	50.01
S084A	07/08/1996	N	39.65	10.36	50.01
S084A	10/07/1996	N	38.95	11.06	50.01
S084A	01/13/1997	N	40.16	9.85	50.01
S084A	04/07/1997	N	40.25	9.76	50.01
S084A	07/21/1997	N	40.07	9.94	50.01
S084A	10/13/1997	N	39.82	10.19	50.01
S084A	01/10/1998	N	40.59	9.42	50.01
S084A	04/12/1998	N	41.32	8.69	50.01
S084A	07/12/1998	N	41.03	8.98	50.01
S084A	10/04/1998	N	40.71	9.3	50.01
S084A	01/10/1999	N	40.60	9.41	50.01
S084A	04/18/1999	N	40.86	9.15	50.01
S084A	07/17/1999	N	40.53	9.48	50.01
S084A	10/09/1999	N	40.49	9.52	50.01
S084A	01/08/2000	N	40.28	9.79	50.07
S084A	04/08/2000	N	40.66	9.41	50.07
S084A	07/08/2000	N	40.61	9.46	50.07
S084A	10/07/2000	N	40.82	9.25	50.07
S084A	01/06/2001	N	40.60	9.47	50.07
S084A	04/07/2001	N	40.99	9.08	50.07

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HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S084A	07/07/2001	N	40.77	9.30	50.07
S084A	10/06/2001	N	40.56	9.51	50.07
S084A	10/12/2002	N	40.50	9.57	50.07
S084A	10/10/2003	N	40.95	9.12	50.07
S084A	10/05/2004	N	40.78	9.29	50.07
S084A	10/10/2005	N	NA	NA	50.07
S084A	10/12/2006	U	NA	NA	50.07
S084A	10/09/2007	U	NA	NA	47.37
S084A	10/13/2009	N	NA	NA	50.07
S084B1	01/07/1991	N	32.11	18.58	50.69
S084B1	04/08/1991	N	33.32	17.37	50.69
S084B1	07/08/1991	N	32.68	18.01	50.69
S084B1	10/07/1991	N	32.35	18.34	50.69
S084B1	01/06/1992	N	25.05	25.64	50.69
S084B1	04/06/1992	N	34.38	16.31	50.69
S084B1	07/06/1992	N	34.29	16.4	50.69
S084B1	07/07/1992	N	39.13	10.93	50.06
S084B1	10/05/1992	N	35.09	15.6	50.69
S084B1	01/04/1993	N	34.38	16.31	50.69
S084B1	04/05/1993	N	36.40	14.29	50.69
S084B1	07/06/1993	N	36.65	14.04	50.69
S084B1	10/04/1993	N	36.18	14.51	50.69
S084B1	01/03/1994	N	36.36	14.33	50.69
S084B1	04/04/1994	N	36.46	14.23	50.69
S084B1	07/05/1994	N	36.98	13.71	50.69
S084B1	10/31/1994	N	37.26	13.43	50.69
S084B1	01/03/1995	N	22.79	27.9	50.69
S084B1	04/03/1995	N	39.81	10.88	50.69
S084B1	07/09/1995	N	39.30	11.39	50.69
S084B1	10/09/1995	N	39.36	11.33	50.69
S084B1	01/02/1996	N	39.17	10.89	50.06
S084B1	04/01/1996	N	42.99	7.07	50.06
S084B1	07/08/1996	N	39.13	10.93	50.06
S084B1	10/07/1996	N	39.02	11.04	50.06
S084B1	01/13/1997	N	40.17	9.89	50.06
S084B1	04/07/1997	N	40.30	9.76	50.06
S084B1	07/21/1997	N	40.09	9.97	50.06
S084B1	10/13/1997	N	39.84	10.22	50.06
S084B1	01/10/1998	N	41.72	8.34	50.06
S084B1	04/12/1998	N	41.38	8.68	50.06
S084B1	07/12/1998	N	41.08	8.98	50.06
S084B1	10/04/1998	N	40.79	9.27	50.06
S084B1	01/10/1999	N	40.67	9.39	50.06
S084B1	04/18/1999	N	40.95	9.11	50.06
S084B1	07/17/1999	N	40.62	9.44	50.06
S084B1	10/09/1999	N	40.58	9.48	50.06

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HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S084B1	01/08/2000	N	40.47	9.57	50.04
S084B1	04/08/2000	N	40.82	9.22	50.04
S084B1	07/08/2000	N	40.73	9.31	50.04
S084B1	10/07/2000	N	40.77	9.27	50.04
S084B1	01/06/2001	N	40.77	9.27	50.04
S084B1	04/07/2001	N	41.05	8.99	50.04
S084B1	07/07/2001	N	40.85	9.19	50.04
S084B1	10/06/2001	N	40.72	9.32	50.04
S084B1	10/12/2002	N	40.61	9.43	50.04
S084B1	10/10/2003	N	41.15	8.89	50.04
S084B1	10/05/2004	N	41.00	9.04	50.04
S084B1	10/10/2005	N	NA	NA	50.04
S084B1	10/12/2006	U	NA	NA	50.04
S084B1	10/09/2007	U	NA	NA	47.34
S084B1	10/13/2009	N	NA	NA	50.04
S085A	01/07/1991	Y	NA	NA	45.54
S085A	04/08/1991	Y	NA	NA	45.54
S085A	07/08/1991	Y	NA	NA	45.54
S085A	10/07/1991	Y	NA	NA	45.54
S085A	01/06/1992	Y	NA	NA	45.54
S085A	04/06/1992	Y	NA	NA	45.54
S085A	07/06/1992	Y	NA	NA	45.54
S085A	07/07/1992	N	33.14	12.4	45.54
S085A	10/05/1992	Y	NA	NA	46.13
S085A	01/04/1993	Y	NA	NA	46.13
S085A	04/05/1993	Y	NA	NA	46.13
S085A	07/06/1993	Y	NA	NA	46.13
S085A	10/04/1993	Y	NA	NA	46.13
S085A	01/03/1994	Y	NA	NA	46.13
S085A	04/04/1994	Y	NA	NA	46.13
S085A	07/05/1994	Y	NA	NA	46.13
S085A	10/31/1994	Y	NA	NA	46.13
S085A	01/03/1995	Y	NA	NA	46.13
S085A	04/03/1995	N	34.77	11.36	46.13
S085A	07/09/1995	N	34.20	11.93	46.13
S085A	10/09/1995	Y	NA	NA	45.54
S085A	01/02/1996	N	34.25	11.29	45.54
S085A	04/01/1996	N	33.67	11.87	45.54
S085A	07/08/1996	N	33.14	12.4	45.54
S085A	10/07/1996	N	33.35	12.19	45.54
S085A	01/13/1997	N	34.09	11.45	45.54
S085A	04/07/1997	N	34.40	11.14	45.54
S085A	07/21/1997	N	33.34	12.2	45.54
S085A	10/13/1997	N	32.65	12.89	45.54
S085A	01/10/1998	N	34.36	11.18	45.54
S085A	04/12/1998	N	34.46	11.08	45.54

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S085A	07/12/1998	N	33.54	12	45.54
S085A	10/04/1998	N	33.57	11.97	45.54
S085A	01/10/1999	N	33.46	12.08	45.54
S085A	04/18/1999	N	33.55	11.99	45.54
S085A	07/17/1999	N	33.24	12.3	45.54
S085A	10/09/1999	N	33.94	11.6	45.54
S085A	01/08/2000	N	33.11	12.43	45.54
S085A	04/08/2000	N	33.74	11.8	45.54
S085A	07/08/2000	N	34.12	11.42	45.54
S085A	10/07/2000	N	33.67	11.87	45.54
S086A	01/07/1991	Y	NA	NA	46.07
S086A	04/08/1991	Y	NA	NA	46.07
S086A	07/08/1991	Y	NA	NA	46.07
S086A	10/07/1991	Y	NA	NA	46.07
S086A	01/06/1992	N	32.62	13.45	46.07
S086A	04/06/1992	Y	NA	NA	45.49
S086A	07/06/1992	Y	NA	NA	45.49
S086A	07/07/1992	N	33.03	12.46	45.49
S086A	10/05/1992	Y	NA	NA	46.07
S086A	01/04/1993	Y	NA	NA	46.07
S086A	04/05/1993	Y	NA	NA	46.07
S086A	07/06/1993	N	32.89	13.18	46.07
S086A	10/04/1993	Y	NA	NA	46.07
S086A	01/03/1994	Y	NA	NA	46.07
S086A	04/04/1994	Y	NA	NA	46.07
S086A	07/05/1994	Y	NA	NA	46.07
S086A	10/31/1994	Y	NA	NA	46.07
S086A	01/03/1995	Y	NA	NA	46.07
S086A	04/03/1995	N	35.67	10.4	46.07
S086A	07/09/1995	N	33.55	12.52	46.07
S086A	10/09/1995	N	29.73	16.34	46.07
S086A	01/02/1996	N	34.27	11.22	45.49
S086A	04/01/1996	N	33.72	11.77	45.49
S086A	07/08/1996	N	33.03	12.46	45.49
S086A	10/07/1996	N	32.93	12.56	45.49
S086A	01/13/1997	N	33.10	12.39	45.49
S086A	04/07/1997	N	31.88	13.61	45.49
S086A	07/21/1997	N	31.68	13.81	45.49
S086A	10/13/1997	N	31.74	13.75	45.49
S086A	01/10/1998	N	32.92	12.57	45.49
S086A	04/12/1998	N	33.40	12.09	45.49
S086A	07/12/1998	N	32.10	13.39	45.49
S086A	10/04/1998	N	32.38	13.11	45.49
S086A	01/10/1999	N	32.06	13.43	45.49
S086A	04/18/1999	N	32.50	12.99	45.49
S086A	07/17/1999	N	32.02	13.47	45.49

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S086A	10/09/1999	N	32.24	13.25	45.49
S086A	01/08/2000	N	31.63	13.86	45.49
S086A	04/08/2000	N	31.95	13.54	45.49
S086A	07/08/2000	N	31.73	13.76	45.49
S086A	10/07/2000	N	32.00	13.49	45.49
S087A	01/07/1991	N	30.59	16.37	46.96
S087A	04/08/1991	N	30.77	16.19	46.96
S087A	07/08/1991	N	30.74	16.22	46.96
S087A	10/07/1991	N	31.18	15.78	46.96
S087A	01/06/1992	N	31.54	15.42	46.96
S087A	04/06/1992	N	31.57	15.39	46.96
S087A	07/06/1992	N	31.91	15.05	46.96
S087A	07/07/1992	N	32.53	13.82	46.35
S087A	10/05/1992	N	31.93	15.03	46.96
S087A	01/04/1993	N	31.89	15.07	46.96
S087A	04/05/1993	N	31.65	15.31	46.96
S087A	07/06/1993	N	31.69	15.27	46.96
S087A	10/04/1993	N	31.65	15.31	46.96
S087A	01/03/1994	N	31.71	15.25	46.96
S087A	04/04/1994	N	31.41	15.55	46.96
S087A	07/05/1994	N	31.67	15.29	46.96
S087A	10/31/1994	N	31.58	15.38	46.96
S087A	01/03/1995	N	31.93	15.03	46.96
S087A	04/03/1995	N	33.03	13.93	46.96
S087A	07/09/1995	N	32.30	14.66	46.96
S087A	10/09/1995	N	32.23	14.73	46.96
S087A	01/02/1996	N	32.22	14.13	46.35
S087A	04/01/1996	N	32.25	14.1	46.35
S087A	07/08/1996	N	32.53	13.82	46.35
S087A	10/07/1996	N	32.70	13.65	46.35
S087A	01/13/1997	N	34.86	11.49	46.35
S087A	04/07/1997	N	31.88	14.47	46.35
S087A	07/21/1997	N	31.81	14.54	46.35
S087A	10/13/1997	N	31.85	14.5	46.35
S087A	01/10/1998	N	31.76	14.59	46.35
S087A	04/12/1998	N	31.90	14.45	46.35
S087A	07/12/1998	N	32.58	13.77	46.35
S087A	10/04/1998	N	32.85	13.5	46.35
S087A	01/10/1999	N	31.95	14.4	46.35
S087A	04/18/1999	N	31.77	14.58	46.35
S087A	07/17/1999	N	31.69	14.66	46.35
S087A	10/09/1999	N	30.70	15.65	46.35
S087A	01/08/2000	N	29.76	16.59	46.35
S087A	04/08/2000	N	30.61	15.74	46.35
S087A	07/08/2000	N	30.60	15.75	46.35
S087A	10/07/2000	N	30.33	16.02	46.35

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S087A	01/06/2001	N	30.10	16.25	46.35
S087A	04/07/2001	N	30.29	16.06	46.35
S087A	07/07/2001	N	30.36	16.01	46.37
S087A	10/06/2001	N	30.05	16.30	46.35
S088A	01/07/1991	N	31.72	15.22	46.94
S088A	04/08/1991	N	31.97	14.97	46.94
S088A	07/08/1991	N	31.94	15	46.94
S088A	10/07/1991	N	32.47	14.47	46.94
S088A	01/06/1992	N	33.02	13.92	46.94
S088A	04/06/1992	N	32.93	14.01	46.94
S088A	07/06/1992	N	33.47	13.47	46.94
S088A	07/07/1992	N	34.68	11.66	46.34
S088A	10/05/1992	N	33.48	13.46	46.94
S088A	01/04/1993	N	33.56	13.38	46.94
S088A	04/05/1993	N	33.28	13.66	46.94
S088A	07/06/1993	N	33.36	13.58	46.94
S088A	10/04/1993	N	33.40	13.54	46.94
S088A	01/03/1994	N	33.17	13.77	46.94
S088A	04/04/1994	N	32.81	14.13	46.94
S088A	07/05/1994	N	33.28	13.66	46.94
S088A	10/31/1994	N	33.06	13.88	46.94
S088A	01/03/1995	N	33.15	13.79	46.94
S088A	04/03/1995	N	34.51	12.43	46.94
S088A	07/09/1995	N	34.09	12.85	46.94
S088A	10/09/1995	N	34.00	12.94	46.94
S088A	01/02/1996	N	34.39	11.95	46.34
S088A	04/01/1996	N	34.35	11.99	46.34
S088A	07/08/1996	N	34.68	11.66	46.34
S088A	10/07/1996	N	35.29	11.05	46.34
S088A	01/13/1997	N	32.31	14.03	46.34
S088A	04/07/1997	N	34.22	12.12	46.34
S088A	07/21/1997	N	34.20	12.14	46.34
S088A	10/13/1997	N	34.32	12.02	46.34
S088A	01/10/1998	N	34.24	12.1	46.34
S088A	04/12/1998	N	34.41	11.93	46.34
S088A	07/12/1998	N	34.82	11.52	46.34
S088A	10/04/1998	N	35.16	11.18	46.34
S088A	01/10/1999	N	34.75	11.59	46.34
S088A	04/18/1999	N	34.41	11.93	46.34
S088A	07/17/1999	N	34.50	11.84	46.34
S088A	10/09/1999	N	32.59	13.75	46.34
S088A	01/08/2000	N	31.59	14.75	46.34
S088A	04/08/2000	N	32.63	13.71	46.34
S088A	07/08/2000	N	32.60	13.74	46.34
S088A	10/07/2000	N	32.12	14.22	46.34
S088A	01/06/2001	N	31.82	14.52	46.34

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S088A	04/07/2001	N	32.38	13.96	46.34
S088A	07/07/2001	N	32.47	13.89	46.36
S088A	10/06/2001	N	31.93	14.41	46.34
S088A	10/12/2002	N	32.26	14.08	46.34
S088A	10/10/2003	N	32.65	13.69	46.34
S088A	10/05/2004	N	32.60	13.74	46.34
S088A	10/10/2005	N	32.72	13.62	46.34
S088A	10/12/2006	N	32.86	13.48	46.34
S088A	10/09/2007	N	39.29	7.05	46.34
S088A	10/14/2008	N	33.09	13.25	46.34
S088A	10/12/2009	N	32.33	14.01	46.34
S088A	10/12/2010	N	32.11	14.23	46.34
S088A	10/10/2011	N	32.54	13.8	46.34
S088A	10/09/2012	N	32.43	13.91	46.34
S088A	10/14/2013	N	31.50	14.84	46.34
S088A	10/13/2014	N	31.57	14.77	46.34
S088A	10/14/2015	N	31.55	14.79	46.34
S088A	10/11/2016	N	31.61	14.73	46.34
S088A	10/10/2017	N	32.45	13.89	46.34
S088A	10/09/2018	N	32.53	13.65	46.18
S089A	01/07/1991	Y	NA	NA	46.10
S089A	04/08/1991	N	28.90	17.2	46.10
S089A	07/08/1991	Y	NA	NA	46.10
S089A	10/07/1991	Y	NA	NA	46.10
S089A	01/06/1992	Y	NA	NA	46.10
S089A	04/06/1992	N	29.68	16.42	46.10
S089A	07/06/1992	N	29.70	16.4	46.10
S089A	07/07/1992	N	35.07	10.44	45.51
S089A	10/05/1992	N	31.64	14.46	46.10
S089A	01/04/1993	N	32.46	13.64	46.10
S089A	04/05/1993	N	33.62	12.48	46.10
S089A	07/06/1993	N	32.33	13.77	46.10
S089A	10/04/1993	N	32.85	13.25	46.10
S089A	01/03/1994	N	32.58	13.52	46.10
S089A	04/04/1994	N	32.45	13.65	46.10
S089A	07/05/1994	N	34.42	11.68	46.10
S089A	10/31/1994	N	33.80	12.3	46.10
S089A	01/03/1995	N	34.28	11.82	46.10
S089A	04/03/1995	N	35.83	10.27	46.10
S089A	07/09/1995	N	35.08	11.02	46.10
S089A	10/09/1995	N	34.83	11.27	46.10
S089A	01/02/1996	N	35.27	10.24	45.51
S089A	04/01/1996	N	34.63	10.88	45.51
S089A	07/08/1996	N	35.07	10.44	45.51
S089A	10/07/1996	N	34.60	10.91	45.51
S089A	01/13/1997	N	35.63	9.88	45.51

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S089A	04/07/1997	N	35.53	9.98	45.51
S089A	07/21/1997	N	35.06	10.45	45.51
S089A	10/13/1997	N	35.04	10.47	45.51
S089A	01/10/1998	N	35.84	9.67	45.51
S089A	04/12/1998	N	36.10	9.41	45.51
S089A	07/12/1998	N	35.52	9.99	45.51
S089A	10/04/1998	N	35.51	10	45.51
S089A	01/10/1999	N	35.48	10.03	45.51
S089A	04/18/1999	N	35.42	10.09	45.51
S089A	07/17/1999	N	35.18	10.33	45.51
S089A	10/09/1999	N	35.67	9.84	45.51
S089A	01/08/2000	N	35.31	10.2	45.51
S089A	04/08/2000	N	35.66	9.85	45.51
S089A	07/08/2000	N	35.53	9.98	45.51
S089A	10/07/2000	N	35.62	9.89	45.51
S089A	01/06/2001	N	35.68	9.83	45.51
S089A	04/07/2001	N	35.95	9.56	45.51
S089A	07/07/2001	N	35.93	9.58	45.51
S089A	10/06/2001	N	35.66	9.85	45.51
S090A	01/07/1991	N	30.43	15.87	46.30
S090A	04/08/1991	Y	NA	NA	46.30
S090A	07/08/1991	Y	NA	NA	46.30
S090A	10/07/1991	Y	NA	NA	46.30
S090A	01/06/1992	N	31.27	15.03	46.30
S090A	04/06/1992	N	31.07	15.23	46.30
S090A	07/06/1992	N	31.00	15.3	46.30
S090A	07/07/1992	N	35.04	10.64	45.68
S090A	10/05/1992	N	32.20	14.1	46.30
S090A	01/04/1993	N	32.77	13.53	46.30
S090A	04/05/1993	N	33.64	12.66	46.30
S090A	07/06/1993	N	32.61	13.69	46.30
S090A	10/04/1993	N	32.99	13.31	46.30
S090A	01/03/1994	N	32.68	13.62	46.30
S090A	04/04/1994	N	32.72	13.58	46.30
S090A	07/05/1994	N	34.32	11.98	46.30
S090A	10/31/1994	N	33.85	12.45	46.30
S090A	01/03/1995	N	34.15	12.15	46.30
S090A	04/03/1995	N	35.87	10.43	46.30
S090A	07/09/1995	N	35.10	11.2	46.30
S090A	10/09/1995	N	34.92	11.38	46.30
S090A	01/02/1996	N	35.28	10.4	45.68
S090A	04/01/1996	N	35.43	10.25	45.68
S090A	07/08/1996	N	35.04	10.64	45.68
S090A	10/07/1996	N	34.66	11.02	45.68
S090A	01/13/1997	N	35.66	10.02	45.68
S090A	04/07/1997	N	35.53	10.15	45.68

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S090A	07/21/1997	N	35.07	10.61	45.68
S090A	10/13/1997	N	35.05	10.63	45.68
S090A	01/10/1998	N	35.86	9.82	45.68
S090A	04/12/1998	N	36.11	9.57	45.68
S090A	07/12/1998	N	35.53	10.15	45.68
S090A	10/04/1998	N	35.54	10.14	45.68
S090A	01/10/1999	N	35.45	10.23	45.68
S090A	04/18/1999	N	35.42	10.26	45.68
S090A	07/17/1999	N	35.14	10.54	45.68
S090A	10/09/1999	N	35.61	10.07	45.68
S090A	01/08/2000	N	35.26	10.42	45.68
S090A	04/08/2000	N	35.64	10.04	45.68
S090A	07/08/2000	N	35.50	10.18	45.68
S090A	10/07/2000	N	35.61	10.07	45.68
S090A	01/06/2001	N	35.67	10.01	45.68
S090A	04/07/2001	N	35.94	9.74	45.68
S090A	07/07/2001	N	35.92	9.76	45.68
S090A	10/06/2001	N	35.64	10.04	45.68
S090A	10/12/2002	N	35.85	9.83	45.68
S090A	10/10/2003	N	36.15	9.53	45.68
S090A	10/05/2004	N	36.08	9.60	45.68
S090A	10/10/2005	N	NA	NA	45.68
S090A	10/12/2006	N	37.80	6.09	43.89
S090A	10/09/2007	N	37.86	6.03	43.89
S090A	10/14/2008	N	37.46	6.43	43.89
S090A	10/12/2009	N	36.65	7.24	43.89
S090A	10/11/2010	N	36.94	6.95	43.89
S090A	10/10/2011	N	37.29	6.6	43.89
S090A	10/09/2012	N	37.14	6.75	43.89
S090A	10/14/2013	N	36.74	7.15	43.89
S090A	10/13/2014	N	36.65	7.24	43.89
S090A	10/14/2015	N	35.85	8.04	43.89
S090A	10/11/2016	N	35.89	8.00	43.89
S090A	10/10/2017	N	36.87	7.02	43.89
S090A	10/09/2018	N	37.53	6.52	44.05
S091A	01/07/1991	N	29.70	16.98	46.68
S091A	04/08/1991	N	32.03	14.65	46.68
S091A	07/08/1991	N	29.99	16.69	46.68
S091A	10/07/1991	N	29.73	16.95	46.68
S091A	01/06/1992	N	30.46	16.22	46.68
S091A	04/06/1992	N	32.13	14.55	46.68
S091A	07/06/1992	N	30.94	15.74	46.68
S091A	07/07/1992	N	32.58	13.52	46.10
S091A	10/05/1992	N	30.28	16.4	46.68
S091A	01/04/1993	N	31.45	15.23	46.68
S091A	04/05/1993	N	32.12	14.56	46.68

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HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S091A	07/06/1993	N	30.65	16.03	46.68
S091A	10/04/1993	N	30.18	16.5	46.68
S091A	01/03/1994	N	30.92	15.76	46.68
S091A	04/04/1994	N	30.93	15.75	46.68
S091A	07/05/1994	N	30.92	15.76	46.68
S091A	10/31/1994	N	30.73	15.95	46.68
S091A	01/03/1995	N	32.02	14.66	46.68
S091A	04/03/1995	N	34.22	12.46	46.68
S091A	07/09/1995	N	32.57	14.11	46.68
S091A	10/09/1995	N	32.22	14.46	46.68
S091A	01/02/1996	N	33.14	12.96	46.10
S091A	04/01/1996	N	33.38	12.72	46.10
S091A	07/08/1996	N	32.58	13.52	46.10
S091A	10/07/1996	N	32.45	13.65	46.10
S091A	01/13/1997	N	33.42	12.68	46.10
S091A	04/07/1997	N	32.32	13.78	46.10
S091A	07/21/1997	N	32.10	14	46.10
S091A	10/13/1997	N	32.27	13.83	46.10
S091A	01/10/1998	N	33.19	12.91	46.10
S091A	04/12/1998	N	33.22	12.88	46.10
S091A	07/12/1998	N	32.63	13.47	46.10
S091A	10/04/1998	N	32.52	13.58	46.10
S091A	01/10/1999	N	32.52	13.58	46.10
S091A	04/18/1999	N	32.77	13.33	46.10
S091A	07/17/1999	N	32.49	13.61	46.10
S091A	10/09/1999	N	32.90	13.2	46.10
S091A	01/08/2000	N	32.18	13.92	46.10
S091A	04/08/2000	N	32.46	13.64	46.10
S091A	07/08/2000	N	32.43	13.67	46.10
S091A	10/07/2000	N	32.57	13.53	46.10
S092A	01/07/1991	N	25.19	17.08	42.27
S092A	04/08/1991	N	20.06	22.21	42.27
S092A	07/08/1991	N	21.69	20.58	42.27
S092A	10/07/1991	N	21.37	20.9	42.27
S092A	01/06/1992	N	25.41	16.86	42.27
S092A	04/06/1992	N	22.35	19.92	42.27
S092A	07/06/1992	N	22.09	20.18	42.27
S092A	07/07/1992	N	30.41	11.29	41.70
S092A	10/05/1992	N	28.32	13.95	42.27
S092A	01/04/1993	N	27.56	14.71	42.27
S092A	04/05/1993	N	29.33	12.94	42.27
S092A	07/06/1993	N	28.17	14.1	42.27
S092A	10/04/1993	N	28.25	14.02	42.27
S092A	01/03/1994	N	28.26	14.01	42.27
S092A	04/04/1994	N	28.37	13.9	42.27
S092A	07/05/1994	N	29.09	13.18	42.27

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S092A	10/31/1994	N	29.27	13	42.27
S092A	01/03/1995	N	29.75	12.52	42.27
S092A	04/03/1995	N	32.21	10.06	42.27
S092A	07/09/1995	N	29.74	12.53	42.27
S092A	10/09/1995	N	30.62	11.65	42.27
S092A	01/02/1996	N	30.34	11.36	41.70
S092A	04/01/1996	N	31.20	10.5	41.70
S092A	07/08/1996	N	30.41	11.29	41.70
S092A	10/07/1996	N	30.04	11.66	41.70
S092A	01/13/1997	N	26.01	15.69	41.70
S092A	04/07/1997	N	31.18	10.52	41.70
S092A	07/21/1997	N	27.43	14.27	41.70
S092A	10/13/1997	N	26.97	14.73	41.70
S092A	01/10/1998	N	28.57	13.13	41.70
S092A	04/12/1998	N	30.03	11.67	41.70
S092A	07/12/1998	N	26.87	14.83	41.70
S092A	10/04/1998	N	27.49	14.21	41.70
S092A	04/18/1999	N	26.88	14.82	41.70
S092A	07/17/1999	N	26.59	15.11	41.70
S092A	10/09/1999	N	30.78	10.92	41.70
S092A	01/08/2000	N	27.21	14.49	41.70
S092A	04/08/2000	N	18.61	23.09	41.70
S092A	07/08/2000	N	18.49	23.21	41.70
S092A	10/07/2000	N	25.94	15.76	41.70
S092A	01/06/2001	N	27.22	14.48	41.70
S092A	04/07/2001	N	27.67	14.03	41.70
S092A	07/07/2001	N	25.68	16.02	41.70
S092A	10/06/2001	N	29.76	11.95	41.71
S092A	10/12/2002	N	27.70	14.00	41.70
S092A	10/10/2003	N	26.95	14.75	41.70
S092A	10/05/2004	N	26.27	15.43	41.70
S092A	10/10/2005	N	34.53	7.17	41.70
S092A	10/12/2006	N	31.00	10.70	41.70
S092A	10/09/2007	N	35.00	6.70	41.70
S092A	10/14/2008	N	33.26	8.44	41.70
S092A	10/12/2009	N	30.39	11.31	41.70
S092A	10/11/2010	N	31.21	10.49	41.70
S092A	10/10/2011	N	28.20	13.5	41.70
S092A	10/09/2012	N	29.82	11.88	41.70
S092A	10/14/2013	N	28.58	13.12	41.70
S092A	10/13/2014	N	30.04	11.66	41.70
S092A	10/14/2015	N	30.07	11.63	41.70
S092A	10/13/2016	N	NA	NA	41.70
S092A	10/10/2017	N	29.70	12.00	41.70
S092A	10/09/2018	N	32.09	9.78	41.87
S100A	01/07/1991	Y	NA	NA	42.81

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S100A	04/08/1991	Y	NA	NA	42.81
S100A	07/08/1991	N	24.63	18.18	42.81
S100A	10/07/1991	N	24.03	18.78	42.81
S100A	01/06/1992	N	25.34	17.47	42.81
S100A	04/06/1992	N	25.21	17.6	42.81
S100A	07/06/1992	Y	NA	NA	42.20
S100A	07/07/1992	N	31.04	11.16	42.20
S100A	10/05/1992	N	28.29	14.52	42.81
S100A	01/04/1993	N	29.23	13.58	42.81
S100A	07/06/1993	N	28.19	14.62	42.81
S100A	10/04/1993	N	28.38	14.43	42.81
S100A	01/03/1994	N	28.40	14.41	42.81
S100A	04/04/1994	N	28.45	14.36	42.81
S100A	07/05/1994	N	29.27	13.54	42.81
S100A	10/31/1994	N	29.71	13.1	42.81
S100A	01/03/1995	N	30.02	12.79	42.81
S100A	04/03/1995	N	32.84	9.97	42.81
S100A	07/09/1995	N	31.27	11.54	42.81
S100A	10/09/1995	N	30.94	11.87	42.81
S100A	01/02/1996	N	31.15	11.05	42.20
S100A	04/01/1996	N	31.91	10.29	42.20
S100A	07/08/1996	N	31.04	11.16	42.20
S100A	10/07/1996	N	30.17	12.03	42.20
S100A	01/13/1997	N	31.12	11.08	42.20
S100A	04/07/1997	N	31.49	10.71	42.20
S100A	07/21/1997	N	22.80	19.4	42.20
S100A	10/13/1997	N	28.18	14.02	42.20
S100A	01/10/1998	N	29.40	12.8	42.20
S100A	04/12/1998	N	28.82	13.38	42.20
S100A	07/12/1998	N	22.38	19.82	42.20
S100A	10/04/1998	N	21.28	20.92	42.20
S100A	04/18/1999	N	22.54	19.66	42.20
S100A	07/17/1999	N	26.25	15.95	42.20
S100A	10/09/1999	N	26.27	15.93	42.20
S100A	01/08/2000	N	22.83	19.37	42.20
S100A	04/08/2000	N	26.36	15.84	42.20
S100A	07/08/2000	N	25.63	16.57	42.20
S100A	10/07/2000	N	23.20	19	42.20
S100A	01/06/2001	N	26.97	15.23	42.20
S100A	04/07/2001	N	28.18	14.02	42.20
S100A	07/07/2001	N	28.91	13.30	42.21
S100A	10/06/2001	N	29.48	12.73	42.21
S100A	10/12/2002	N	31.40	10.80	42.20
S100A	10/10/2003	N	32.02	10.18	42.20
S100A	10/05/2004	N	32.02	10.18	42.20
S100A	10/10/2005	N	34.60	7.60	42.20

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HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S100A	10/12/2006	N	34.13	8.07	42.20
S100A	10/09/2007	N	35.16	7.04	42.20
S100A	10/14/2008	N	34.19	8.01	42.20
S100A	10/12/2009	N	26.83	15.37	42.20
S100A	10/11/2010	N	29.02	13.18	42.20
S100A	10/10/2011	N	31.62	10.58	42.20
S100A	10/09/2012	N	33.17	9.03	42.20
S100A	10/14/2013	N	28.96	13.24	42.20
S100A	10/13/2014	N	32.88	9.32	42.20
S100A	10/14/2015	N	32.38	9.82	42.20
S100A	10/13/2016	N	32.10	10.10	42.20
S100A	10/10/2017	N	32.16	10.04	42.20
S100A	10/09/2018	N	34.15	8.17	42.32
S100B1	01/07/1991	N	10.83	31.48	42.31
S100B1	04/08/1991	N	11.31	31	42.31
S100B1	07/08/1991	N	10.33	31.98	42.31
S100B1	10/07/1991	N	7.21	35.1	42.31
S100B1	01/06/1992	N	6.63	35.68	42.31
S100B1	04/06/1992	N	10.57	31.74	42.31
S100B1	07/06/1992	N	12.37	29.94	42.31
S100B1	07/07/1992	N	8.42	33.31	41.73
S100B1	10/05/1992	N	16.96	25.35	42.31
S100B1	01/04/1993	N	-0.41	42.72	42.31
S100B1	04/05/1993	N	0.44	41.87	42.31
S100B1	07/06/1993	N	-4.25	46.56	42.31
S100B1	10/04/1993	N	-2.20	44.51	42.31
S100B1	01/03/1994	N	-1.90	44.21	42.31
S100B1	04/04/1994	N	-10.29	52.6	42.31
S100B1	07/05/1994	N	-2.04	44.35	42.31
S100B1	10/31/1994	N	-7.00	49.31	42.31
S100B1	01/03/1995	N	-7.89	50.2	42.31
S100B1	04/03/1995	N	-2.05	44.36	42.31
S100B1	07/09/1995	N	-2.16	44.47	42.31
S100B1	10/09/1995	N	1.82	40.49	42.31
S100B1	01/02/1996	N	-2.56	44.29	41.73
S100B1	04/01/1996	N	16.11	25.62	41.73
S100B1	07/08/1996	N	8.42	33.31	41.73
S100B1	10/07/1996	N	9.12	32.61	41.73
S100B1	01/13/1997	N	4.09	37.64	41.73
S100B1	04/07/1997	N	18.31	23.42	41.73
S100B1	07/21/1997	N	15.70	26.03	41.73
S100B1	10/13/1997	N	18.55	23.18	41.73
S100B1	01/10/1998	N	16.13	25.6	41.73
S100B1	04/12/1998	N	21.38	20.35	41.73
S100B1	07/12/1998	N	17.10	24.63	41.73
S100B1	10/04/1998	N	17.25	24.48	41.73

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S100B1	04/18/1999	N	10.17	31.56	41.73
S100B1	07/17/1999	N	14.07	27.66	41.73
S100B1	10/09/1999	N	21.61	20.12	41.73
S100B1	01/08/2000	N	12.27	29.46	41.73
S100B1	04/08/2000	N	13.54	28.19	41.73
S100B1	07/08/2000	N	10.49	31.24	41.73
S100B1	10/07/2000	N	10.08	31.65	41.73
S100B1	01/06/2001	N	11.24	30.49	41.73
S100B1	04/07/2001	N	20.78	20.95	41.73
S100B1	07/07/2001	N	8.85	32.89	41.74
S100B1	10/06/2001	N	13.46	28.29	41.75
S100B1	10/12/2002	N	23.95	17.78	41.73
S100B1	10/10/2003	N	24.65	17.08	41.73
S100B1	10/05/2004	N	25.69	16.04	41.73
S100B1	10/10/2005	N	35.32	6.41	41.73
S100B1	10/12/2006	N	25.74	15.99	41.73
S100B1	10/09/2007	N	36.78	4.95	41.73
S100B1	10/14/2008	N	23.55	18.18	41.73
S100B1	10/12/2009	N	26.22	15.51	41.73
S100B1	10/11/2010	N	29.45	12.28	41.73
S100B1	10/10/2011	N	26.43	15.3	41.73
S100B1	10/09/2012	N	31.02	10.71	41.73
S100B1	10/14/2013	N	30.71	11.02	41.73
S100B1	10/13/2014	N	30.88	10.85	41.73
S100B1	10/15/2015	N	29.75	11.98	41.73
S100B1	10/13/2016	N	31.25	10.48	41.73
S100B1	10/10/2017	N	NA	NA	41.73
S100B1	10/09/2018	N	NA	NA	41.45
S100B4	01/07/1991	N	29.99	12.22	42.21
S100B4	04/08/1991	N	31.68	10.53	42.21
S100B4	07/08/1991	N	30.40	11.81	42.21
S100B4	10/07/1991	N	30.08	12.13	42.21
S100B4	01/06/1992	N	30.99	11.22	42.21
S100B4	04/06/1992	N	33.62	8.59	42.21
S100B4	07/06/1992	N	32.55	9.66	42.21
S100B4	07/07/1992	N	40.56	1.08	41.64
S100B4	10/05/1992	N	33.26	8.95	42.21
S100B4	01/04/1993	N	31.98	10.23	42.21
S100B4	04/05/1993	N	34.88	7.33	42.21
S100B4	07/06/1993	N	34.78	7.43	42.21
S100B4	10/04/1993	N	33.31	8.9	42.21
S100B4	01/03/1994	N	34.85	7.36	42.21
S100B4	04/04/1994	N	35.87	6.34	42.21
S100B4	07/05/1994	N	35.87	6.34	42.21
S100B4	10/31/1994	N	35.29	6.92	42.21
S100B4	01/03/1995	N	36.66	5.55	42.21

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S100B4	04/03/1995	N	39.79	2.42	42.21
S100B4	07/09/1995	N	39.61	2.6	42.21
S100B4	10/09/1995	N	39.56	2.65	42.21
S100B4	01/02/1996	N	39.85	1.79	41.64
S100B4	04/01/1996	N	41.52	0.12	41.64
S100B4	07/08/1996	N	40.56	1.08	41.64
S100B4	10/07/1996	N	39.78	1.86	41.64
S100B4	07/17/1999	N	43.61	-1.97	41.64
S100B4	01/08/2000	N	38.47	3.17	41.64
S100B4	04/08/2000	N	41.40	0.24	41.64
S100B4	07/08/2000	N	41.35	0.29	41.64
S100B4	10/07/2000	N	40.67	0.97	41.64
S100B4	01/06/2001	N	40.98	0.66	41.64
S100B4	04/07/2001	Y	NA	NA	41.64
S100B4	07/07/2001	N	41.50	0.14	41.64
S100B4	10/06/2001	N	41.31	0.33	41.64
S100B4	10/12/2002	N	42.32	-0.68	41.64
S100B4	10/10/2003	N	43.11	-1.47	41.64
S100B4	10/05/2004	N	42.47	-0.83	41.64
S100B4	10/10/2005	N	NA	NA	41.64
S100B4	10/12/2006	N	NA	NA	41.64
S100B4	10/09/2007	N	43.53	-1.89	41.64
S100B4	10/14/2008	N	43.52	-1.88	41.64
S100B4	10/12/2009	N	42.39	-0.75	41.64
S100B4	10/11/2010	N	NA	NA	41.64
S100B4	10/10/2011	N	43.09	-1.45	41.64
S100B4	10/09/2012	N	44.30	-2.66	41.64
S100B4	10/14/2013	N	43.43	-1.79	41.64
S100B4	10/13/2014	N	42.14	-0.50	41.64
S100B4	10/15/2015	N	41.27	0.37	41.64
S100B4	10/13/2016	N	43.14	-1.5	41.64
S100B4	10/10/2017	N	41.84	-0.2	41.64
S100B4	10/09/2018	N	44.67	-2.90	41.77
S101A	01/07/1991	N	24.04	18.43	42.47
S101A	04/08/1991	N	23.95	18.52	42.47
S101A	07/08/1991	N	22.69	19.78	42.47
S101A	10/07/1991	N	23.62	18.85	42.47
S101A	01/06/1992	N	23.49	18.98	42.47
S101A	04/06/1992	N	23.04	19.43	42.47
S101A	07/06/1992	N	23.02	19.45	42.47
S101A	07/07/1992	N	27.10	14.76	41.86
S101A	10/05/1992	N	22.64	19.83	42.47
S101A	01/04/1993	N	23.17	19.3	42.47
S101A	04/05/1993	N	21.76	20.71	42.47
S101A	07/06/1993	N	23.17	19.3	42.47
S101A	10/04/1993	N	23.06	19.41	42.47

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HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S101A	01/03/1994	N	22.78	19.69	42.47
S101A	04/04/1994	N	22.78	19.69	42.47
S101A	07/05/1994	N	29.36	13.11	42.47
S101A	10/31/1994	N	28.24	14.23	42.47
S101A	01/03/1995	N	28.95	13.52	42.47
S101A	04/03/1995	N	32.79	9.68	42.47
S101A	07/09/1995	N	29.30	13.17	42.47
S101A	10/09/1995	N	28.41	14.06	42.47
S101A	01/02/1996	N	27.74	14.12	41.86
S101A	04/01/1996	N	31.01	10.85	41.86
S101A	07/08/1996	N	27.10	14.76	41.86
S101A	10/07/1996	N	29.42	12.44	41.86
S101A	01/13/1997	N	31.29	10.57	41.86
S101A	04/07/1997	N	30.84	11.02	41.86
S101A	07/21/1997	N	20.43	21.43	41.86
S101A	10/13/1997	N	22.03	19.83	41.86
S101A	01/10/1998	N	31.61	10.25	41.86
S101A	04/12/1998	N	29.51	12.35	41.86
S101A	07/12/1998	N	21.17	20.69	41.86
S101A	10/04/1998	N	20.41	21.45	41.86
S101A	04/18/1999	N	20.85	21.01	41.86
S101A	07/17/1999	N	20.52	21.34	41.86
S101A	10/09/1999	N	20.38	21.48	41.86
S101A	01/08/2000	N	21.28	20.58	41.86
S101A	04/08/2000	N	29.03	12.83	41.86
S101A	07/08/2000	N	26.45	15.41	41.86
S101A	10/07/2000	N	20.49	21.37	41.86
S101A	01/06/2001	N	27.69	14.17	41.86
S101A	04/07/2001	N	31.60	10.26	41.86
S101A	07/07/2001	N	29.66	12.19	41.85
S101A	10/06/2001	N	28.54	13.33	41.87
S101A	10/12/2002	N	23.01	18.85	41.86
S101A	10/10/2003	N	30.75	11.11	41.86
S101A	10/05/2004	N	30.60	11.26	41.86
S101A	10/10/2005	N	33.98	7.88	41.86
S101A	10/12/2006	N	32.39	9.47	41.86
S101A	10/09/2007	N	35.02	6.84	41.86
S101A	10/14/2008	N	33.56	8.30	41.86
S101A	10/12/2009	N	29.76	12.10	41.86
S101A	10/12/2010	N	29.49	12.37	41.86
S101A	10/10/2011	N	30.31	11.55	41.86
S101A	10/09/2012	N	30.66	11.20	41.86
S101A	10/14/2013	N	NA	NA	41.86
S101A	10/13/2014	N	30.66	11.20	41.86
S101A	10/14/2015	N	27.38	14.48	41.86
S101A	10/13/2016	N	30.67	11.19	41.86

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S101A	10/10/2017	N	25.55	16.31	41.86
S101A	10/09/2018	N	24.79	17.20	41.99
S101B1	01/07/1991	N	5.50	37.23	42.73
S101B1	04/08/1991	N	6.28	36.45	42.73
S101B1	07/08/1991	N	6.82	35.91	42.73
S101B1	10/07/1991	N	-4.27	47	42.73
S101B1	01/06/1992	N	1.17	41.56	42.73
S101B1	04/06/1992	N	-6.77	49.5	42.73
S101B1	07/06/1992	N	1.83	40.9	42.73
S101B1	07/07/1992	N	6.18	35.58	41.76
S101B1	10/05/1992	N	23.21	19.52	42.73
S101B1	01/04/1993	N	14.78	27.95	42.73
S101B1	04/05/1993	N	16.03	26.7	42.73
S101B1	07/06/1993	N	13.89	28.84	42.73
S101B1	10/04/1993	N	13.58	29.15	42.73
S101B1	01/03/1994	N	13.91	28.82	42.73
S101B1	04/04/1994	N	15.39	27.34	42.73
S101B1	07/05/1994	N	16.24	26.49	42.73
S101B1	10/31/1994	N	14.67	28.06	42.73
S101B1	01/03/1995	N	13.28	29.45	42.73
S101B1	04/03/1995	N	17.36	25.37	42.73
S101B1	07/09/1995	N	17.44	25.29	42.73
S101B1	10/09/1995	N	17.94	24.79	42.73
S101B1	01/02/1996	N	17.39	24.37	41.76
S101B1	04/01/1996	N	18.18	23.58	41.76
S101B1	07/08/1996	N	6.18	35.58	41.76
S101B1	10/07/1996	N	6.13	35.63	41.76
S101B1	01/13/1997	N	21.23	20.53	41.76
S101B1	04/07/1997	N	15.67	26.09	41.76
S101B1	07/21/1997	N	13.16	28.6	41.76
S101B1	10/13/1997	N	13.54	28.22	41.76
S101B1	01/10/1998	N	7.26	34.5	41.76
S101B1	04/12/1998	N	17.41	24.35	41.76
S101B1	07/12/1998	N	11.53	30.23	41.76
S101B1	10/04/1998	N	10.56	31.2	41.76
S101B1	04/18/1999	N	7.13	34.63	41.76
S101B1	07/17/1999	N	8.05	33.71	41.76
S101B1	10/09/1999	N	11.11	30.65	41.76
S101B1	01/08/2000	N	1.43	40.33	41.76
S101B1	04/08/2000	N	8.05	33.71	41.76
S101B1	07/08/2000	N	4.98	36.78	41.76
S101B1	10/07/2000	N	-2.07	43.83	41.76
S101B1	01/06/2001	N	14.14	27.62	41.76
S101B1	04/07/2001	N	1.29	40.47	41.76
S101B1	07/07/2001	N	6.36	35.43	41.79
S101B1	10/06/2001	N	15.85	25.93	41.78

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S101B1	10/12/2002	N	20.10	21.66	41.76
S101B1	10/10/2003	N	18.02	23.74	41.76
S101B1	10/05/2004	N	18.44	23.32	41.76
S101B1	10/10/2005	N	34.79	6.97	41.76
S101B1	10/12/2006	N	7.51	34.25	41.76
S101B1	10/09/2007	N	36.34	5.42	41.76
S101B1	10/14/2008	N	4.40	37.36	41.76
S101B1	10/12/2009	N	5.70	36.06	41.76
S101B1	10/12/2010	N	24.45	17.31	41.76
S101B1	10/10/2011	N	26.57	15.19	41.76
S101B1	10/09/2012	N	26.15	15.61	41.76
S101B1	10/14/2013	N	NA	NA	41.76
S101B1	10/13/2014	N	28.18	13.58	41.76
S101B1	10/14/2015	N	26.62	15.14	41.76
S101B1	10/13/2016	N	28.64	13.12	41.76
S101B1	10/10/2017	N	29.79	11.97	41.76
S101B1	10/09/2018	N	30.51	11.38	41.89
S101B3	01/07/1991	N	21.73	20.92	42.65
S101B3	04/08/1991	N	23.82	18.83	42.65
S101B3	07/08/1991	N	22.02	20.63	42.65
S101B3	10/07/1991	N	21.96	20.69	42.65
S101B3	01/06/1992	N	22.30	20.35	42.65
S101B3	04/06/1992	N	25.08	17.57	42.65
S101B3	07/06/1992	N	25.02	17.63	42.65
S101B3	07/07/1992	N	26.51	15.47	41.98
S101B3	10/05/1992	N	27.25	15.4	42.65
S101B3	01/04/1993	N	22.45	20.2	42.65
S101B3	04/05/1993	N	24.84	17.81	42.65
S101B3	07/06/1993	N	24.18	18.47	42.65
S101B3	10/04/1993	N	22.40	20.25	42.65
S101B3	01/03/1994	N	23.29	19.36	42.65
S101B3	04/04/1994	N	24.13	18.52	42.65
S101B3	07/05/1994	N	24.42	18.23	42.65
S101B3	10/31/1994	N	24.03	18.62	42.65
S101B3	01/03/1995	N	25.50	17.15	42.65
S101B3	04/03/1995	N	27.12	15.53	42.65
S101B3	07/09/1995	N	26.46	16.19	42.65
S101B3	10/09/1995	N	27.98	14.67	42.65
S101B3	01/02/1996	N	26.67	15.31	41.98
S101B3	04/01/1996	N	29.39	12.59	41.98
S101B3	07/08/1996	N	26.51	15.47	41.98
S101B3	10/07/1996	N	25.92	16.06	41.98
S101B3	01/13/1997	N	30.17	11.81	41.98
S101B3	04/07/1997	N	30.40	11.58	41.98
S101B3	07/21/1997	N	29.93	12.05	41.98
S101B3	10/13/1997	N	30.48	11.5	41.98

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S101B3	01/10/1998	N	30.18	11.8	41.98
S101B3	04/12/1998	N	33.59	8.39	41.98
S101B3	07/12/1998	N	31.43	10.55	41.98
S101B3	10/04/1998	N	31.43	10.55	41.98
S101B3	01/10/1999	N	30.48	11.5	41.98
S101B3	04/18/1999	N	29.64	12.34	41.98
S101B3	07/17/1999	N	26.76	15.22	41.98
S101B3	10/09/1999	N	31.39	10.59	41.98
S101B3	01/08/2000	N	26.65	15.33	41.98
S101B3	04/08/2000	N	27.82	14.16	41.98
S101B3	07/08/2000	N	28.50	13.48	41.98
S101B3	10/07/2000	N	27.11	14.87	41.98
S101B3	01/06/2001	N	27.71	14.27	41.98
S101B3	04/07/2001	N	31.01	10.97	41.98
S101B3	07/07/2001	N	28.10	13.88	41.98
S101B3	10/06/2001	N	28.80	13.18	41.98
S101B3	10/12/2002	N	32.33	9.65	41.98
S101B3	10/10/2003	N	34.49	7.49	41.98
S101B3	10/05/2004	N	34.74	7.24	41.98
S101B3	10/10/2005	N	39.20	2.78	41.98
S101B3	10/12/2006	N	36.94	5.04	41.98
S101B3	10/09/2007	N	40.12	1.86	41.98
S101B3	10/14/2008	N	33.85	8.13	41.98
S101B3	10/12/2009	N	34.48	7.50	41.98
S101B3	10/12/2010	N	35.96	6.02	41.98
S101B3	10/10/2011	N	37.98	4	41.98
S101B3	10/09/2012	N	37.36	4.62	41.98
S101B3	10/14/2013	N	NA	NA	41.98
S101B3	10/13/2014	N	36.27	5.71	41.98
S101B3	10/14/2015	N	35.22	6.76	41.98
S101B3	10/13/2016	N	36.76	5.22	41.98
S101B3	10/10/2017	N	37.26	4.72	41.98
S101B3	10/09/2018	N	39.46	2.66	42.12
S101B4	01/03/1991	N	34.75	7.86	42.61
S101B4	01/07/1991	N	29.88	12.73	42.61
S101B4	04/08/1991	N	31.28	11.33	42.61
S101B4	07/08/1991	N	30.39	12.22	42.61
S101B4	10/07/1991	N	30.01	12.6	42.61
S101B4	01/06/1992	N	30.85	11.76	42.61
S101B4	04/06/1992	N	33.50	9.11	42.61
S101B4	07/06/1992	N	32.52	10.09	42.61
S101B4	07/07/1992	N	40.48	1.6	42.08
S101B4	10/05/1992	N	33.21	9.4	42.61
S101B4	01/04/1993	N	31.88	10.73	42.61
S101B4	04/05/1993	N	34.87	7.74	42.61
S101B4	07/06/1993	N	34.68	7.93	42.61

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HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S101B4	10/04/1993	N	33.21	9.4	42.61
S101B4	01/03/1994	N	34.75	7.86	42.61
S101B4	04/04/1994	N	35.69	6.92	42.61
S101B4	07/05/1994	N	35.79	6.82	42.61
S101B4	10/31/1994	N	35.18	7.43	42.61
S101B4	01/03/1995	N	36.56	6.05	42.61
S101B4	04/03/1995	N	39.68	2.93	42.61
S101B4	07/09/1995	N	39.50	3.11	42.61
S101B4	10/09/1995	N	39.54	3.07	42.61
S101B4	01/02/1996	N	39.78	2.3	42.08
S101B4	04/01/1996	N	41.42	0.66	42.08
S101B4	07/08/1996	N	40.48	1.6	42.08
S101B4	10/07/1996	N	39.71	2.37	42.08
S101B4	07/17/1999	N	43.57	-1.49	42.08
S101B4	10/09/1999	N	44.54	-2.46	42.08
S101B4	01/08/2000	N	38.17	3.91	42.08
S101B4	04/08/2000	N	41.17	0.91	42.08
S101B4	07/08/2000	N	41.12	0.96	42.08
S101B4	10/07/2000	N	40.28	1.8	42.08
S101B4	01/06/2001	N	40.91	1.17	42.08
S101B4	04/07/2001	N	42.57	-0.49	42.08
S101B4	07/07/2001	N	41.29	0.79	42.08
S101B4	10/06/2001	N	41.12	0.96	42.08
S101B4	10/12/2002	N	41.99	0.09	42.08
S101B4	10/10/2003	N	41.08	+1.00	42.08
S101B4	10/05/2004	N	42.70	-0.62	42.08
S101B4	10/10/2005	N	44.29	-2.21	42.08
S101B4	10/12/2006	N	44.81	-2.73	42.08
S101B4	10/09/2007	N	45.08	-3	42.08
S101B4	10/14/2008	N	43.84	-1.76	42.08
S101B4	10/12/2009	N	42.79	-0.71	42.08
S101B4	10/12/2010	N	NA	NA	42.08
S101B4	10/10/2011	N	43.27	-1.19	42.08
S101B4	10/09/2012	N	44.35	-2.27	42.08
S101B4	10/14/2013	N	43.50	-1.42	42.08
S101B4	10/13/2014	N	41.98	0.10	42.08
S101B4	10/14/2015	N	41.14	0.94	42.08
S101B4	10/13/2016	N	42.88	-0.8	42.08
S101B4	10/10/2017	N	41.64	0.44	42.08
S101B4	10/09/2018	N	45.77	-3.50	42.27
S111B1	01/07/1991	N	21.33	22.42	43.75
S111B1	04/08/1991	N	21.58	22.17	43.75
S111B1	07/08/1991	N	21.28	22.47	43.75
S111B1	10/07/1991	N	20.02	23.73	43.75
S111B1	01/06/1992	N	20.72	23.03	43.75
S111B1	04/06/1992	N	23.19	20.56	43.75

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HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S111B1	07/06/1992	N	23.26	20.49	43.75
S111B1	07/07/1992	N	23.08	20.14	43.22
S111B1	10/05/1992	N	25.75	18	43.75
S111B1	01/08/1993	N	22.50	21.25	43.75
S111B1	04/05/1993	N	22.80	20.95	43.75
S111B1	07/06/1993	N	22.48	21.27	43.75
S111B1	10/04/1993	N	21.03	22.72	43.75
S111B1	01/17/1994	N	21.79	21.96	43.75
S111B1	04/04/1994	N	22.22	21.53	43.75
S111B1	07/05/1994	N	22.69	21.06	43.75
S111B1	10/31/1994	N	22.16	21.59	43.75
S111B1	01/03/1995	N	23.82	19.93	43.75
S111B1	04/03/1995	N	25.76	17.99	43.75
S111B1	07/09/1995	N	24.41	19.34	43.75
S111B1	10/09/1995	N	25.12	18.63	43.75
S111B1	01/02/1996	N	24.07	19.15	43.22
S111B1	04/01/1996	N	26.04	17.18	43.22
S111B1	07/08/1996	N	23.08	20.14	43.22
S111B1	10/07/1996	N	23.44	19.78	43.22
S111B1	01/13/1997	N	27.07	16.15	43.22
S111B1	04/07/1997	N	26.60	16.62	43.22
S111B1	07/21/1997	N	26.17	17.05	43.22
S111B1	10/13/1997	N	26.53	16.69	43.22
S111B1	01/10/1998	N	25.41	17.81	43.22
S111B1	04/12/1998	N	28.19	15.03	43.22
S111B1	07/12/1998	N	25.98	17.24	43.22
S111B1	10/04/1998	N	26.30	16.92	43.22
S111B1	01/10/1999	N	25.58	17.64	43.22
S111B1	04/18/1999	N	24.82	18.4	43.22
S111B1	07/17/1999	N	25.59	17.63	43.22
S111B1	10/09/1999	N	27.20	16.02	43.22
S111B1	01/08/2000	N	24.24	19.05	43.29
S111B1	04/08/2000	N	23.32	19.97	43.29
S111B1	07/08/2000	N	26.29	17	43.29
S111B1	10/07/2000	N	24.22	19.07	43.29
S111B1	01/06/2001	N	24.76	18.53	43.29
S111B1	04/07/2001	N	27.50	15.79	43.29
S111B1	07/07/2001	N	25.21	18.08	43.29
S111B1	10/06/2001	N	26.34	16.95	43.29
S111B1	10/12/2002	N	28.79	14.50	43.29
S111B1	10/10/2003	U	2.70	12.72	15.42
S111B1	10/05/2004	N	30.88	12.41	43.29
S111B1	10/10/2005	N	36.67	6.62	43.29
S111B1	10/12/2006	N	28.46	12.15	40.61
S111B1	10/09/2007	N	35.16	5.45	40.61
S111B1	10/14/2008	N	34.49	6.12	40.61

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HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S111B1	10/12/2009	N	27.77	12.84	40.61
S111B1	10/11/2010	N	30.69	9.92	40.61
S111B1	10/10/2011	N	31.91	8.7	40.61
S111B1	10/09/2012	N	31.41	9.20	40.61
S111B1	10/14/2013	N	31.29	9.32	40.61
S111B1	10/13/2014	N	31.51	9.10	40.61
S111B1	10/14/2015	N	30.59	10.02	40.61
S111B1	10/11/2016	N	31.65	8.96	40.61
S111B1	10/10/2017	N	32.93	7.68	40.61
S111B1	10/09/2018	N	36.54	6.90	43.44
S133B1	01/07/1991	N	29.42	16.53	45.95
S133B1	04/08/1991	N	31.42	14.53	45.95
S133B1	07/08/1991	N	30.35	15.6	45.95
S133B1	10/07/1991	N	29.49	16.46	45.95
S133B1	01/06/1992	N	30.07	15.88	45.95
S133B1	04/06/1992	N	32.04	13.91	45.95
S133B1	07/06/1992	N	32.16	13.79	45.95
S133B1	07/07/1992	N	35.53	10.03	45.56
S133B1	10/05/1992	N	28.85	17.1	45.95
S133B1	01/04/1993	N	31.08	14.87	45.95
S133B1	04/05/1993	N	32.95	13	45.95
S133B1	07/06/1993	N	31.38	14.57	45.95
S133B1	10/04/1993	N	31.65	14.3	45.95
S133B1	01/03/1994	N	32.27	13.68	45.95
S133B1	04/04/1994	N	32.78	13.17	45.95
S133B1	07/05/1994	N	33.05	12.9	45.95
S133B1	10/31/1994	N	33.95	12	45.95
S133B1	01/03/1995	N	34.06	11.89	45.95
S133B1	04/03/1995	N	35.81	10.14	45.95
S133B1	07/09/1995	N	35.31	10.64	45.95
S133B1	10/09/1995	N	35.83	10.12	45.95
S133B1	01/02/1996	N	35.42	10.14	45.56
S133B1	04/01/1996	N	37.16	8.4	45.56
S133B1	07/08/1996	N	35.53	10.03	45.56
S133B1	10/07/1996	N	35.44	10.12	45.56
S133B1	01/13/1997	N	36.53	9.03	45.56
S133B1	07/21/1997	N	37.46	8.1	45.56
S133B1	10/13/1997	N	36.82	8.74	45.56
S133B1	01/10/1998	N	37.03	8.53	45.56
S133B1	04/12/1998	N	37.87	7.69	45.56
S133B1	07/12/1998	N	37.24	8.32	45.56
S133B1	10/04/1998	N	37.66	7.9	45.56
S133B1	01/10/1999	N	37.40	8.16	45.56
S133B1	04/18/1999	N	37.01	8.55	45.56
S133B1	07/17/1999	N	36.59	8.97	45.56
S133B1	10/09/1999	N	39.16	6.4	45.56

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S133B1	01/08/2000	N	35.68	9.88	45.56
S133B1	04/08/2000	N	35.51	10.05	45.56
S133B1	07/08/2000	N	36.17	9.39	45.56
S133B1	10/07/2000	N	35.42	10.14	45.56
S133B1	01/06/2001	N	35.74	9.82	45.56
S133B1	04/07/2001	N	36.34	9.22	45.56
S133B1	07/07/2001	N	36.12	9.44	45.56
S133B1	10/06/2001	N	36.13	9.43	45.56
S133B1	10/12/2002	N	38.46	7.10	45.56
S133B1	10/10/2003	N	39.12	6.44	45.56
S133B1	10/05/2004	N	39.08	6.48	45.56
S133B1	10/10/2005	N	42.03	11.56	53.59
S133B1	10/12/2006	N	37.82	8.13	45.95
S133B1	10/09/2007	N	40.07	5.88	45.95
S133B1	10/14/2008	N	37.72	8.23	45.95
S133B1	10/12/2009	N	35.02	10.93	45.95
S133B1	10/11/2010	N	36.34	9.61	45.95
S133B1	10/10/2011	N	37.72	8.23	45.95
S133B1	10/09/2012	N	37.31	8.64	45.95
S133B1	10/14/2013	N	36.75	9.2	45.95
S133B1	10/13/2014	N	36.20	9.75	45.95
S133B1	10/14/2015	N	35.39	10.56	45.95
S133B1	10/11/2016	N	36.30	9.65	45.95
S133B1	10/10/2017	N	37.76	8.19	45.95
S133B1	10/09/2018	N	41.28	7.51	48.79
S134A	01/07/1991	N	30.39	18.28	48.67
S134A	04/08/1991	N	31.10	17.57	48.67
S134A	07/08/1991	N	30.51	18.16	48.67
S134A	10/07/1991	N	30.37	18.3	48.67
S134A	01/06/1992	N	29.67	19	48.67
S134A	04/07/1992	N	32.17	16.5	48.67
S134A	07/06/1992	N	31.73	16.94	48.67
S134A	07/07/1992	N	35.26	12.94	48.20
S134A	10/05/1992	N	32.18	16.49	48.67
S134A	01/04/1993	N	31.87	16.8	48.67
S134A	04/05/1993	N	34.70	13.97	48.67
S134A	07/06/1993	N	33.37	15.3	48.67
S134A	10/04/1993	N	32.58	16.09	48.67
S134A	01/03/1994	N	32.64	16.03	48.67
S134A	04/04/1994	N	32.98	15.69	48.67
S134A	07/05/1994	N	33.22	15.45	48.67
S134A	10/31/1994	N	33.28	15.39	48.67
S134A	01/03/1995	N	33.59	15.08	48.67
S134A	04/03/1995	N	35.82	12.85	48.67
S134A	07/09/1995	N	35.31	13.36	48.67
S134A	10/09/1995	N	35.27	13.4	48.67

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S134A	01/02/1996	N	35.23	12.97	48.20
S134A	04/01/1996	N	35.36	12.84	48.20
S134A	07/08/1996	N	35.26	12.94	48.20
S134A	10/07/1996	N	35.19	13.01	48.20
S134A	01/13/1997	N	35.53	12.67	48.20
S134A	04/07/1997	N	35.48	12.72	48.20
S134A	07/21/1997	N	35.40	12.8	48.20
S134A	10/13/1997	N	35.39	12.81	48.20
S134A	01/10/1998	N	36.59	11.61	48.20
S134A	04/12/1998	N	36.09	12.11	48.20
S134A	07/12/1998	N	35.85	12.35	48.20
S134A	10/04/1998	N	35.69	12.51	48.20
S134A	01/10/1999	N	35.55	12.65	48.20
S134A	04/18/1999	N	35.73	12.47	48.20
S134A	07/17/1999	N	35.62	12.58	48.20
S134A	10/09/1999	N	35.97	12.23	48.20
S134A	01/08/2000	N	35.53	12.67	48.20
S134A	04/08/2000	N	35.61	12.59	48.20
S134A	07/08/2000	N	35.65	12.55	48.20
S134A	10/07/2000	N	36.70	11.5	48.20
S134A	01/06/2001	N	36.75	11.45	48.20
S134A	04/07/2001	N	37.34	10.86	48.20
S134A	07/07/2001	N	37.17	11.03	48.20
S134A	10/06/2001	N	36.97	11.23	48.20
S134A	10/12/2002	N	37.31	10.89	48.20
S134A	10/10/2003	N	37.58	10.62	48.20
S134A	10/05/2004	N	37.40	10.80	48.20
S134A	10/10/2005	N	38.26	9.94	48.20
S134A	10/12/2006	N	35.86	7.82	43.68
S134A	10/09/2007	N	35.88	7.80	43.68
S134A	10/14/2008	N	34.37	9.31	43.68
S134A	10/12/2009	N	35.00	8.68	43.68
S134A	10/11/2010	N	35.21	8.47	43.68
S134A	10/10/2011	N	35.66	8.02	43.68
S134A	10/09/2012	N	35.45	8.23	43.68
S134A	10/14/2013	N	35.18	8.5	43.68
S134A	10/13/2014	N	34.64	9.04	43.68
S134A	10/14/2015	N	33.79	9.89	43.68
S134A	10/11/2016	N	33.92	9.76	43.68
S134A	11/17/2016	N	34.40	9.28	43.68
S134A	01/04/2017	N	33.71	9.97	43.68
S134A	01/17/2017	N	35.52	8.16	43.68
S134A	04/05/2017	N	36.02	7.66	43.68
S134A	05/17/2017	N	35.69	7.99	43.68
S134A	06/27/2017	N	35.39	8.29	43.68
S134A	07/13/2017	N	35.29	8.39	43.68

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S134A	08/16/2017	N	35.24	8.44	43.68
S134A	10/10/2017	N	35.02	8.66	43.68
S134A	11/15/2017	N	35.21	8.47	43.68
S134A	10/09/2018	N	38.19	8.32	46.51
S134B1	01/07/1991	N	27.47	21.14	48.61
S134B1	04/08/1991	N	28.91	19.7	48.61
S134B1	07/08/1991	N	27.89	20.72	48.61
S134B1	10/07/1991	N	27.05	21.56	48.61
S134B1	01/06/1992	N	27.60	21.01	48.61
S134B1	04/07/1992	N	30.26	18.35	48.61
S134B1	07/06/1992	N	30.00	18.61	48.61
S134B1	07/07/1992	N	31.72	16.42	48.14
S134B1	10/05/1992	N	31.07	17.54	48.61
S134B1	01/04/1993	N	28.02	20.59	48.61
S134B1	04/05/1993	N	29.98	18.63	48.61
S134B1	07/06/1993	N	29.33	19.28	48.61
S134B1	10/04/1993	N	28.18	20.43	48.61
S134B1	01/03/1994	N	28.70	19.91	48.61
S134B1	04/04/1994	N	29.31	19.3	48.61
S134B1	07/05/1994	N	29.57	19.04	48.61
S134B1	10/31/1994	N	29.26	19.35	48.61
S134B1	01/03/1995	N	30.46	18.15	48.61
S134B1	04/03/1995	N	32.05	16.56	48.61
S134B1	07/09/1995	N	31.29	17.32	48.61
S134B1	10/09/1995	N	32.35	16.26	48.61
S134B1	01/02/1996	N	31.33	16.81	48.14
S134B1	04/01/1996	N	33.71	14.43	48.14
S134B1	07/08/1996	N	31.72	16.42	48.14
S134B1	10/07/1996	N	31.71	16.43	48.14
S134B1	01/13/1997	N	33.81	14.33	48.14
S134B1	04/07/1997	N	34.39	13.75	48.14
S134B1	10/13/1997	N	33.55	14.59	48.14
S134B1	01/10/1998	N	33.14	15	48.14
S134B1	04/12/1998	N	35.02	13.12	48.14
S134B1	07/12/1998	N	34.07	14.07	48.14
S134B1	10/04/1998	N	33.99	14.15	48.14
S134B1	01/10/1999	N	33.31	14.83	48.14
S134B1	04/18/1999	N	32.48	15.66	48.14
S134B1	07/17/1999	N	32.73	15.41	48.14
S134B1	10/09/1999	N	35.04	13.1	48.14
S134B1	01/08/2000	N	31.52	16.62	48.14
S134B1	04/08/2000	N	32.05	16.09	48.14
S134B1	07/08/2000	N	32.55	15.59	48.14
S134B1	10/07/2000	N	31.61	16.53	48.14
S134B1	01/06/2001	N	31.86	16.18	48.04
S134B1	04/07/2001	N	34.46	13.58	48.04

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SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S134B1	07/07/2001	N	32.11	15.93	48.04
S134B1	10/06/2001	N	32.80	15.24	48.04
S134B1	10/12/2002	N	35.45	12.59	48.04
S134B1	10/10/2003	N	36.49	11.55	48.04
S134B1	10/05/2004	N	36.59	11.45	48.04
S134B1	10/10/2005	N	39.88	8.16	48.04
S134B1	10/12/2006	N	35.17	8.27	43.44
S134B1	10/09/2007	N	38.59	4.85	43.44
S134B1	10/14/2008	N	35.23	8.21	43.44
S134B1	10/12/2009	N	33.92	9.52	43.44
S134B1	10/11/2010	N	35.30	8.14	43.44
S134B1	10/10/2011	N	36.48	6.96	43.44
S134B1	10/09/2012	N	36.13	7.31	43.44
S134B1	10/14/2013	N	35.72	7.72	43.44
S134B1	10/13/2014	N	35.41	8.03	43.44
S134B1	10/14/2015	N	34.50	8.94	43.44
S134B1	10/11/2016	N	35.39	8.05	43.44
S134B1	10/10/2017	N	36.83	6.61	43.44
S134B1	10/09/2018	N	40.32	5.95	46.27
S135A	01/07/1991	N	22.29	21.47	43.76
S135A	04/08/1991	N	23.97	19.79	43.76
S135A	07/08/1991	N	21.79	21.97	43.76
S135A	10/10/1991	N	22.79	20.97	43.76
S135A	01/06/1992	N	23.05	20.71	43.76
S135A	04/06/1992	N	24.79	18.97	43.76
S135A	07/06/1992	N	24.43	19.33	43.76
S135A	07/07/1992	N	27.90	15.3	43.20
S135A	10/05/1992	N	25.56	18.2	43.76
S135A	01/04/1993	N	24.84	18.92	43.76
S135A	04/05/1993	N	26.39	17.37	43.76
S135A	07/06/1993	N	24.94	18.82	43.76
S135A	10/04/1993	N	24.33	19.43	43.76
S135A	01/03/1994	N	26.37	17.39	43.76
S135A	04/04/1994	N	25.68	18.08	43.76
S135A	07/05/1994	N	25.93	17.83	43.76
S135A	10/31/1994	N	26.43	17.33	43.76
S135A	01/03/1995	N	27.43	16.33	43.76
S135A	04/03/1995	N	31.67	12.09	43.76
S135A	07/09/1995	N	28.79	14.97	43.76
S135A	10/09/1995	N	27.56	16.2	43.76
S135A	01/02/1996	N	27.93	15.27	43.20
S135A	04/01/1996	N	29.44	13.76	43.20
S135A	07/08/1996	N	27.90	15.3	43.20
S135A	10/07/1996	N	27.93	15.27	43.20
S135A	01/13/1997	N	30.75	12.45	43.20
S135A	04/07/1997	N	30.07	13.13	43.20

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HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S135A	07/21/1997	N	28.15	15.05	43.20
S135A	10/13/1997	N	27.68	15.52	43.20
S135A	01/10/1998	N	30.03	13.17	43.20
S135A	04/12/1998	N	30.95	12.25	43.20
S135A	07/12/1998	N	28.72	14.48	43.20
S135A	10/04/1998	N	28.41	14.79	43.20
S135A	01/10/1999	N	30.99	12.21	43.20
S135A	04/18/1999	N	29.16	14.04	43.20
S135A	07/17/1999	N	28.35	14.85	43.20
S135A	10/09/1999	N	30.22	12.98	43.20
S135A	01/08/2000	N	30.25	12.95	43.20
S135A	04/08/2000	N	30.72	12.48	43.20
S135A	07/08/2000	N	29.57	13.63	43.20
S135A	10/07/2000	N	28.44	14.76	43.20
S135A	01/06/2001	N	29.94	13.26	43.20
S135A	04/07/2001	N	30.42	12.78	43.20
S135A	07/07/2001	N	29.88	13.34	43.22
S135A	10/06/2001	N	29.36	13.84	43.20
S135A	10/12/2002	N	31.02	12.18	43.20
S135A	10/10/2003	N	31.52	11.68	43.20
S135A	10/05/2004	N	31.03	12.17	43.20
S135A	10/10/2005	N	33.29	9.91	43.20
S135A	10/12/2006	N	33.08	10.12	43.20
S135A	10/09/2007	N	38.51	4.69	43.20
S135A	10/14/2008	N	33.22	9.98	43.20
S135A	10/12/2009	N	30.76	12.44	43.20
S135A	10/12/2010	N	31.58	11.62	43.20
S135A	10/10/2011	N	32.38	10.82	43.20
S135A	10/09/2012	N	32.27	10.93	43.20
S135A	10/14/2013	N	31.14	12.06	43.20
S135A	10/13/2014	N	31.66	11.54	43.20
S135A	10/14/2015	N	31.45	11.75	43.20
S135A	10/11/2016	N	31.70	11.50	43.20
S135A	10/10/2017	N	32.31	10.89	43.20
S135A	10/09/2018	N	33.14	10.33	43.47
S136A	07/06/1992	N	29.87	15.46	45.33
S136A	07/07/1992	N	33.08	12.21	45.29
S136A	10/05/1992	N	30.16	15.17	45.33
S136A	01/04/1993	N	30.61	14.72	45.33
S136A	04/05/1993	N	31.32	14.01	45.33
S136A	07/06/1993	N	30.54	14.79	45.33
S136A	10/04/1993	N	30.32	15.01	45.33
S136A	01/03/1994	N	30.45	14.88	45.33
S136A	04/04/1994	N	30.47	14.86	45.33
S136A	07/05/1994	N	30.87	14.46	45.33
S136A	10/31/1994	N	30.88	14.45	45.33

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HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S136A	01/03/1995	N	31.83	13.5	45.33
S136A	04/03/1995	N	33.39	11.94	45.33
S136A	07/09/1995	N	32.37	12.96	45.33
S136A	10/09/1995	N	32.08	13.25	45.33
S136A	01/02/1996	N	33.48	11.81	45.29
S136A	04/01/1996	N	33.66	11.63	45.29
S136A	07/08/1996	N	33.08	12.21	45.29
S136A	10/07/1996	N	33.37	11.92	45.29
S136A	01/13/1997	N	34.12	11.17	45.29
S136A	04/07/1997	N	33.63	11.66	45.29
S136A	07/21/1997	N	33.27	12.02	45.29
S136A	01/10/1998	N	34.25	11.04	45.29
S136A	04/12/1998	N	34.57	10.72	45.29
S136A	07/12/1998	N	33.32	11.97	45.29
S136A	10/04/1998	N	33.49	11.8	45.29
S136A	01/10/1999	N	33.40	11.89	45.29
S136A	04/18/1999	N	33.34	11.95	45.29
S136A	07/17/1999	N	33.09	12.2	45.29
S136A	10/09/1999	N	33.84	11.45	45.29
S136A	01/08/2000	N	32.89	12.4	45.29
S136A	04/08/2000	N	33.60	11.69	45.29
S136A	07/08/2000	N	33.47	11.82	45.29
S136A	10/07/2000	N	33.29	12	45.29
S136A	01/06/2001	N	33.43	11.86	45.29
S136A	04/07/2001	N	34.03	11.26	45.29
S136A	07/07/2001	N	33.85	11.44	45.29
S136A	10/06/2001	N	33.60	11.69	45.29
S136A	10/12/2002	N	34.02	11.27	45.29
S136A	10/10/2003	N	34.45	10.84	45.29
S136A	10/05/2004	N	34.21	11.08	45.29
S136A	10/10/2005	N	36.30	17.05	53.35
S136A	10/12/2006	N	33.77	12.65	46.42
S136A	10/09/2007	N	34.31	12.11	46.42
S136A	10/14/2008	N	33.21	13.21	46.42
S136A	10/12/2009	N	32.49	13.93	46.42
S136A	10/11/2010	N	32.84	13.58	46.42
S136A	10/10/2011	N	33.24	13.18	46.42
S136A	10/09/2012	N	33.16	13.26	46.42
S136A	10/14/2013	N	32.60	13.82	46.42
S136A	10/13/2014	N	32.61	13.81	46.42
S136A	10/14/2015	N	32.02	14.40	46.42
S136A	10/11/2016	N	32.20	14.22	46.42
S136A	10/10/2017	N	33.36	13.06	46.42
S136A	10/09/2018	N	36.50	12.76	49.26
S137A	04/12/1998	N	33.46	10.07	43.53
S137A	07/12/1998	N	20.39	23.14	43.53

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HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S137A	10/04/1998	N	21.62	21.91	43.53
S137A	04/18/1999	N	21.31	22.22	43.53
S137A	07/17/1999	N	31.08	12.45	43.53
S137A	10/09/1999	Y	NA	NA	43.53
S137A	01/08/2000	N	31.41	12.12	43.53
S137A	04/08/2000	N	20.37	23.16	43.53
S137A	07/08/2000	N	19.28	24.25	43.53
S137A	10/07/2000	N	19.45	24.08	43.53
S137A	01/06/2001	N	20.82	22.71	43.53
S137A	04/07/2001	N	19.31	24.22	43.53
S137A	07/07/2001	N	19.94	23.60	43.54
S137A	10/06/2001	N	20.50	23.05	43.55
S137A	10/12/2002	N	20.23	23.30	43.53
S137A	10/10/2003	N	28.90	14.63	43.53
S137A	10/05/2004	N	22.67	20.86	43.53
S137A	10/10/2005	N	36.05	15.53	51.58
S137A	10/12/2006	N	23.64	21.91	45.55
S137A	10/09/2007	N	33.95	11.60	45.55
S137A	10/14/2008	N	26.22	19.33	45.55
S137A	10/12/2009	N	21.08	24.47	45.55
S137A	10/11/2010	N	29.55	16	45.55
S137A	10/10/2011	N	32.05	13.5	45.55
S137A	10/09/2012	N	29.85	15.7	45.55
S137A	10/14/2013	N	29.90	15.65	45.55
S137A	10/13/2014	N	31.38	14.17	45.55
S137A	10/14/2015	N	20.60	24.95	45.55
S137A	12/14/2015	N	32.91	12.64	45.55
S137A	10/11/2016	N	18.12	27.43	45.55
S137A	11/14/2016	N	32.43	13.12	45.55
S137A	11/17/2016	N	31.83	13.72	45.55
S137A	12/02/2016	N	32.76	12.79	45.55
S137A	12/14/2016	N	32.91	12.64	45.55
S137A	12/21/2016	N	32.91	12.64	45.55
S137A	01/04/2017	N	33.04	12.51	45.55
S137A	01/17/2017	N	33.49	12.06	45.55
S137A	02/02/2017	N	34.16	11.39	45.55
S137A	03/08/2017	N	34.40	11.15	45.55
S137A	04/05/2017	N	33.89	11.66	45.55
S137A	05/17/2017	N	33.42	12.13	45.55
S137A	06/27/2017	N	33.19	12.36	45.55
S137A	07/13/2017	N	33.17	12.38	45.55
S137A	08/16/2017	N	33.10	12.45	45.55
S137A	10/10/2017	N	32.98	12.57	45.55
S137A	11/15/2017	N	33.14	12.41	45.55
S137A	10/09/2018	N	35.94	12.36	48.30
S138A	10/09/1999	N	17.34	26.4	43.74

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HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S138A	01/08/2000	N	17.91	25.83	43.74
S138A	04/08/2000	N	14.94	28.8	43.74
S138A	07/08/2000	N	14.85	28.89	43.74
S138A	10/07/2000	N	14.77	28.97	43.74
S138A	01/06/2001	N	16.02	27.72	43.74
S138A	04/07/2001	N	16.20	27.54	43.74
S138A	07/07/2001	N	14.51	29.25	43.76
S138A	10/06/2001	N	14.71	29.05	43.76
S138A	10/12/2002	N	14.83	28.91	43.74
S138A	10/10/2003	N	16.23	27.51	43.74
S138A	10/05/2004	N	17.08	26.66	43.74
S138A	10/10/2005	N	35.75	16.04	51.79
S138A	10/12/2006	N	14.74	31.41	46.15
S138A	10/09/2007	N	33.83	12.32	46.15
S138A	10/14/2008	N	30.06	16.09	46.15
S138A	10/12/2009	N	22.06	24.09	46.15
S138A	10/11/2010	N	26.26	19.89	46.15
S138A	10/10/2011	U	NA	NA	46.15
S138A	10/09/2012	N	31.23	14.92	46.15
S138A	10/14/2013	N	NA	NA	46.15
S138A	10/13/2014	N	22.09	24.06	46.15
S138A	10/14/2015	N	24.92	21.23	46.15
S138A	12/15/2015	N	32.44	13.71	46.15
S138A	10/11/2016	N	23.73	22.42	46.15
S138A	11/14/2016	N	32.15	14	46.15
S138A	11/17/2016	N	32.77	13.38	46.15
S138A	12/02/2016	N	32.57	13.58	46.15
S138A	12/15/2016	N	32.44	13.71	46.15
S138A	12/21/2016	N	32.70	13.45	46.15
S138A	01/04/2017	N	32.75	13.4	46.15
S138A	01/18/2017	N	33.01	13.14	46.15
S138A	02/02/2017	N	33.82	12.33	46.15
S138A	03/08/2017	N	34.25	11.9	46.15
S138A	04/05/2017	N	33.58	12.57	46.15
S138A	05/18/2017	N	33.10	13.05	46.15
S138A	06/27/2017	N	32.85	13.3	46.15
S138A	07/13/2017	N	32.80	13.35	46.15
S138A	08/17/2017	N	32.77	13.38	46.15
S138A	10/10/2017	N	32.69	13.46	46.15
S138A	11/16/2017	N	32.84	13.31	46.15
S138A	10/09/2018	N	35.62	13.33	48.95
S139A	04/12/1998	N	29.44	14.15	43.59
S139A	07/12/1998	N	22.34	21.25	43.59
S139A	10/04/1998	N	20.57	23.02	43.59
S139A	04/18/1999	N	20.50	23.09	43.59
S139A	07/17/1999	N	21.29	22.3	43.59

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S139A	10/09/1999	N	28.35	15.24	43.59
S139A	01/08/2000	N	29.97	13.62	43.59
S139A	04/08/2000	N	19.88	23.71	43.59
S139A	07/08/2000	N	23.40	20.19	43.59
S139A	10/07/2000	N	19.49	24.1	43.59
S139A	01/06/2001	N	21.49	22.1	43.59
S139A	04/07/2001	N	21.55	22.04	43.59
S139A	07/07/2001	N	22.05	21.55	43.60
S139A	10/06/2001	N	21.61	22.00	43.61
S139A	10/12/2002	N	22.27	21.32	43.59
S139A	10/10/2003	N	19.39	24.20	43.59
S139A	10/05/2004	N	21.17	22.42	43.59
S139A	10/10/2005	N	35.44	16.17	51.61
S139A	10/12/2006	N	22.54	23.31	45.85
S139A	10/09/2007	N	33.45	12.40	45.85
S139A	10/14/2008	N	26.42	19.43	45.85
S139A	10/12/2009	N	23.64	22.21	45.85
S139A	10/11/2010	N	18.95	26.9	45.85
S139A	10/10/2011	N	16.92	28.93	45.85
S139A	10/09/2012	N	16.45	29.4	45.85
S139A	10/14/2013	N	19.30	26.55	45.85
S139A	10/13/2014	N	24.59	21.26	45.85
S139A	10/14/2015	N	22.99	22.86	45.85
S139A	12/15/2015	N	32.12	13.73	45.85
S139A	10/11/2016	N	26.23	19.62	45.85
S139A	11/14/2016	N	31.66	14.19	45.85
S139A	11/17/2016	N	32.33	13.52	45.85
S139A	12/02/2016	N	32.04	13.81	45.85
S139A	12/15/2016	N	32.12	13.73	45.85
S139A	12/21/2016	N	32.15	13.70	45.85
S139A	01/04/2017	N	32.33	13.52	45.85
S139A	01/17/2017	N	32.79	13.06	45.85
S139A	02/02/2017	N	33.89	11.96	45.85
S139A	03/08/2017	N	34.24	11.61	45.85
S139A	04/05/2017	N	33.53	12.32	45.85
S139A	05/17/2017	N	33.01	12.84	45.85
S139A	06/27/2017	N	32.69	13.16	45.85
S139A	07/13/2017	N	32.58	13.27	45.85
S139A	08/16/2017	N	32.53	13.32	45.85
S139A	10/10/2017	N	32.38	13.47	45.85
S139A	11/15/2017	N	32.49	13.36	45.85
S139A	10/09/2018	N	35.28	13.35	48.63
S140A	07/17/1999	N	20.57	23.24	43.81
S140A	10/09/1999	N	21.78	22.03	43.81
S140A	01/08/2000	N	18.70	25.11	43.81
S140A	04/08/2000	N	18.52	25.29	43.81

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HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S140A	07/08/2000	N	18.31	25.5	43.81
S140A	10/07/2000	N	22.16	21.65	43.81
S140A	01/06/2001	N	23.49	20.32	43.81
S140A	04/07/2001	N	24.74	19.07	43.81
S140A	07/07/2001	N	23.62	20.20	43.82
S140A	10/06/2001	N	22.72	21.11	43.83
S140A	10/12/2002	N	23.03	20.78	43.81
S140A	10/10/2003	N	23.79	20.02	43.81
S140A	10/05/2004	N	23.27	20.54	43.81
S140A	10/10/2005	N	36.47	15.37	51.84
S140A	10/12/2006	N	27.35	18.87	46.22
S140A	10/09/2007	N	33.55	12.67	46.22
S140A	10/14/2008	N	23.32	22.90	46.22
S140A	10/12/2009	N	20.99	25.23	46.22
S140A	10/11/2010	N	22.12	24.10	46.22
S140A	10/10/2011	N	24.04	22.18	46.22
S140A	10/09/2012	N	25.27	20.95	46.22
S140A	10/14/2013	N	22.31	23.91	46.22
S140A	10/13/2014	N	19.70	26.52	46.22
S140A	10/14/2015	N	20.91	25.31	46.22
S140A	10/11/2016	N	23.17	23.05	46.22
S140A	11/14/2016	N	31.72	14.5	46.22
S140A	11/17/2016	N	32.43	13.79	46.22
S140A	12/02/2016	N	31.97	14.25	46.22
S140A	12/15/2016	N	31.80	14.42	46.22
S140A	12/21/2016	N	32.21	14.01	46.22
S140A	01/04/2017	N	32.27	13.95	46.22
S140A	01/18/2017	N	32.87	13.35	46.22
S140A	02/02/2017	N	34.03	12.19	46.22
S140A	03/08/2017	N	34.57	11.65	46.22
S140A	04/05/2017	N	33.56	12.66	46.22
S140A	05/18/2017	N	33.01	13.21	46.22
S140A	06/27/2017	N	32.76	13.46	46.22
S140A	07/13/2017	N	32.63	13.59	46.22
S140A	08/17/2017	N	32.52	13.7	46.22
S140A	10/10/2017	N	32.35	13.87	46.22
S140A	11/16/2017	N	32.52	13.7	46.22
S140A	10/09/2018	N	35.30	13.71	49.01
S141A	07/06/1992	N	30.87	14.03	44.90
S141A	07/07/1992	N	33.23	11.63	44.86
S141A	10/05/1992	N	30.18	14.72	44.90
S141A	01/04/1993	N	31.53	13.37	44.90
S141A	04/05/1993	N	32.59	12.31	44.90
S141A	07/06/1993	N	31.35	13.55	44.90
S141A	10/04/1993	N	30.75	14.15	44.90
S141A	01/03/1994	N	30.80	14.1	44.90

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SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S141A	04/04/1994	N	31.07	13.83	44.90
S141A	07/05/1994	N	30.87	14.03	44.90
S141A	10/31/1994	N	30.39	14.51	44.90
S141A	01/03/1995	N	32.42	12.48	44.90
S141A	04/03/1995	N	34.26	10.64	44.90
S141A	07/09/1995	N	32.45	12.45	44.90
S141A	10/09/1995	N	31.82	13.08	44.90
S141A	01/02/1996	N	33.86	11	44.86
S141A	04/01/1996	N	34.00	10.86	44.86
S141A	07/08/1996	N	33.23	11.63	44.86
S141A	10/07/1996	N	33.48	11.38	44.86
S141A	01/13/1997	N	32.15	12.71	44.86
S141A	04/07/1997	N	31.64	13.22	44.86
S141A	07/21/1997	N	31.23	13.63	44.86
S141A	10/17/1997	N	31.26	13.6	44.86
S141A	01/10/1998	N	32.07	12.79	44.86
S141A	04/12/1998	N	33.51	11.35	44.86
S141A	07/12/1998	N	31.68	13.18	44.86
S141A	10/04/1998	N	31.79	13.07	44.86
S141A	01/10/1999	N	31.61	13.25	44.86
S141A	04/18/1999	N	31.89	12.97	44.86
S141A	07/17/1999	N	31.61	13.25	44.86
S141A	10/09/1999	N	31.60	13.26	44.86
S141A	01/08/2000	N	31.00	13.86	44.86
S141A	04/08/2000	N	31.32	13.54	44.86
S141A	07/08/2000	N	31.10	13.76	44.86
S141A	10/07/2000	N	31.01	13.85	44.86
S141A	01/06/2001	N	31.07	13.79	44.86
S141A	04/07/2001	N	31.55	13.31	44.86
S141A	07/07/2001	N	31.33	13.53	44.86
S141A	10/06/2001	N	31.48	13.38	44.86
S141A	10/12/2002	N	31.46	13.40	44.86
S141A	10/10/2003	N	33.47	11.39	44.86
S141A	10/05/2004	N	31.55	13.31	44.86
S141A	10/10/2005	N	34.72	17.74	52.46
S141A	10/12/2006	N	32.01	14.67	46.68
S141A	10/09/2007	N	33.18	13.50	46.68
S141A	10/14/2008	N	30.45	16.23	46.68
S141A	10/12/2009	N	29.86	16.82	46.68
S141A	10/11/2010	N	30.04	16.64	46.68
S141A	10/10/2011	N	30.28	16.4	46.68
S141A	10/09/2012	N	30.12	16.56	46.68
S141A	10/14/2013	N	29.75	16.93	46.68
S141A	10/13/2014	N	29.68	17.00	46.68
S141A	10/14/2015	N	29.15	17.53	46.68
S141A	12/14/2015	N	31.77	14.91	46.68

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SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S141A	10/11/2016	N	29.71	16.97	46.68
S141A	11/14/2016	N	30.93	15.75	46.68
S141A	11/17/2016	N	31.76	14.92	46.68
S141A	12/02/2016	N	31.64	15.04	46.68
S141A	12/14/2016	N	31.77	14.91	46.68
S141A	12/21/2016	N	31.78	14.90	46.68
S141A	01/04/2017	N	31.96	14.72	46.68
S141A	01/17/2017	N	32.55	14.13	46.68
S141A	02/02/2017	N	33.52	13.16	46.68
S141A	03/08/2017	N	33.93	12.75	46.68
S141A	04/05/2017	N	33.27	13.41	46.68
S141A	05/18/2017	N	32.78	13.9	46.68
S141A	06/27/2017	N	NA	NA	46.68
S141A	07/13/2017	N	32.63	14.05	46.68
S141A	08/16/2017	N	32.25	14.43	46.68
S141A	10/10/2017	N	32.06	14.62	46.68
S141A	11/16/2017	N	32.21	14.47	46.68
S141A	10/09/2018	N	35.09	14.42	49.51
S141B1	07/06/1992	N	27.81	17.03	44.84
S141B1	01/18/1993	N	18.42	26.42	44.84
S141B1	04/05/1993	N	24.02	20.82	44.84
S141B1	07/06/1993	N	27.82	17.02	44.84
S141B1	10/04/1993	N	26.78	18.06	44.84
S141B1	01/03/1994	N	23.07	21.77	44.84
S141B1	04/04/1994	N	27.73	17.11	44.84
S141B1	07/05/1994	N	26.90	17.94	44.84
S141B1	10/31/1994	N	17.16	27.68	44.84
S141B1	01/03/1995	N	28.84	16	44.84
S141B1	04/03/1995	N	28.53	16.31	44.84
S141B1	07/09/1995	N	28.53	16.31	44.84
S141B1	10/09/1995	N	30.95	13.89	44.84
S141B1	01/02/1996	N	29.41	14.23	43.64
S141B1	04/01/1996	N	31.77	11.87	43.64
S141B1	10/07/1996	N	16.73	26.91	43.64
S141B1	01/13/1997	N	26.77	16.87	43.64
S141B1	04/07/1997	N	27.55	16.09	43.64
S141B1	07/21/1997	N	30.00	13.64	43.64
S141B1	10/13/1997	N	30.00	13.64	43.64
S141B1	01/10/1998	N	26.21	17.43	43.64
S141B1	04/12/1998	N	22.64	21	43.64
S141B1	07/12/1998	N	25.41	18.23	43.64
S141B1	10/04/1998	N	12.31	31.33	43.64
S141B1	04/18/1999	N	14.85	30.01	44.86
S141B1	07/17/1999	N	25.02	19.84	44.86
S141B1	10/09/1999	N	12.82	32.04	44.86
S141B1	01/08/2000	N	19.04	25.82	44.86

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HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S141B1	04/08/2000	N	12.56	32.3	44.86
S141B1	07/08/2000	N	17.42	27.44	44.86
S141B1	10/07/2000	N	16.29	28.57	44.86
S141B1	01/06/2001	N	15.72	29.14	44.86
S141B1	04/07/2001	N	14.47	30.39	44.86
S141B1	07/07/2001	N	14.36	30.52	44.88
S141B1	10/06/2001	N	12.26	32.63	44.89
S141B1	10/12/2002	N	14.59	30.27	44.86
S141B1	10/10/2003	N	13.53	31.33	44.86
S141B1	10/05/2004	N	28.45	16.41	44.86
S141B1	10/10/2005	N	39.21	13.82	53.03
S141B1	10/12/2006	N	24.43	21.27	45.70
S141B1	10/09/2007	N	33.20	12.50	45.70
S141B1	10/14/2008	N	29.57	16.13	45.70
S141B1	10/12/2009	N	29.21	16.49	45.70
S141B1	10/11/2010	N	30.60	15.10	45.70
S141B1	10/10/2011	N	31.25	14.45	45.70
S141B1	10/09/2012	N	30.80	14.90	45.70
S141B1	10/14/2013	N	9.29	36.41	45.70
S141B1	10/13/2014	N	30.43	15.27	45.70
S141B1	10/14/2015	N	26.84	18.86	45.70
S141B1	10/11/2016	N	31.97	13.73	45.70
S141B1	10/10/2017	N	34.64	11.06	45.70
S141B1	10/09/2018	N	38.10	10.40	48.50
S142A	04/12/1998	N	30.94	12.5	43.44
S142A	07/12/1998	N	21.81	21.63	43.44
S142A	10/04/1998	N	20.64	22.8	43.44
S142A	04/18/1999	N	22.36	21.08	43.44
S142A	07/17/1999	N	29.74	13.7	43.44
S142A	10/09/1999	N	22.17	21.27	43.44
S142A	01/08/2000	N	20.80	22.64	43.44
S142A	04/08/2000	N	18.45	24.99	43.44
S142A	07/08/2000	N	18.52	24.92	43.44
S142A	10/07/2000	N	18.52	24.92	43.44
S142A	01/06/2001	N	18.47	24.97	43.44
S142A	04/07/2001	N	19.13	24.31	43.44
S142A	07/07/2001	N	19.39	24.06	43.45
S142A	10/06/2001	N	18.41	25.05	43.46
S142A	10/12/2002	N	20.91	22.53	43.44
S142A	10/10/2003	N	19.42	24.02	43.44
S142A	10/05/2004	N	22.77	20.67	43.44
S142A	10/10/2005	N	35.15	16.34	51.49
S142A	10/12/2006	N	25.35	20.36	45.71
S142A	10/09/2007	N	33.14	12.57	45.71
S142A	10/14/2008	N	26.63	19.08	45.71
S142A	10/12/2009	N	16.23	29.48	45.71

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S142A	10/11/2010	N	22.41	23.30	45.71
S142A	10/10/2011	N	16.21	29.5	45.71
S142A	10/09/2012	N	26.75	18.96	45.71
S142A	10/14/2013	N	24.68	21.03	45.71
S142A	10/13/2014	N	28.95	16.76	45.71
S142A	10/14/2015	N	23.69	22.02	45.71
S142A	10/11/2016	N	26.89	18.82	45.71
S142A	10/10/2017	N	31.94	13.77	45.71
S142A	10/09/2018	N	35.00	13.50	48.50
S143A	07/17/1999	N	20.71	23.03	43.74
S143A	10/09/1999	N	32.61	11.13	43.74
S143A	01/08/2000	N	31.73	12.01	43.74
S143A	04/08/2000	N	20.23	23.51	43.74
S143A	07/08/2000	N	20.54	23.2	43.74
S143A	10/07/2000	N	20.79	22.95	43.74
S143A	01/06/2001	N	21.22	22.52	43.74
S143A	04/07/2001	N	19.61	24.13	43.74
S143A	07/07/2001	N	20.37	23.38	43.75
S143A	10/06/2001	N	20.29	23.47	43.76
S143A	10/12/2002	N	22.18	21.56	43.74
S143A	10/10/2003	N	21.10	22.64	43.74
S143A	10/05/2004	N	25.98	17.76	43.74
S143A	10/10/2005	N	35.05	16.70	51.75
S143A	10/12/2006	N	32.28	13.07	45.35
S143A	10/09/2007	N	33.01	12.34	45.35
S143A	10/14/2008	N	28.10	17.25	45.35
S143A	10/12/2009	N	31.57	13.78	45.35
S143A	10/11/2010	N	31.33	14.02	45.35
S143A	10/10/2011	N	17.67	27.68	45.35
S143A	10/09/2012	N	20.92	24.43	45.35
S143A	10/14/2013	N	17.69	27.66	45.35
S143A	10/13/2014	N	27.37	17.98	45.35
S143A	10/14/2015	N	21.41	23.94	45.35
S143A	12/14/2015	N	31.52	13.83	45.35
S143A	10/11/2016	N	20.26	25.09	45.35
S143A	11/14/2016	N	30.87	14.48	45.35
S143A	11/17/2016	N	31.38	13.97	45.35
S143A	12/02/2016	N	31.40	13.95	45.35
S143A	12/14/2016	N	31.52	13.83	45.35
S143A	12/21/2016	N	31.54	13.81	45.35
S143A	01/04/2017	N	31.71	13.64	45.35
S143A	01/17/2017	N	32.54	12.81	45.35
S143A	02/02/2017	N	33.79	11.56	45.35
S143A	03/08/2017	N	34.02	11.33	45.35
S143A	04/05/2017	N	33.31	12.04	45.35
S143A	05/17/2017	N	32.72	12.63	45.35

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S143A	06/27/2017	N	32.27	13.08	45.35
S143A	07/13/2017	N	32.17	13.18	45.35
S143A	08/16/2017	N	32.06	13.29	45.35
S143A	10/10/2017	N	31.80	13.55	45.35
S143A	11/15/2017	N	32.01	13.34	45.35
S143A	10/09/2018	N	34.96	13.16	48.12
S144A	07/06/1992	N	30.90	14.44	45.34
S144A	07/07/1992	N	31.05	12.5	43.55
S144A	01/18/1993	N	31.51	13.83	45.34
S144A	04/05/1993	N	32.36	12.98	45.34
S144A	07/06/1993	N	28.05	17.29	45.34
S144A	10/04/1993	N	26.67	18.67	45.34
S144A	01/03/1994	N	26.66	18.68	45.34
S144A	04/04/1994	N	31.61	13.73	45.34
S144A	07/05/1994	N	31.06	14.28	45.34
S144A	10/31/1994	N	25.05	20.29	45.34
S144A	01/03/1995	N	24.64	20.7	45.34
S144A	04/03/1995	N	34.31	11.03	45.34
S144A	07/09/1995	N	32.92	12.42	45.34
S144A	10/09/1995	N	29.91	15.43	45.34
S144A	01/02/1996	N	23.96	19.59	43.55
S144A	04/01/1996	N	31.00	12.55	43.55
S144A	07/08/1996	N	31.05	12.5	43.55
S144A	10/07/1996	N	25.55	18	43.55
S144A	01/13/1997	N	25.43	18.12	43.55
S144A	04/07/1997	N	22.50	21.05	43.55
S144A	07/21/1997	N	23.66	19.89	43.55
S144A	10/13/1997	N	32.55	11	43.55
S144A	01/10/1998	N	24.52	19.03	43.55
S144A	04/12/1998	N	23.81	19.74	43.55
S144A	07/12/1998	N	26.45	17.1	43.55
S144A	10/04/1998	N	23.09	20.46	43.55
S144A	04/18/1999	N	23.52	20.03	43.55
S144A	07/17/1999	N	23.65	19.9	43.55
S144A	10/09/1999	N	27.03	16.52	43.55
S144A	01/08/2000	N	20.48	23.07	43.55
S144A	04/08/2000	N	19.70	23.85	43.55
S144A	07/08/2000	N	20.09	23.46	43.55
S144A	10/07/2000	N	19.35	24.2	43.55
S144A	01/06/2001	N	20.75	22.8	43.55
S144A	04/07/2001	N	21.04	22.51	43.55
S144A	07/07/2001	N	19.32	24.24	43.56
S144A	10/06/2001	N	18.88	24.69	43.57
S144A	10/12/2002	N	21.35	22.20	43.55
S144A	10/10/2003	N	20.50	23.05	43.55
S144A	10/05/2004	N	33.48	10.07	43.55

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S144A	10/10/2005	N	34.61	16.97	51.58
S144A	10/12/2006	N	32.20	11.82	44.02
S144A	10/09/2007	N	32.43	11.59	44.02
S144A	10/14/2008	N	28.75	15.27	44.02
S144A	10/12/2009	N	30.66	13.36	44.02
S144A	10/11/2010	N	31.33	12.69	44.02
S144A	10/10/2011	N	26.74	17.28	44.02
S144A	10/09/2012	N	31.50	12.52	44.02
S144A	10/14/2013	N	29.94	14.08	44.02
S144A	10/13/2014	N	25.24	18.78	44.02
S144A	10/14/2015	N	24.37	19.65	44.02
S144A	10/11/2016	N	24.07	19.95	44.02
S144A	10/10/2017	N	31.46	12.56	44.02
S144A	10/09/2018	N	34.64	12.19	46.83
S145A	07/17/1999	N	20.70	23.25	43.95
S145A	10/09/1999	N	21.02	22.93	43.95
S145A	01/08/2000	N	19.23	24.72	43.95
S145A	04/08/2000	N	19.48	24.47	43.95
S145A	07/08/2000	N	20.54	23.41	43.95
S145A	10/07/2000	N	20.68	23.27	43.95
S145A	01/06/2001	N	20.50	23.45	43.95
S145A	04/07/2001	N	19.32	24.63	43.95
S145A	07/07/2001	N	20.28	23.68	43.96
S145A	10/06/2001	N	20.05	23.92	43.97
S145A	10/12/2002	N	19.67	24.28	43.95
S145A	10/10/2003	N	20.41	23.54	43.95
S145A	10/05/2004	N	21.76	22.19	43.95
S145A	10/10/2005	N	35.36	16.59	51.95
S145A	10/12/2006	N	25.79	20.37	46.16
S145A	10/09/2007	N	33.51	12.65	46.16
S145A	10/14/2008	N	29.08	17.08	46.16
S145A	10/12/2009	N	19.49	26.67	46.16
S145A	10/11/2010	N	24.76	21.40	46.16
S145A	10/10/2011	N	26.51	19.65	46.16
S145A	10/09/2012	N	30.63	15.53	46.16
S145A	10/14/2013	N	17.60	28.56	46.16
S145A	10/13/2014	N	26.70	19.46	46.16
S145A	10/14/2015	N	29.45	16.71	46.16
S145A	10/11/2016	N	29.68	16.48	46.16
S145A	11/17/2016	N	32.31	13.85	46.16
S145A	12/02/2016	N	31.91	14.25	46.16
S145A	10/10/2017	N	32.36	13.80	46.16
S145A	10/09/2018	N	35.35	13.63	48.98
S146A	07/17/1999	N	17.06	26.6	43.66
S146A	10/09/1999	N	16.71	26.95	43.66
S146A	01/08/2000	N	17.05	26.61	43.66

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S146A	04/08/2000	N	17.67	25.99	43.66
S146A	07/08/2000	N	17.80	25.86	43.66
S146A	10/07/2000	N	18.09	25.57	43.66
S146A	01/06/2001	N	17.55	26.11	43.66
S146A	04/07/2001	N	16.90	26.76	43.66
S146A	07/07/2001	N	19.00	24.67	43.67
S146A	10/06/2001	N	20.48	23.20	43.68
S146A	10/12/2002	N	17.51	26.15	43.66
S146A	10/10/2003	N	17.75	25.91	43.66
S146A	10/05/2004	N	19.00	24.66	43.66
S146A	10/10/2005	N	36.22	15.48	51.70
S146A	10/12/2006	N	17.69	28.36	46.05
S146A	10/09/2007	N	34.18	11.87	46.05
S146A	10/14/2008	N	31.15	14.90	46.05
S146A	10/12/2009	N	28.06	17.99	46.05
S146A	10/11/2010	N	32.13	13.92	46.05
S146A	10/10/2011	N	25.52	20.53	46.05
S146A	10/09/2012	N	31.23	14.82	46.05
S146A	10/14/2013	N	27.43	18.62	46.05
S146A	10/13/2014	N	NA	NA	46.05
S146A	10/14/2015	N	25.88	20.17	46.05
S146A	12/14/2015	N	33.14	12.91	46.05
S146A	10/11/2016	N	26.29	19.76	46.05
S146A	11/14/2016	N	32.64	13.41	46.05
S146A	11/17/2016	N	33.04	13.01	46.05
S146A	12/02/2016	N	33.07	12.98	46.05
S146A	12/14/2016	N	33.14	12.91	46.05
S146A	12/21/2016	N	33.21	12.84	46.05
S146A	01/04/2017	N	33.25	12.8	46.05
S146A	01/18/2017	N	33.73	12.32	46.05
S146A	02/02/2017	N	34.32	11.73	46.05
S146A	03/08/2017	N	34.65	11.4	46.05
S146A	04/05/2017	N	34.06	11.99	46.05
S146A	05/18/2017	N	33.61	12.44	46.05
S146A	06/27/2017	N	33.41	12.64	46.05
S146A	07/13/2017	N	33.70	12.35	46.05
S146A	08/17/2017	N	33.29	12.76	46.05
S146A	10/10/2017	N	33.15	12.90	46.05
S146A	11/16/2017	N	33.33	12.72	46.05
S146A	10/09/2018	N	36.27	12.58	48.85
S147B1	07/07/1992	N	2.83	41.06	43.89
S147B1	01/18/1993	N	13.79	30.1	43.89
S147B1	04/05/1993	N	4.16	39.73	43.89
S147B1	07/06/1993	N	13.53	30.36	43.89
S147B1	10/04/1993	N	19.88	24.01	43.89
S147B1	01/03/1994	N	31.03	12.86	43.89

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S147B1	04/04/1994	N	5.98	37.91	43.89
S147B1	07/05/1994	N	4.03	39.86	43.89
S147B1	10/31/1994	N	8.76	35.13	43.89
S147B1	01/03/1995	N	4.90	38.99	43.89
S147B1	04/03/1995	N	6.14	37.75	43.89
S147B1	07/09/1995	N	5.83	38.06	43.89
S147B1	10/09/1995	N	7.28	36.61	43.89
S147B1	01/02/1996	N	7.34	36.55	43.89
S147B1	04/01/1996	N	4.47	39.42	43.89
S147B1	07/08/1996	N	2.83	41.06	43.89
S147B1	10/07/1996	N	28.91	13.98	42.89
S147B1	01/13/1997	N	3.36	39.53	42.89
S147B1	04/07/1997	N	3.41	39.48	42.89
S147B1	07/21/1997	N	3.43	39.46	42.89
S147B1	10/13/1997	N	1.95	40.94	42.89
S147B1	01/10/1998	N	2.16	40.73	42.89
S147B1	04/12/1998	N	1.73	41.16	42.89
S147B1	07/12/1998	N	1.83	41.06	42.89
S147B1	10/04/1998	N	1.72	41.17	42.89
S147B1	04/18/1999	N	2.44	41.45	43.89
S147B1	07/17/1999	N	2.96	40.93	43.89
S147B1	10/09/1999	N	1.93	41.96	43.89
S147B1	01/08/2000	N	5.36	38.53	43.89
S147B1	04/08/2000	N	3.09	40.8	43.89
S147B1	07/08/2000	N	3.33	40.56	43.89
S147B1	10/07/2000	N	2.92	40.97	43.89
S147B1	01/06/2001	N	3.09	40.8	43.89
S147B1	04/07/2001	N	3.24	40.65	43.89
S147B1	07/07/2001	N	3.16	40.77	43.93
S147B1	10/06/2001	N	21.95	21.95	43.90
S147B1	10/12/2002	N	3.83	40.06	43.89
S147B1	10/10/2003	N	2.20	41.69	43.89
S147B1	10/05/2004	N	2.97	40.92	43.89
S147B1	10/10/2005	N	2.09	41.8	43.89
S147B1	10/12/2006	N	6.55	37.34	43.89
S147B1	10/09/2007	N	34.20	9.69	43.89
S147B1	10/14/2008	N	32.04	11.85	43.89
S147B1	10/12/2009	N	3.54	40.35	43.89
S147B1	10/12/2010	N	3.77	40.12	43.89
S147B1	10/10/2011	N	33.17	10.72	43.89
S147B1	10/09/2012	N	9.14	34.75	43.89
S147B1	10/14/2013	N	7.01	36.88	43.89
S147B1	10/13/2014	N	6.38	37.51	43.89
S147B1	10/14/2015	N	9.43	34.46	43.89
S147B1	10/11/2016	N	5.43	38.46	43.89
S147B1	10/10/2017	N	2.89	41.00	43.89

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S147B1	10/09/2018	N	18.24	24.40	42.64
S148B1	07/07/1992	N	2.79	40.45	43.24
S148B1	01/18/1993	N	11.46	31.78	43.24
S148B1	07/06/1993	N	3.64	39.6	43.24
S148B1	10/04/1993	N	5.29	37.95	43.24
S148B1	01/04/1994	N	2.19	41.05	43.24
S148B1	04/04/1994	N	7.63	35.61	43.24
S148B1	07/05/1994	N	9.29	33.95	43.24
S148B1	07/09/1995	Y	NA	NA	43.24
S148B1	10/09/1995	Y	NA	NA	43.24
S148B1	01/02/1996	N	9.53	33.71	43.24
S148B1	04/01/1996	N	5.77	37.47	43.24
S148B1	07/08/1996	N	2.79	40.45	43.24
S148B1	10/07/1996	N	22.07	19.79	41.86
S148B1	01/13/1997	N	8.71	33.15	41.86
S148B1	04/07/1997	N	-1.49	43.35	41.86
S148B1	07/21/1997	N	0.97	40.89	41.86
S148B1	10/13/1997	N	-3.05	44.91	41.86
S148B1	01/10/1998	N	1.13	40.73	41.86
S148B1	04/12/1998	N	-0.14	42	41.86
S148B1	07/12/1998	N	-1.59	43.45	41.86
S148B1	10/04/1998	N	-1.33	43.19	41.86
S148B1	04/18/1999	N	2.72	40.52	43.24
S148B1	07/17/1999	N	0.67	42.57	43.24
S148B1	10/09/1999	N	-1.26	44.5	43.24
S148B1	01/08/2000	N	-1.75	44.99	43.24
S148B1	04/08/2000	N	0.13	44.11	44.24
S148B1	07/08/2000	N	-0.79	45.03	44.24
S148B1	10/07/2000	N	-0.80	45.04	44.24
S148B1	01/06/2001	N	-0.67	44.91	44.24
S148B1	04/07/2001	N	1.56	42.68	44.24
S148B1	07/07/2001	N	4.86	39.42	44.28
S148B1	10/06/2001	N	3.84	40.43	44.27
S148B1	10/12/2002	N	0.41	43.83	44.24
S148B1	10/10/2003	N	5.36	38.88	44.24
S148B1	10/05/2004	N	6.60	37.64	44.24
S148B1	10/10/2005	N	-0.11	44.35	44.24
S148B1	10/12/2006	N	6.45	37.79	44.24
S148B1	10/09/2007	N	37.52	6.72	44.24
S148B1	10/14/2008	N	0.41	43.83	44.24
S148B1	10/12/2009	N	2.33	41.91	44.24
S148B1	10/12/2010	N	1.74	42.5	44.24
S148B1	10/10/2011	N	26.04	18.2	44.24
S148B1	10/09/2012	N	12.84	31.40	44.24
S148B1	10/14/2013	N	26.32	17.92	44.24
S148B1	10/13/2014	N	13.99	30.25	44.24

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S148B1	10/14/2015	N	24.67	19.57	44.24
S148B1	10/11/2016	N	17.33	26.91	44.24
S148B1	10/10/2017	N	3.89	40.35	44.24
S148B1	10/09/2018	N	4.10	37.95	42.05
S149B1	01/18/1993	N	17.55	24.08	41.63
S149B1	01/13/1997	N	22.50	17.96	40.46
S149B1	07/21/1997	N	16.35	24.11	40.46
S149B1	10/13/1997	N	18.35	22.11	40.46
S149B1	01/10/1998	N	13.78	26.68	40.46
S149B1	04/12/1998	N	18.76	21.7	40.46
S149B1	07/12/1998	N	13.61	26.85	40.46
S149B1	10/04/1998	N	12.74	27.72	40.46
S149B1	04/18/1999	N	9.25	32.38	41.63
S149B1	07/17/1999	N	9.74	31.89	41.63
S149B1	10/09/1999	N	15.11	26.52	41.63
S149B1	01/08/2000	N	4.24	37.39	41.63
S149B1	04/08/2000	N	6.30	36.66	42.96
S149B1	07/08/2000	N	3.48	39.48	42.96
S149B1	10/07/2000	N	-0.39	43.35	42.96
S149B1	01/06/2001	N	5.14	37.82	42.96
S149B1	04/07/2001	N	6.38	36.58	42.96
S149B1	07/07/2001	N	0.74	42.25	42.99
S149B1	10/06/2001	N	10.11	32.88	42.99
S149B1	10/12/2002	N	19.71	23.25	42.96
S149B1	10/10/2003	N	9.65	33.31	42.96
S149B1	10/05/2004	N	14.29	28.67	42.96
S149B1	10/10/2005	N	NA	NA	42.96
S149B1	10/12/2006	N	11.21	31.75	42.96
S149B1	10/09/2007	N	37.76	5.20	42.96
S149B1	10/14/2008	N	8.42	34.54	42.96
S149B1	10/12/2009	N	3.08	39.88	42.96
S149B1	10/11/2010	N	18.66	24.30	42.96
S149B1	10/10/2011	N	27.11	15.85	42.96
S149B1	10/09/2012	N	28.09	14.87	42.96
S149B1	10/14/2013	N	20.11	22.85	42.96
S149B1	10/13/2014	N	29.78	13.18	42.96
S149B1	10/14/2015	N	28.86	14.10	42.96
S149B1	10/13/2016	N	30.62	12.34	42.96
S149B1	10/10/2017	N	31.76	11.20	42.96
S149B1	10/09/2018	N	31.16	10.52	41.68
S153B1	07/07/1992	N	27.12	15.91	43.03
S153B1	04/15/1993	N	25.81	17.22	43.03
S153B1	07/06/1993	N	24.58	18.45	43.03
S153B1	10/04/1993	N	23.71	19.32	43.03
S153B1	01/03/1994	N	24.39	18.64	43.03
S153B1	04/04/1994	N	21.96	21.07	43.03

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S153B1	07/05/1994	N	23.95	19.08	43.03
S153B1	10/31/1994	N	25.45	17.58	43.03
S153B1	01/03/1995	N	26.36	16.67	43.03
S153B1	04/03/1995	N	27.69	15.34	43.03
S153B1	07/09/1995	N	26.82	16.21	43.03
S153B1	10/09/1995	N	27.36	15.67	43.03
S153B1	01/02/1996	N	27.45	15.58	43.03
S153B1	04/01/1996	N	29.72	13.31	43.03
S153B1	07/08/1996	N	27.12	15.91	43.03
S153B1	10/07/1996	N	27.20	15.79	42.99
S153B1	01/13/1997	N	30.00	12.99	42.99
S153B1	04/07/1997	N	30.32	12.67	42.99
S153B1	07/21/1997	N	29.80	13.19	42.99
S153B1	10/13/1997	N	27.53	15.46	42.99
S153B1	01/10/1998	N	25.87	17.12	42.99
S153B1	04/12/1998	N	30.11	12.88	42.99
S153B1	07/12/1998	N	28.70	14.29	42.99
S153B1	10/04/1998	N	28.31	14.68	42.99
S153B1	01/10/1999	N	27.19	15.84	43.03
S153B1	04/18/1999	N	25.36	17.67	43.03
S153B1	07/17/1999	N	25.52	17.51	43.03
S153B1	10/09/1999	N	31.09	11.94	43.03
S153B1	01/08/2000	N	24.31	18.72	43.03
S153B1	04/08/2000	N	24.51	18.52	43.03
S153B1	07/08/2000	N	24.95	18.08	43.03
S153B1	10/07/2000	N	24.07	18.96	43.03
S153B1	01/06/2001	N	24.37	18.66	43.03
S153B1	04/07/2001	N	27.09	15.94	43.03
S153B1	07/07/2001	N	24.89	18.14	43.03
S153B1	10/06/2001	N	25.58	17.45	43.03
S153B1	10/12/2002	N	30.78	12.25	43.03
S153B1	10/10/2003	N	31.42	11.61	43.03
S153B1	10/05/2004	N	31.54	11.49	43.03
S153B1	10/10/2005	N	36.01	7.02	43.03
S153B1	10/12/2006	N	32.86	10.17	43.03
S153B1	10/09/2007	N	37.11	5.92	43.03
S153B1	10/14/2008	N	31.37	11.66	43.03
S153B1	10/12/2009	N	30.95	12.08	43.03
S153B1	10/12/2010	N	33.63	9.4	43.03
S153B1	10/10/2011	N	35.09	7.94	43.03
S153B1	10/09/2012	N	34.63	8.40	43.03
S153B1	10/14/2013	N	NA	NA	43.03
S153B1	10/13/2014	N	34.17	8.86	43.03
S153B1	10/14/2015	N	33.48	9.55	43.03
S153B1	10/11/2016	N	34.37	8.66	43.03
S153B1	10/10/2017	N	35.11	7.92	43.03

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S153B1	10/09/2018	N	36.30	6.84	43.14
S154B1	10/17/1997	N	12.26	30.68	42.94
S154B1	04/12/1998	N	21.67	21.27	42.94
S154B1	07/12/1998	N	22.91	20.03	42.94
S154B1	10/04/1998	N	22.69	20.25	42.94
S154B1	10/09/1999	N	29.43	13.51	42.94
S154B1	01/08/2000	N	8.17	34.77	42.94
S154B1	04/08/2000	N	7.06	35.88	42.94
S154B1	07/08/2000	N	4.52	38.42	42.94
S154B1	10/07/2000	N	6.96	35.98	42.94
S154B1	01/06/2001	N	6.33	36.61	42.94
S154B1	04/07/2001	N	8.39	34.55	42.94
S154B1	07/07/2001	N	7.84	35.10	42.94
S154B1	10/06/2001	N	4.81	38.13	42.94
S154B1	10/12/2002	N	26.66	16.28	42.94
S154B1	10/10/2003	N	25.37	17.57	42.94
S154B1	10/05/2004	N	25.24	17.70	42.94
S154B1	10/10/2005	N	29.99	12.95	42.94
S154B1	10/12/2006	N	25.82	17.12	42.94
S154B1	10/09/2007	N	37.11	5.83	42.94
S154B1	10/14/2008	N	24.25	18.69	42.94
S154B1	10/12/2009	N	22.42	20.52	42.94
S154B1	10/12/2010	N	27.12	15.82	42.94
S154B1	10/10/2011	N	32.40	10.54	42.94
S154B1	10/09/2012	N	29.54	13.40	42.94
S154B1	10/14/2013	N	29.17	13.77	42.94
S154B1	10/13/2014	N	29.43	13.51	42.94
S154B1	10/14/2015	N	29.10	13.84	42.94
S154B1	10/11/2016	N	30.06	12.88	42.94
S154B1	10/10/2017	N	NA	NA	42.94
S154B1	10/09/2018	N	NA	NA	42.90
S154B2	01/08/2000	N	13.89	30.2	44.09
S154B2	04/08/2000	N	23.09	21	44.09
S154B2	07/08/2000	N	24.66	19.43	44.09
S154B2	10/07/2000	N	24.57	19.52	44.09
S154B2	01/06/2001	N	24.30	19.79	44.09
S154B2	04/07/2001	N	27.06	17.03	44.09
S154B2	07/07/2001	N	24.14	19.97	44.11
S154B2	10/06/2001	N	24.54	19.55	44.09
S154B2	10/12/2002	N	26.79	17.30	44.09
S154B2	10/10/2003	N	28.65	15.44	44.09
S154B2	10/05/2004	N	24.45	19.64	44.09
S154B2	10/10/2005	N	31.79	12.30	44.09
S154B2	10/12/2006	N	27.71	16.38	44.09
S154B2	10/09/2007	N	38.21	5.88	44.09
S154B2	10/14/2008	N	20.15	23.94	44.09

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S154B2	10/12/2009	N	17.87	26.22	44.09
S154B2	10/12/2010	N	20.84	23.25	44.09
S154B2	10/10/2011	N	21.55	22.54	44.09
S154B2	10/09/2012	N	23.34	20.75	44.09
S154B2	10/14/2013	N	20.11	23.98	44.09
S154B2	10/13/2014	N	21.87	22.22	44.09
S154B2	10/14/2015	N	18.31	25.78	44.09
S154B2	10/11/2016	N	19.90	24.19	44.09
S154B2	10/10/2017	N	17.54	26.55	44.09
S154B2	10/09/2018	N	20.67	23.51	44.18
S154B3	01/08/2000	N	20.84	23.33	44.17
S154B3	04/08/2000	N	29.80	14.37	44.17
S154B3	07/08/2000	N	29.59	14.58	44.17
S154B3	10/07/2000	N	28.50	15.67	44.17
S154B3	01/06/2001	N	29.33	14.84	44.17
S154B3	04/07/2001	N	31.39	12.78	44.17
S154B3	07/07/2001	N	29.78	14.41	44.19
S154B3	10/06/2001	N	29.70	14.47	44.17
S154B3	10/12/2002	N	31.51	12.66	44.17
S154B3	10/10/2003	N	32.54	11.63	44.17
S154B3	10/05/2004	N	32.30	11.87	44.17
S154B3	10/10/2005	N	34.37	9.80	44.17
S154B3	10/12/2006	N	25.05	19.12	44.17
S154B3	10/09/2007	N	44.14	0.03	44.17
S154B3	10/14/2008	N	33.11	11.06	44.17
S154B3	10/12/2009	N	31.06	13.11	44.17
S154B3	10/12/2010	N	31.54	12.63	44.17
S154B3	10/10/2011	N	32.65	11.52	44.17
S154B3	10/09/2012	N	31.90	12.27	44.17
S154B3	10/14/2013	N	30.99	13.18	44.17
S154B3	10/13/2014	N	31.95	12.22	44.17
S154B3	10/14/2015	N	35.42	8.75	44.17
S154B3	10/11/2016	N	37.22	6.95	44.17
S154B3	10/10/2017	N	17.50	26.67	44.17
S154B3	10/09/2018	N	40.75	3.51	44.26
S157A	10/12/2006	N	40.10	6.22	46.32
S157A	10/09/2007	N	39.98	6.34	46.32
S157A	10/14/2008	N	39.59	6.73	46.32
S157A	10/12/2009	N	39.20	7.12	46.32
S157A	10/11/2010	N	39.32	7	46.32
S157A	10/10/2011	N	39.67	6.65	46.32
S157A	10/09/2012	N	39.41	6.91	46.32
S157A	10/14/2013	N	40.59	5.73	46.32
S157A	10/13/2014	N	38.59	7.73	46.32
S157A	10/14/2015	N	38.94	7.38	46.32
S157A	10/11/2016	N	39.29	7.03	46.32

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APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
SIGNETICS SITE
811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Location ID	Date Measured	Dry	Groundwater Elevation (ft, NAVD 88)	Depth To Groundwater (ft)	Reference Elevation (ft, NAVD 88)
S157A	10/10/2017	N	40.69	5.63	46.32
S157A	10/09/2018	N	44.26	4.98	49.24
S157B1	10/12/2006	N	41.45	4.97	46.42
S157B1	10/09/2007	N	41.28	5.14	46.42
S157B1	10/14/2008	N	40.85	5.57	46.42
S157B1	10/12/2009	N	40.49	5.93	46.42
S157B1	10/11/2010	N	40.70	5.72	46.42
S157B1	10/10/2011	N	41.07	5.35	46.42
S157B1	10/09/2012	N	40.88	5.54	46.42
S157B1	10/14/2013	N	39.29	7.13	46.42
S157B1	10/13/2014	N	40.15	6.27	46.42
S157B1	10/14/2015	N	37.39	9.03	46.42
S157B1	10/11/2016	N	37.27	9.15	46.42
S157B1	10/10/2017	N	38.59	7.83	46.42
S157B1	10/09/2018	N	42.12	7.02	49.14

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APPENDIX B

HISTORICAL GROUNDWATER ANALYTICAL DATA THROUGH 2018

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APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
440S	01/22/1999	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	ND 5	ND 2.5	ND 2.5	9.3	ND 25	ND 2.5	ND 2.5	80	ND 2.5
440S	06/09/1999	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	ND 5	ND 2.5	ND 2.5	11	ND 25	ND 2.5	ND 2.5	56	ND 2.5
440S	09/22/1999	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 1	0.5	ND 0.5	12	ND 5	1.2	ND 0.5	68	ND 0.5
440S	04/03/2000	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	8.4	ND 5	0.9	ND 0.5	56	ND 0.5
440S	10/02/2000	REG	0.6	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.8	11	ND 5	1.1	ND 0.5	59	ND 0.5
440S	04/02/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	8.2	ND 5	0.6	ND 0.5	35	ND 0.5
440S	10/01/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	8.4	ND 5	0.8	ND 0.5	41	ND 0.5
440S	04/16/2002	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	13	ND 5	1	ND 0.5	45	ND 0.5
440S	10/04/2002	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	13	ND 5	1.1	ND 0.5	46	ND 0.5
440S	04/09/2003	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	14	ND 5	0.8	ND 0.5	44	ND 0.5
440S	10/16/2003	REG	0.9	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	17	ND 5	1	ND 0.5	50	ND 0.5
440S	04/26/2004	REG	0.6	ND 5	0.6	ND 0.5	ND 0.5	ND 0.5	ND 0.5	16	ND 5	0.8	ND 0.5	52	ND 0.5
440S	10/13/2004	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	15	ND 5	0.8	ND 0.5	38	ND 0.5
440S	04/04/2005	REG	0.6	ND 5	0.6	ND 0.5	ND 0.5	ND 0.5	ND 0.5	20	ND 5	1.1	ND 0.5	52	ND 0.5
440S	11/02/2005	REG	1	5.9	1	ND 0.5	ND 0.5	ND 0.5	ND 0.5	27	ND 5	1.2	ND 0.5	85	1
440S	06/26/2006	REG	0.9	6.6	0.8	ND 0.5	ND 0.5	ND 0.5	ND 0.5	27	ND 5	1.2	ND 0.5	73	ND 0.5
440S	11/01/2006	REG	0.7	6.3	0.6	0.5	0.9	ND 0.5	ND 0.5	36	ND 5	1.4	ND 0.5	72	1
440S	05/01/2007	REG	0.7	9.5	0.7	ND 0.5	ND 0.5	ND 0.5	ND 0.5	20	ND 5	1.3	ND 0.5	66	ND 0.5
440S	07/03/2007	REG	0.8	8.8	0.6	ND 0.5	ND 0.5	ND 0.5	ND 0.5	21	ND 5	1.4	ND 0.5	56	ND 0.5
440S	10/21/2008	REG	0.8	11	0.9	ND 0.5	0.6	ND 0.5	ND 0.5	38	ND 5.0	1.8	ND 0.5	88	ND 0.5
440S	05/21/2009	REG	0.8	6.6	0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	18	ND 5.0	1	ND 0.5	55	ND 0.5
440S	11/06/2009	REG	0.8	6.2	0.7	ND 0.5	ND 0.5	ND 0.5	ND 0.5	23	ND 20	0.8	ND 0.5	53	ND 0.5
440S	05/06/2010	REG	0.6	8.1	0.7	ND 0.5	ND 0.5	ND 0.5	ND 0.5	30	ND 20	0.8	ND 0.5	64	ND 0.5
440S	11/04/2010	REG	0.6	5.4	0.7	ND 0.5	ND 0.5	ND 0.5	ND 0.5	26	ND 20	0.8	ND 0.5	56	ND 0.5
440S	06/02/2011	REG	0.7	12	0.7	ND 0.5	ND 0.5	ND 0.5	ND 0.5	34	ND 20	1	ND 0.5	87	ND 0.5
440S	11/04/2011	REG	0.5	4.8	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	23	ND 20	0.8	ND 0.5	46	ND 0.5

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
440S	06/11/2012	REG	0.7	11	0.6	ND 0.5	ND 0.5	ND 0.5	ND 0.5	26	ND 20	0.9	ND 0.5	63	ND 0.5
440S	10/24/2012	REG	0.6	7	0.6	ND 0.5	ND 0.5	ND 0.5	ND 0.5	27	ND 20	1.1	ND 0.5	72	ND 0.5
440S	06/19/2013	REG	0.7	5.2	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	18	ND 20	0.8	ND 0.5	43	ND 0.5
440S	11/05/2013	REG	ND 0.5	4.1	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	18	ND 20	1.1	ND 0.5	37	ND 0.5
440S	06/10/2014	REG	0.5	5.9	0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	28	ND 20	0.8	ND 0.5	49	ND 0.5
440S	10/29/2014	REG	0.8	6.7	0.7	ND 0.5	ND 0.5	ND 0.5	ND 0.5	27	ND 20	0.9	ND 0.5	42	ND 0.5
440S	05/21/2015	REG	ND 0.5	3.1	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	21	ND 20	0.7	ND 0.5	38	ND 0.5
440S	10/20/2015	REG	ND 0.5	2.7	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	23	ND 20	0.9	ND 0.5	36	ND 0.5
440S	05/25/2016	REG	ND 0.5	4.2	0.6	ND 0.5	ND 0.5	ND 0.5	ND 0.5	24	ND 20	0.9	ND 0.5	40	ND 0.5
440S	10/11/2016	REG	ND 0.5	2.3	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	22	ND 20	0.8	ND 0.5	34	ND 0.5
440S	05/23/2017	REG	ND 0.5	3.9	0.6	ND 0.5	ND 0.5	ND 0.5	ND 0.5	36	ND 20	0.9	0.5	64	ND 0.5
440S	10/13/2017	REG	ND 0.5	4.1	0.7	ND 0.5	ND 0.5	ND 0.5	ND 0.5	37	ND 20	0.9	ND 0.5	59	ND 0.5
440S	05/24/2018	REG	ND 0.5	2.9	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	28	ND 20	ND 0.5	ND 0.5	51	ND 0.5
440S	10/09/2018	REG	ND 0.5	3.4	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	31	ND 20	0.7	ND 0.5	55	ND 0.5
440T	01/22/1999	REG	ND 100	ND 100	ND 100	ND 100	ND 200	ND 100	ND 100	280	ND 1000	ND 100	ND 100	2600	ND 100
440T	06/09/1999	REG	ND 100	ND 100	ND 100	ND 100	ND 200	ND 100	ND 100	400	ND 1000	ND 100	ND 100	2300	ND 100
440T	09/22/1999	REG	ND 5	96	ND 5	ND 5	ND 10	ND 5	ND 5	290	ND 50	ND 5	ND 5	2000	ND 5
440T	04/03/2000	REG	ND 1	ND 10	ND 1	ND 1	ND 1	ND 1	ND 1	51	ND 10	2.3	2.2	280	ND 1
440T	10/02/2000	REG	ND 6.3	83	ND 6.3	ND 6.3	ND 6.3	ND 6.3	ND 6.3	320	ND 63	8.4	ND 6.3	2000	ND 6.3
440T	04/02/2001	REG	ND 7.1	86	ND 7.1	ND 7.1	ND 7.1	ND 7.1	ND 7.1	320	ND 71	7.2	9.3	1800	ND 7.1
440T	10/01/2001	REG	ND 7.1	ND 71	ND 7.1	ND 7.1	ND 7.1	ND 7.1	ND 7.1	250	ND 71	ND 7.1	9.9	1500	ND 7.1
440T	04/16/2002	REG	ND 5	83	ND 5	ND 5	ND 5	ND 5	ND 5	240	ND 50	9.5	27	1600	ND 5
440T	10/03/2002	REG	2	24	0.9	ND 0.8	ND 0.8	ND 0.8	ND 0.8	62	ND 8.3	2.7	5.7	260	ND 0.8
440T	04/08/2003	REG	ND 2	47	ND 2	2.4	ND 2	ND 2	3.1	210	ND 20	5.6	2.6	640	ND 2
440T	10/17/2003	REG	1.4	37	ND 0.5	1.5	0.8	ND 0.5	0.5	310	ND 5	9.7	1.9	820	2
440T	04/26/2004	REG	1.5	74	4.6	2.8	1.9	ND 0.7	ND 0.7	570	ND 7.1	6.1	2.3	1100	0.8

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
440T	10/14/2004	REG	ND 8.3	ND 83	ND 8.3	ND 8.3	ND 8.3	ND 8.3	ND 8.3	430	ND 83	8.9	27	920	ND 8.3
440T	04/04/2005	REG	ND 4.2	79	ND 4.2	ND 4.2	ND 4.2	ND 4.2	ND 4.2	490	ND 42	7.1	8	830	ND 4.2
440T	11/02/2005	REG	ND 5	81	ND 5	ND 5	ND 5	ND 5	ND 5	590	ND 50	17	18	920	ND 5
440T	06/21/2006	REG	ND 6.3	92	ND 6.3	ND 6.3	ND 6.3	ND 6.3	ND 6.3	430	ND 63	9.6	ND 6.3	830	ND 6.3
440T	11/01/2006	REG	ND 1.7	ND 17	ND 1.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	84	ND 17	7.2	3	200	ND 1.7
440T	04/30/2007	REG	ND 1.7	98	2.9	2.5	ND 1.7	ND 1.7	ND 1.7	520	ND 17	9.5	4.4	940	3.9
440T	07/09/2007	REG	ND 6.3	83	ND 6.3	ND 6.3	ND 6.3	ND 6.3	ND 6.3	530	ND 63	7.3	13	900	ND 6.3
440T	10/25/2008	REG	ND 1.0	ND 10	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	41	ND 10	13	ND 1.0	140	1.1
440T	05/21/2009	REG	ND 1.0	55	1.6	1.3	1.6	ND 1.0	2.7	340	ND 10	7.3	2.6	850	2.3
440T	11/03/2009	REG	16	280	ND 6.3	ND 6.3	ND 6.3	ND 6.3	ND 6.3	140	ND 250	6.3	ND 6.3	1100	ND 6.3
440T	05/07/2010	REG	ND 6.3	39	ND 6.3	ND 6.3	ND 6.3	ND 6.3	ND 6.3	300	ND 250	ND 6.3	ND 6.3	650	ND 6.3
440T	11/04/2010	REG	ND 2.0	16	ND 2.0	ND 2.0	ND 2.0	ND 2.0	ND 2.0	170	ND 80	9.1	2.7	280	2.8
440T	06/02/2011	REG	ND 2.0	17	ND 2.0	ND 2.0	ND 2.0	ND 2.0	ND 2.0	200	ND 80	6.6	ND 2.0	230	3.6
440T	11/04/2011	REG	ND 2.0	37	ND 2.0	ND 2.0	ND 2.0	ND 2.0	ND 2.0	360	ND 80	6.2	2.9	470	3.4
440T	06/09/2012	REG	ND 1.0	4.8	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	76	ND 40	6.8	2.8	130	ND 1.0
440T	10/24/2012	REG	ND 1.0	7.1	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	60	ND 40	8	1.2	170	ND 1.0
440T	06/19/2013	REG	ND 1.0	28	ND 1.0	1.1	ND 1.0	ND 1.0	ND 1.0	220	ND 40	5.8	3.3	320	ND 1.0
440T	11/06/2013	REG	ND 2.5	39	ND 2.5	ND 2.5	ND 2.5	ND 2.5	ND 2.5	450	ND 100	3.7	5.2	540	ND 2.5
440T	06/09/2014	REG	ND 3.6	37	ND 3.6	ND 3.6	ND 3.6	ND 3.6	ND 3.6	330	ND 140	ND 3.6	ND 3.6	500	ND 3.6
440T	10/30/2014	REG	ND 3.6	50	ND 3.6	ND 3.6	ND 3.6	ND 3.6	ND 3.6	400	ND 140	4.2	4.7	560	ND 3.6
440T	05/21/2015	REG	ND 3.6	28	ND 3.6	ND 3.6	ND 3.6	ND 3.6	ND 3.6	370	ND 140	4.7	ND 3.6	540	ND 3.6
440T	10/16/2015	REG	ND 3.6	33	ND 3.6	ND 3.6	ND 3.6	ND 3.6	ND 3.6	410	ND 140	4.5	6.2	600	ND 3.6
440T	05/26/2016	REG	ND 3.6	17	ND 3.6	ND 3.6	ND 3.6	ND 3.6	ND 3.6	310	ND 140	ND 3.6	18	400	ND 3.6
440T	10/13/2016	REG	ND 1.0	5.4	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	87	ND 40	9	1	150	ND 1.0
440T	05/23/2017	REG	ND 1.0	5.7	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	94	ND 40	4.3	ND 1.0	190	ND 1.0
440T	10/13/2017	REG	ND 2.5	11	ND 2.5	ND 2.5	ND 2.5	ND 2.5	ND 2.5	200	ND 100	4.5	ND 2.5	270	ND 2.5

Notes:
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APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
440T	05/24/2018	REG	ND 1.0	7.7	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	140	ND 40	4.3	2.5	150	5.2
440T	10/09/2018	REG	ND 1.0	12	1.2	ND 1.0	ND 1.0	ND 1.0	ND 1.0	310	ND 40	3.3	2.4	310	1.9
811AB	01/22/1999	REG	2000	8300	ND 1000	ND 1000	ND 2000	ND 1000	ND 1000	ND 1000	ND 10000	ND 1000	ND 1000	46000	ND 1000
811NS	01/22/1999	REG	ND 5	ND 5	ND 5	ND 5	ND 10	ND 5	ND 5	43	ND 50	ND 5	ND 5	130	ND 5
811NS	06/09/1999	REG	ND 5	8	ND 5	ND 5	ND 10	ND 5	ND 5	68	ND 50	ND 5	ND 5	130	ND 5
811NS	09/27/1999	REG	1.1	14	ND 0.5	ND 0.5	ND 1	0.6	1.2	77	ND 5	2.3	ND 0.5	150	ND 0.5
811NS	04/03/2000	REG	0.7	15	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	59	ND 5	2	0.8	140	ND 0.5
811NS	10/02/2000	REG	0.8	8.7	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	62	ND 5	1.7	0.6	130	ND 0.5
811NS	04/02/2001	REG	0.6	37	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	59	ND 5	1.3	ND 0.5	120	ND 0.5
811NS	10/01/2001	REG	0.7	34	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	59	ND 5	1.8	0.6	120	ND 0.5
811NS	04/16/2002	REG	0.8	60	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	51	ND 5	1.9	ND 0.5	150	ND 0.5
811NS	10/04/2002	REG	ND 0.5	65	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	56	ND 5	1.8	0.6	120	ND 0.5
811NS	04/09/2003	REG	0.6	86	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	55	ND 5	1.8	0.9	140	ND 0.5
811NS	10/16/2003	REG	1	48	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	63	ND 5	1.9	1.7	140	ND 0.5
811NS	04/26/2004	REG	0.6	64	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	63	ND 5	1.4	1.6	120	ND 0.5
811NS	10/15/2004	REG	ND 1	45	ND 1	ND 1	ND 1	ND 1	ND 1	51	ND 10	1.3	1.4	100	ND 1
811T	01/22/1999	REG	ND 100	ND 100	ND 100	ND 100	ND 200	ND 100	ND 100	760	ND 1000	ND 100	ND 100	850	ND 100
811T	06/09/1999	REG	ND 25	ND 25	ND 25	ND 25	ND 50	ND 25	ND 25	370	ND 250	ND 25	ND 25	470	ND 25
811T	09/23/1999	REG	ND 0.5	ND 0.5	ND 0.5	2.3	ND 1	ND 0.5	ND 0.5	1600	ND 5	1.3	6.3	930	4
811T	04/03/2000	REG	ND 5	ND 50	ND 5	ND 5	ND 5	ND 5	ND 5	1800	ND 50	ND 5	91	840	ND 5
811T	10/02/2000	REG	ND 6.3	ND 63	ND 6.3	ND 6.3	ND 6.3	ND 6.3	ND 6.3	2100	ND 63	ND 6.3	190	610	ND 6.3
811T	04/02/2001	REG	ND 6.3	ND 63	ND 6.3	ND 6.3	ND 6.3	ND 6.3	ND 6.3	1400	ND 63	ND 6.3	6.5	740	22
811T	10/02/2001	REG	ND 5	ND 50	ND 5	ND 5	ND 5	ND 5	ND 5	1300	ND 50	ND 5	62	1100	32
811T	04/16/2002	REG	ND 5	ND 50	ND 5	ND 5	ND 5	ND 5	ND 5	1300	ND 50	ND 5	61	1500	14
811T	10/04/2002	REG	ND 5	ND 50	ND 5	ND 5	ND 5	ND 5	ND 5	1700	ND 50	ND 5	150	820	21
811T	04/09/2003	REG	ND 5	ND 50	ND 5	ND 5	ND 5	ND 5	ND 5	1200	ND 50	ND 5	6.9	740	ND 5

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
811T	10/15/2003	REG	ND 2.5	ND 25	ND 2.5	ND 2.5	ND 2.5	ND 2.5	ND 2.5	620	ND 25	ND 2.5	13	730	31
811T	04/27/2004	REG	ND 4.2	ND 42	ND 4.2	4.8	ND 4.2	ND 4.2	ND 4.2	1600	ND 42	ND 4.2	24	440	93
811T	10/15/2004	REG	ND 7.1	ND 71	ND 7.1	ND 7.1	ND 7.1	ND 7.1	ND 7.1	1100	ND 71	ND 7.1	52	790	89
811T	04/04/2005	REG	ND 7.1	ND 71	ND 7.1	ND 7.1	ND 7.1	ND 7.1	ND 7.1	920	ND 71	ND 7.1	16	570	51
811T	06/21/2006	REG	ND 2	ND 20	5.7	ND 2	ND 2	ND 2	ND 2	300	ND 20	ND 2	4.7	390	17
811T	11/02/2006	REG	ND 2.5	ND 25	4	ND 2.5	ND 2.5	ND 2.5	ND 2.5	340	ND 25	ND 2.5	3	490	5.9
811T	05/01/2007	REG	ND 2.5	ND 25	5.5	ND 2.5	ND 2.5	ND 2.5	ND 2.5	710	ND 25	ND 2.5	19	610	12
811T	07/03/2007	REG	ND 4.2	ND 42	4.7	ND 4.2	ND 4.2	ND 4.2	ND 4.2	380	ND 42	ND 4.2	6	800	6.5
811T	10/18/2008	REG	ND 5.0	ND 50	13	ND 5.0	ND 5.0	ND 5.0	ND 5.0	590	ND 50	ND 5.0	9	1100	41
811T	05/22/2009	REG	ND 7.1	ND 71	7.3	ND 7.1	ND 7.1	ND 7.1	ND 7.1	490	ND 71	ND 7.1	12	890	25
811T	11/06/2009	REG	ND 7.1	ND 29	9	ND 7.1	ND 7.1	ND 7.1	ND 7.1	540	ND 290	ND 7.1	ND 7.1	830	20
811T	05/06/2010	REG	ND 7.1	ND 29	ND 7.1	ND 7.1	ND 7.1	ND 7.1	ND 7.1	490	ND 290	ND 7.1	ND 7.1	780	10
811T	11/02/2010	REG	ND 5.0	ND 20	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	380	ND 200	ND 5.0	ND 5.0	640	14
811T	06/01/2011	REG	ND 4.2	18	ND 4.2	ND 4.2	ND 4.2	ND 4.2	ND 4.2	230	ND 170	ND 4.2	6.1	500	ND 4.2
811T	11/10/2011	REG	ND 3.6	29	3.8	ND 3.6	ND 3.6	ND 3.6	ND 3.6	230	ND 140	ND 3.6	ND 3.6	660	5.2
811T	06/14/2012	REG	ND 3.6	36	ND 3.6	ND 3.6	ND 3.6	ND 3.6	ND 3.6	160	ND 140	ND 3.6	ND 3.6	560	ND 3.6
811T	10/23/2012	REG	ND 3.6	38	ND 3.6	ND 3.6	ND 3.6	ND 3.6	ND 3.6	350	ND 140	ND 3.6	10	500	20
811T	06/18/2013	REG	ND 3.1	15	4	ND 3.1	ND 3.1	ND 3.1	ND 3.1	380	ND 130	ND 3.1	8.9	480	ND 3.1
811T	11/05/2013	REG	ND 3.6	26	3.7	ND 3.6	ND 3.6	ND 3.6	ND 3.6	210	ND 140	ND 3.6	5.4	570	ND 3.6
811T	06/10/2014	REG	ND 3.6	ND 14	4.7	ND 3.6	ND 3.6	ND 3.6	ND 3.6	580	ND 140	ND 3.6	7.4	460	ND 3.6
811T	10/29/2014	REG	ND 3.6	38	5.9	ND 3.6	ND 3.6	ND 3.6	ND 3.6	590	ND 140	ND 3.6	7.4	540	ND 3.6
811T	05/21/2015	REG	ND 3.6	ND 14	3.8	ND 3.6	ND 3.6	ND 3.6	ND 3.6	420	ND 140	ND 3.6	5	630	ND 3.6
811T	10/20/2015	REG	ND 3.6	ND 14	5.1	ND 3.6	ND 3.6	ND 3.6	ND 3.6	620	ND 140	ND 3.6	14	400	ND 3.6
811T	05/25/2016	REG	ND 3.6	ND 14	5	ND 3.6	ND 3.6	ND 3.6	ND 3.6	540	ND 140	ND 3.6	21	540	ND 3.6
811T	10/11/2016	REG	ND 3.6	ND 14	ND 3.6	ND 3.6	ND 3.6	ND 3.6	ND 3.6	540	ND 140	ND 3.6	5	430	ND 3.6
811T	05/22/2018	REG	ND 2.0	18	8.3	ND 2.0	ND 2.0	ND 2.0	ND 2.0	260	ND 80	ND 2.0	3.5	330	33

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
811T	10/04/2018	REG	ND 2.0	14	6.5	ND 2.0	ND 2.0	ND 2.0	ND 2.0	300	ND 80	ND 2.0	3.2	310	15
811WS	01/22/1999	REG	ND 5	11	ND 5	ND 5	ND 10	ND 5	ND 5	18	ND 50	ND 5	ND 5	180	ND 5
811WS	06/09/1999	REG	ND 5	10	ND 5	ND 5	ND 10	ND 5	ND 5	24	ND 50	ND 5	ND 5	150	ND 5
811WS	09/27/1999	REG	ND 0.5	25	ND 0.5	2.1	ND 1	ND 0.5	ND 0.5	72	ND 5	4.5	ND 0.5	320	ND 0.5
811WS	04/03/2000	REG	1.5	21	6.6	3.6	ND 0.5	ND 0.5	ND 0.5	24	ND 5	4.7	ND 0.5	200	ND 0.5
815A	01/22/1999	REG	ND 25	ND 25	ND 25	ND 25	ND 50	ND 25	ND 25	ND 25	ND 250	ND 25	ND 25	360	ND 25
815A	01/22/1999	REG	ND 25	ND 25	ND 25	ND 25	ND 50	ND 25	ND 25	ND 25	ND 250	ND 25	ND 25	360	ND 25
815B	01/22/1999	REG	ND 500	ND 500	ND 500	ND 500	ND 1000	ND 500	ND 500	ND 500	ND 5000	ND 500	ND 500	8500	ND 500
815B	01/22/1999	REG	ND 500	ND 500	ND 500	ND 500	ND 1000	ND 500	ND 500	ND 500	ND 5000	ND 500	ND 500	8500	ND 500
S001A	03/16/1982	REG	ND 1	NT	ND 1	ND 1	NT	ND 1	ND 1	ND 1	NT	ND 1	NT	ND 1	ND 1
S001A	04/14/1983	REG	ND 1	NT	NT	NT	NT	NT	NT	NT	NT	ND 1	NT	ND 1	NT
S001A	03/10/1986	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 1
S001A	09/10/1986	REG	0.5	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	ND 0.1	NT
S001A	03/10/1987	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	NT	NT	ND 0.5	NT	ND 0.5	ND 0.5
S001A	02/02/1988	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S001A	02/06/1989	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S001A	01/24/1990	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S001A	01/08/1991	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S001A	01/08/1992	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S001A	01/06/1993	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S001A	01/18/1994	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S001A	01/04/1995	REG	ND 0.5	ND 1	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 1
S001A	01/03/1996	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S001A	01/28/1997	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S001A	10/14/1997	REG	ND 1	ND 2	ND 0.5	ND 2	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S001A	06/25/1998	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S001A	06/10/1999	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S001A	10/28/1999	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 1	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S001A	04/04/2000	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S001A	10/24/2000	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S001A	04/23/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S001A	10/25/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S001A	10/18/2002	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S001A	10/15/2003	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S001A	10/08/2004	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S001A	11/03/2005	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S001A	11/09/2006	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S001A	07/12/2007	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	0.6	ND 0.5
S001A	10/17/2008	REG	ND 0.5	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 0.5	ND 0.5	0.9	ND 0.5
S001A	10/19/2009	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S001A	10/16/2010	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S001A	11/14/2011	REG	ND 0.5	ND 3.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S001A	10/31/2012	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	1	ND 0.5
S001A	11/13/2013	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	2.1	ND 0.5
S001A	11/07/2014	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	0.7	ND 0.5
S001A	11/24/2015	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S001A	11/11/2016	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	0.8	ND 0.5
S001A	10/19/2017	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	4.1	ND 0.5
S001A	11/14/2018	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	4.1	ND 0.5
S001B1	03/16/1982	REG	16	NT	ND 1	ND 1	NT	ND 1	ND 1	ND 1	NT	1	NT	5	ND 1
S001B1	04/14/1983	REG	2	NT	NT	NT	NT	NT	NT	NT	NT	ND 1	NT	16	NT
S001B1	03/10/1986	REG	2.3	5.1	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	1.4	ND 1

Notes:
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S001B1	09/10/1986	REG	2.2	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	0.91	NT
S001B1	03/13/1987	REG	6.4	16	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	NT	NT	ND 0.5	NT	73	ND 0.5
S001B1	02/10/1988	REG	1.6	2.7	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	1.8	ND 0.5
S001B1	02/18/1989	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	77	ND 2.5
S001B1	01/24/1990	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	59	ND 2.5
S001B1	01/08/1991	REG	ND 1.25	1.3	ND 1.25	ND 1.25	NT	ND 1.25	ND 1.25	ND 1.25	NT	ND 1.25	NT	67	ND 2.5
S001B1	01/09/1992	REG	ND 1.3	6	ND 1.3	ND 1.3	NT	ND 1.3	ND 1.3	ND 1.3	NT	ND 1.3	NT	78	ND 1.3
S001B1	01/08/1993	REG	ND 0.5	2.3	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	16	ND 0.5
S001B1	01/18/1994	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	57	ND 5
S001B1	01/05/1995	REG	0.5	1.9	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	1.2	NT	ND 0.5	NT	7.3	ND 1
S001B1	01/05/1996	REG	0.6	1.2	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	3.6	ND 0.5
S001B1	01/28/1997	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	0.6	NT	ND 0.5	NT	2.3	ND 0.5
S001B1	10/21/1997	REG	1	9	ND 0.5	ND 2	NT	ND 0.5	ND 0.5	0.5	NT	ND 0.5	NT	3.5	ND 0.5
S001B1	06/25/1998	REG	ND 0.5	0.9	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	1.1	NT	ND 0.5	NT	5.1	ND 0.5
S001B1	06/11/1999	REG	0.5	0.9	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	0.9	NT	ND 0.5	NT	6.7	ND 0.5
S001B1	11/11/1999	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 1	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	8.1	ND 0.5
S001B1	04/17/2000	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.7	ND 5	ND 0.5	ND 0.5	5.5	ND 0.5
S001B1	10/23/2000	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	2.4	ND 0.5
S001B1	04/19/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	3.2	ND 0.5
S001B1	10/20/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	2.9	ND 0.5
S001B1	10/19/2002	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.6	ND 5	ND 0.5	ND 0.5	8.6	ND 0.5
S001B1	10/21/2003	REG	0.7	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	4.8	ND 0.5
S001B1	10/07/2004	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	3.5	ND 0.5
S001B1	11/03/2005	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	1.1	ND 0.5
S001B1	11/03/2006	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	0.8	ND 0.5
S001B1	07/23/2007	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	3.3	ND 0.5	ND 5	ND 0.5	ND 0.5	1.2	ND 0.5

Notes:
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J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S001B1	10/22/2008	REG	ND 0.5	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 0.5	ND 0.5	7.3	ND 0.5
S001B1	10/28/2009	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	1.7	ND 0.5
S001B1	10/25/2010	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	2.4	ND 0.5
S001B1	12/01/2011	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	1.1	ND 0.5
S001B1	11/06/2012	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	2.2	ND 0.5
S001B1	11/15/2013	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	2.3	ND 0.5
S001B1	11/12/2014	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	2.3	ND 0.5
S001B1	11/30/2015	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	1.6	ND 0.5
S001B1	11/17/2016	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	0.8	ND 0.5
S001B1	10/25/2017	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	2.8	ND 0.5
S001B1	11/14/2018	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	2	ND 0.5
S002A	03/18/1982	REG	34000	ND 200	290	ND 200	NT	ND 200	ND 200	ND 200	NT	3000	NT	700	ND 200
S002B1	03/18/1982	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	1500	NT	8600	NT	ND 100	ND 100
S003A	03/22/1982	REG	4700	NT	ND 50	70	NT	ND 50	ND 50	160	NT	520	NT	1600	ND 50
S003A	04/14/1983	REG	1700	NT	NT	NT	NT	NT	NT	NT	NT	84	NT	900	NT
S003A	08/08/1983	REG	59	NT	NT	NT	NT	NT	NT	NT	NT	21	NT	460	NT
S003A	09/01/1983	REG	30	NT	NT	NT	NT	NT	NT	NT	NT	17	NT	620	NT
S003A	09/12/1983	REG	53	NT	NT	NT	NT	NT	NT	NT	NT	24	NT	460	NT
S003A	10/20/1983	REG	26	NT	NT	NT	NT	NT	NT	NT	NT	16	NT	750	NT
S003A	11/30/1983	REG	39	NT	NT	NT	NT	NT	NT	NT	NT	19	NT	380	NT
S003A	02/13/1986	REG	2.6	NT	NT	NT	NT	NT	NT	NT	NT	3.3	NT	340	NT
S003A	03/12/1986	REG	7.7	ND 5	ND 5	6.4	NT	ND 5	ND 5	92	NT	ND 5	NT	370	ND 10
S003A	05/28/1986	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	190	NT	ND 10	NT	670	ND 20
S003A	09/13/1986	FD	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	78	NT	ND 10	NT	510	ND 20
S003A	09/13/1986	REG	2.6	NT	NT	NT	NT	NT	NT	NT	NT	3.1	NT	560	NT
S003A	12/22/1986	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	150	NT	ND 10	NT	600	ND 20

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S003A	03/12/1987	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	NT	NT	ND 5	NT	240	ND 5
S003A	06/19/1987	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	41	NT	ND 5	NT	220	ND 5
S003A	09/24/1987	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	96	NT	ND 5	NT	660	ND 5
S003A	12/02/1987	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	120	NT	ND 10	NT	650	ND 10
S003A	02/10/1988	REG	ND 1	ND 1	ND 1	ND 1	NT	ND 1	ND 1	12	NT	ND 1	NT	57	ND 1
S003A	04/25/1988	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	99	NT	ND 10	NT	370	ND 10
S003A	07/27/1988	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	95	NT	ND 10	NT	440	ND 10
S003A	10/21/1988	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	74	NT	ND 10	NT	490	ND 10
S003A	02/09/1989	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	250	NT	ND 25	NT	1100	ND 25
S003A	04/12/1989	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	200	NT	ND 25	NT	860	ND 25
S003A	08/02/1989	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	120	NT	ND 25	NT	1000	ND 25
S003A	10/10/1989	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	77	NT	ND 25	NT	580	ND 25
S003A	01/29/1990	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	190	NT	ND 50	NT	1100	ND 50
S003A	04/12/1990	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	120	NT	ND 25	NT	380	ND 25
S003A	07/11/1990	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	400	ND 25
S003A	10/10/1990	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	11	NT	ND 10	NT	340	ND 20
S003A	01/10/1991	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	15	NT	ND 10	NT	240	ND 10
S003A	04/11/1991	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	45	NT	3.6	NT	460	ND 2.5
S003A	07/11/1991	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	18	NT	ND 10	NT	390	ND 10
S003A	10/09/1991	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	220	ND 10
S003A	01/07/1992	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	6.7	NT	ND 2.5	NT	230	ND 2.5
S003A	04/07/1992	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	6.5	NT	ND 5	NT	150	ND 5
S003A	07/08/1992	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	79	NT	2.9	NT	410	ND 2.5
S003A	01/07/1993	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	43	NT	ND 10	NT	350	ND 10
S003A	07/13/1993	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	64	ND 5
S003A	01/17/1994	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	32	NT	ND 5	NT	200	ND 5

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S003A	07/19/1994	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	7.3	NT	ND 5	NT	100	ND 5
S003A	01/05/1995	REG	ND 5	ND 10	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	56	ND 10
S003A	07/11/1995	REG	ND 0.5	ND 1	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 1
S003A	10/26/1995	REG	0.9	1.2	ND 0.5	ND 0.5	NT	ND 0.5	0.7	1.7	NT	1.2	NT	41	ND 0.5
S003A	01/05/1996	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	18	NT	ND 0.5	NT	150	ND 0.5
S003A	07/09/1996	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	13	NT	ND 2.5	NT	99	ND 2.5
S003A	01/30/1997	REG	ND 1	ND 1	ND 1	ND 1	NT	ND 1	ND 1	9	NT	ND 1	NT	50	ND 1
S003A	07/23/1997	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	61	NT	ND 5	NT	200	ND 5
S003A	10/21/1997	REG	ND 1	ND 2	1.1	ND 2	NT	ND 0.5	ND 0.5	38	NT	0.6	NT	120	ND 0.5
S003A	06/29/1998	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	55	NT	ND 25	NT	150	ND 25
S003A	12/21/1998	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	93	NT	ND 5	NT	170	ND 5
S003A	06/15/1999	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	21	NT	ND 5	NT	120	ND 5
S003A	11/05/1999	REG	ND 0.5	ND 0.5	1.1	ND 0.5	ND 1	ND 0.5	ND 0.5	63	ND 5	1	1.4	110	ND 0.5
S003A	04/04/2000	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	6.6	ND 5	ND 0.5	ND 0.5	36	ND 0.5
S003A	10/23/2000	REG	ND 0.5	ND 5	0.7	0.6	0.7	ND 0.5	ND 0.5	42	ND 5	ND 0.5	1.1	87	ND 0.5
S003A	04/19/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	15	ND 5	ND 0.5	ND 0.5	39	ND 0.5
S003A	10/23/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	6.9	ND 5	ND 0.5	ND 0.5	28	ND 0.5
S003A	10/18/2002	REG	ND 0.5	ND 5	0.6	ND 0.5	ND 0.5	ND 0.5	ND 0.5	27	ND 5	ND 0.5	0.6	41	ND 0.5
S003A	10/15/2003	REG	ND 0.5	ND 5	0.7	ND 0.5	ND 0.5	ND 0.5	ND 0.5	24	ND 5	ND 0.5	0.5	28	ND 0.5
S003A	10/07/2004	REG	ND 0.5	ND 5	0.8	ND 0.5	ND 0.5	ND 0.5	ND 0.5	28	ND 5	ND 0.5	0.7	29	ND 0.5
S003A	11/09/2005	REG	ND 0.5	ND 5	1.2	ND 0.5	ND 0.5	ND 0.5	ND 0.5	39	ND 5	ND 0.5	0.9	22	ND 0.5
S003A	11/03/2006	REG	ND 0.5	ND 5	0.8	ND 0.5	ND 0.5	ND 0.5	ND 0.5	32	ND 5	ND 0.5	0.6	18	ND 0.5
S003A	07/12/2007	REG	ND 0.5	ND 5	1.3	ND 0.5	ND 0.5	ND 0.5	ND 0.5	46	ND 5	ND 0.5	0.9	19	ND 0.5
S003A	10/17/2008	REG	ND 0.5	ND 5.0	1.8	ND 0.5	ND 0.5	ND 0.5	ND 0.5	80	ND 5.0	ND 0.5	1.8	14	ND 0.5
S003A	10/19/2009	REG	ND 0.5	ND 2.0	1.4	ND 0.5	ND 0.5	ND 0.5	ND 0.5	52	ND 20	ND 0.5	1.1	13	ND 0.5
S003A	10/16/2010	REG	ND 0.5	ND 2.0	1.9	ND 0.5	ND 0.5	ND 0.5	ND 0.5	65	ND 20	ND 0.5	1.4	13	0.7

Notes:
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APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S003A	11/14/2011	REG	ND 0.5	ND 3.0	1.8	ND 0.5	ND 0.5	ND 0.5	ND 0.5	49	ND 20	ND 0.5	0.9	13	0.8
S003A	10/31/2012	REG	ND 0.5	ND 2.0	1.3	ND 0.5	ND 0.5	ND 0.5	ND 0.5	21	ND 20	ND 0.5	ND 0.5	12	ND 0.5
S003A	11/13/2013	REG	ND 0.5	ND 2.0	1.3	ND 0.5	ND 0.5	ND 0.5	ND 0.5	18	ND 20	ND 0.5	ND 0.5	12	ND 0.5
S003A	11/07/2014	REG	ND 0.5	ND 2.0	2	ND 0.5	ND 0.5	ND 0.5	ND 0.5	31	ND 20	ND 0.5	0.6	14	0.9
S003A	11/24/2015	REG	ND 0.5	ND 2.0	1.9	ND 0.5	ND 0.5	ND 0.5	ND 0.5	36	ND 20	ND 0.5	0.6	13	0.7
S003A	11/11/2016	REG	ND 0.5	ND 2.0	1.7	ND 0.5	ND 0.5	ND 0.5	ND 0.5	39	ND 20	ND 0.5	0.7	13	1
S003A	10/19/2017	REG	ND 0.5	ND 2.0	2.4	ND 0.5	ND 0.5	ND 0.5	ND 0.5	46	ND 20	ND 0.5	0.9	15	1
S003A	11/14/2018	REG	ND 0.5	ND 0.5	3.8	0.573	ND 0.5	ND 0.5	ND 0.5	87	ND 0.5	ND 0.5	1.7	14	3
S003B1	03/22/1982	REG	1300	NT	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	160	NT	340	ND 100
S003B1	04/15/1983	REG	1	NT	NT	NT	NT	NT	NT	NT	NT	2	NT	8	NT
S003B1	08/08/1983	REG	1.2	NT	NT	NT	NT	NT	NT	NT	NT	0.9	NT	4.1	NT
S003B1	09/21/1983	REG	0.9	NT	NT	NT	NT	NT	NT	NT	NT	1	NT	36	NT
S003B1	10/20/1983	REG	0.6	NT	NT	NT	NT	NT	NT	NT	NT	0.8	NT	6.2	NT
S003B1	11/30/1983	REG	1.5	NT	NT	NT	NT	NT	NT	NT	NT	1.5	NT	7.4	NT
S003B1	02/13/1986	REG	ND 0.2	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.2	NT	ND 0.2	NT
S003B1	03/10/1986	REG	ND 0.5	0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	2.9	NT	ND 0.5	NT	1.3	ND 1
S003B1	07/09/1986	REG	ND 0.5	1.8	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	0.7	NT	ND 0.5	NT	5.8	ND 1
S003B1	09/10/1986	FD	0.11	NT	NT	NT	NT	NT	NT	NT	NT	0.24	NT	2.1	NT
S003B1	09/10/1986	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 1
S003B1	12/11/1986	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	4.1	NT	ND 0.5	NT	2.1	ND 1
S003B1	03/13/1987	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	NT	NT	ND 0.5	NT	ND 0.5	ND 0.5
S003B1	02/02/1988	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S003B1	02/06/1989	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	4.6	ND 0.5
S003B1	01/24/1990	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	3	NT	ND 0.5	NT	4.9	ND 0.5
S003B1	01/08/1991	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	1.4	NT	ND 0.5	NT	4.3	ND 0.5
S003B1	01/09/1992	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	3.9	ND 0.5

Notes:
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APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S003B1	01/05/1993	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	0.5	NT	ND 0.5	NT	2.7	ND 0.5
S003B1	01/17/1994	REG	ND 0.5	0.6	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	0.5	NT	ND 0.5	NT	3.1	ND 0.5
S003B1	01/04/1995	REG	ND 0.5	ND 1	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	2	ND 1
S003B1	01/04/1996	REG	ND 0.5	0.6	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	2.1	ND 0.5
S003B1	01/27/1997	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	1.4	ND 0.5
S003B1	10/21/1997	REG	ND 5	ND 10	ND 2.5	ND 10	NT	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	12	ND 2.5
S003B1	06/29/1998	REG	ND 0.5	0.8	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	1.3	ND 0.5
S003B1	06/11/1999	REG	ND 0.5	1.7	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	2.1	ND 0.5
S003B1	11/10/1999	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 1	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	1.7	ND 0.5
S003B1	04/15/2000	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	3.9	ND 0.5
S003B1	10/24/2000	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	0.8	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	1.5	ND 0.5
S003B1	04/20/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	1.9	ND 0.5
S003B1	10/23/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	2.1	ND 0.5
S003B1	10/19/2002	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	0.5	ND 0.5	ND 0.5	0.5	ND 5	ND 0.5	ND 0.5	1.6	ND 0.5
S003B1	10/22/2003	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.5	ND 5	ND 0.5	ND 0.5	1.9	ND 0.5
S003B1	10/08/2004	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	1.6	ND 0.5
S003B1	11/04/2005	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	0.5	ND 0.5	ND 0.5	2.7	ND 5	ND 0.5	ND 0.5	1.5	ND 0.5
S003B1	11/07/2006	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	1.6	ND 0.5
S003B1	07/24/2007	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.5	ND 5	ND 0.5	ND 0.5	1.7	ND 0.5
S003B1	10/22/2008	REG	ND 0.5	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 0.5	ND 0.5	0.8	ND 0.5
S003B1	10/28/2009	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	0.7	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	1.4	ND 0.5
S003B1	10/25/2010	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	1.4	ND 0.5
S003B1	12/01/2011	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	0.8	ND 0.5
S003B1	11/06/2012	FD	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	0.8	ND 0.5
S003B1	11/06/2012	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	0.8	ND 0.5
S003B1	11/15/2013	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	0.9	ND 0.5

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S003B1	11/12/2014	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	0.9	ND 0.5
S003B1	11/30/2015	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	1	ND 0.5
S003B1	11/17/2016	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	0.9	ND 0.5
S003B1	10/25/2017	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	0.9	ND 0.5
S003B1	11/14/2018	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.420 J	ND 0.5	ND 0.5	0.953	ND 0.5	ND 0.5	ND 0.5	1.2	ND 0.5
S003B3	04/20/1982	REG	ND 1	NT	ND 1	ND 1	NT	ND 1	9	ND 1	NT	1	NT	1	NT
S003B3	05/20/1982	REG	ND 1	NT	ND 1	ND 1	NT	ND 1	7	ND 1	NT	1	NT	1	NT
S003B3	08/31/1983	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	0.2	NT	1.2	NT
S003B3	04/04/1984	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	0.4	NT
S003B3	06/29/1984	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	ND 0.1	NT
S003B3	10/02/1984	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	ND 0.1	NT
S003B3	03/14/1986	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 1
S003B3	06/06/1986	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 1
S003B3	10/01/1986	FD	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	ND 0.1	NT
S003B3	10/01/1986	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 1
S003B3	03/10/1987	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	NT	NT	ND 0.5	NT	ND 0.5	ND 0.5
S003B3	02/16/1988	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S003B3	02/23/1989	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S003B3	01/30/1990	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S003B3	01/10/1991	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S003B3	01/10/1992	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S003B3	01/17/1996	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	6.7	ND 0.5
S003B3	09/16/1997	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S003B3	10/28/1997	REG	ND 1	ND 2	ND 0.5	ND 2	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S004A	03/17/1982	REG	8	NT	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	ND 5	ND 5
S004A	04/07/1982	REG	3.3	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.5	NT	1.9	NT

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S004A	04/07/1983	REG	ND 1	NT	NT	NT	NT	NT	NT	NT	NT	ND 1	NT	ND 1	NT
S004A	03/05/1985	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	ND 0.1	NT
S004A	06/17/1985	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	ND 0.1	NT
S004A	10/04/1985	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	ND 0.1	NT
S004A	12/12/1985	REG	ND 0.5	NT	NT	NT	NT	NT	NT	NT	NT	0.7	NT	0.9	NT
S004A	03/07/1986	FD	ND 0.2	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.2	NT	ND 0.2	NT
S004A	03/07/1986	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 1
S004A	07/08/1986	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 1
S004A	09/10/1986	FD	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	ND 0.1	NT
S004A	09/10/1986	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 1
S004A	12/08/1986	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 1
S004A	03/10/1987	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	NT	NT	ND 0.5	NT	ND 0.5	ND 0.5
S004A	02/02/1988	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S004A	02/06/1989	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S004A	01/24/1990	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S004A	01/08/1991	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S004A	01/08/1992	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S004A	01/03/1996	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S004A	10/15/1997	REG	ND 1	ND 2	ND 0.5	ND 2	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S004B1	03/16/1982	REG	ND 1	NT	ND 1	ND 1	NT	ND 1	ND 1	ND 1	NT	ND 1	NT	ND 1	ND 1
S004B1	04/07/1982	REG	0.4	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.5	NT	1.6	NT
S004B1	04/07/1983	REG	ND 1	NT	NT	NT	NT	NT	NT	NT	NT	ND 1	NT	ND 1	NT
S004B1	03/07/1986	REG	ND 0.5	2.6	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 1
S004B1	07/08/1986	REG	ND 0.5	5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	9	ND 1
S004B1	09/10/1986	FD	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	ND 0.1	NT
S004B1	09/10/1986	REG	ND 0.5	1.2	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 1

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S004B1	12/11/1986	REG	ND 0.5	2.3	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 1
S004B1	03/13/1987	REG	ND 0.5	1.3	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	NT	NT	ND 0.5	NT	ND 0.5	ND 0.5
S004B1	02/02/1988	REG	ND 0.5	1.6	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S004B1	02/06/1989	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S004B1	01/24/1990	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S004B1	01/08/1991	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S004B1	01/08/1992	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S004B1	01/06/1993	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S004B1	01/18/1994	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S004B1	01/04/1995	REG	ND 0.5	ND 1	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 1
S004B1	01/03/1996	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S004B1	01/27/1997	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S004B1	10/14/1997	REG	ND 1	ND 2	ND 0.5	ND 2	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S004B1	06/29/1998	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S004B1	06/11/1999	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S004B1	10/28/1999	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 1	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S004B1	04/14/2000	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S004B1	10/23/2000	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S004B1	04/18/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S004B1	10/20/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S004B1	10/19/2002	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S004B1	10/21/2003	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S004B1	10/07/2004	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S004B1	11/30/2005	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S004B1	11/02/2006	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S004B1	07/23/2007	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.6	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S004B1	10/22/2008	REG	ND 0.5	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S004B1	10/22/2009	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S004B1	10/25/2010	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S004B1	12/01/2011	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S004B1	11/06/2012	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S004B1	11/15/2013	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S004B1	11/12/2014	REG	ND 2.5	ND 10	ND 2.5	ND 2.5	ND 2.5	ND 2.5	ND 2.5	ND 2.5	ND 100	ND 2.5	ND 2.5	ND 2.5	ND 2.5
S004B1	11/30/2015	REG	ND 2.5	ND 10	ND 2.5	ND 2.5	ND 2.5	ND 2.5	ND 2.5	ND 2.5	ND 100	ND 2.5	ND 2.5	ND 2.5	ND 2.5
S004B1	11/17/2016	REG	ND 2.5	ND 10	ND 2.5	ND 2.5	ND 2.5	ND 2.5	ND 2.5	ND 2.5	ND 100	ND 2.5	ND 2.5	ND 2.5	ND 2.5
S004B1	10/25/2017	REG	ND 2.5	ND 10	ND 2.5	ND 2.5	ND 2.5	ND 2.5	ND 2.5	ND 2.5	ND 100	ND 2.5	ND 2.5	ND 2.5	ND 2.5
S004B1	11/15/2018	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.91 B	ND 0.5	ND 0.5	0.130 J	ND 0.5
S005A	03/18/1982	REG	ND 100	NT	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	200	ND 100
S005A	04/13/1982	REG	9	NT	NT	NT	NT	NT	NT	NT	NT	0.6	NT	1300	NT
S005A	12/08/1982	REG	66	NT	NT	NT	NT	NT	NT	NT	NT	1	NT	1000	NT
S005A	04/08/1983	REG	8	NT	NT	NT	NT	NT	NT	NT	NT	ND 1	NT	1800	NT
S005A	09/07/1983	REG	6.3	NT	NT	NT	NT	NT	NT	NT	NT	0.7	NT	1800	NT
S005A	03/29/1984	REG	2.9	NT	NT	NT	NT	NT	NT	NT	NT	0.34	NT	80	NT
S005A	06/26/1984	REG	6.8	NT	NT	NT	NT	NT	NT	NT	NT	1.1	NT	2300	NT
S005A	09/26/1984	REG	5.8	NT	NT	NT	NT	NT	NT	NT	NT	1.3	NT	2500	NT
S005A	12/12/1984	REG	2.4	NT	NT	NT	NT	NT	NT	NT	NT	5.9	NT	1700	NT
S005A	03/07/1985	REG	3.3	NT	NT	NT	NT	NT	NT	NT	NT	1.5	NT	1300	NT
S005A	06/20/1985	REG	3.5	NT	NT	NT	NT	NT	NT	NT	NT	1.4	NT	1400	NT
S005A	10/17/1985	REG	ND 50	150	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1900	ND 100
S005A	12/13/1985	REG	4	NT	NT	NT	NT	NT	NT	NT	NT	2.3	NT	1500	NT
S005A	03/12/1986	FD	4.2	NT	NT	NT	NT	NT	NT	NT	NT	1.6	NT	1900	NT
S005A	03/12/1986	REG	ND 50	140	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1600	ND 100

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S005A	05/29/1986	REG	ND 50	400	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	2100	ND 100
S005A	09/15/1986	FD	3	NT	NT	NT	NT	NT	NT	NT	NT	5.4	NT	2000	NT
S005A	09/15/1986	REG	ND 50	96	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	2200	ND 100
S005A	12/11/1986	REG	ND 20	42	ND 20	ND 20	NT	ND 20	ND 20	ND 20	NT	ND 20	NT	1200	ND 40
S005A	03/12/1987	REG	ND 25	120	ND 25	ND 25	NT	ND 25	ND 25	NT	NT	ND 25	NT	2400	ND 25
S005A	06/22/1987	REG	ND 50	170	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	2600	ND 50
S005A	09/29/1987	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1700	ND 50
S005A	12/02/1987	REG	ND 25	120	ND 25	ND 25	NT	ND 25	ND 25	59	NT	ND 25	NT	2400	ND 25
S005A	02/11/1988	REG	ND 50	70	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1600	ND 50
S005A	04/26/1988	REG	ND 50	150	ND 50	ND 50	NT	ND 50	ND 50	94	NT	ND 50	NT	2100	ND 50
S005A	07/28/1988	REG	ND 50	75	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1600	ND 50
S005A	10/22/1988	REG	ND 50	60	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1400	ND 50
S005A	02/13/1989	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	850	ND 25
S005A	04/13/1989	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	940	ND 25
S005A	08/04/1989	REG	ND 25	27	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	1200	ND 25
S005A	10/11/1989	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	870	ND 25
S005A	01/29/1990	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1600	ND 50
S005A	04/13/1990	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	530	ND 50
S005A	07/11/1990	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	540	ND 50
S005A	10/10/1990	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	890	ND 25
S005A	01/10/1991	REG	ND 25	47	ND 25	ND 25	NT	ND 25	ND 25	30	NT	ND 25	NT	990	ND 25
S005A	04/11/1991	REG	ND 10	20	ND 10	ND 10	NT	ND 10	ND 10	30	NT	ND 10	NT	1200	ND 10
S005A	07/11/1991	REG	ND 10	37	ND 10	ND 10	NT	ND 10	ND 10	47	NT	ND 10	NT	1200	ND 10
S005A	10/10/1991	REG	ND 10	19	ND 10	ND 10	NT	ND 10	ND 10	29	NT	ND 10	NT	1400	ND 10
S005A	01/08/1992	REG	ND 10	25	ND 10	ND 10	NT	ND 10	ND 10	32	NT	ND 10	NT	1300	ND 10
S005A	04/09/1992	REG	ND 10	52	ND 10	ND 10	NT	ND 10	ND 10	70	NT	ND 10	NT	1200	ND 10

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S005A	07/09/1992	REG	ND 10	51	ND 10	ND 10	NT	ND 10	ND 10	94	NT	ND 10	NT	1200	ND 10
S005A	10/09/1992	REG	ND 0.5	66	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	94	NT	ND 0.5	NT	1300	ND 0.5
S005A	01/08/1993	REG	ND 25	37	ND 25	ND 25	NT	ND 25	ND 25	65	NT	ND 25	NT	1100	ND 25
S005A	04/14/1993	REG	ND 25	25	ND 25	ND 25	NT	ND 25	ND 25	44	NT	ND 25	NT	1000	ND 25
S005A	07/14/1993	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	34	NT	ND 25	NT	1000	ND 25
S005A	10/11/1993	REG	ND 25	49	ND 25	ND 25	NT	ND 25	ND 25	25	NT	ND 25	NT	1400	ND 25
S005A	01/19/1994	REG	ND 25	28	ND 25	ND 25	NT	ND 25	ND 25	27	NT	ND 25	NT	990	ND 25
S005A	07/21/1994	REG	ND 10	15	ND 10	ND 10	NT	ND 10	ND 10	29	NT	ND 10	NT	600	ND 10
S005A	01/12/1995	REG	ND 10	ND 20	ND 10	ND 10	NT	ND 10	ND 10	15	NT	ND 10	NT	530	ND 20
S005A	07/12/1995	REG	ND 10	ND 20	ND 10	ND 10	NT	ND 10	ND 10	22	NT	ND 10	NT	520	ND 20
S005A	10/25/1995	REG	ND 10	14	ND 10	ND 10	NT	ND 10	ND 10	39	NT	ND 10	NT	540	ND 10
S005A	01/05/1996	REG	ND 10	13	ND 10	ND 10	NT	ND 10	ND 10	30	NT	ND 10	NT	530	ND 10
S005A	07/11/1996	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	29	NT	ND 10	NT	430	ND 10
S005A	02/04/1997	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	590	ND 25
S005A	07/24/1997	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	610	ND 25
S005A	10/23/1997	REG	ND 1	ND 2	ND 0.5	ND 2	NT	ND 0.5	ND 0.5	33	NT	5.2	NT	570	ND 0.5
S005A	06/25/1998	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	29	NT	ND 10	NT	530	ND 10
S005A	12/17/1998	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	460	ND 25
S005A	06/16/1999	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	530	ND 25
S005A	11/06/1999	REG	ND 0.5	11	ND 0.5	ND 0.5	ND 1	ND 0.5	ND 0.5	28	ND 0.5	3.5	ND 0.5	420	ND 0.5
S005A	04/04/2000	REG	ND 1.3	ND 13	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	19	ND 13	3.4	ND 1.3	330	ND 1.3
S005A	10/23/2000	REG	ND 1.3	ND 13	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	20	ND 13	2.5	ND 1.3	280	ND 1.3
S005A	04/18/2001	REG	ND 1.3	ND 13	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	48	ND 13	2.1	1.6	360	ND 1.3
S005A	10/25/2001	REG	ND 1.3	ND 13	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	25	ND 13	2	ND 1.3	290	ND 1.3
S005A	10/22/2002	REG	ND 1.3	ND 13	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	36	ND 13	2.1	ND 1.3	330	ND 1.3
S005A	10/20/2003	REG	ND 1.3	ND 13	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	250	ND 13	2.3	1.4	310	ND 1.3

Notes:
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S005A	10/07/2004	REG	ND 2	ND 20	ND 2	ND 2	ND 2	ND 2	ND 2	63	ND 20	ND 2	ND 2	280	ND 2
S005A	12/15/2005	REG	ND 1.7	ND 17	ND 1.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	47	ND 17	2	1.8	250	ND 1.7
S005A	11/09/2006	REG	ND 1.7	ND 17	ND 1.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	56	ND 17	2.4	ND 1.7	280	ND 1.7
S005A	08/08/2007	REG	ND 1.7	ND 17	ND 1.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	110	ND 17	2.1	2.2	280	ND 1.7
S005A	10/29/2008	REG	ND 1.7	ND 17	ND 1.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	110	ND 17	2.4	ND 1.7	300	ND 1.7
S005A	11/03/2009	FD	ND 0.6	2.6	ND 0.6	ND 0.6	ND 0.6	ND 0.6	ND 0.6	64	ND 25	2.1	0.9	210	ND 0.6
S005A	11/03/2009	REG	ND 1.7	ND 6.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	62	ND 67	1.9	ND 1.7	210	ND 1.7
S005A	11/01/2010	REG	ND 1.7	ND 6.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	58	ND 67	1.8	ND 1.7	180	ND 1.7
S005A	12/06/2011	REG	ND 1.7	13	ND 1.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	230	ND 67	1.9	2.5	240	ND 1.7
S005A	11/29/2012	REG	ND 1.7	ND 6.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	74	ND 67	2.1	ND 1.7	200	ND 1.7
S005A	11/21/2013	REG	ND 1.7	ND 6.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	90	ND 67	ND 1.7	ND 1.7	150	ND 1.7
S005A	11/19/2014	REG	ND 1.3	9.7	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	67	ND 50	2.3	ND 1.3	180	ND 1.3
S005A	12/04/2015	REG	ND 1.3	ND 5.0	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	66	ND 50	2.1	ND 1.3	190	ND 1.3
S005A	12/07/2016	REG	ND 1.3	5.4	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	77	ND 50	2.4	1.4	200	ND 1.3
S005A	12/07/2017	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	15	ND 20	0.5	0.9	32	ND 0.5
S005A	11/27/2018	REG	ND 0.5	3.5	0.200 J	0.490 J	ND 0.5	ND 0.5	ND 0.5	60	0.77 B	1.8	1	140	ND 0.5
S005B1	04/16/1982	REG	0.2	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.5	NT	150	NT
S005B1	12/08/1982	REG	5	NT	NT	NT	NT	NT	NT	NT	NT	ND 1	NT	91	NT
S005B1	04/08/1983	REG	ND 1	NT	NT	NT	NT	NT	NT	NT	NT	ND 1	NT	35	NT
S005B1	09/07/1983	FD	ND 5	NT	NT	NT	NT	NT	NT	NT	NT	0.1	NT	210	NT
S005B1	09/07/1983	REG	3.3	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.5	NT	230	NT
S005B1	06/25/1984	REG	7.7	NT	NT	NT	NT	NT	NT	NT	NT	0.37	NT	800	NT
S005B1	12/12/1984	REG	ND 10	NT	NT	NT	NT	NT	NT	NT	NT	0.25	NT	1700	NT
S005B1	03/06/1985	REG	1.3	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	390	NT
S005B1	06/20/1985	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	0.58	NT	2200	NT
S005B1	10/17/1985	REG	ND 50	1500	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	5000	ND 100

Notes:
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ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S005B1	12/31/1985	REG	6.6	NT	NT	NT	NT	NT	NT	NT	NT	1.1	NT	4200	NT
S005B1	03/11/1986	REG	ND 50	1100	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	5600	ND 100
S005B1	05/30/1986	REG	ND 100	1700	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	5800	ND 200
S005B1	09/26/1986	FD	ND 5	NT	NT	NT	NT	NT	NT	NT	NT	6.1	NT	6000	NT
S005B1	09/26/1986	REG	ND 100	820	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	7200	ND 200
S005B1	12/09/1986	REG	ND 100	2500	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	5800	ND 200
S005B1	03/16/1987	REG	ND 25	490	ND 25	ND 25	NT	ND 25	ND 25	NT	NT	45	NT	3200	ND 25
S005B1	06/23/1987	REG	ND 100	ND 100	ND 100	210	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	3600	ND 100
S005B1	09/28/1987	REG	ND 50	90	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	2100	ND 50
S005B1	12/02/1987	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	2500	ND 50
S005B1	02/11/1988	REG	ND 50	310	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1500	ND 50
S005B1	04/26/1988	REG	ND 50	110	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1500	ND 50
S005B1	07/28/1988	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1800	ND 50
S005B1	10/23/1988	REG	ND 50	60	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1400	ND 50
S005B1	02/13/1989	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	860	ND 25
S005B1	04/13/1989	REG	ND 25	50	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	1000	ND 25
S005B1	08/04/1989	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	680	ND 25
S005B1	10/11/1989	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	750	ND 25
S005B1	01/30/1990	REG	ND 25	98	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	1300	ND 25
S005B1	04/13/1990	REG	ND 25	42	ND 25	ND 25	NT	ND 25	ND 25	26	NT	30	NT	1300	ND 25
S005B1	07/13/1990	REG	ND 50	54	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1000	ND 50
S005B1	10/11/1990	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1000	ND 50
S005B1	01/10/1991	REG	ND 25	47	ND 25	ND 25	NT	ND 25	ND 25	32	NT	ND 25	NT	1000	ND 25
S005B1	04/11/1991	REG	ND 10	51	ND 10	ND 10	NT	ND 10	ND 10	34	NT	ND 10	NT	1000	ND 10
S005B1	07/12/1991	REG	ND 10	31	ND 10	ND 10	NT	ND 10	ND 10	30	NT	ND 10	NT	1100	ND 10
S005B1	10/10/1991	REG	ND 10	31	ND 10	ND 10	NT	ND 10	ND 10	31	NT	ND 10	NT	1300	ND 10

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S005B1	01/08/1992	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	33	NT	ND 10	NT	750	ND 10
S005B1	04/09/1992	REG	ND 10	40	ND 10	ND 10	NT	ND 10	ND 10	67	NT	ND 10	NT	1100	ND 10
S005B1	07/09/1992	REG	ND 10	51	ND 10	ND 10	NT	ND 10	ND 10	96	NT	ND 10	NT	1100	ND 10
S005B1	10/09/1992	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	38	NT	ND 25	NT	1100	ND 25
S005B1	01/07/1993	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	45	NT	ND 25	NT	970	ND 25
S005B1	04/13/1993	REG	ND 25	27	ND 25	ND 25	NT	ND 25	ND 25	46	NT	ND 25	NT	990	ND 25
S005B1	07/14/1993	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	44	NT	ND 25	NT	970	ND 25
S005B1	10/11/1993	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	26	NT	ND 25	NT	1200	ND 25
S005B1	01/19/1994	REG	ND 25	38	ND 25	ND 25	NT	ND 25	ND 25	45	NT	ND 25	NT	1100	ND 25
S005B1	07/22/1994	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	620	ND 25
S005B1	01/12/1995	REG	ND 10	33	ND 10	ND 10	NT	ND 10	ND 10	37	NT	ND 10	NT	730	ND 20
S005B1	07/13/1995	REG	ND 10	32	ND 10	ND 10	NT	ND 10	ND 10	47	NT	ND 10	NT	910	ND 20
S005B1	10/26/1995	REG	ND 50	61	ND 50	ND 50	NT	ND 50	ND 50	55	NT	ND 50	NT	1000	ND 50
S005B1	01/10/1996	REG	ND 20	72	ND 20	ND 20	NT	ND 20	ND 20	40	NT	ND 20	NT	1200	ND 20
S005B1	07/11/1996	REG	ND 20	ND 20	ND 20	ND 20	NT	ND 20	ND 20	36	NT	ND 20	NT	790	ND 20
S005B1	02/04/1997	REG	ND 25	31	ND 25	ND 25	NT	ND 25	ND 25	40	NT	ND 25	NT	950	ND 25
S005B1	07/24/1997	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1500	ND 50
S005B1	10/23/1997	REG	ND 10	67	ND 5	ND 20	NT	ND 5	ND 5	41	NT	7	NT	1500	ND 5
S005B1	06/25/1998	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	31	NT	ND 25	NT	670	ND 25
S005B1	12/17/1998	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	30	NT	ND 10	NT	580	ND 10
S005B1	06/16/1999	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	27	NT	ND 25	NT	520	ND 25
S005B1	11/12/1999	REG	ND 5	9	ND 5	ND 5	ND 10	ND 5	ND 5	41	ND 50	ND 5	ND 5	620	ND 5
S005B1	04/19/2000	REG	ND 2.5	28	ND 2.5	ND 2.5	ND 2.5	ND 2.5	ND 2.5	51	ND 25	2.7	ND 2.5	640	ND 2.5
S005B1	10/30/2000	REG	ND 2	ND 20	ND 2	ND 2	ND 2	ND 2	ND 2	40	ND 20	ND 2	ND 2	330	ND 2
S005B1	04/25/2001	REG	ND 2	21	ND 2	ND 2	ND 2	ND 2	ND 2	110	ND 20	ND 2	2.6	490	ND 2
S005B1	10/25/2001	REG	ND 1	ND 10	ND 1	ND 1	ND 1	ND 1	ND 1	66	ND 10	1.7	ND 1	300	ND 1

Notes:
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S005B1	10/23/2002	REG	ND 3.6	ND 36	ND 3.6	ND 3.6	ND 3.6	ND 3.6	ND 3.6	190	ND 36	ND 3.6	3.6	660	ND 3.6
S005B1	10/27/2003	REG	1.3	ND 10	ND 1	ND 1	ND 1	ND 1	ND 1	87	ND 10	1.9	1.2	270	ND 1
S005B1	10/11/2004	REG	0.5	13	ND 0.5	0.9	ND 0.5	ND 0.5	ND 0.5	100	ND 5	3.1	1	290	ND 0.5
S005B1	12/15/2005	REG	ND 2	ND 20	ND 2	ND 2	ND 2	ND 2	ND 2	110	ND 20	2.3	2.8	300	ND 2
S005B1	12/01/2006	REG	ND 1.7	ND 17	ND 1.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	110	ND 17	2.7	ND 1.7	280	ND 1.7
S005B1	08/08/2007	REG	ND 5	ND 50	ND 5	ND 5	ND 5	ND 5	ND 5	570	ND 50	ND 5	8.7	850	ND 5
S005B1	10/29/2008	REG	ND 3.1	65	ND 3.1	ND 3.1	ND 3.1	ND 3.1	ND 3.1	340	ND 31	ND 3.1	7.2	870	ND 3.1
S005B1	11/03/2009	REG	ND 8.3	ND 33	ND 8.3	ND 8.3	ND 8.3	ND 8.3	ND 8.3	400	ND 330	ND 8.3	ND 8.3	1100	ND 8.3
S005B1	11/01/2010	REG	ND 3.6	ND 14	ND 3.6	ND 3.6	ND 3.6	ND 3.6	ND 3.6	190	ND 140	ND 3.6	ND 3.6	430	ND 3.6
S005B1	12/06/2011	REG	ND 3.6	56	ND 3.6	ND 3.6	ND 3.6	ND 3.6	ND 3.6	560	ND 140	ND 3.6	4.6	660	ND 3.6
S005B1	11/29/2012	REG	ND 17	270	ND 17	ND 17	ND 17	ND 17	ND 17	2700	ND 670	ND 17	24	2800	ND 17
S005B1	11/21/2013	REG	ND 17	79	ND 17	ND 17	ND 17	ND 17	ND 17	1900	ND 670	ND 17	ND 17	2000	ND 17
S005B1	11/19/2014	REG	ND 17	110	ND 17	ND 17	ND 17	ND 17	ND 17	1500	ND 670	ND 17	ND 17	1700	ND 17
S005B1	12/04/2015	FD	ND 13	ND 50	ND 13	ND 13	ND 13	ND 13	ND 13	1800	ND 500	ND 13	ND 13	1600	ND 13
S005B1	12/04/2015	REG	ND 13	ND 50	ND 13	ND 13	ND 13	ND 13	ND 13	1500	ND 500	ND 13	19	1400	ND 13
S005B1	12/07/2016	FD	ND 13	ND 50	ND 13	ND 13	ND 13	ND 13	ND 13	1400	ND 500	ND 13	22	1000	ND 13
S005B1	12/07/2016	REG	ND 13	ND 50	ND 13	ND 13	ND 13	ND 13	ND 13	1300	ND 500	ND 13	13	1000	ND 13
S005B1	12/07/2017	FD	ND 13	110	ND 13	ND 13	ND 13	ND 13	ND 13	1900	ND 500	ND 13	16	1900	ND 13
S005B1	12/07/2017	REG	ND 13	130	ND 13	ND 13	ND 13	ND 13	ND 13	2100	ND 500	ND 13	21	2000	ND 13
S005B1	11/27/2018	FD	ND 5	33	ND 5	ND 5	ND 5	ND 5	ND 5	1300	ND 5	ND 5	10	1200	ND 5
S005B1	11/27/2018	REG	ND 5	94	ND 5	ND 5	ND 5	ND 5	ND 5	1000	ND 5	ND 5	9.8	1000	ND 5
S005B3	09/09/1986	REG	ND 2	14	ND 2	ND 2	NT	ND 2	11	ND 2	NT	ND 2	NT	16	ND 7
S005B3	10/16/1986	REG	1.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	1.8	NT
S005B3	03/10/1987	REG	ND 0.5	1.4	ND 0.5	ND 0.5	NT	ND 0.5	21	NT	NT	ND 0.5	NT	15	ND 0.5
S005B3	02/10/1988	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S005B3	02/23/1989	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S005B3	01/29/1990	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	8.5	ND 0.5
S005B3	01/08/1991	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	17	ND 0.5
S005B3	01/09/1992	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	1.7	ND 0.5
S005B3	01/08/1993	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	0.8	ND 0.5
S005B3	07/12/1993	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	16	ND 0.5
S005B3	01/19/1994	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S005B3	07/19/1994	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S005B3	01/04/1995	REG	ND 0.5	ND 1	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	9.6	ND 1
S005B3	07/12/1995	REG	ND 0.5	ND 1	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 1
S005B3	10/24/1995	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	12	ND 0.5
S005B3	01/03/1996	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	0.9	ND 0.5
S005B3	07/16/1996	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	2.8	ND 0.5
S005B3	02/07/1997	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S005B3	07/22/1997	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S005B3	10/17/1997	REG	ND 1	ND 2	ND 0.5	ND 2	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	2.8	ND 0.5
S005B3	06/25/1998	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	0.7	ND 0.5
S005B3	12/17/1998	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S005B3	06/10/1999	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S005B3	11/05/1999	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 1	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S005B3	04/14/2000	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S005B3	11/01/2000	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S005B3	04/18/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S005B3	10/18/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S005B3	10/21/2002	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S005B3	10/23/2003	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S005B3	10/18/2004	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5

Notes:
B – Analyte was present in an associated method blank
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S005B3	12/15/2005	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S005B3	11/06/2006	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S005B3	08/08/2007	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S005B3	10/29/2008	REG	ND 0.5	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S005B3	11/03/2009	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S005B3	11/01/2010	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S005B3	12/06/2011	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S005B3	11/29/2012	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S005B3	11/21/2013	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S005B3	11/19/2014	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S005B3	12/04/2015	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S005B3	12/07/2016	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S005B3	12/07/2017	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S005B3	11/27/2018	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.270 J	1.1 B	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S006A	03/19/1982	REG	350	NT	49	36	NT	ND 1	5	690	NT	28	NT	1000	ND 1
S006A	09/03/1982	REG	100	NT	17	7	NT	ND 1	ND 1	200	NT	5	NT	400	ND 10
S006A	04/18/1983	REG	25	NT	NT	NT	NT	NT	NT	NT	NT	8	NT	420	NT
S006A	09/06/1983	REG	20	NT	NT	NT	NT	NT	NT	NT	NT	4.1	NT	180	NT
S006A	04/05/1984	REG	3.3	NT	NT	NT	NT	NT	NT	NT	NT	1.5	NT	60	NT
S006A	06/26/1984	REG	11	NT	NT	NT	NT	NT	NT	NT	NT	12	NT	280	NT
S006A	09/24/1984	FD	18	NT	NT	NT	NT	NT	NT	NT	NT	14	NT	440	NT
S006A	09/24/1984	REG	19	NT	NT	NT	NT	NT	NT	NT	NT	17	NT	510	NT
S006A	03/08/1985	REG	7.4	NT	NT	NT	NT	NT	NT	NT	NT	13	NT	380	NT
S006A	06/20/1985	REG	9.3	NT	NT	NT	NT	NT	NT	NT	NT	18	NT	95	NT
S006A	10/17/1985	REG	15	NT	NT	NT	NT	NT	NT	NT	NT	23	NT	430	NT
S006A	12/29/1985	REG	13	NT	NT	NT	NT	NT	NT	NT	NT	16	NT	490	NT

Notes:
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APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S006A	03/12/1986	REG	ND 50	ND 50	54	ND 50	NT	ND 50	ND 50	5600	NT	ND 50	NT	470	ND 100
S006A	06/04/1986	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	2700	NT	ND 50	NT	390	210
S006A	09/26/1986	FD	ND 20	ND 20	ND 20	ND 20	NT	ND 20	ND 20	770	NT	ND 20	NT	120	120
S006A	09/26/1986	REG	1.6	NT	NT	NT	NT	NT	NT	NT	NT	9.2	NT	170	NT
S006A	12/23/1986	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	470	NT	ND 10	NT	190	50
S006A	03/13/1987	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	NT	NT	ND 5	NT	290	ND 5
S006A	09/26/1987	REG	28	ND 25	ND 25	ND 25	NT	ND 25	ND 25	180	NT	ND 25	NT	180	ND 25
S006A	02/09/1988	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	160	NT	ND 5	NT	140	26
S006A	07/26/1988	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	160	NT	ND 5	NT	190	17
S006A	02/09/1989	REG	ND 5	ND 5	9	ND 5	NT	ND 5	ND 5	420	NT	ND 5	NT	280	39
S006A	07/31/1989	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	220	NT	ND 25	NT	1300	ND 25
S006A	01/29/1990	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	25	610	NT	ND 25	NT	170	380
S006A	07/12/1990	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	230	NT	ND 10	NT	58	ND 10
S006A	01/10/1991	REG	ND 2.5	ND 2.5	13	8.5	NT	ND 2.5	ND 2.5	554	NT	ND 2.5	NT	320	44
S006A	07/11/1991	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	390	NT	ND 10	NT	270	ND 10
S006A	01/07/1992	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	560	NT	ND 10	NT	120	ND 10
S006A	07/08/1992	REG	ND 0.5	ND 0.5	1.1	ND 0.5	NT	ND 0.5	ND 0.5	83.8	NT	ND 0.5	NT	55	2.5
S006A	01/06/1993	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	180	NT	ND 5	NT	170	ND 5
S006A	07/13/1993	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	230	NT	ND 5	NT	170	ND 5
S006A	01/18/1994	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	230	NT	ND 5	NT	180	ND 5
S006A	07/20/1994	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	180	NT	ND 5	NT	150	ND 5
S006A	01/11/1995	REG	ND 5	ND 10	ND 5	ND 5	NT	ND 5	ND 5	39	NT	ND 5	NT	97	ND 10
S006A	07/13/1995	REG	ND 5	ND 10	ND 5	ND 5	NT	ND 5	ND 5	170	NT	ND 5	NT	200	ND 10
S006A	10/24/1995	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	110	NT	ND 5	NT	200	ND 5
S006A	01/04/1996	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	150	NT	ND 5	NT	130	ND 5
S006A	07/10/1996	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	87	NT	ND 5	NT	150	ND 5

Notes:
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APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S006A	07/23/1997	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	17	NT	ND 2.5	NT	36	ND 2.5
S006A	10/22/1997	REG	ND 2	ND 4	ND 1	ND 4	NT	ND 1	ND 1	42	NT	3	NT	77	ND 1
S006A	06/24/1998	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	10	NT	ND 10	NT	45	ND 10
S006A	12/18/1998	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	15	NT	ND 2.5	NT	37	ND 2.5
S006A	06/15/1999	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	45	NT	ND 2.5	NT	94	ND 2.5
S006A	11/05/1999	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	110	ND 0.5	ND 0.5	41	ND 5	2.9	0.7	120	ND 0.5
S006A	04/04/2000	REG	ND 0.5	ND 5	ND 0.5	1	65	ND 0.5	ND 0.5	63	ND 5	2.1	1.3	85	0.5
S006A	10/25/2000	REG	ND 0.5	ND 5	ND 0.5	1.1	110	0.8	ND 0.5	58	ND 5	2.8	1.4	120	0.6
S006A	04/20/2001	REG	ND 0.5	ND 5	ND 0.5	0.6	99	ND 0.5	ND 0.5	31	ND 5	1.9	0.6	81	ND 0.5
S006A	10/25/2001	REG	ND 0.5	ND 5	ND 0.5	0.7	110	ND 0.5	ND 0.5	28	ND 5	2.2	0.7	87	ND 0.5
S006A	10/22/2002	REG	ND 0.5	ND 5	ND 0.5	0.6	83	ND 0.5	ND 0.5	63	ND 5	1.6	1	95	0.5
S006A	10/17/2003	REG	ND 0.5	ND 5	0.6	0.9	73	ND 0.5	ND 0.5	150	ND 5	1.3	2.2	64	8.3
S006A	10/07/2004	REG	ND 1	ND 10	ND 1	ND 1	70	ND 1	ND 1	100	ND 10	1.2	4.5	50	40
S006A	11/04/2005	REG	ND 0.7	ND 7.1	ND 0.7	ND 0.7	60	ND 0.7	ND 0.7	85	ND 7.1	1	8.8	31	10
S006A	11/07/2006	REG	ND 0.5	ND 5	0.7	ND 0.5	71	ND 0.5	ND 0.5	88	ND 5	ND 0.5	15	21	1.7
S006A	07/10/2007	REG	ND 0.5	ND 5	0.6	ND 0.5	55	ND 0.5	ND 0.5	93	ND 5	ND 0.5	14	11	0.8
S006A	10/16/2008	REG	ND 0.5	ND 5.0	ND 0.5	ND 0.5	53	ND 0.5	ND 0.5	80	ND 5.0	ND 0.5	16	3.2	4.3
S006A	10/20/2009	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	38	ND 0.5	ND 0.5	46	ND 20	ND 0.5	8.5	2.1	14
S006A	10/19/2010	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	33	ND 0.5	ND 0.5	27	ND 20	ND 0.5	4.7	0.8	20
S006A	11/16/2011	REG	ND 0.5	ND 3.0	ND 0.5	ND 0.5	13	ND 0.5	ND 0.5	14	ND 20	ND 0.5	2.1	1.1	6.4
S006A	11/01/2012	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	33	ND 0.5	ND 0.5	17	ND 20	ND 0.5	2.6	0.7	23
S006A	11/13/2013	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	33	ND 0.5	ND 0.5	15	ND 20	ND 0.5	2.8	1	24
S006A	11/08/2014	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	34	ND 0.5	ND 0.5	17	ND 20	ND 0.5	3.5	ND 0.5	38
S006A	11/25/2015	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	31	ND 0.5	ND 0.5	7.8	ND 20	ND 0.5	1.5	0.6	25
S006A	11/14/2016	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	35	ND 0.5	ND 0.5	14	ND 20	ND 0.5	1.4	ND 0.5	42
S006A	11/15/2018	REG	ND 0.5	ND 0.5	0.61	ND 0.5	29	ND 0.5	ND 0.5	26	0.62 B	ND 0.5	1.6	0.250 J	39

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S007A	03/19/1982	REG	200	NT	170	140	NT	ND 1	ND 1	3500	NT	21	NT	1300	360
S007A	09/03/1982	REG	39	NT	40	66	NT	ND 1	ND 1	10800	NT	15	NT	790	92
S007A	04/11/1983	REG	79	NT	NT	NT	NT	NT	NT	NT	NT	12	NT	420	NT
S007A	09/06/1983	REG	5.7	NT	NT	NT	NT	NT	NT	NT	NT	11	NT	1100	NT
S007A	03/29/1984	REG	1	NT	NT	NT	NT	NT	NT	NT	NT	6.7	NT	460	NT
S007A	06/25/1984	REG	3.3	NT	NT	NT	NT	NT	NT	NT	NT	16	NT	1600	NT
S007A	09/24/1984	FD	1.2	NT	NT	NT	NT	NT	NT	NT	NT	10	NT	880	NT
S007A	09/24/1984	REG	1	NT	NT	NT	NT	NT	NT	NT	NT	10	NT	1100	NT
S007A	03/07/1985	REG	3.2	NT	NT	NT	NT	NT	NT	NT	NT	18	NT	2800	NT
S007A	06/20/1985	REG	2	NT	NT	NT	NT	NT	NT	NT	NT	26	NT	4000	NT
S007A	10/04/1985	REG	2.3	NT	NT	NT	NT	NT	NT	NT	NT	27	NT	1900	NT
S007A	12/13/1985	REG	2.8	NT	NT	NT	NT	NT	NT	NT	NT	25	NT	3900	NT
S007A	03/12/1986	REG	ND 50	ND 50	ND 50	82	NT	ND 50	ND 50	1100	NT	ND 50	NT	3600	ND 100
S007A	05/30/1986	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	1400	NT	ND 50	NT	2600	190
S007A	09/26/1986	FD	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	1100	NT	ND 50	NT	3000	130
S007A	09/26/1986	REG	1	NT	NT	NT	NT	NT	NT	NT	NT	17	NT	2200	NT
S007A	12/11/1986	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	1300	NT	ND 50	NT	2500	1200
S007A	03/16/1987	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	NT	NT	ND 25	NT	2200	310
S007A	06/22/1987	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	1300	NT	ND 100	NT	3400	ND 100
S007A	09/27/1987	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	980	NT	ND 50	NT	2100	ND 50
S007A	12/03/1987	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	950	NT	ND 25	NT	2200	ND 25
S007A	02/12/1988	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	1200	NT	ND 50	NT	1800	140
S007A	04/26/1988	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	1400	NT	ND 50	NT	1900	86
S007A	07/29/1988	REG	ND 50	1300	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	2300	ND 50
S007A	10/23/1988	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	370	NT	ND 50	NT	1900	ND 50
S007A	02/18/1989	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	230	NT	ND 50	NT	1300	ND 50

Notes:
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S007A	04/13/1989	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	100	NT	ND 5	NT	280	ND 5
S007A	08/07/1989	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	150	NT	ND 25	NT	970	ND 25
S007A	10/11/1989	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	110	NT	ND 25	NT	940	ND 25
S007A	01/25/1990	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	250	NT	ND 5	NT	1000	ND 5
S007A	04/12/1990	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	230	NT	ND 25	NT	900	ND 25
S007A	07/12/1990	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	350	NT	ND 25	NT	880	34
S007A	10/11/1990	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	340	NT	ND 25	NT	1000	ND 25
S007A	01/10/1991	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	330	NT	ND 25	NT	1100	ND 25
S007A	04/11/1991	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	763	NT	10	NT	930	74
S007A	07/11/1991	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	898	NT	11	NT	980	39
S007A	10/10/1991	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	510	NT	ND 10	NT	1200	ND 10
S007A	01/09/1992	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	740	NT	ND 10	NT	1000	ND 10
S007A	04/10/1992	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	513	NT	ND 10	NT	980	ND 10
S007A	07/10/1992	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	697	NT	ND 10	NT	1000	ND 10
S007A	10/09/1992	REG	ND 12.5	ND 12.5	ND 12.5	ND 12.5	NT	ND 12.5	ND 12.5	1100	NT	ND 12.5	NT	650	80
S007A	01/11/1993	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	640	NT	ND 10	NT	530	ND 10
S007A	04/14/1993	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	430	NT	ND 10	NT	800	ND 10
S007A	07/14/1993	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	450	NT	ND 50	NT	890	ND 50
S007A	10/12/1993	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	340	NT	ND 25	NT	560	ND 25
S007A	01/19/1994	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	270	NT	ND 10	NT	400	ND 10
S007A	04/19/1994	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	240	NT	ND 10	NT	350	ND 10
S007A	07/21/1994	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	240	NT	ND 5	NT	310	ND 5
S007A	10/04/1994	REG	ND 10	14	ND 10	ND 10	NT	ND 10	ND 10	351	NT	ND 10	NT	360	ND 10
S007A	01/12/1995	REG	ND 5	ND 10	ND 5	ND 5	NT	ND 5	ND 5	227	NT	ND 5	NT	220	ND 10
S007A	04/19/1995	REG	ND 10	ND 20	10	13	NT	ND 10	ND 10	650	NT	ND 10	NT	370	31
S007A	07/13/1995	REG	ND 25	ND 50	ND 25	ND 25	NT	ND 25	26	780	NT	ND 25	NT	370	ND 50

Notes:
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APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S007A	10/26/1995	REG	ND 20	ND 20	ND 20	ND 20	NT	ND 20	ND 20	1019	NT	ND 20	NT	450	ND 20
S007A	01/10/1996	REG	ND 20	ND 20	ND 20	ND 20	NT	ND 20	ND 20	820	NT	ND 20	NT	410	ND 20
S007A	04/02/1996	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	581	NT	ND 10	NT	240	41
S007A	07/11/1996	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	2060	NT	ND 50	NT	400	ND 50
S007A	10/08/1996	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	63	2540	NT	ND 50	NT	340	ND 50
S007A	02/04/1997	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	1200	NT	ND 50	NT	180	ND 50
S007A	04/08/1997	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	1800	NT	ND 50	NT	150	ND 50
S007A	07/24/1997	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	1200	NT	ND 50	NT	320	ND 50
S007A	10/23/1997	REG	ND 20	ND 40	ND 10	ND 40	NT	ND 10	ND 10	1800	NT	ND 10	NT	78	43
S007A	06/24/1998	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	870	NT	ND 5	NT	70	ND 5
S007A	12/18/1998	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	2300	NT	ND 50	NT	ND 50	140
S007A	06/04/1999	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	1200	NT	ND 50	NT	ND 50	ND 50
S007A	11/08/1999	REG	ND 2.5	ND 2.5	ND 2.5	3.7	48	ND 2.5	ND 2.5	1200	ND 25	ND 2.5	70	64	36
S007A	04/04/2000	REG	ND 1.1	ND 11	ND 1.1	1.7	39	ND 1.1	ND 1.1	270	ND 11	3.1	17	160	7.7
S007A	10/26/2000	FD	ND 2.5	ND 25	ND 2.5	3.4	47	ND 2.5	ND 2.5	700	ND 25	ND 2.5	51	120	16
S007A	10/26/2000	REG	ND 1.7	ND 17	ND 1.7	3.9	48	ND 1.7	ND 1.7	620	ND 17	1.9	51	110	16
S007A	04/24/2001	FD	ND 3.6	ND 36	ND 3.6	4.5	46	ND 3.6	ND 3.6	870	ND 36	ND 3.6	81	56	46
S007A	04/24/2001	REG	ND 3.6	ND 36	ND 3.6	3.9	43	ND 3.6	ND 3.6	840	ND 36	ND 3.6	79	35	42
S007A	10/26/2001	REG	ND 0.7	ND 7.1	0.8	1.9	43	ND 0.7	ND 0.7	170	ND 7.1	3.8	8.9	180	ND 0.7
S007A	10/23/2002	FD	ND 1.7	ND 17	ND 1.7	4.4	47	ND 1.7	ND 1.7	700	ND 17	ND 1.7	55	42	19
S007A	10/23/2002	REG	ND 1.7	ND 17	ND 1.7	5.1	46	ND 1.7	ND 1.7	780	ND 17	ND 1.7	60	36	22
S007A	10/20/2003	FD	ND 1.3	ND 13	ND 1.3	2.6	42	ND 1.3	ND 1.3	380	ND 13	ND 1.3	23	50	15
S007A	10/20/2003	REG	ND 1.3	ND 13	ND 1.3	2.8	43	ND 1.3	ND 1.3	350	ND 13	1.4	23	52	13
S007A	10/07/2004	REG	ND 2.5	ND 25	ND 2.5	3	45	ND 2.5	ND 2.5	350	ND 25	ND 2.5	21	59	9.3
S007A	11/04/2005	REG	ND 3.6	ND 36	ND 3.6	4.7	41	ND 3.6	ND 3.6	640	ND 36	4	52	69	9.8
S007A	11/07/2006	REG	ND 4.2	ND 42	ND 4.2	4.4	37	ND 4.2	ND 4.2	690	ND 42	ND 4.2	50	50	10

Notes:
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S007A	07/10/2007	REG	ND 4.2	ND 42	ND 4.2	ND 4.2	34	ND 4.2	ND 4.2	670	ND 42	ND 4.2	46	29	12
S007A	10/16/2008	REG	ND 2.0	ND 20	ND 2.0	4	43	ND 2.0	ND 2.0	690	ND 20	ND 2.0	51	8.9	13
S007A	10/20/2009	REG	ND 3.6	ND 14	ND 3.6	ND 3.6	43	ND 3.6	ND 3.6	480	ND 140	ND 3.6	39	33	6.7
S007A	10/19/2010	REG	ND 3.6	ND 14	ND 3.6	ND 3.6	39	ND 3.6	ND 3.6	380	ND 140	ND 3.6	44	30	7.6
S007A	11/16/2011	REG	ND 0.5	ND 3.0	ND 0.5	1.5	12	ND 0.5	ND 0.5	51	ND 20	3.2	4.9	88	1.9
S007A	11/01/2012	REG	ND 1.3	ND 5.0	ND 1.3	1.3	12	ND 1.3	ND 1.3	140	ND 50	2.3	12	46	3
S007A	11/13/2013	REG	ND 0.5	ND 2.0	ND 0.5	0.7	7	ND 0.5	ND 0.5	42	ND 20	3.6	3.5	99	0.9
S007A	11/08/2014	REG	ND 0.5	ND 2.0	ND 0.5	1.4	7.4	ND 0.5	ND 0.5	54	ND 20	3.9	5.2	91	1.2
S007A	11/25/2015	REG	ND 0.5	ND 2.0	ND 0.5	1.4	15	ND 0.5	ND 0.5	110	ND 20	2.8	10	65	1.3
S007A	11/14/2016	REG	ND 1.0	ND 4.0	ND 1.0	1.3	17	ND 1.0	ND 1.0	120	ND 40	2.3	9.3	57	1.5
S007A	10/23/2017	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	9.3	ND 0.5	ND 0.5	16	ND 20	3.5	1.2	72	ND 0.5
S007A	11/15/2018	REG	ND 0.5	ND 0.5	0.66	5	30	ND 0.5	ND 0.5	700	0.74 B	0.36 J	42	12	7.6
S021A	04/21/1982	REG	1.8	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.5	NT	4	NT
S021A	04/18/1983	REG	1	NT	NT	NT	NT	NT	NT	NT	NT	2	NT	90	NT
S021A	09/01/1983	REG	4.6	NT	NT	NT	NT	NT	NT	NT	NT	0.2	NT	48	NT
S021A	10/20/1983	REG	7.3	NT	NT	NT	NT	NT	NT	NT	NT	0.3	NT	23	NT
S021A	11/30/1983	REG	11	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	18	NT
S021A	10/08/1986	REG	3.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	33	NT
S021A	09/24/1987	REG	1.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	2.9	ND 0.5	NT	ND 0.5	NT	27	ND 0.5
S021A	02/09/1988	REG	1.5	ND 5	ND 5	ND 0.5	NT	ND 5	0.5	0.6	NT	ND 5	NT	22	ND 0.5
S021A	07/25/1988	REG	3	ND 1	ND 1	ND 1	NT	ND 1	ND 1	ND 1	NT	ND 1	NT	34	ND 1
S021A	02/08/1989	REG	1.6	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	10	ND 0.5
S021A	07/31/1989	REG	1.3	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	0.9	NT	ND 0.5	NT	32	ND 0.5
S021A	02/15/1990	REG	1.3	0.6	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	18	ND 0.5
S021AR	04/11/1991	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S021AR	07/12/1991	REG	ND 0.5	0.8	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	15	ND 0.5

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S021AR	01/10/1992	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S021AR	07/07/1992	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S021AR	01/05/1993	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S021AR	07/12/1993	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S021AR	01/18/1994	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S021AR	01/04/1995	REG	ND 0.5	ND 1	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 1
S021AR	01/03/1996	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S021AR	01/27/1997	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S021AR	10/15/1997	REG	ND 1	ND 2	ND 0.5	ND 2	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S021AR	06/29/1998	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S021AR	06/11/1999	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S021AR	10/28/1999	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 1	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S021AR	04/14/2000	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S021AR	10/24/2000	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S021AR	04/19/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S021AR	10/23/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S021AR	10/21/2002	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S021AR	10/22/2003	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S021AR	10/08/2004	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S021AR	11/03/2005	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S021AR	11/03/2006	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S021AR	07/31/2007	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S021AR	10/22/2008	REG	ND 0.5	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S021AR	10/22/2009	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S021AR	10/25/2010	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S021AR	12/01/2011	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S021AR	11/06/2012	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S021AR	11/15/2013	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S021AR	11/12/2014	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S021AR	11/30/2015	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S021AR	11/17/2016	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S021AR	10/25/2017	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S021B1	03/19/1982	REG	ND 1	NT	ND 1	ND 1	NT	ND 1	ND 1	ND 1	NT	ND 1	NT	ND 1	NT
S021B1	04/09/1982	REG	0.1	NT	NT	NT	NT	NT	NT	NT	NT	0.5	NT	6.9	NT
S023A	05/20/1982	REG	4	NT	ND 1	ND 1	NT	ND 1	ND 1	48	NT	4	NT	730	NT
S023A	04/13/1983	REG	ND 1	NT	NT	NT	NT	NT	NT	NT	NT	ND 1	NT	11	NT
S023A	09/07/1983	REG	0.4	NT	NT	NT	NT	NT	NT	NT	NT	0.4	NT	43	NT
S023A	09/11/1986	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	1.5	NT
S023A	03/10/1987	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	NT	NT	ND 0.5	NT	ND 0.5	ND 0.5
S023A	02/02/1988	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S023A	02/06/1989	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S023A	01/04/1996	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S023A	07/09/1996	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	0.7	ND 0.5
S023B1	04/15/1982	REG	1.7	NT	NT	NT	NT	NT	NT	NT	NT	41	NT	2300	NT
S023B1	04/15/1983	REG	1	NT	NT	NT	NT	NT	NT	NT	NT	42	NT	1900	NT
S023B1	09/07/1983	REG	5.8	NT	NT	NT	NT	NT	NT	NT	NT	32	NT	1500	NT
S023B1	09/15/1986	REG	2.5	NT	NT	NT	NT	NT	NT	NT	NT	23	NT	750	NT
S023B1	03/13/1987	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	NT	NT	55	NT	1000	ND 5
S023B1	09/26/1987	REG	32	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	960	ND 25
S023B1	02/11/1988	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	750	ND 25
S023B1	07/28/1988	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	530	ND 25
S023B1	02/10/1989	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	17	NT	ND 2.5	NT	160	ND 2.5

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S023B1	08/03/1989	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	27	NT	ND 25	NT	810	ND 25
S023B1	01/25/1990	REG	3.4	ND 0.5	3.1	ND 0.5	NT	ND 0.5	ND 0.5	32	NT	10	NT	500	ND 0.5
S023B1	07/11/1990	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	31	NT	ND 10	NT	620	ND 10
S023B1	01/09/1991	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	29	NT	ND 10	NT	400	ND 10
S023B1	07/11/1991	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	19	NT	ND 10	NT	440	ND 10
S023B1	01/09/1992	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	29	NT	ND 2.5	NT	52	ND 2.5
S023B1	07/10/1992	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	100	NT	ND 5	NT	280	ND 5
S023B1	10/08/1992	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	120	NT	ND 5	NT	400	ND 5
S023B1	01/11/1993	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	85	ND 10
S023B1	04/13/1993	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	110	ND 5
S023B1	07/13/1993	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	5.5	NT	ND 5	NT	180	ND 5
S023B1	10/12/1993	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	14	NT	ND 10	NT	710	ND 10
S023B1	01/19/1994	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	12	NT	ND 5	NT	400	ND 5
S023B1	04/19/1994	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	11	NT	ND 5	NT	420	ND 5
S023B1	07/20/1994	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	9.2	NT	ND 5	NT	360	ND 5
S023B1	10/04/1994	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	15	NT	ND 5	NT	490	ND 5
S023B1	01/12/1995	REG	ND 5	ND 10	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	81	ND 10
S023B1	04/19/1995	REG	ND 5	ND 10	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	310	ND 10
S023B1	07/12/1995	REG	ND 5	ND 10	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	150	ND 10
S023B1	10/24/1995	REG	ND 20	ND 20	ND 20	ND 20	NT	ND 20	ND 20	ND 20	NT	ND 20	NT	520	ND 20
S023B1	01/05/1996	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	8	NT	10	NT	320	ND 5
S023B1	04/02/1996	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	6	NT	9	NT	200	ND 5
S023B1	07/10/1996	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	6	NT	8	NT	200	ND 5
S023B1	10/08/1996	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	5	NT	180	ND 5
S023B1	01/30/1997	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	110	ND 5
S023B1	04/08/1997	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	14	NT	410	ND 10

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S023B1	07/23/1997	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	23	NT	220	ND 5
S023B1	10/22/1997	REG	ND 2	ND 4	ND 1	ND 4	NT	ND 1	ND 1	3	NT	8	NT	180	ND 1
S023B1	06/25/1998	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	100	ND 5
S023B1	12/18/1998	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	NT	3.8	NT	91	ND 2.5
S023B1	06/15/1999	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	210	ND 5
S023B1	11/05/1999	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 1	ND 0.5	ND 0.5	5.3	ND 5	7.5	ND 0.5	190	ND 0.5
S023B1	04/05/2000	REG	ND 0.5	ND 5	1.1	ND 0.5	2.1	ND 0.5	ND 0.5	3.3	ND 5	5.9	ND 0.5	120	ND 0.5
S023B1	10/25/2000	REG	ND 0.5	ND 5	0.5	ND 0.5	2.3	ND 0.5	ND 0.5	2.7	ND 5	6.3	ND 0.5	120	ND 0.5
S023B1	04/19/2001	REG	ND 0.5	ND 5	0.9	ND 0.5	1.6	ND 0.5	ND 0.5	2.7	ND 5	5	ND 0.5	100	ND 0.5
S023B1	10/22/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	2.3	ND 0.5	ND 0.5	2.2	ND 5	5.2	ND 0.5	110	ND 0.5
S023B1	10/21/2002	REG	0.7	ND 5	ND 0.5	ND 0.5	2	ND 0.5	ND 0.5	2.8	ND 5	5.4	ND 0.5	120	ND 0.5
S023B1	10/15/2003	REG	ND 0.5	ND 5	1.3	0.8	1.8	ND 0.5	ND 0.5	4.8	ND 5	6.2	ND 0.5	110	ND 0.5
S023B1	10/07/2004	REG	ND 0.7	ND 7.1	1.3	0.9	1.8	ND 0.7	ND 0.7	12	ND 7.1	7.3	ND 0.7	100	ND 0.7
S024A	04/16/1982	REG	0.3	NT	NT	NT	NT	NT	NT	NT	NT	2.8	NT	310	NT
S024A	04/12/1983	REG	5	NT	NT	NT	NT	NT	NT	NT	NT	7	NT	2800	NT
S024A	08/09/1983	REG	0.3	NT	NT	NT	NT	NT	NT	NT	NT	0.9	NT	170	NT
S024A	09/07/1983	REG	0.3	NT	NT	NT	NT	NT	NT	NT	NT	1.5	NT	210	NT
S024A	10/20/1983	REG	0.2	NT	NT	NT	NT	NT	NT	NT	NT	1.3	NT	200	NT
S024A	11/30/1983	REG	0.4	NT	NT	NT	NT	NT	NT	NT	NT	2.2	NT	340	NT
S024A	09/13/1986	REG	12	NT	NT	NT	NT	NT	NT	NT	NT	3.8	NT	260	NT
S024A	03/12/1987	REG	19	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	NT	NT	ND 2.5	NT	120	ND 2.5
S024A	06/19/1987	REG	25	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	140	ND 2.5
S024A	09/25/1987	REG	8	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	110	ND 2.5
S024A	12/02/1987	REG	4.6	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	35	ND 0.5
S024A	02/08/1988	REG	13	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	79	ND 2.5
S024A	04/25/1988	REG	6	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	75	ND 2.5

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S024A	07/26/1988	REG	5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	52	ND 2.5
S024A	10/20/1988	REG	5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	46	ND 2.5
S024A	02/08/1989	REG	6	2	ND 1	ND 1	NT	ND 1	ND 1	3	NT	ND 1	NT	71	ND 1
S024A	04/12/1989	REG	1	4	ND 1	ND 1	NT	ND 1	ND 1	3	NT	ND 1	NT	71	ND 1
S024A	07/31/1989	REG	3	ND 1	ND 1	ND 1	NT	ND 1	ND 1	ND 1	NT	ND 1	NT	53	ND 1
S024A	10/10/1989	REG	2	ND 1	ND 1	ND 1	NT	ND 1	ND 1	ND 1	NT	ND 1	NT	34	ND 1
S024A	01/24/1990	REG	5.8	34	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	22	NT	5.7	NT	400	ND 2.5
S024A	04/11/1990	REG	ND 2.5	4.4	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	3.1	NT	ND 2.5	NT	58	ND 2.5
S024A	07/11/1990	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	58	ND 10
S024A	10/10/1990	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	47	ND 2.5
S024A	01/09/1991	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	2.7	NT	ND 2.5	NT	35	ND 2.5
S024A	04/11/1991	REG	1.3	0.7	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	2.6	NT	ND 0.5	NT	28	ND 0.5
S024A	07/10/1991	REG	1.4	1.3	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	3.7	NT	ND 0.5	NT	41	ND 0.5
S024A	10/09/1991	REG	0.6	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	1.7	NT	ND 0.5	NT	27	ND 0.5
S024A	01/08/1992	REG	0.9	1.2	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	4.8	NT	ND 0.5	NT	58	ND 0.5
S024A	04/10/1992	REG	1	0.9	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	3.8	NT	ND 0.5	NT	45	ND 0.5
S024A	07/10/1992	REG	1.1	0.7	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	3.1	NT	ND 0.5	NT	49	ND 0.5
S024A	01/06/1993	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	35	ND 5
S024A	07/13/1993	REG	1	0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	2.8	NT	ND 0.5	NT	55	ND 0.5
S024A	01/18/1994	REG	0.6	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	2.8	NT	ND 0.5	NT	47	ND 0.5
S024A	07/18/1994	REG	0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	2.7	NT	ND 0.5	NT	51	ND 0.5
S024A	01/05/1995	REG	ND 0.5	ND 1	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	2	NT	ND 0.5	NT	38	ND 1
S024A	07/11/1995	REG	ND 0.5	ND 1	ND 0.5	ND 0.5	NT	ND 0.5	0.5	0.5	NT	ND 0.5	NT	17	ND 1
S024A	10/30/1995	REG	0.9	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	1.9	NT	0.6	NT	49	ND 0.5
S024A	01/05/1996	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	41	ND 2.5
S024A	07/09/1996	REG	ND 1	ND 1	ND 1	ND 1	NT	ND 1	ND 1	1	NT	ND 1	NT	38	ND 1

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S024A	01/28/1997	REG	ND 1	ND 1	ND 1	ND 1	NT	ND 1	ND 1	ND 1	NT	ND 1	NT	33	ND 1
S024A	07/23/1997	REG	ND 1	ND 1	ND 1	ND 1	NT	ND 1	ND 1	ND 1	NT	ND 1	NT	36	ND 1
S024A	10/21/1997	REG	1	ND 2	ND 0.5	ND 2	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	39	ND 0.5
S024A	06/25/1998	REG	0.6	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	0.6	NT	30	ND 0.5
S024A	12/18/1998	REG	ND 1	ND 1	ND 1	ND 1	NT	ND 1	ND 1	ND 1	NT	ND 1	NT	35	ND 1
S024A	06/14/1999	REG	ND 1	ND 1	ND 1	ND 1	NT	ND 1	ND 1	ND 1	NT	ND 1	NT	24	ND 1
S024A	11/04/1999	REG	0.9	ND 0.5	ND 0.5	ND 0.5	ND 1	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	28	ND 0.5
S024A	04/05/2000	REG	1	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	26	ND 0.5
S024A	10/25/2000	REG	1.1	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	20	ND 0.5
S024A	04/20/2001	REG	0.8	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	19	ND 0.5
S024A	10/22/2001	REG	1	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	17	ND 0.5
S024A	10/18/2002	REG	0.8	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	17	ND 0.5
S024A	10/15/2003	REG	1.3	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.5	ND 5	ND 0.5	ND 0.5	18	ND 0.5
S024A	10/07/2004	REG	0.9	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.5	ND 5	ND 0.5	ND 0.5	17	ND 0.5
S024A	11/09/2005	REG	0.8	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.7	ND 5	ND 0.5	ND 0.5	13	ND 0.5
S024A	11/07/2006	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.9	ND 5	ND 0.5	ND 0.5	13	ND 0.5
S024A	07/12/2007	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.8	ND 5	ND 0.5	ND 0.5	14	ND 0.5
S024A	10/16/2008	REG	ND 0.5	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.8	ND 5.0	ND 0.5	ND 0.5	15	ND 0.5
S024A	10/19/2009	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.8	ND 20	ND 0.5	ND 0.5	14	ND 0.5
S024A	10/19/2010	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.8	ND 20	ND 0.5	ND 0.5	13	ND 0.5
S024A	11/16/2011	REG	ND 0.5	ND 3.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.9	ND 20	ND 0.5	ND 0.5	11	ND 0.5
S024A	10/31/2012	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.7	ND 20	ND 0.5	ND 0.5	12	ND 0.5
S024A	11/13/2013	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.6	ND 20	ND 0.5	ND 0.5	12	ND 0.5
S024A	11/08/2014	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.6	ND 20	ND 0.5	ND 0.5	14	ND 0.5
S024A	11/25/2015	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.6	ND 20	ND 0.5	ND 0.5	12	ND 0.5
S024A	11/14/2016	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	11	ND 0.5

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S024A	10/19/2017	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1	ND 20	ND 0.5	ND 0.5	18	ND 0.5
S024A	11/14/2018	REG	ND 0.5	ND 0.5	0.165 J	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.7	ND 0.5	ND 0.5	ND 0.5	13	ND 0.5
S024B1	04/15/1982	REG	0.8	NT	NT	NT	NT	NT	NT	NT	NT	1.8	NT	2300	NT
S024B1	04/12/1983	REG	ND 1	NT	NT	NT	NT	NT	NT	NT	NT	ND 1	NT	91	NT
S024B1	08/09/1983	REG	0.7	NT	NT	NT	NT	NT	NT	NT	NT	1.4	NT	1800	NT
S024B1	09/07/1983	REG	1.3	NT	NT	NT	NT	NT	NT	NT	NT	1.9	NT	2200	NT
S024B1	10/20/1983	REG	0.9	NT	NT	NT	NT	NT	NT	NT	NT	0.7	NT	1300	NT
S024B1	11/30/1983	REG	1.3	NT	NT	NT	NT	NT	NT	NT	NT	0.9	NT	1800	NT
S024B1	09/15/1986	REG	4.5	NT	NT	NT	NT	NT	NT	NT	NT	2.9	NT	2000	NT
S024B1	03/16/1987	REG	26	340	ND 25	ND 25	NT	ND 25	ND 25	NT	NT	ND 25	NT	3500	ND 25
S024B1	06/22/1987	REG	ND 100	320	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	4100	ND 100
S024B1	09/28/1987	REG	ND 50	210	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	2600	ND 50
S024B1	12/02/1987	REG	ND 50	120	ND 50	ND 50	NT	ND 50	ND 50	70	NT	ND 50	NT	2900	ND 50
S024B1	02/12/1988	REG	ND 50	190	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	2500	ND 50
S024B1	04/27/1988	REG	ND 50	160	ND 50	ND 50	NT	ND 50	ND 50	50	NT	ND 50	NT	1900	ND 50
S024B1	07/29/1988	REG	ND 50	120	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	2100	ND 50
S024B1	10/23/1988	REG	ND 50	110	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	2100	ND 50
S024B1	02/14/1989	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1200	ND 50
S024B1	04/13/1989	REG	ND 50	110	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1500	ND 50
S024B1	08/07/1989	REG	ND 25	83	ND 25	ND 25	NT	ND 25	ND 25	33	NT	ND 25	NT	1600	ND 25
S024B1	10/11/1989	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	1200	ND 25
S024B1	01/30/1990	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	680	ND 50
S024B1	04/12/1990	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1300	ND 50
S024B1	07/13/1990	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1400	ND 50
S024B1	10/11/1990	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1000	ND 50
S024B1	01/09/1991	REG	ND 25	44	ND 25	ND 25	NT	ND 25	ND 25	33	NT	ND 25	NT	810	ND 25

Notes:
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S024B1	04/10/1991	REG	ND 10	30	ND 10	ND 10	NT	ND 10	ND 10	15	NT	ND 10	NT	390	ND 10
S024B1	07/11/1991	REG	ND 10	17	ND 10	ND 10	NT	ND 10	ND 10	23	NT	ND 10	NT	480	ND 10
S024B1	10/09/1991	REG	ND 10	17	ND 10	ND 10	NT	ND 10	ND 10	23	NT	ND 10	NT	560	ND 10
S024B1	01/08/1992	REG	ND 2.5	3.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	10	NT	ND 2.5	NT	160	ND 2.5
S024B1	04/07/1992	REG	ND 10	15	ND 10	ND 10	NT	ND 10	ND 10	47	NT	ND 10	NT	410	ND 10
S024B1	07/07/1992	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	610	ND 10
S024B1	01/07/1993	REG	ND 0.5	ND 0.5	ND 0.5	0.7	NT	ND 0.5	ND 0.5	2.3	NT	ND 0.5	NT	30	ND 0.5
S024B1	07/12/1993	REG	ND 5	17	ND 5	ND 5	NT	ND 5	ND 5	29	NT	ND 5	NT	360	ND 5
S024B1	01/19/1994	REG	ND 5	7.4	ND 5	ND 5	NT	ND 5	ND 5	25	NT	ND 5	NT	270	ND 5
S024B1	07/19/1994	REG	ND 5	6.2	ND 5	ND 5	NT	ND 5	ND 5	24	NT	ND 5	NT	260	ND 5
S024B1	01/06/1995	REG	ND 5	ND 10	ND 5	ND 5	NT	ND 5	ND 5	14	NT	ND 5	NT	190	ND 10
S024B1	07/12/1995	REG	ND 5	14	ND 5	ND 5	NT	ND 5	ND 5	43	NT	ND 5	NT	300	ND 10
S024B1	10/30/1995	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	16	NT	ND 10	NT	190	ND 10
S024B1	01/10/1996	REG	ND 10	12	ND 10	ND 10	NT	ND 10	ND 10	34	NT	ND 10	NT	310	ND 10
S024B1	07/10/1996	REG	ND 10	23	ND 10	ND 10	NT	ND 10	ND 10	66	NT	ND 10	NT	450	ND 10
S024B1	02/04/1997	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	19	NT	ND 10	NT	230	ND 10
S024B1	07/24/1997	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	140	ND 10
S024B1	10/23/1997	REG	1	9	ND 0.5	ND 2	NT	ND 0.5	ND 0.5	41	NT	ND 0.5	NT	440	ND 0.5
S024B1	06/25/1998	REG	0.6	0.8	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	2.3	NT	ND 0.5	NT	28	ND 0.5
S024B1	12/18/1998	REG	0.8	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	17	ND 0.5
S024B1	06/28/1999	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	4.9	ND 0.5
S024B1	11/10/1999	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 1	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	3.2	ND 0.5
S024B1	04/14/2000	REG	ND 1.7	17	ND 1.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	32	ND 17	1.9	ND 1.7	400	ND 1.7
S024B1	10/28/2000	REG	0.9	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.8	ND 5	ND 0.5	ND 0.5	37	ND 0.5
S024B1	04/20/2001	REG	1.1	12	ND 0.5	0.7	ND 0.5	ND 0.5	ND 0.5	20	ND 5	1.2	0.8	230	ND 0.5
S024B1	10/24/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.7	ND 5	ND 0.5	ND 0.5	22	ND 0.5

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S024B1	10/21/2002	REG	0.8	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.9	ND 5	ND 0.5	ND 0.5	27	ND 0.5
S024B1	10/21/2003	REG	2	ND 10	ND 1	ND 1	ND 1	ND 1	ND 1	22	ND 10	1.8	ND 1	300	ND 1
S024B1	10/11/2004	REG	0.8	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.9	ND 5	ND 0.5	ND 0.5	34	ND 0.5
S024B1	11/30/2005	REG	ND 1.7	ND 17	ND 1.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	17	ND 17	2.2	ND 1.7	270	ND 1.7
S024B1	11/10/2006	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	2.7	ND 5	ND 0.5	ND 0.5	46	ND 0.5
S024B1	07/24/2007	REG	ND 2	ND 20	ND 2	ND 2	ND 2	ND 2	ND 2	15	ND 20	2.1	ND 2	310	ND 2
S024B1	10/24/2008	REG	ND 2.0	ND 20	ND 2.0	ND 2.0	ND 2.0	ND 2.0	ND 2.0	15	ND 20	ND 2.0	ND 2.0	240	ND 2.0
S024B1	10/29/2009	REG	ND 2.0	ND 8.0	ND 2.0	ND 2.0	ND 2.0	ND 2.0	ND 2.0	15	ND 80	ND 2.0	ND 2.0	260	ND 2.0
S024B1	10/28/2010	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.1	ND 20	ND 0.5	ND 0.5	19	ND 0.5
S024B1	12/01/2011	REG	ND 0.5	8.7	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	2.7	ND 20	ND 0.5	ND 0.5	49	ND 0.5
S024B1	11/07/2012	REG	ND 0.5	5.7	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.9	ND 20	ND 0.5	ND 0.5	37	ND 0.5
S024B1	11/18/2013	REG	ND 0.5	5.1	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	2	ND 20	ND 0.5	ND 0.5	30	ND 0.5
S024B1	11/13/2014	REG	ND 0.5	4.3	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.8	ND 20	ND 0.5	ND 0.5	32	ND 0.5
S024B1	11/30/2015	REG	ND 0.5	3.6	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.6	ND 20	ND 0.5	ND 0.5	28	ND 0.5
S024B1	11/17/2016	FD	ND 0.5	6.8	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	2.1	ND 20	ND 0.5	ND 0.5	41	ND 0.5
S024B1	11/17/2016	REG	ND 0.5	6.4	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	2.2	ND 20	ND 0.5	ND 0.5	38	ND 0.5
S024B1	10/25/2017	FD	ND 0.5	11	ND 0.5	0.6	ND 0.5	ND 0.5	ND 0.5	3	ND 20	ND 0.5	ND 0.5	74	ND 0.5
S024B1	10/25/2017	REG	ND 0.5	10	ND 0.5	0.5	ND 0.5	ND 0.5	ND 0.5	3	ND 20	ND 0.5	ND 0.5	73	ND 0.5
S024B1	11/14/2018	FD	ND 0.5	6.4	0.340 J	0.463 J	ND 0.5	ND 0.5	ND 0.5	2.4	ND 0.5	0.19 J	ND 0.5	90	ND 0.5
S024B1	11/14/2018	REG	0.336 J	7.2	0.306 J	0.566	ND 0.5	ND 0.5	ND 0.5	2.5	ND 0.5	ND 0.5	ND 0.5	97	ND 0.5
S025A	04/03/1982	REG	5	NT	NT	NT	NT	NT	NT	NT	NT	3.2	NT	13000	NT
S025A	12/10/1982	REG	2	NT	NT	NT	NT	NT	NT	NT	NT	4	NT	4500	NT
S025A	04/11/1983	REG	ND 1	NT	NT	NT	NT	NT	NT	NT	NT	5	NT	21000	NT
S025A	08/11/1983	REG	0.3	NT	NT	NT	NT	NT	NT	NT	NT	4.6	NT	20000	NT
S025A	09/06/1983	REG	0.1	NT	NT	NT	NT	NT	NT	NT	NT	7.5	NT	23000	NT
S025A	03/29/1984	REG	0.15	NT	NT	NT	NT	NT	NT	NT	NT	3	NT	8000	NT

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S025A	06/26/1984	REG	0.7	NT	NT	NT	NT	NT	NT	NT	NT	4.7	NT	17000	NT
S025A	10/02/1984	REG	0.3	NT	NT	NT	NT	NT	NT	NT	NT	9.3	NT	33000	NT
S025A	12/11/1984	REG	0.47	NT	NT	NT	NT	NT	NT	NT	NT	13	NT	31000	NT
S025A	03/06/1985	REG	4	NT	NT	NT	NT	NT	NT	NT	NT	5.7	NT	20000	NT
S025A	06/21/1985	REG	0.25	NT	NT	NT	NT	NT	NT	NT	NT	7	NT	47000	NT
S025A	11/27/1985	REG	ND 0.5	NT	NT	NT	NT	NT	NT	NT	NT	6.4	NT	17000	NT
S025A	12/12/1985	REG	ND 0.5	NT	NT	NT	NT	NT	NT	NT	NT	7.3	NT	17000	NT
S025A	03/11/1986	REG	ND 200	ND 200	ND 200	ND 200	NT	ND 200	ND 200	330	NT	ND 200	NT	10000	ND 400
S025A	05/30/1986	REG	ND 200	ND 200	ND 200	ND 200	NT	ND 200	ND 200	380	NT	ND 200	NT	11000	ND 400
S025A	10/02/1986	FD	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	340	NT	ND 100	NT	5100	ND 200
S025A	10/02/1986	REG	1.5	NT	NT	NT	NT	NT	NT	NT	NT	1	NT	3400	NT
S025A	12/11/1986	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	730	NT	ND 100	NT	6900	ND 200
S025A	06/23/1987	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	800	NT	ND 250	NT	15000	ND 250
S025A	09/28/1987	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	700	NT	ND 250	NT	11000	ND 250
S025A	12/03/1987	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	11000	ND 250
S025A	02/12/1988	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	870	NT	ND 50	NT	2900	ND 50
S025A	04/27/1988	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	5	NT	ND 2.5	NT	42	ND 2.5
S025A	07/29/1988	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	400	NT	ND 100	NT	5400	ND 100
S025A	10/24/1988	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	1600	NT	ND 100	NT	2800	ND 100
S025A	02/14/1989	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	1600	NT	ND 100	NT	4800	ND 100
S025A	04/17/1989	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	190	NT	ND 100	NT	2400	ND 100
S025A	08/07/1989	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	400	NT	ND 50	NT	4000	ND 50
S025A	10/12/1989	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	470	NT	ND 250	NT	7000	ND 250
S025A	04/13/1990	REG	ND 10	16	33	11	NT	ND 10	ND 10	380	NT	ND 10	NT	3300	ND 10
S025A	07/12/1990	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	300	NT	ND 100	NT	2000	ND 100
S025A	10/11/1990	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	500	NT	ND 100	NT	3700	ND 100

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S025A	04/11/1991	REG	1.7	9.2	13	4.5	NT	ND 0.5	0.7	143	NT	4.7	NT	1600	ND 0.5
S025A	07/11/1991	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	220	NT	ND 10	NT	1500	ND 10
S025A	10/11/1991	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	280	NT	ND 10	NT	2300	ND 10
S025A	01/10/1992	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	240	NT	ND 10	NT	1500	ND 10
S025A	04/09/1992	REG	ND 10	ND 10	16	ND 10	NT	ND 10	ND 10	270	NT	ND 10	NT	1900	ND 10
S025A	07/09/1992	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	370	NT	ND 50	NT	2800	ND 50
S025A	10/09/1992	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	430	NT	ND 50	NT	4400	ND 50
S025A	01/08/1993	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	75	NT	ND 50	NT	2200	ND 50
S025A	04/14/1993	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	210	NT	ND 50	NT	3300	ND 50
S025A	07/14/1993	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	410	NT	ND 50	NT	4600	ND 50
S025A	10/13/1993	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	290	NT	ND 100	NT	9600	ND 100
S025A	01/20/1994	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	220	NT	ND 25	NT	1800	ND 25
S025A	04/19/1994	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	360	NT	ND 50	NT	3800	ND 50
S025A	07/22/1994	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	1600	ND 100
S025A	10/05/1994	REG	ND 100	ND 100	ND 100	110	NT	ND 100	ND 100	340	NT	ND 100	NT	5100	ND 100
S025A	04/20/1995	REG	ND 100	ND 200	150	170	NT	ND 100	ND 100	310	NT	ND 100	NT	3200	ND 200
S025A	07/13/1995	REG	ND 50	ND 100	ND 50	ND 50	NT	ND 50	ND 50	950	NT	ND 50	NT	2400	ND 100
S025A	10/26/1995	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	620	NT	ND 100	NT	1300	ND 100
S025A	01/11/1996	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	420	NT	ND 50	NT	1900	ND 50
S025A	04/02/1996	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	490	NT	ND 50	NT	1600	ND 50
S025A	07/12/1996	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	490	NT	ND 100	NT	2300	ND 100
S025A	10/08/1996	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	350	NT	ND 100	NT	3400	ND 100
S025A	02/04/1997	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	1200	NT	ND 50	NT	1700	ND 50
S025A	04/08/1997	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	1600	NT	ND 50	NT	1400	ND 50
S025A	07/24/1997	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	4100	NT	ND 100	NT	1300	ND 100
S025A	10/23/1997	REG	ND 20	ND 40	ND 10	ND 40	NT	ND 10	ND 10	3600	NT	ND 10	NT	410	ND 10

Notes:
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APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S025A	06/29/1998	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	1300	NT	ND 10	NT	160	ND 10
S025A	12/16/1998	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	1500	NT	ND 100	NT	230	170
S025A	11/13/1999	REG	ND 0.5	2.6	12	7.6	ND 1	ND 0.5	ND 0.5	4600	ND 5	ND 0.5	11	120	110
S025A	04/20/2000	REG	ND 8.3	ND 83	8.5	ND 8.3	ND 8.3	ND 8.3	ND 8.3	2300	ND 83	ND 8.3	ND 8.3	150	37
S025A	10/30/2000	REG	ND 4.2	ND 42	8.5	ND 4.2	ND 4.2	ND 4.2	ND 4.2	1400	ND 42	ND 4.2	4.4	200	9.9
S025A	04/23/2001	REG	ND 10	ND 100	ND 10	ND 10	ND 10	ND 10	ND 10	2800	ND 100	ND 10	ND 10	150	29
S025A	10/29/2001	REG	ND 10	ND 100	ND 10	ND 10	ND 10	ND 10	ND 10	2400	ND 100	ND 10	ND 10	78	40
S025A	10/24/2002	REG	ND 6.3	ND 63	ND 6.3	ND 6.3	ND 6.3	ND 6.3	ND 6.3	1700	ND 63	ND 6.3	65	320	8.6
S025A	10/20/2003	REG	ND 6.3	ND 63	ND 6.3	ND 6.3	ND 6.3	ND 6.3	ND 6.3	1600	ND 63	ND 6.3	ND 6.3	110	44
S025A	10/11/2004	REG	ND 1.3	ND 13	6.3	1.8	ND 1.3	ND 1.3	ND 1.3	1100	ND 13	ND 1.3	5.5	53	36
S025A	11/07/2005	REG	ND 13	ND 130	ND 13	ND 13	ND 13	ND 13	ND 13	1900	ND 130	ND 13	34	64	23
S025A	11/07/2006	REG	ND 13	140	ND 13	ND 13	ND 13	ND 13	ND 13	2300	ND 130	ND 13	ND 13	180	13
S025A	07/17/2007	REG	ND 13	ND 130	ND 13	ND 13	ND 13	ND 13	ND 13	1900	ND 130	ND 13	21	65	32
S025A	10/17/2008	REG	ND 10	ND 100	12	ND 10	ND 10	ND 10	ND 10	2600	ND 100	ND 10	15	100	150
S025A	10/20/2009	REG	ND 10	ND 40	ND 10	ND 10	ND 10	ND 10	ND 10	1500	ND 400	ND 10	11	25	130
S025A	10/20/2010	REG	ND 6.3	ND 25	ND 6.3	ND 6.3	ND 6.3	ND 6.3	ND 6.3	830	ND 250	ND 6.3	ND 6.3	97	29
S025A	11/16/2011	REG	ND 5.0	ND 30	5.5	ND 5.0	ND 5.0	ND 5.0	ND 5.0	1200	ND 200	ND 5.0	16	27	100
S025A	11/01/2012	REG	ND 6.3	ND 25	ND 6.3	ND 6.3	ND 6.3	ND 6.3	ND 6.3	600	ND 250	ND 6.3	13	26	97
S025A	11/14/2013	REG	ND 6.3	ND 25	7.5	ND 6.3	ND 6.3	ND 6.3	ND 6.3	2100	ND 250	ND 6.3	12	29	90
S025A	11/08/2014	REG	ND 17	ND 67	ND 17	ND 17	ND 17	ND 17	ND 17	2000	ND 670	ND 17	29	ND 17	120
S025A	11/25/2015	REG	ND 13	ND 50	ND 13	ND 13	ND 13	ND 13	ND 13	2100	ND 500	ND 13	17	15	61
S025A	11/14/2016	REG	ND 13	ND 50	ND 13	ND 13	ND 13	ND 13	ND 13	1300	ND 500	ND 13	29	ND 13	250
S025A	10/23/2017	REG	ND 10	53	ND 10	ND 10	ND 10	ND 10	ND 10	1800	ND 400	ND 10	20	35	88
S025A	11/15/2018	REG	ND 0.5	65	7.1	4.7	ND 0.5	ND 0.5	ND 0.5	1900	0.65 B	0.28 J	7	100	72
S025B1	04/16/1982	REG	6.3	NT	NT	NT	NT	NT	NT	NT	NT	2.5	NT	1600	NT
S025B1	12/10/1982	REG	1	NT	NT	NT	NT	NT	NT	NT	NT	ND 1	NT	24	NT

Notes:
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S025B1	04/11/1983	REG	ND 1	NT	NT	NT	NT	NT	NT	NT	NT	ND 1	NT	28	NT
S025B1	08/09/1983	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	17	NT
S025B1	09/19/1983	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	0.1	NT	17	NT
S025B1	09/21/1983	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	19	NT
S025B1	06/25/1984	REG	0.52	NT	NT	NT	NT	NT	NT	NT	NT	0.17	NT	36	NT
S025B1	12/11/1984	REG	ND 0.2	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.2	NT	16	NT
S025B1	03/05/1985	REG	0.75	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	41	NT
S025B1	06/18/1985	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	7.3	NT
S025B1	10/04/1985	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	7	NT
S025B1	12/13/1985	REG	ND 0.5	NT	NT	NT	NT	NT	NT	NT	NT	0.8	NT	29	NT
S025B1	03/11/1986	REG	ND 2	29	8	ND 6	NT	ND 2	ND 2	ND 2	NT	ND 2	NT	130	ND 4
S025B1	05/07/1986	FD	ND 0.2	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.2	NT	1.7	NT
S025B1	05/07/1986	REG	ND 2	2	ND 2	ND 2	NT	ND 2	ND 2	ND 2	NT	ND 2	NT	2	ND 7
S025B1	07/09/1986	REG	ND 10	260	ND 10	19	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	690	ND 20
S025B1	09/12/1986	FD	0.8	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	520	NT
S025B1	09/12/1986	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	330	ND 20
S025B1	12/11/1986	REG	ND 10	ND 10	15	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	600	ND 20
S025B1	03/13/1987	REG	ND 5	130	69	ND 5	NT	ND 5	ND 5	NT	NT	ND 5	NT	1400	ND 5
S025B1	06/19/1987	REG	ND 25	ND 25	ND 25	85	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	1400	ND 25
S025B1	09/28/1987	REG	ND 25	ND 25	130	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	650	ND 25
S025B1	12/01/1987	REG	ND 25	50	60	90	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	1800	ND 25
S025B1	02/10/1988	REG	ND 10	ND 10	ND 10	32	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	480	ND 10
S025B1	04/25/1988	REG	ND 10	55	82	87	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	550	ND 10
S025B1	09/01/1988	REG	ND 10	40	58	58	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	660	ND 10
S025B1	10/21/1988	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	110	ND 5
S025B1	02/09/1989	REG	35	ND 25	ND 25	ND 25	NT	ND 25	ND 25	26	NT	ND 25	NT	1200	ND 25

Notes:
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S025B1	04/12/1989	REG	ND 5	ND 5	9	ND 5	NT	ND 5	ND 5	30	NT	ND 5	NT	390	ND 5
S025B1	08/02/1989	FD	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	160	NT	ND 50	NT	3600	ND 50
S025B1	08/02/1989	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	170	NT	ND 50	NT	4000	ND 50
S025B1	10/10/1989	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	150	NT	ND 50	NT	2500	ND 50
S025B1	01/26/1990	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	260	NT	ND 50	NT	3700	ND 50
S025B1	04/13/1990	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	53	NT	ND 50	NT	940	ND 50
S025B1	07/12/1990	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1000	ND 50
S025B1	10/11/1990	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	54	NT	ND 50	NT	2500	ND 50
S025B1	01/10/1991	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	88	NT	ND 50	NT	2400	ND 50
S025B1	04/11/1991	REG	ND 50	500	ND 50	ND 50	NT	ND 50	ND 50	60	NT	ND 50	NT	3800	ND 50
S025B1	07/12/1991	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	50	NT	ND 10	NT	820	ND 10
S025B1	10/10/1991	REG	ND 10	19	ND 10	ND 10	NT	ND 10	ND 10	89	NT	ND 10	NT	3100	ND 10
S025B1	01/10/1992	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	2200	ND 50
S025B1	04/09/1992	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	160	NT	ND 50	NT	3600	ND 50
S025B1	07/09/1992	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	100	NT	ND 50	NT	1600	ND 50
S025B1	10/09/1992	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	2400	ND 50
S025B1	01/08/1993	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	2000	ND 50
S025B1	04/14/1993	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	790	ND 50
S025B1	07/14/1993	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	84	NT	ND 25	NT	2100	ND 25
S025B1	10/11/1993	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	4100	ND 50
S025B1	01/20/1994	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	62	NT	ND 50	NT	1600	ND 50
S025B1	04/19/1994	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	91	NT	ND 50	NT	2000	ND 50
S025B1	07/22/1994	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	140	NT	ND 25	NT	1800	ND 25
S025B1	10/05/1994	REG	ND 50	ND 50	ND 50	69	NT	ND 50	ND 50	190	NT	ND 50	NT	3600	ND 50
S025B1	01/12/1995	REG	ND 25	ND 50	ND 25	ND 25	NT	ND 25	ND 25	100	NT	ND 25	NT	1500	ND 50
S025B1	04/20/1995	REG	ND 50	ND 100	71	ND 50	NT	ND 50	ND 50	120	NT	ND 50	NT	2300	ND 100

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S025B1	07/13/1995	REG	ND 50	ND 100	ND 50	ND 50	NT	ND 50	ND 50	170	NT	ND 50	NT	2500	ND 100
S025B1	10/26/1995	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	220	NT	ND 50	NT	2200	ND 50
S025B1	01/11/1996	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	190	NT	ND 50	NT	2700	ND 50
S025B1	04/03/1996	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	160	NT	ND 50	NT	1800	ND 50
S025B1	07/12/1996	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	130	NT	ND 100	NT	2200	ND 100
S025B1	10/09/1996	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	1600	ND 100
S025B1	02/06/1997	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	3700	NT	ND 100	NT	4800	ND 100
S025B1	04/08/1997	REG	ND 50	110	ND 50	ND 50	NT	ND 50	ND 50	1100	NT	ND 50	NT	1400	ND 50
S025B1	07/25/1997	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	2100	NT	ND 100	NT	1300	ND 100
S025B1	10/23/1997	REG	ND 20	93	ND 10	ND 40	NT	ND 10	ND 10	2100	NT	ND 10	NT	1700	ND 10
S025B1	06/29/1998	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	4900	NT	ND 10	NT	410	ND 10
S025B1	12/16/1998	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	3900	NT	ND 100	NT	ND 100	ND 100
S025B1	06/16/1999	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	4500	NT	ND 100	NT	ND 100	ND 100
S025B1	11/15/1999	FD	ND 0.5	7.4	14	14	ND 1	ND 0.5	ND 0.5	6700	ND 5	ND 0.5	23	76	21
S025B1	11/15/1999	REG	ND 25	ND 25	ND 25	ND 25	ND 50	ND 25	ND 25	5200	ND 250	ND 25	ND 25	47	ND 25
S025B1	04/20/2000	FD	ND 17	ND 170	ND 17	ND 17	ND 17	ND 17	ND 17	4400	ND 170	ND 17	ND 17	35	ND 17
S025B1	04/20/2000	REG	ND 17	ND 170	ND 17	17	ND 17	ND 17	ND 17	4500	ND 170	ND 17	ND 17	37	ND 17
S025B1	11/01/2000	REG	ND 10	ND 100	13	ND 10	ND 10	ND 10	ND 10	3000	ND 100	ND 10	ND 10	36	ND 10
S025B1	04/30/2001	REG	ND 10	ND 100	11	11	ND 10	ND 10	ND 10	3300	ND 100	ND 10	12	27	ND 10
S025B1	10/29/2001	REG	ND 10	ND 100	ND 10	ND 10	ND 10	ND 10	ND 10	2900	ND 100	ND 10	50	43	ND 10
S025B1	10/24/2002	REG	ND 13	ND 130	ND 13	ND 13	ND 13	ND 13	ND 13	3600	ND 130	ND 13	ND 13	37	ND 13
S025B1	10/28/2003	REG	ND 13	ND 130	ND 13	ND 13	ND 13	ND 13	ND 13	3500	ND 130	ND 13	ND 13	18	ND 13
S025B1	10/15/2004	FD	ND 20	ND 200	ND 20	ND 20	ND 20	ND 20	ND 20	2600	ND 200	ND 20	ND 20	25	ND 20
S025B1	10/15/2004	REG	ND 25	ND 250	ND 25	ND 25	ND 25	ND 25	ND 25	3100	ND 250	ND 25	ND 25	ND 25	ND 25
S025B1	11/08/2005	FD	ND 17	ND 170	ND 17	ND 17	ND 17	ND 17	ND 17	2900	ND 170	ND 17	32	43	ND 17
S025B1	11/08/2005	REG	ND 17	ND 170	ND 17	ND 17	ND 17	ND 17	ND 17	2800	ND 170	ND 17	24	39	ND 17

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S025B1	12/04/2006	FD	ND 8.3	110	11	12	ND 8.3	ND 8.3	ND 8.3	3100	ND 83	ND 8.3	17	190	ND 8.3
S025B1	12/04/2006	REG	ND 25	ND 250	ND 25	ND 25	ND 25	ND 25	ND 25	3100	ND 250	ND 25	ND 25	180	ND 25
S025B1	07/30/2007	FD	ND 25	ND 250	ND 25	ND 25	ND 25	ND 25	ND 25	3000	ND 250	ND 25	ND 25	130	ND 25
S025B1	07/30/2007	REG	ND 20	ND 200	ND 20	ND 20	ND 20	ND 20	ND 20	2800	ND 200	ND 20	ND 20	110	ND 20
S025B1	10/28/2008	REG	ND 20	ND 200	30	41	ND 20	ND 20	ND 20	4800	ND 200	ND 20	20	30	ND 20
S025B1	11/02/2009	REG	ND 17	ND 67	ND 17	ND 17	ND 17	ND 17	ND 17	2700	ND 670	ND 17	18	170	ND 17
S025B1	10/29/2010	REG	ND 3.1	ND 13	ND 3.1	ND 3.1	ND 3.1	ND 3.1	ND 3.1	420	ND 130	ND 3.1	5.3	20	ND 3.1
S025B1	12/03/2011	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	11	ND 20	ND 0.5	ND 0.5	2.1	ND 0.5
S025B1	11/07/2012	REG	ND 0.5	2	0.5	0.5	ND 0.5	ND 0.5	ND 0.5	250	ND 20	ND 0.5	0.6	39	ND 0.5
S025B1	11/18/2013	FD	ND 3.6	ND 14	ND 3.6	ND 3.6	ND 3.6	ND 3.6	ND 3.6	580	ND 140	ND 3.6	ND 3.6	25	ND 3.6
S025B1	11/18/2013	REG	ND 2.0	ND 8.0	2.4	2.7	ND 2.0	ND 2.0	ND 2.0	630	ND 80	ND 2.0	17	24	ND 2.0
S025B1	11/15/2014	FD	ND 5.0	ND 20	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	580	ND 200	ND 5.0	ND 5.0	19	ND 5.0
S025B1	11/15/2014	REG	ND 5.0	ND 20	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	590	ND 200	ND 5.0	ND 5.0	20	ND 5.0
S025B1	12/01/2015	REG	ND 4.2	ND 17	ND 4.2	4.2	ND 4.2	ND 4.2	ND 4.2	2300	ND 170	ND 4.2	18	21	ND 4.2
S025B1	11/20/2016	REG	ND 10	ND 40	ND 10	ND 10	ND 10	ND 10	ND 10	1900	ND 400	ND 10	ND 10	33	ND 10
S025B1	11/05/2017	FD	ND 13	ND 50	ND 13	ND 13	ND 13	ND 13	ND 13	1700	ND 500	ND 13	ND 13	26	ND 13
S025B1	11/05/2017	REG	ND 13	ND 50	ND 13	ND 13	ND 13	ND 13	ND 13	2000	ND 500	ND 13	ND 13	22	ND 13
S025B1	11/15/2018	FD	ND 0.5	0.53	0.130 J	0.140 J	ND 0.5	ND 0.5	ND 0.5	35	0.57 B	0.20 J	0.33 J	72	ND 0.5
S025B1	11/15/2018	REG	ND 5	35	6.5	6.2	ND 5	ND 5	ND 5	1900	18 B	ND 5	16	58	15
S025B4	05/07/1986	FD	ND 0.2	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.2	NT	1.7	NT
S025B4	05/07/1986	REG	ND 2	2	ND 2	ND 2	NT	ND 2	ND 2	ND 2	NT	ND 2	NT	ND 2	ND 7
S025B4	10/01/1986	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	ND 0.1	NT
S025B4	03/09/1987	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	2.4	NT	NT	ND 0.5	NT	ND 0.5	ND 0.05
S025B4	02/10/1988	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S025B4	02/23/1989	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S025B4	01/30/1990	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5

Notes:
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J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S025B4	01/10/1991	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S025B4	01/08/1992	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S025B4	01/19/1993	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S025B4	01/21/1994	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	1.1	ND 0.5
S025B4	01/20/1995	REG	ND 0.5	ND 1	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 1
S025B4	01/17/1996	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	5.1	ND 0.5
S025B4	04/17/1996	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S025B4	02/05/1997	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S025B4	10/16/1997	REG	ND 1	ND 2	ND 0.5	ND 2	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S025B4	06/29/1998	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S025B4	06/11/1999	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S025B4	10/29/1999	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 1	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S025B4	04/05/2000	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	0.5	ND 0.5
S025B4	11/01/2000	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S025B4	04/18/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S025B4	10/18/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S025B4	10/21/2002	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S025B4	10/23/2003	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S025B4	10/18/2004	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S025B4	11/11/2005	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S025B4	11/03/2006	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S025B4	08/06/2007	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S025B4	10/29/2008	REG	ND 0.5	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S025B4	11/03/2009	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S025B4	11/01/2010	FD	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S025B4	11/01/2010	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S025B4	12/07/2011	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S025B4	11/28/2012	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S025B4	11/21/2013	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S025B4	11/19/2014	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S025B4	12/04/2015	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S025B4	12/07/2016	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S025B4	12/07/2017	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S025B4	11/15/2018	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.350 J	0.44 JB	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S026A	04/03/1982	REG	1.4	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.5	NT	10	NT
S026A	04/11/1983	REG	ND 1	NT	NT	NT	NT	NT	NT	NT	NT	ND 1	NT	ND 1	NT
S026A	09/07/1983	REG	ND 0.2	NT	NT	NT	NT	NT	NT	NT	NT	0.1	NT	77	NT
S026A	03/05/1985	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	0.84	NT
S026A	06/17/1985	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	8.4	NT
S026A	10/04/1985	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	1.3	NT
S026A	12/12/1985	REG	ND 0.5	NT	NT	NT	NT	NT	NT	NT	NT	0.9	NT	3	NT
S026A	03/07/1986	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	3.9	ND 1
S026A	07/09/1986	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	0.8	ND 1
S026A	09/10/1986	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 1
S026A	09/11/1986	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	0.7	NT
S026A	12/05/1986	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	1.7	ND 1
S026A	03/13/1987	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	NT	NT	ND 0.5	NT	ND 0.5	ND 0.5
S026A	02/02/1988	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	0.7	ND 0.5
S026A	02/07/1989	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S026A	01/25/1990	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S026A	01/08/1991	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	3.1	ND 0.5
S026A	01/09/1992	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S026A	01/05/1993	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S026A	01/17/1994	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	9.7	ND 0.5
S026A	01/05/1995	REG	ND 0.5	ND 1	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	0.7	ND 1
S026A	01/04/1996	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	1.4	ND 0.5
S026A	01/27/1997	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	0.9	ND 0.5
S026A	10/15/1997	REG	ND 1	ND 2	ND 0.5	ND 2	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	2.1	ND 0.5
S026A	06/25/1998	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	1.6	ND 0.5
S026A	06/11/1999	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	0.6	ND 0.5
S026A	10/29/1999	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 1	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	1.8	ND 0.5
S026A	04/15/2000	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	9.3	ND 0.5
S026A	10/24/2000	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	2.6	ND 0.5
S026A	04/20/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	1.7	ND 0.5
S026A	10/23/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	1.2	ND 0.5
S026A	10/21/2002	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	1.3	ND 0.5
S026A	10/22/2003	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	1.1	ND 0.5
S026A	10/11/2004	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	0.9	ND 0.5
S026A	11/04/2005	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	0.7	ND 0.5
S026A	11/07/2006	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	1.1	ND 0.5
S026A	07/19/2007	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	0.7	ND 0.5
S026A	10/20/2008	REG	ND 0.5	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 0.5	ND 0.5	1.3	ND 0.5
S026A	10/21/2009	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	0.7	ND 0.5
S026A	10/20/2010	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	0.7	ND 0.5
S026A	11/16/2011	REG	ND 0.5	ND 3.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	1.6	ND 0.5
S026A	11/07/2012	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S026A	11/14/2013	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S026A	11/08/2014	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.7	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter
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APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S026A	11/25/2015	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	0.7	ND 0.5
S026A	11/14/2016	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	0.5	ND 0.5
S026A	10/23/2017	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.6	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S026A	11/14/2018	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.921	ND 0.5
S026B1	04/20/1982	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.5	NT	2.1	NT
S026B1	04/11/1983	REG	ND 1	NT	NT	NT	NT	NT	NT	NT	NT	ND 1	NT	ND 1	NT
S026B1	03/05/1985	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	0.42	NT
S026B1	06/17/1985	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	0.24	NT
S026B1	10/14/1985	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	7.6	NT
S026B1	12/12/1985	REG	ND 0.5	NT	NT	NT	NT	NT	NT	NT	NT	1	NT	1.6	NT
S026B1	03/07/1986	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 1
S026B1	06/03/1986	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 1
S026B1	09/10/1986	FD	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	0.18	NT
S026B1	09/10/1986	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 1
S026B1	12/10/1986	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 1
S026B1	03/12/1987	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	NT	NT	ND 0.5	NT	ND 0.5	ND 0.5
S026B1	02/09/1988	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	1.1	ND 0.5
S026B1	02/07/1989	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	17	ND 0.5
S026B1	01/24/1990	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	9.1	NT	ND 0.5	NT	31	ND 0.5
S026B1	01/08/1991	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	4.1	NT	ND 0.5	NT	44	ND 0.5
S026B1	01/07/1992	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	7.3	NT	ND 0.5	NT	130	ND 0.5
S026B1	01/06/1993	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	130	ND 5
S026B1	07/15/1993	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	8.9	NT	ND 5	NT	120	ND 5
S026B1	01/17/1994	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	6.2	NT	ND 5	NT	40	ND 5
S026B1	07/22/1994	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	6.8	NT	ND 0.5	NT	55	ND 0.5
S026B1	01/05/1995	REG	ND 5	ND 10	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	130	ND 10

Notes:
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J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S026B1	07/12/1995	REG	ND 5	ND 10	ND 5	ND 5	NT	ND 5	6.8	ND 5	NT	ND 5	NT	190	ND 10
S026B1	10/24/1995	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	170	ND 5
S026B1	01/10/1996	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	180	ND 5
S026B1	02/03/1997	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	76	ND 5
S026B1	07/23/1997	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	22	NT	ND 2.5	NT	190	ND 2.5
S026B1	10/22/1997	REG	ND 2	ND 4	ND 1	ND 4	NT	ND 1	ND 1	81	NT	ND 1	NT	110	ND 1
S026B1	06/25/1998	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	98	NT	ND 5	NT	47	ND 5
S026B1	12/16/1998	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	86	NT	ND 2.5	NT	11	ND 2.5
S026B1	06/15/1999	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	150	NT	ND 2.5	NT	12	ND 2.5
S026B1	11/11/1999	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 1	ND 0.5	ND 0.5	6.9	ND 5	ND 0.5	ND 0.5	2	ND 0.5
S026B1	04/17/2000	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	60	ND 5	ND 0.5	ND 0.5	32	ND 0.5
S026B1	10/25/2000	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	110	ND 5	ND 0.5	0.7	15	ND 0.5
S026B1	04/23/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	110	ND 5	ND 0.5	ND 0.5	25	ND 0.5
S026B1	10/20/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	29	ND 5	ND 0.5	ND 0.5	6.3	ND 0.5
S026B1	10/19/2002	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	38	ND 5	ND 0.5	ND 0.5	5.5	ND 0.5
S026B1	10/22/2003	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	76	ND 5	ND 0.5	0.5	13	ND 0.5
S026B1	10/07/2004	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	84	ND 5	ND 0.5	ND 0.5	15	ND 0.5
S026B1	11/04/2005	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	96	ND 5	ND 0.5	ND 0.5	15	ND 0.5
S026B1	11/07/2006	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	90	ND 5	ND 0.5	ND 0.5	6.5	ND 0.5
S026B1	07/25/2007	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	55	ND 5	ND 0.5	ND 0.5	2.2	ND 0.5
S026B1	10/23/2008	REG	ND 0.5	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	5.5	ND 5.0	ND 0.5	ND 0.5	12	ND 0.5
S026B1	10/28/2009	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	110	ND 20	ND 0.5	ND 0.5	3.1	ND 0.5
S026B1	10/27/2010	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	5.8	ND 20	ND 0.5	ND 0.5	0.9	ND 0.5
S026B1	12/02/2011	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	0.6	ND 0.5
S026B1	11/07/2012	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.2	ND 20	ND 0.5	ND 0.5	0.7	ND 0.5
S026B1	11/15/2013	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	4.9	ND 20	ND 0.5	0.8	0.8	ND 0.5

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S026B1	11/12/2014	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	17	ND 20	ND 0.5	ND 0.5	1.3	ND 0.5
S026B1	11/30/2015	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	12	ND 20	ND 0.5	ND 0.5	1	ND 0.5
S026B1	11/14/2016	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	2.2	ND 20	ND 0.5	ND 0.5	1	ND 0.5
S026B1	10/23/2017	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	0.9	ND 0.5
S026B1	11/14/2018	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.95	ND 0.5	ND 0.5	ND 0.5	1.7	ND 0.5
S027A	04/21/1982	REG	30	NT	NT	NT	NT	NT	NT	NT	NT	18	NT	1000	NT
S027A	08/31/1982	REG	8	NT	ND 1	ND 1	NT	ND 1	ND 1	41	NT	6	NT	230	ND 10
S027A	09/01/1982	REG	8	ND 1	ND 1	ND 1	NT	NT	ND 1	41	NT	6	NT	231	NT
S027A	04/08/1983	REG	10	NT	NT	NT	NT	NT	NT	NT	NT	3	NT	160	NT
S027A	09/06/1983	REG	13	NT	NT	NT	NT	NT	NT	NT	NT	2.8	NT	120	NT
S027A	03/29/1984	REG	10	NT	NT	NT	NT	NT	NT	NT	NT	1.1	NT	62	NT
S027A	06/26/1984	REG	24	NT	NT	NT	NT	NT	NT	NT	NT	3.3	NT	230	NT
S027A	09/24/1984	FD	21	NT	NT	NT	NT	NT	NT	NT	NT	2.5	NT	110	NT
S027A	09/24/1984	REG	21	NT	NT	NT	NT	NT	NT	NT	NT	3.2	NT	160	NT
S027A	12/07/1984	REG	24	NT	NT	NT	NT	NT	NT	NT	NT	2.8	NT	180	NT
S027A	09/12/1986	REG	22	NT	NT	NT	NT	NT	NT	NT	NT	1.6	NT	57	NT
S027A	03/10/1987	REG	39	19	0.7	0.7	NT	ND 0.5	0.6	NT	NT	3	NT	83	ND 0.5
S027A	03/13/1987	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	NT	NT	ND 2.5	NT	330	ND 2.5
S027A	09/25/1987	REG	13	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	3	NT	ND 2.5	NT	130	ND 2.5
S027A	02/08/1988	REG	24	10	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	4	NT	ND 2.5	NT	66	ND 2.5
S027A	07/26/1988	REG	15	13	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	5	NT	ND 2.5	NT	55	ND 2.5
S027A	02/08/1989	REG	13	13	2	7	NT	ND 1	ND 1	12	NT	1	NT	69	ND 1
S027A	07/31/1989	REG	14	11	ND 2.5	7	NT	ND 2.5	ND 2.5	24	NT	ND 2.5	NT	81	ND 2.5
S027A	01/25/1990	REG	12	5	3.6	13	NT	ND 1	ND 1	37	NT	ND 1	NT	100	ND 1
S027A	07/10/1990	REG	16	6.9	ND 2.5	2.7	NT	ND 2.5	ND 2.5	51	NT	ND 2.5	NT	100	ND 2.5
S027A	01/10/1991	REG	20	17	ND 2.5	4.8	NT	3.5	ND 2.5	110	NT	3.7	NT	190	ND 2.5

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S027A	07/10/1991	REG	5.1	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	91	NT	ND 0.5	NT	120	ND 0.5
S027A	01/09/1992	REG	17	5.3	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	230	NT	ND 2.5	NT	240	ND 2.5
S027A	07/07/1992	REG	9.6	2	ND 1.3	1.7	NT	ND 1.3	ND 1.3	160	NT	1.3	NT	110	ND 1.3
S027A	01/06/1993	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	140	NT	ND 5	NT	160	ND 5
S027A	07/13/1993	REG	7.7	5.2	ND 5	ND 5	NT	ND 5	ND 5	170	NT	ND 5	NT	150	ND 5
S027A	01/18/1994	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	260	NT	ND 5	NT	180	ND 5
S027A	07/21/1994	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	290	NT	ND 5	NT	150	ND 5
S027A	01/11/1995	REG	5	ND 10	ND 5	ND 5	NT	ND 5	ND 5	228	NT	ND 5	NT	140	ND 10
S027A	07/12/1995	REG	ND 5	ND 10	ND 5	ND 5	NT	ND 5	6.6	330	NT	ND 5	NT	150	ND 10
S027A	10/25/1995	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	290	NT	ND 10	NT	190	ND 10
S027A	01/04/1996	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	390	NT	ND 10	NT	200	ND 10
S027A	07/11/1996	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	290	NT	ND 10	NT	140	ND 10
S027A	02/04/1997	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	300	NT	ND 10	NT	130	ND 10
S027A	07/24/1997	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	240	NT	ND 10	NT	110	ND 10
S027A	10/22/1997	REG	10	ND 10	ND 2.5	ND 10	NT	ND 2.5	ND 2.5	240	NT	ND 2.5	NT	160	ND 2.5
S027A	06/24/1998	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	200	NT	ND 5	NT	140	ND 5
S027A	12/18/1998	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	150	NT	ND 5	NT	120	ND 5
S027A	06/16/1999	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	120	NT	ND 5	NT	120	ND 5
S027A	11/05/1999	REG	3.6	2.3	1	1.2	ND 1	ND 0.5	2.6	150	ND 5	2.3	2.2	140	ND 0.5
S027A	04/04/2000	REG	2.7	ND 5	0.9	1.4	ND 0.5	ND 0.5	0.5	85	ND 5	1.9	2	98	ND 0.5
S027A	10/23/2000	REG	1.9	ND 5	0.8	1	ND 0.5	ND 0.5	ND 0.5	72	ND 5	1.5	1.5	87	ND 0.5
S027A	04/18/2001	REG	1.9	ND 5	0.9	1.4	ND 0.5	ND 0.5	0.5	86	ND 5	1.4	1.6	100	ND 0.5
S027A	10/24/2001	REG	1.9	ND 5	0.8	0.8	ND 0.5	ND 0.5	ND 0.5	66	ND 5	1.8	1.4	110	ND 0.5
S027A	10/22/2002	REG	1.5	ND 5	0.6	0.7	ND 0.5	ND 0.5	ND 0.5	51	ND 5	2.1	1.3	98	ND 0.5
S027A	10/15/2003	REG	1.3	ND 5	0.6	0.6	ND 0.5	ND 0.5	ND 0.5	33	ND 5	1.9	0.8	81	ND 0.5
S027A	10/08/2004	REG	1.4	ND 5	0.5	1	ND 0.5	ND 0.5	ND 0.5	25	ND 5	2.2	0.8	80	ND 0.5

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S027A	11/04/2005	REG	0.8	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	18	ND 5	1.8	ND 0.5	62	ND 0.5
S027A	11/03/2006	REG	1.1	ND 5	ND 0.5	0.5	ND 0.5	ND 0.5	ND 0.5	13	ND 5	2.5	ND 0.5	79	ND 0.5
S027A	07/19/2007	REG	0.8	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	9.5	ND 5	1.7	ND 0.5	62	ND 0.5
S027A	10/20/2008	REG	0.7	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	8	ND 5.0	1.8	ND 0.5	60	ND 0.5
S027A	10/22/2009	REG	0.7	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	7.4	ND 20	1.5	ND 0.5	53	ND 0.5
S027A	10/27/2010	REG	0.6	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	7.1	ND 20	2.1	ND 0.5	60	ND 0.5
S027A	12/03/2011	REG	0.6	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	5.6	ND 20	1.7	ND 0.5	57	ND 0.5
S027A	11/09/2012	REG	0.7	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	4.7	ND 20	2	ND 0.5	57	ND 0.5
S027A	11/14/2013	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	5.3	ND 20	1.3	ND 0.5	41	ND 0.5
S027A	11/13/2014	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	4.6	ND 20	2	ND 0.5	52	ND 0.5
S027A	11/30/2015	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	5.2	ND 20	1.7	ND 0.5	50	ND 0.5
S027A	11/18/2016	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	4.8	ND 20	1.5	ND 0.5	42	ND 0.5
S027A	10/26/2017	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	5.8	ND 20	1.7	ND 0.5	57	ND 0.5
S027A	11/16/2018	REG	0.410 J	0.380 J	0.300 J	0.260 J	ND 0.5	ND 0.5	0.310 J	5.1	0.67 B	1.4	0.22 J	55	ND 0.5
S027B1	03/16/1982	REG	ND 1	ND 1	ND 1	ND 1	NT	ND 1	ND 1	ND 1	NT	ND 1	NT	ND 1	ND 1
S027B1	04/16/1982	REG	42	NT	NT	NT	NT	NT	NT	NT	NT	29	NT	1200	NT
S027B1	09/03/1982	REG	7	NT	ND 1	ND 1	NT	ND 1	ND 1	91	NT	15	NT	515	ND 10
S027B1	04/08/1983	REG	1	NT	NT	NT	NT	NT	NT	NT	NT	5	NT	180	NT
S027B1	09/06/1983	REG	0.3	NT	NT	NT	NT	NT	NT	NT	NT	1.6	NT	54	NT
S027B1	06/25/1984	REG	1	NT	NT	NT	NT	NT	NT	NT	NT	2.8	NT	58	NT
S027B1	12/07/1984	REG	15	NT	NT	NT	NT	NT	NT	NT	NT	6.9	NT	200	NT
S027B1	09/12/1986	REG	22	NT	NT	NT	NT	NT	NT	NT	NT	11	NT	250	NT
S027B1	03/13/1987	REG	58	ND 5	ND 5	ND 5	NT	ND 5	ND 5	NT	NT	44	NT	830	ND 5
S027B1	06/19/1987	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	65	NT	ND 25	NT	890	ND 25
S027B1	09/28/1987	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	35	NT	ND 25	NT	610	ND 25
S027B1	12/02/1987	REG	ND 10	ND 10	ND 10	18	NT	ND 10	ND 10	72	NT	22	NT	660	ND 10

Notes:
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APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S027B1	02/11/1988	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	51	NT	15	NT	480	ND 10
S027B1	04/25/1988	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	42	NT	10	NT	330	ND 10
S027B1	07/27/1988	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	25	NT	ND 10	NT	260	ND 10
S027B1	10/21/1988	REG	21	12	ND 10	ND 10	NT	ND 10	ND 10	35	NT	10	NT	300	ND 10
S027B1	02/09/1989	REG	11	ND 10	ND 10	ND 10	NT	ND 10	ND 10	33	NT	ND 10	NT	310	ND 10
S027B1	04/13/1989	REG	9	ND 5	ND 5	ND 5	NT	ND 5	ND 5	15	NT	ND 5	NT	170	ND 5
S027B1	08/02/1989	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	33	NT	ND 5	NT	290	ND 5
S027B1	10/17/1989	REG	16	12	ND 5	6	NT	ND 5	ND 5	42	NT	8	NT	200	ND 5
S027B1	01/25/1990	REG	14	ND 5	ND 5	ND 5	NT	ND 5	ND 5	68	NT	ND 5	NT	200	ND 5
S027B1	04/11/1990	REG	25	ND 5	ND 5	ND 5	NT	ND 5	ND 5	86	NT	ND 5	NT	220	ND 5
S027B1	07/10/1990	REG	26	9.1	ND 5	ND 5	NT	ND 5	ND 5	87	NT	ND 5	NT	190	ND 5
S027B1	10/10/1990	REG	7	ND 5	ND 5	ND 5	NT	ND 5	ND 5	91	NT	6	NT	230	ND 5
S027B1	01/10/1991	REG	15	6.2	ND 5	5.2	NT	ND 5	ND 5	110	NT	ND 5	NT	190	ND 5
S027B1	04/10/1991	REG	13	6.4	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	110	NT	ND 2.5	NT	250	ND 2.5
S027B1	07/10/1991	REG	18	6.7	ND 2.5	2.6	NT	ND 2.5	ND 2.5	170	NT	4.6	NT	250	ND 2.5
S027B1	10/08/1991	REG	23	10	ND 2.5	6.1	NT	ND 2.5	4.3	200	NT	3.5	NT	280	ND 2.5
S027B1	01/09/1992	REG	22	6.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	190	NT	3.9	NT	220	ND 2.5
S027B1	04/08/1992	REG	18	12	2.7	2.8	NT	ND 2.5	ND 2.5	213	NT	4.8	NT	230	ND 2.5
S027B1	07/07/1992	REG	15	7	ND 2.5	3.4	NT	ND 2.5	ND 2.5	180	NT	4.3	NT	200	ND 2.5
S027B1	01/06/1993	REG	9.4	ND 5	ND 5	ND 5	NT	ND 5	ND 5	160	NT	ND 5	NT	230	ND 5
S027B1	07/13/1993	REG	5.3	6	ND 5	ND 5	NT	ND 5	ND 5	140	NT	ND 5	NT	190	ND 5
S027B1	01/18/1994	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	150	NT	ND 5	NT	170	ND 5
S027B1	07/20/1994	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	250	NT	ND 5	NT	200	ND 5
S027B1	01/13/1995	REG	ND 5	ND 10	ND 5	ND 5	NT	ND 5	ND 5	119	NT	ND 5	NT	120	ND 10
S027B1	07/12/1995	REG	ND 5	ND 10	ND 5	ND 5	NT	ND 5	ND 5	230	NT	ND 5	NT	210	ND 10
S027B1	10/25/1995	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	180	NT	ND 10	NT	200	ND 10

Notes:
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J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S027B1	01/04/1996	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	160	NT	ND 5	NT	150	ND 5
S027B1	07/11/1996	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	170	NT	ND 5	NT	150	ND 5
S027B1	02/03/1997	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	130	NT	ND 5	NT	130	ND 5
S027B1	07/23/1997	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	160	NT	ND 5	NT	220	ND 5
S027B1	10/22/1997	REG	2	ND 4	2	ND 4	NT	ND 1	ND 1	150	NT	4	NT	220	1
S027B1	06/24/1998	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	110	NT	ND 5	NT	180	ND 5
S027B1	12/18/1998	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	130	NT	ND 10	NT	260	ND 10
S027B1	06/16/1999	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	120	NT	6	NT	280	ND 5
S027B1	11/12/1999	REG	2.6	ND 0.5	0.7	0.9	16	ND 0.5	ND 0.5	90	ND 5	5.1	1.9	240	ND 0.5
S027B1	04/19/2000	REG	1.8	ND 7.1	1	1.2	15	ND 0.7	ND 0.7	57	ND 7.1	4.3	2.5	170	ND 0.7
S027B1	10/28/2000	REG	1.9	ND 5	1	1.5	7.2	ND 0.5	ND 0.5	64	ND 5	4.1	1.6	180	ND 0.5
S027B1	04/25/2001	REG	ND 1	ND 10	1	ND 1	10	ND 1	ND 1	61	ND 10	4.2	5.9	220	ND 1
S027B1	10/25/2001	REG	1.5	ND 5	0.8	1.4	16	ND 0.5	ND 0.5	51	ND 5	4.2	1.5	190	ND 0.5
S027B1	10/23/2002	REG	1.1	ND 7.1	0.8	0.9	18	ND 0.7	ND 0.7	44	ND 7.1	3.9	1.7	170	0.9
S027B1	10/27/2003	REG	0.6	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	7	ND 5	0.9	ND 0.5	31	ND 0.5
S027B1	10/08/2004	REG	ND 0.7	ND 7.1	1.1	1.4	12	ND 0.7	ND 0.7	45	ND 7.1	3.3	1.7	160	ND 0.7
S027B1	11/08/2005	REG	ND 1	ND 10	1.2	1.5	9.9	ND 1	ND 1	67	ND 10	3.1	1.4	150	ND 1
S027B1	11/03/2006	REG	ND 1	ND 10	1.1	1.3	7.7	ND 1	ND 1	68	ND 10	3.1	2.2	150	ND 1
S027B1	07/25/2007	REG	ND 0.7	ND 7.1	1	0.7	1	ND 0.7	ND 0.7	62	ND 7.1	2.1	1.5	110	ND 0.7
S027B1	10/23/2008	REG	ND 1.0	ND 10	1.6	1.7	8.1	ND 1.0	ND 1.0	86	ND 10	2.5	2.1	130	ND 1.0
S027B1	10/22/2009	REG	ND 1.0	ND 4.0	1.4	1.3	4.2	ND 1.0	ND 1.0	81	ND 40	1.9	2.8	120	ND 1.0
S027B1	10/27/2010	REG	ND 1.0	ND 4.0	1.7	1.8	ND 1.0	ND 1.0	ND 1.0	91	ND 40	2.2	2.4	130	ND 1.0
S027B1	12/03/2011	REG	ND 1.0	ND 4.0	ND 1.0	1	ND 1.0	ND 1.0	ND 1.0	67	ND 40	1.6	1.6	91	ND 1.0
S027B1	11/09/2012	REG	ND 1.0	ND 4.0	1.3	1.6	ND 1.0	ND 1.0	ND 1.0	76	ND 40	1.6	4.8	110	ND 1.0
S027B1	11/18/2013	REG	ND 1.0	ND 4.0	1.4	ND 1.0	ND 1.0	ND 1.0	ND 1.0	110	ND 40	1	8.8	83	ND 1.0
S027B1	11/13/2014	REG	ND 1.0	ND 4.0	1	1.1	ND 1.0	ND 1.0	ND 1.0	84	ND 40	1.1	3.1	82	ND 1.0

Notes:
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J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S027B1	11/30/2015	REG	ND 0.5	ND 2.0	1.3	1.5	ND 0.5	ND 0.5	ND 0.5	95	ND 20	1.1	3.7	95	ND 0.5
S027B1	11/18/2016	REG	ND 1.0	ND 4.0	ND 1.0	1.4	ND 1.0	ND 1.0	ND 1.0	87	ND 40	ND 1.0	4.3	71	ND 1.0
S027B1	10/26/2017	REG	ND 1.0	ND 4.0	1.1	ND 1.0	ND 1.0	ND 1.0	ND 1.0	86	ND 40	ND 1.0	7	67	ND 1.0
S027B1	11/16/2018	REG	ND 0.5	ND 0.5	0.97	0.75	1.8	ND 0.5	ND 0.5	66	0.35 JB	0.41 J	3.6	44	ND 0.5
S028A	04/21/1982	REG	9.6	NT	NT	NT	NT	NT	NT	NT	NT	0.6	NT	810	NT
S028A	12/13/1982	REG	ND 1	NT	NT	NT	NT	NT	NT	NT	NT	ND 1	NT	150	NT
S028A	04/12/1983	REG	ND 1	NT	NT	NT	NT	NT	NT	NT	NT	ND 1	NT	21	NT
S028A	09/21/1983	REG	0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	80	NT
S028A	03/28/1984	REG	0.1	NT	NT	NT	NT	NT	NT	NT	NT	0.16	NT	96	NT
S028A	06/25/1984	REG	0.25	NT	NT	NT	NT	NT	NT	NT	NT	0.7	NT	71	NT
S028A	09/24/1984	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	27	NT
S028A	12/10/1984	REG	ND 0.2	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.2	NT	150	NT
S028A	03/05/1985	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	21	NT
S028A	06/17/1985	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	65	NT
S028A	10/14/1985	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	88	NT
S028A	12/12/1985	REG	ND 0.5	NT	NT	NT	NT	NT	NT	NT	NT	1	NT	66	NT
S028A	03/11/1986	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	1.8	NT	ND 0.5	NT	20	ND 1
S028A	07/09/1986	REG	ND 1	ND 1	ND 1	ND 1	NT	ND 1	ND 1	2.7	NT	ND 1	NT	34	ND 2
S028A	09/11/1986	FD	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	4.4	NT
S028A	09/11/1986	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	1.2	ND 1
S028A	12/05/1986	REG	ND 0.5	ND 0.5	4	ND 0.5	NT	1	ND 0.5	5.8	NT	ND 0.5	NT	42	ND 1
S028A	03/12/1987	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	NT	NT	ND 0.5	NT	14	ND 0.5
S028A	02/08/1988	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	14	NT	ND 5	NT	150	ND 5
S028A	02/07/1989	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	6.5	ND 0.5
S028A	01/24/1990	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	25	NT	ND 2.5	NT	170	ND 2.5
S028A	01/09/1991	REG	ND 5	40	ND 5	ND 5	NT	ND 5	ND 5	18	NT	ND 5	NT	130	ND 5

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S028A	01/09/1992	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	66	NT	ND 2.5	NT	280	ND 2.5
S028A	01/11/1993	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	100	NT	ND 5	NT	420	ND 5
S028A	01/19/1994	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	120	NT	ND 10	NT	460	ND 10
S028A	01/12/1995	REG	ND 10	ND 20	ND 10	ND 10	NT	ND 10	ND 10	68	NT	ND 10	NT	170	ND 20
S028A	01/10/1996	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	130	NT	ND 5	NT	180	ND 5
S028A	02/03/1997	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	78	NT	ND 5	NT	120	ND 5
S028A	10/22/1997	REG	ND 1	ND 2	ND 0.5	ND 2	NT	ND 0.5	ND 0.5	65	NT	ND 0.5	NT	310	2.3
S028A	06/25/1998	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	470	NT	ND 10	NT	210	ND 10
S028A	06/15/1999	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	580	NT	ND 10	NT	ND 10	ND 10
S028A	11/10/1999	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	ND 5	ND 2.5	ND 2.5	740	ND 25	ND 2.5	ND 2.5	25	26
S028A	04/07/2000	REG	ND 3.1	ND 31	ND 3.1	ND 3.1	ND 3.1	ND 3.1	ND 3.1	670	ND 31	ND 3.1	92	26	17
S028A	10/24/2000	REG	ND 2.5	ND 25	ND 2.5	ND 2.5	ND 2.5	ND 2.5	ND 2.5	670	ND 25	ND 2.5	62	29	39
S028A	04/24/2001	REG	ND 2.5	ND 25	ND 2.5	ND 2.5	ND 2.5	ND 2.5	ND 2.5	860	ND 25	ND 2.5	21	27	34
S028A	10/26/2001	REG	ND 1.3	ND 13	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	410	ND 13	ND 1.3	3	14	29
S028A	10/24/2002	REG	ND 2	ND 20	ND 2	ND 2	ND 2	ND 2	ND 2	670	ND 20	ND 2	28	15	20
S028A	10/20/2003	REG	ND 2.5	ND 25	ND 2.5	ND 2.5	ND 2.5	ND 2.5	ND 2.5	790	ND 25	ND 2.5	13	11	9.2
S028A	10/08/2004	REG	ND 3.6	ND 36	ND 3.6	ND 3.6	ND 3.6	ND 3.6	ND 3.6	670	ND 36	ND 3.6	15	11	12
S028A	11/09/2005	REG	ND 4.2	ND 42	ND 4.2	ND 4.2	ND 4.2	ND 4.2	ND 4.2	790	ND 42	ND 4.2	33	10	14
S028A	11/10/2006	REG	ND 4.2	ND 42	ND 4.2	ND 4.2	ND 4.2	ND 4.2	ND 4.2	670	ND 42	ND 4.2	ND 4.2	7.7	7.8
S028A	07/20/2007	REG	ND 4.2	ND 42	ND 4.2	ND 4.2	ND 4.2	ND 4.2	ND 4.2	580	ND 42	ND 4.2	9.9	6.9	6.6
S028A	10/20/2008	REG	ND 1.3	ND 13	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	380	ND 13	ND 1.3	2.1	7.8	ND 1.3
S028A	10/21/2009	REG	ND 3.1	ND 13	ND 3.1	ND 3.1	ND 3.1	ND 3.1	ND 3.1	350	ND 130	ND 3.1	11	6.8	ND 3.1
S028A	10/20/2010	REG	ND 2.5	ND 10	ND 2.5	ND 2.5	ND 2.5	ND 2.5	ND 2.5	260	ND 100	ND 2.5	5.7	6	ND 2.5
S028A	11/16/2011	REG	ND 0.5	ND 3.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	86	ND 20	ND 0.5	ND 0.5	2.6	ND 0.5
S028A	11/07/2012	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	9.3	ND 20	ND 0.5	ND 0.5	0.9	71
S028A	11/14/2013	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	56	ND 20	ND 0.5	0.7	2	2.9

Notes:
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S028A	11/08/2014	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	110	ND 20	ND 0.5	0.7	3.1	0.7
S028A	11/25/2015	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	78	ND 20	ND 0.5	ND 0.5	2.9	2.2
S028A	11/14/2016	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	41	ND 20	ND 0.5	ND 0.5	2.1	2.2
S028A	10/23/2017	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	54	ND 20	ND 0.5	ND 0.5	2.2	ND 0.5
S028A	11/14/2018	REG	ND 0.5	ND 0.5	0.151 J	ND 0.5	ND 0.5	ND 0.5	ND 0.5	95	ND 0.5	ND 0.5	0.48 J	4.2	3.4
S028B1	04/20/1982	REG	3.3	NT	NT	NT	NT	NT	NT	NT	NT	0.5	NT	690	NT
S028B1	12/13/1982	REG	ND 1	NT	NT	NT	NT	NT	NT	NT	NT	ND 1	NT	3	NT
S028B1	04/12/1983	REG	ND 1	NT	NT	NT	NT	NT	NT	NT	NT	ND 1	NT	120	NT
S028B1	09/21/1983	REG	0.3	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	41	NT
S028B1	06/25/1984	REG	7.7	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	65	NT
S028B1	12/07/1984	FD	11	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.2	NT	140	NT
S028B1	12/07/1984	REG	ND 0.2	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.2	NT	150	NT
S028B1	03/05/1985	REG	390	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	180	NT
S028B1	06/18/1985	REG	6.8	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	150	NT
S028B1	10/14/1985	REG	53	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	100	NT
S028B1	12/13/1985	REG	35	NT	NT	NT	NT	NT	NT	NT	NT	0.8	NT	310	NT
S028B1	03/12/1986	REG	20	190	7.6	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	360	ND 10
S028B1	07/09/1986	REG	12	330	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	660	ND 20
S028B1	09/12/1986	FD	2.9	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	150	NT
S028B1	09/12/1986	REG	ND 10	190	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	440	ND 20
S028B1	12/11/1986	REG	ND 20	54	ND 20	ND 20	NT	ND 20	ND 20	ND 20	NT	ND 20	NT	920	ND 40
S028B1	03/13/1987	REG	ND 10	190	ND 10	ND 10	NT	ND 10	ND 10	NT	NT	ND 10	NT	1900	ND 10
S028B1	09/26/1987	REG	40	60	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	3000	ND 25
S028B1	02/12/1988	REG	ND 50	110	ND 50	ND 50	NT	ND 50	ND 50	50	NT	ND 50	NT	1300	ND 50
S028B1	07/29/1988	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1700	ND 50
S028B1	02/14/1989	REG	ND 10	120	ND 10	ND 10	NT	ND 10	ND 10	110	NT	ND 10	NT	520	ND 10

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S028B1	08/07/1989	REG	ND 2.5	5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	21	NT	ND 2.5	NT	25	ND 2.5
S028B1	01/26/1990	REG	ND 5	38	ND 5	ND 5	NT	ND 5	7.8	81	NT	ND 5	NT	490	ND 5
S028B1	07/11/1990	REG	ND 5	49	ND 5	16	NT	ND 5	ND 5	45	NT	ND 5	NT	360	ND 5
S028B1	01/09/1991	REG	ND 10	66	ND 10	ND 10	NT	ND 10	ND 10	28	NT	ND 10	NT	280	ND 10
S028B1	07/11/1991	REG	ND 10	46	ND 10	ND 10	NT	ND 10	ND 10	110	NT	ND 10	NT	1600	ND 10
S028B1	01/10/1992	REG	ND 2.5	24	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	33	NT	ND 2.5	NT	360	ND 2.5
S028B1	07/10/1992	REG	ND 5	25	ND 5	ND 5	NT	ND 5	ND 5	26	NT	ND 5	NT	380	ND 5
S028B1	01/11/1993	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	280	ND 5
S028B1	07/13/1993	REG	ND 5	24	ND 5	ND 5	NT	ND 5	ND 5	19	NT	ND 5	NT	340	ND 5
S028B1	01/19/1994	REG	ND 5	8.7	ND 5	ND 5	NT	ND 5	ND 5	27	NT	ND 5	NT	280	ND 5
S028B1	01/11/1995	REG	ND 5	11	ND 5	ND 5	NT	ND 5	ND 5	14	NT	ND 5	NT	220	ND 10
S028B1	01/10/1996	REG	ND 5	6	ND 5	ND 5	NT	ND 5	ND 5	31	NT	ND 5	NT	220	ND 5
S028B1	02/03/1997	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	10	NT	ND 5	NT	87	ND 5
S028B1	10/22/1997	REG	ND 1	2	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	9.8	NT	ND 0.5	NT	97	ND 0.5
S028B1	06/25/1998	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	34	NT	ND 5	NT	230	ND 5
S028B1	06/15/1999	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	280	NT	ND 5	NT	110	ND 5
S028B1	11/12/1999	REG	ND 0.5	5.6	ND 0.5	0.5	ND 1	ND 0.5	ND 0.5	280	ND 5	ND 0.5	1.3	96	ND 0.5
S028B1	04/19/2000	REG	ND 0.5	5.7	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	120	ND 5	ND 0.5	0.6	66	ND 0.5
S028B1	10/26/2000	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	76	ND 5	ND 0.5	ND 0.5	55	ND 0.5
S028B1	04/23/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	70	ND 5	ND 0.5	3.6	53	ND 0.5
S028B1	10/24/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	65	ND 5	ND 0.5	ND 0.5	41	ND 0.5
S028B1	10/21/2002	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	150	ND 5	ND 0.5	0.6	42	ND 0.5
S028B1	10/24/2003	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	130	ND 5	ND 0.5	1.7	39	ND 0.5
S028B1	10/12/2004	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	64	ND 5	ND 0.5	ND 0.5	44	ND 0.5
S028B1	11/04/2005	REG	ND 0.8	ND 8.3	ND 0.8	ND 0.8	ND 0.8	ND 0.8	ND 0.8	130	ND 8.3	ND 0.8	ND 0.8	30	ND 0.8
S028B1	11/07/2006	REG	ND 0.5	7.2	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	78	ND 5	ND 0.5	ND 0.5	55	ND 0.5

Notes:
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J – Reported value is estimated
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S028B1	07/25/2007	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	28	ND 5	ND 0.5	ND 0.5	16	ND 0.5
S028B1	10/22/2008	REG	ND 1.0	13	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	150	ND 10	ND 1.0	ND 1.0	37	ND 1.0
S028B1	10/29/2009	REG	ND 1.0	14	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	220	ND 40	ND 2.5	1.4	34	ND 1.0
S028B1	10/28/2010	REG	ND 0.5	11	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	90	ND 20	ND 0.5	ND 0.5	40	ND 0.5
S028B1	12/02/2011	REG	ND 0.5	7	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	93	ND 20	ND 0.5	ND 0.5	20	ND 0.5
S028B1	11/07/2012	REG	ND 0.5	13	0.9	0.8	ND 0.5	ND 0.5	ND 0.5	410	ND 20	ND 0.5	0.8	29	ND 0.5
S028B1	11/18/2013	REG	ND 2.5	ND 10	ND 2.5	ND 2.5	ND 2.5	ND 2.5	ND 2.5	420	ND 100	ND 2.5	6.1	26	ND 2.5
S028B1	11/14/2014	REG	ND 2.5	ND 10	ND 2.5	ND 2.5	ND 2.5	ND 2.5	ND 2.5	480	ND 100	ND 2.5	7	14	ND 2.5
S028B1	12/01/2015	REG	ND 3.1	ND 13	ND 3.1	ND 3.1	ND 3.1	ND 3.1	ND 3.1	550	ND 130	ND 3.1	3.5	13	ND 3.1
S028B1	11/18/2016	REG	ND 3.1	ND 13	ND 3.1	ND 3.1	ND 3.1	ND 3.1	ND 3.1	450	ND 130	ND 3.1	9.5	12	ND 3.1
S028B1	11/05/2017	REG	ND 1.0	9	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	130	ND 40	ND 1.0	ND 1.0	20	ND 1.0
S028B1	11/14/2018	REG	ND 0.5	20	0.942	0.546	ND 0.5	ND 0.5	ND 0.5	160	ND 0.5	ND 0.5	0.97	30	0.15 J
S033A	05/07/1982	REG	ND 1	NT	ND 1	ND 1	NT	ND 1	ND 1	ND 1	NT	ND 1	NT	8	NT
S033A	05/20/1982	REG	0.6	ND 1	ND 1	ND 1	NT	NT	ND 1	ND 1	NT	ND 1	NT	8	NT
S033A	04/11/1983	REG	3	NT	NT	NT	NT	NT	NT	NT	NT	ND 1	NT	11	NT
S033A	09/11/1986	REG	5	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	3.3	NT
S033A	03/12/1987	REG	7.4	2.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	NT	NT	ND 0.5	NT	6	ND 0.5
S033A	02/09/1988	REG	3.6	1.1	ND 0.5	0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	3.2	ND 0.5
S033A	02/18/1989	REG	1.8	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	5.7	ND 0.5
S033A	01/24/1990	REG	1.1	ND 0.5	0.5	ND 0.5	NT	ND 0.5	ND 0.5	2.8	NT	ND 0.5	NT	5.6	ND 0.5
S033A	01/08/1991	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	5.9	ND 0.5
S033A	01/08/1992	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	5.2	ND 0.5
S033A	01/06/1993	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	6.1	ND 0.5
S033A	01/18/1994	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	4	ND 0.5
S033A	01/04/1995	REG	ND 0.5	ND 1	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	4.4	ND 1
S033A	01/05/1996	REG	ND 0.5	0.7	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	4.6	ND 0.5

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S033A	01/28/1997	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	5.7	ND 0.5
S033A	10/21/1997	REG	1	10	ND 0.5	ND 2	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	5.8	ND 0.5
S033A	06/29/1998	REG	0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	1.3	NT	ND 0.5	NT	11	ND 0.5
S033A	06/11/1999	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	5.9	ND 0.5
S033A	11/04/1999	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 1	ND 0.5	ND 0.5	0.5	ND 5	ND 0.5	ND 0.5	7	ND 0.5
S033A	04/05/2000	REG	0.6	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.7	ND 5	ND 0.5	ND 0.5	8	ND 0.5
S033A	10/25/2000	REG	0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.7	ND 5	ND 0.5	ND 0.5	6.2	ND 0.5
S033A	04/20/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.7	ND 5	ND 0.5	ND 0.5	6.7	ND 0.5
S033A	10/23/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.6	ND 5	ND 0.5	ND 0.5	8.7	ND 0.5
S033A	10/18/2002	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.6	ND 5	ND 0.5	ND 0.5	10	ND 0.5
S033A	10/15/2003	REG	0.9	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.7	ND 5	ND 0.5	ND 0.5	12	ND 0.5
S033A	10/08/2004	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.8	ND 5	ND 0.5	ND 0.5	14	ND 0.5
S033A	11/03/2005	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.5	ND 5	ND 0.5	ND 0.5	14	ND 0.5
S033A	11/09/2006	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.8	ND 5	ND 0.5	ND 0.5	15	ND 0.5
S033A	07/19/2007	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.6	ND 5	ND 0.5	ND 0.5	16	ND 0.5
S033A	10/16/2008	REG	ND 0.5	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.7	ND 5.0	ND 0.5	ND 0.5	19	ND 0.5
S033A	10/20/2009	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.8	ND 20	ND 0.5	ND 0.5	20	ND 0.5
S033A	10/19/2010	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.8	ND 20	ND 0.5	ND 0.5	19	ND 0.5
S033A	11/14/2011	REG	ND 0.5	ND 3.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.6	ND 20	ND 0.5	ND 0.5	18	ND 0.5
S033A	10/31/2012	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.5	ND 20	ND 0.5	ND 0.5	16	ND 0.5
S033A	11/13/2013	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	19	ND 0.5
S033A	11/07/2014	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.5	ND 20	ND 0.5	ND 0.5	19	ND 0.5
S033A	11/24/2015	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.6	ND 20	ND 0.5	ND 0.5	19	ND 0.5
S033A	11/14/2016	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.6	ND 20	ND 0.5	ND 0.5	18	ND 0.5
S033A	10/19/2017	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.6	ND 20	ND 0.5	ND 0.5	20	ND 0.5
S033A	11/16/2018	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.98	0.36 JB	ND 0.5	ND 0.5	18	ND 0.5

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S038A	05/11/1982	REG	1	NT	ND 1	ND 1	NT	ND 1	ND 1	ND 1	NT	ND 1	NT	ND 1	NT
S038A	08/31/1982	REG	9	NT	ND 1	ND 1	NT	ND 1	ND 1	ND 1	NT	ND 1	NT	ND 1	NT
S038A	04/12/1983	REG	8	NT	NT	NT	NT	NT	NT	NT	NT	ND 1	NT	3	NT
S038A	04/18/1983	REG	3.5	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	3.5	NT
S038A	05/11/1983	REG	1	ND 1	NT	NT	NT	NT	NT	ND 1	NT	ND 1	NT	ND 1	ND 1
S038A	08/18/1983	REG	3.5	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	1.3	NT
S038A	11/23/1983	REG	8.1	NT	NT	NT	NT	NT	NT	NT	NT	0.1	NT	4.6	NT
S038A	04/03/1984	REG	6.2	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	2	NT
S038A	06/22/1984	REG	9.2	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	1.6	NT
S038A	09/12/1984	REG	9	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	ND 0.1	NT
S038A	06/13/1985	REG	4.7	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	1.6	NT
S038A	10/28/1985	REG	6.5	NT	NT	NT	NT	NT	NT	NT	NT	0.14	NT	2	NT
S038A	11/22/1985	REG	6.5	NT	NT	NT	NT	NT	NT	NT	NT	0.14	NT	2	NT
S038B1	05/11/1982	REG	108	NT	ND 1	11	NT	ND 1	ND 1	ND 1	NT	ND 1	NT	5	NT
S038B1	08/31/1982	REG	200	NT	ND 1	ND 1	NT	ND 1	ND 1	ND 1	NT	ND 1	NT	ND 1	NT
S038B1	04/12/1983	REG	8	NT	NT	NT	NT	NT	NT	NT	NT	ND 1	NT	3	NT
S038B1	04/18/1983	REG	130	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	30	NT
S038B1	08/18/1983	REG	130	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	30	NT
S038B1	11/23/1983	FD	180	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.5	NT	57	NT
S038B1	11/23/1983	REG	180	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	57	NT
S038B1	02/23/1984	REG	91	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	82	NT
S038B1	04/04/1984	REG	91	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	82	NT
S038B1	06/22/1984	REG	210	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	180	NT
S038B1	09/12/1984	REG	160	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	120	NT
S038B1	06/13/1985	REG	49	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	50	NT
S038B1	10/28/1985	REG	100	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	96	NT

Notes:
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S038B1	11/22/1985	REG	100	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	96	NT
S039A	05/12/1982	REG	ND 1	NT	ND 1	ND 1	NT	ND 1	ND 1	ND 1	NT	ND 1	NT	ND 1	NT
S039A	08/31/1982	REG	ND 1	NT	ND 1	ND 1	NT	ND 1	ND 1	ND 1	NT	ND 1	NT	ND 1	NT
S039A	04/12/1983	REG	ND 1	NT	NT	NT	NT	NT	NT	NT	NT	ND 1	NT	3	NT
S039A	08/18/1983	REG	4.2	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	0.4	NT
S039A	11/22/1983	REG	6.3	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	0.3	NT
S039A	04/03/1984	REG	ND 19	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	ND 0.1	NT
S039A	06/22/1984	REG	50	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	ND 0.1	NT
S039A	09/12/1984	REG	55	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	ND 0.1	NT
S039A	06/13/1985	REG	10	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	ND 0.1	NT
S039A	10/29/1985	REG	10	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	ND 0.1	NT
S039A	11/22/1985	REG	10	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	ND 0.1	NT
S039B1	05/12/1982	FD	6.3	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	0.3	NT
S039B1	05/12/1982	REG	8	NT	ND 1	ND 1	NT	ND 1	ND 1	ND 1	NT	ND 1	NT	12	NT
S039B1	08/31/1982	REG	12	NT	ND 1	ND 1	NT	ND 1	ND 1	ND 1	NT	ND 1	NT	ND 1	NT
S039B1	04/13/1983	REG	15	NT	NT	NT	NT	NT	NT	NT	NT	ND 1	NT	ND 1	NT
S039B1	08/18/1983	REG	6.7	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	0.8	NT
S039B1	11/22/1983	REG	8.4	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	0.8	NT
S039B1	04/03/1984	REG	6	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	0.57	NT
S039B1	06/22/1984	REG	9.4	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	1.3	NT
S039B1	09/12/1984	REG	21	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	0.81	NT
S039B1	06/14/1985	REG	7.6	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	0.89	NT
S039B1	10/29/1985	REG	12	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	0.96	NT
S039B1	11/22/1985	REG	12	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	0.96	NT
S040A	05/13/1982	REG	ND 1	NT	ND 1	ND 1	NT	ND 1	ND 1	ND 1	NT	ND 1	NT	ND 1	NT
S040A	04/12/1983	REG	ND 1	NT	NT	NT	NT	NT	NT	NT	NT	ND 1	NT	2	NT

Notes:
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APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S040A	08/18/1983	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	0.1	NT
S040A	11/22/1983	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	0.2	NT
S040A	04/03/1984	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	ND 0.1	NT
S040A	06/21/1984	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	ND 0.1	NT
S040A	09/10/1984	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	ND 0.1	NT
S040A	06/14/1985	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	ND 0.1	NT
S040A	11/22/1985	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	ND 0.1	NT
S040B1	05/13/1982	REG	ND 1	NT	ND 1	ND 1	NT	ND 1	ND 1	ND 1	NT	ND 1	NT	ND 1	NT
S040B1	04/12/1983	REG	ND 1	NT	NT	NT	NT	NT	NT	NT	NT	1	NT	2	NT
S040B1	08/18/1983	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	ND 0.1	NT
S040B1	11/22/1983	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	0.4	NT
S040B1	04/03/1984	REG	0.18	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	0.25	NT
S040B1	06/21/1984	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	ND 0.1	NT
S040B1	09/10/1984	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	ND 0.1	NT
S040B1	06/14/1985	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	ND 0.1	NT
S040B1	11/22/1985	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	ND 0.1	NT
S041A	05/18/1982	REG	13	NT	ND 1	ND 1	NT	ND 1	ND 1	ND 1	NT	ND 1	NT	7	NT
S041A	04/12/1983	REG	8	NT	NT	NT	NT	NT	NT	NT	NT	2	NT	ND 1	NT
S041A	08/18/1983	REG	0.9	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	0.2	NT
S041A	11/22/1983	REG	21	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	0.3	NT
S041A	04/03/1984	REG	12	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	ND 0.1	NT
S041A	06/21/1984	REG	7	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.5	NT	ND 0.5	NT
S041A	09/10/1984	REG	14	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	ND 0.1	NT
S041A	06/13/1985	REG	31	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	ND 0.1	NT
S041A	11/22/1985	REG	51	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	ND 0.1	NT
S041B1	05/18/1982	REG	ND 1	NT	ND 1	ND 1	NT	ND 1	ND 1	ND 1	NT	ND 1	NT	6	NT

Notes:
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APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S041B1	04/12/1983	REG	ND 1	NT	NT	NT	NT	NT	NT	NT	NT	ND 1	NT	1	NT
S041B1	08/18/1983	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	0.2	NT
S041B1	11/22/1983	REG	0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	0.4	NT
S041B1	04/03/1984	REG	0.17	NT	NT	NT	NT	NT	NT	NT	NT	0.27	NT	ND 0.1	NT
S041B1	06/21/1984	REG	0.26	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	ND 0.1	NT
S041B1	09/10/1984	REG	0.2	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	ND 0.1	NT
S041B1	06/14/1985	REG	0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	ND 0.1	NT
S041B1	11/22/1985	REG	0.15	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	ND 0.1	NT
S042A	05/18/1982	REG	36	NT	ND 1	4	NT	ND 1	ND 1	ND 1	NT	ND 1	NT	10	NT
S042A	09/02/1982	REG	73	NT	ND 1	8	NT	ND 1	ND 1	ND 1	NT	ND 1	NT	19	NT
S042A	04/18/1983	REG	27	NT	NT	NT	NT	NT	NT	NT	NT	2	NT	32	NT
S042A	08/25/1983	REG	32	NT	NT	NT	NT	NT	NT	NT	NT	0.2	NT	12	NT
S042A	11/22/1983	REG	41	NT	NT	NT	NT	NT	NT	NT	NT	0.3	NT	16	NT
S042A	02/23/1984	REG	19	NT	NT	NT	NT	NT	NT	NT	NT	0.12	NT	8	NT
S042A	04/03/1984	REG	19	NT	NT	NT	NT	NT	NT	NT	NT	0.12	NT	8	NT
S042A	06/22/1984	REG	66	NT	NT	NT	NT	NT	NT	NT	NT	0.41	NT	34	NT
S042A	09/12/1984	REG	54	NT	NT	NT	NT	NT	NT	NT	NT	0.38	NT	24	NT
S042A	06/13/1985	REG	26	NT	NT	NT	NT	NT	NT	NT	NT	0.22	NT	13	NT
S042A	11/22/1985	REG	28	NT	NT	NT	NT	NT	NT	NT	NT	0.21	NT	14	NT
S042A	01/03/1996	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	220	NT	ND 5	NT	48	ND 5
S042A	07/10/1996	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	590	NT	ND 50	NT	150	ND 50
S042A	02/04/1997	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	270	NT	ND 50	NT	70	ND 50
S042A	10/23/1997	REG	4	ND 2	1.2	ND 2	NT	ND 0.5	ND 0.5	520	NT	0.8	NT	120	ND 0.5
S042A	06/24/1998	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	360	NT	ND 25	NT	110	ND 25
S042A	06/16/1999	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	240	NT	ND 10	NT	130	ND 10
S042A	11/06/1999	REG	3.3	1.7	1.1	1.5	ND 1	ND 0.5	0.5	190	ND 0.5	ND 0.5	3.5	110	ND 0.5

Notes:
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APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S042A	04/07/2000	REG	4.2	ND 5	1.3	2.5	ND 0.5	ND 0.5	0.8	190	ND 5	0.7	4.5	130	ND 0.5
S042A	10/23/2000	REG	3.3	ND 5	1.1	2.1	ND 0.5	ND 0.5	0.7	170	ND 5	0.6	4	100	ND 0.5
S042A	04/19/2001	REG	2.5	ND 5	1	1.6	ND 0.5	ND 0.5	0.6	130	ND 5	0.6	3.1	100	ND 0.5
S042A	10/24/2001	REG	3.1	ND 5	1	1.6	ND 0.5	ND 0.5	0.6	140	ND 5	1	3.2	140	ND 0.5
S042A	10/22/2002	REG	2.5	ND 5	0.8	1.3	ND 0.5	ND 0.5	0.6	120	ND 5	0.9	2.5	170	ND 0.5
S042A	10/17/2003	REG	2	ND 5	0.8	1.1	ND 0.5	ND 0.5	ND 0.5	85	ND 5	1.1	2.2	130	ND 0.5
S042A	10/08/2004	REG	2	ND 5	0.7	1.6	ND 0.5	ND 0.5	ND 0.5	65	ND 5	1	2	98	ND 0.5
S042A	11/04/2005	REG	1.3	ND 5	0.6	0.8	ND 0.5	ND 0.5	ND 0.5	51	ND 5	1.1	1.5	92	ND 0.5
S042B1	05/18/1982	REG	33	NT	ND 1	2	NT	ND 1	ND 1	ND 1	NT	ND 1	NT	11	NT
S042B1	09/02/1982	REG	3	NT	ND 1	ND 1	NT	ND 1	ND 1	ND 1	NT	ND 1	NT	2	NT
S042B1	04/18/1983	REG	1	NT	NT	NT	NT	NT	NT	NT	NT	2	NT	76	NT
S042B1	08/25/1983	REG	0.2	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	0.9	NT
S042B1	11/22/1983	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	0.7	NT
S042B1	04/04/1984	REG	0.26	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	0.66	NT
S042B1	06/22/1984	REG	0.21	NT	NT	NT	NT	NT	NT	NT	NT	0.29	NT	1.3	NT
S042B1	09/12/1984	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	1.3	NT
S042B1	06/13/1985	REG	0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	0.52	NT
S042B1	11/22/1985	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	0.19	NT	ND 0.1	NT
S042B1	01/04/1996	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	14	NT	ND 0.5	NT	1.8	ND 0.5
S042B1	07/09/1996	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	17	NT	ND 0.5	NT	1.7	ND 0.5
S042B1	01/28/1997	REG	ND 0.5	ND 0.5	0.5	ND 0.5	NT	ND 0.5	ND 0.5	25	NT	ND 0.5	NT	2.6	ND 0.5
S042B1	10/21/1997	REG	ND 1	ND 2	ND 0.5	ND 2	NT	ND 0.5	ND 0.5	19	NT	ND 0.5	NT	1.9	ND 0.5
S042B1	06/24/1998	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	38	NT	ND 2.5	NT	ND 2.5	ND 2.5
S042B1	06/11/1999	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S042B1	10/28/1999	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 1	ND 0.5	ND 0.5	21	ND 5	ND 0.5	ND 0.5	1.8	ND 0.5
S042B1	04/17/2000	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	18	ND 5	ND 0.5	ND 0.5	1.8	ND 0.5

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S042B1	10/24/2000	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	19	ND 5	ND 0.5	ND 0.5	1.6	ND 0.5
S042B1	04/20/2001	REG	ND 0.5	ND 5	0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	22	ND 5	ND 0.5	ND 0.5	2.6	ND 0.5
S042B1	10/24/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	17	ND 5	ND 0.5	ND 0.5	2.1	ND 0.5
S042B1	10/21/2002	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	13	ND 5	ND 0.5	ND 0.5	1.6	ND 0.5
S042B1	10/22/2003	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	17	ND 5	ND 0.5	ND 0.5	1.7	ND 0.5
S042B1	10/08/2004	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	13	ND 5	ND 0.5	ND 0.5	1.3	ND 0.5
S042B1	11/04/2005	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	12	ND 5	ND 0.5	ND 0.5	1	ND 0.5
S043A	05/05/1982	REG	1.3	NT	NT	NT	NT	NT	NT	NT	NT	1.3	NT	290	NT
S043A	05/20/1982	REG	ND 1	NT	560	420	NT	ND 1	ND 1	3100	NT	29	NT	43000	ND 1
S043A	06/02/1982	REG	9.6	NT	NT	NT	NT	NT	NT	NT	NT	30	NT	64000	NT
S043A	12/10/1982	REG	2	NT	NT	NT	NT	NT	NT	NT	NT	7	NT	11500	NT
S043A	04/11/1983	REG	62	NT	NT	NT	NT	NT	NT	NT	NT	30	NT	35000	NT
S043A	08/12/1983	REG	10	NT	NT	NT	NT	NT	NT	NT	NT	25	NT	36000	NT
S043A	09/19/1983	REG	7.5	NT	NT	NT	NT	NT	NT	NT	NT	28	NT	44000	NT
S043A	04/05/1984	REG	3.8	NT	NT	NT	NT	NT	NT	NT	NT	30	NT	48000	NT
S043A	06/26/1984	REG	10	NT	NT	NT	NT	NT	NT	NT	NT	56	NT	63000	NT
S043A	10/14/1984	REG	0.48	NT	NT	NT	NT	NT	NT	NT	NT	27	NT	40000	NT
S043A	03/06/1985	REG	3.3	NT	NT	NT	NT	NT	NT	NT	NT	3.6	NT	4200	NT
S043A	06/20/1985	REG	4	NT	NT	NT	NT	NT	NT	NT	NT	3.6	NT	5400	NT
S043A	10/04/1985	REG	3.6	NT	NT	NT	NT	NT	NT	NT	NT	3.9	NT	5400	NT
S043A	12/12/1985	REG	2.2	NT	NT	NT	NT	NT	NT	NT	NT	3.2	NT	4800	NT
S043A	03/11/1986	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	240	NT	ND 50	NT	4900	ND 100
S043A	06/02/1986	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	190	NT	ND 50	NT	2700	ND 100
S043A	09/16/1986	FD	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	210	NT	ND 100	NT	3900	ND 200
S043A	09/16/1986	REG	1.1	NT	NT	NT	NT	NT	NT	NT	NT	1.6	NT	3300	NT
S043A	12/11/1986	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	280	NT	ND 100	NT	3500	ND 200

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S043A	03/16/1987	REG	ND 25	ND 25	90	ND 25	NT	ND 25	ND 25	NT	NT	ND 25	NT	5800	ND 25
S043A	06/23/1987	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	1800	NT	ND 250	NT	17000	ND 250
S043A	09/28/1987	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	1400	NT	ND 50	NT	10000	ND 50
S043A	12/03/1987	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	1400	NT	ND 250	NT	12000	ND 250
S043A	02/12/1988	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	960	NT	ND 250	NT	7300	ND 250
S043A	04/27/1988	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	880	NT	ND 250	NT	7100	ND 250
S043A	07/29/1988	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	590	NT	ND 250	NT	9300	ND 250
S043A	10/24/1988	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	1400	NT	ND 250	NT	8000	ND 250
S043A	02/18/1989	REG	ND 125	ND 125	ND 125	ND 125	NT	ND 125	ND 125	770	NT	ND 125	NT	5600	ND 125
S043A	05/10/1989	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	990	NT	ND 100	NT	7500	ND 100
S043A	08/07/1989	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	2000	NT	ND 250	NT	15000	ND 250
S043A	10/11/1989	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	3000	NT	ND 250	NT	13000	ND 250
S043A	01/31/1990	REG	ND 100	520	ND 100	ND 100	NT	ND 100	ND 100	2500	NT	ND 100	NT	8400	ND 100
S043A	04/13/1990	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	1800	NT	ND 500	NT	11000	ND 500
S043A	07/13/1990	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	1300	NT	ND 500	NT	10000	ND 500
S043A	10/12/1990	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	2500	NT	ND 250	NT	3300	ND 250
S043A	01/10/1991	REG	ND 250	490	ND 250	ND 250	NT	ND 250	ND 250	6300	NT	ND 250	NT	4700	ND 250
S043A	04/11/1991	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	5100	NT	ND 250	NT	5300	ND 250
S043A	07/12/1991	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	2200	NT	ND 250	NT	9500	ND 250
S043A	10/11/1991	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	1100	NT	ND 250	NT	8600	ND 250
S043A	01/10/1992	REG	ND 50	280	ND 50	ND 50	NT	ND 50	ND 50	1000	NT	ND 50	NT	5600	ND 50
S043A	04/09/1992	REG	ND 50	78	ND 50	ND 50	NT	ND 50	ND 50	1400	NT	ND 50	NT	8000	ND 50
S043A	07/09/1992	REG	ND 50	190	ND 50	ND 50	NT	ND 50	ND 50	2100	NT	ND 50	NT	11000	ND 50
S043A	01/08/1993	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	950	NT	ND 100	NT	5900	ND 100
S043A	07/15/1993	REG	ND 100	140	ND 100	ND 100	NT	ND 100	ND 100	900	NT	ND 100	NT	7700	ND 100
S043A	01/20/1994	REG	ND 100	130	ND 100	ND 100	NT	ND 100	ND 100	2400	NT	ND 100	NT	4000	ND 100

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S043A	07/25/1994	REG	ND 100	230	ND 100	ND 100	NT	ND 100	ND 100	2900	NT	ND 100	NT	9700	ND 100
S043A	01/13/1995	REG	ND 250	ND 500	ND 250	ND 250	NT	ND 250	ND 250	920	NT	ND 250	NT	14000	ND 500
S043A	07/18/1995	REG	ND 250	ND 500	ND 250	ND 250	NT	ND 250	ND 250	1600	NT	ND 250	NT	8100	ND 500
S043A	10/30/1995	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	1600	NT	ND 250	NT	9100	ND 250
S043A	01/12/1996	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	2200	NT	ND 250	NT	6600	ND 250
S043A	07/15/1996	REG	ND 200	ND 200	ND 200	ND 200	NT	ND 200	ND 200	1500	NT	ND 200	NT	6100	ND 200
S043A	02/04/1997	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	1300	NT	ND 250	NT	930	ND 250
S043A	04/08/1997	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	1800	NT	ND 250	NT	1400	ND 250
S043A	07/24/1997	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	5300	NT	ND 250	NT	1200	ND 250
S043A	10/23/1997	REG	ND 50	ND 100	ND 25	ND 100	NT	ND 25	ND 25	5700	NT	ND 25	NT	170	ND 25
S043A	06/26/1998	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	12000	NT	ND 500	NT	ND 500	ND 500
S043A	12/16/1998	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	7900	NT	ND 500	NT	ND 500	ND 500
S043A	06/04/1999	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	15000	NT	ND 500	NT	ND 500	ND 500
S043A	11/11/1999	FD	ND 25	ND 25	ND 25	ND 25	ND 50	ND 25	ND 25	7400	ND 250	ND 25	ND 25	ND 25	ND 25
S043A	11/11/1999	REG	ND 25	ND 25	ND 25	ND 25	ND 50	ND 25	ND 25	7900	ND 250	ND 25	ND 25	34	ND 25
S043A	04/07/2000	REG	ND 13	ND 130	ND 13	ND 13	ND 13	ND 13	ND 13	3600	ND 130	ND 13	37	15	ND 13
S043A	10/23/2000	REG	ND 25	ND 250	ND 25	ND 25	ND 25	ND 25	ND 25	6300	ND 250	ND 25	ND 25	ND 25	ND 25
S043A	04/20/2001	REG	ND 25	ND 250	ND 25	ND 25	ND 25	ND 25	ND 25	8700	ND 250	ND 25	ND 25	50	ND 25
S043A	10/26/2001	REG	ND 25	ND 250	ND 25	ND 25	ND 25	ND 25	ND 25	5300	ND 250	ND 25	31	71	ND 25
S043A	10/24/2002	REG	ND 20	ND 200	ND 20	ND 20	ND 20	ND 20	ND 20	5900	ND 200	ND 20	ND 20	28	79
S043A	10/20/2003	REG	ND 25	ND 250	ND 25	ND 25	ND 25	ND 25	ND 25	7200	ND 250	ND 25	ND 25	32	35
S043A	10/08/2004	REG	ND 50	ND 500	ND 50	ND 50	ND 50	ND 50	ND 50	6400	ND 500	ND 50	ND 50	ND 50	ND 50
S043A	11/03/2005	REG	ND 17	ND 170	ND 17	ND 17	ND 17	ND 17	ND 17	2000	ND 170	ND 17	ND 17	29	1000
S043A	11/07/2006	REG	ND 7.1	ND 71	11	ND 7.1	ND 7.1	ND 7.1	ND 7.1	1600	ND 71	ND 7.1	12	18	1200
S043A	07/17/2007	REG	ND 13	ND 130	ND 13	ND 13	ND 13	ND 13	ND 13	1900	ND 130	ND 13	ND 13	15	420
S043A	10/17/2008	REG	ND 20	ND 200	ND 20	ND 20	ND 20	ND 20	ND 20	3600	ND 200	ND 20	ND 20	22	460

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S043A	10/20/2009	REG	ND 20	ND 80	ND 20	ND 20	ND 20	ND 20	ND 20	2400	ND 800	ND 20	ND 20	20	62
S043A	10/19/2010	REG	ND 20	ND 80	ND 20	ND 20	ND 20	ND 20	ND 20	2400	ND 800	ND 20	47	ND 20	190
S043A	11/14/2011	REG	ND 20	ND 120	ND 20	ND 20	ND 20	ND 20	ND 20	1900	ND 800	ND 20	ND 20	31	220
S043A	10/31/2012	REG	ND 10	ND 40	ND 10	ND 10	ND 10	ND 10	ND 10	1500	ND 400	ND 10	18	32	130
S043A	11/13/2013	REG	ND 10	ND 40	ND 10	ND 10	ND 10	ND 10	ND 10	1800	ND 400	ND 10	ND 10	33	ND 10
S043A	11/07/2014	REG	ND 10	ND 40	ND 10	ND 10	ND 10	ND 10	ND 10	1300	ND 400	ND 10	12	19	59
S043A	11/24/2015	REG	ND 10	ND 40	ND 10	ND 10	ND 10	ND 10	ND 10	1100	ND 400	ND 10	10	18	45
S043A	11/14/2016	REG	ND 10	ND 40	ND 10	ND 10	ND 10	ND 10	ND 10	1100	ND 400	ND 10	ND 10	21	31
S043A	10/19/2017	REG	ND 5.0	ND 20	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	640	ND 200	ND 5.0	6.1	9	93
S043A	11/16/2018	REG	ND 5	ND 5	1.4 J	ND 5	ND 5	ND 5	ND 5	600	15 B	ND 5	7.8	8.9	130
S047A	07/01/1982	REG	16	NT	ND 5	4	NT	ND 5	ND 5	30	NT	ND 5	NT	1800	NT
S047A	12/09/1982	REG	41	NT	NT	NT	NT	NT	NT	NT	NT	9	NT	1300	NT
S047A	04/08/1983	REG	10	NT	NT	NT	NT	NT	NT	NT	NT	8	NT	1200	NT
S047A	09/19/1983	REG	9.6	NT	NT	NT	NT	NT	NT	NT	NT	7.2	NT	1100	NT
S047A	03/15/1985	REG	4.3	NT	NT	NT	NT	NT	NT	NT	NT	5.8	NT	650	NT
S047A	06/20/1985	REG	3.8	NT	NT	NT	NT	NT	NT	NT	NT	7.5	NT	1000	NT
S047A	10/04/1985	REG	4.8	NT	NT	NT	NT	NT	NT	NT	NT	7.9	NT	830	NT
S047A	12/13/1985	REG	4.3	NT	NT	NT	NT	NT	NT	NT	NT	7.6	NT	970	NT
S047A	03/12/1986	REG	ND 50	170	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	970	ND 100
S047A	05/29/1986	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	130	NT	ND 25	NT	920	ND 50
S047A	09/15/1986	FD	2.3	NT	NT	NT	NT	NT	NT	NT	NT	3.7	NT	850	NT
S047A	09/15/1986	REG	ND 20	100	ND 20	ND 20	NT	ND 20	ND 20	ND 20	NT	ND 20	NT	960	ND 40
S047A	12/23/1986	REG	48	390	ND 20	ND 20	NT	ND 20	ND 20	ND 20	NT	45	NT	1400	ND 40
S047A	03/16/1987	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	NT	NT	ND 25	NT	1500	ND 25
S047A	06/19/1987	REG	ND 25	83	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	1500	ND 25
S047A	09/26/1987	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	700	ND 25

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S047A	11/30/1987	REG	ND 5	26	9	ND 5	NT	ND 5	ND 5	30	NT	ND 5	NT	670	ND 5
S047A	02/11/1988	REG	ND 25	47	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	650	ND 25
S047A	04/25/1988	REG	ND 25	35	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	640	ND 25
S047A	07/28/1988	REG	ND 10	34	ND 10	ND 10	NT	ND 10	ND 10	13	NT	ND 10	NT	390	ND 10
S047A	10/21/1988	REG	ND 10	18	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	420	ND 10
S047A	02/10/1989	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	310	ND 10
S047A	04/12/1989	REG	ND 10	11	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	240	ND 10
S047A	08/03/1989	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	350	ND 10
S047A	10/10/1989	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	230	ND 10
S047A	01/24/1990	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	300	ND 10
S047A	04/11/1990	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	11	NT	ND 10	NT	290	ND 10
S047A	07/10/1990	REG	ND 10	15	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	330	ND 10
S047A	10/10/1990	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	12	NT	ND 10	NT	400	ND 10
S047A	01/09/1991	REG	ND 10	24	ND 10	ND 10	NT	ND 10	ND 10	26	NT	ND 10	NT	400	ND 10
S047A	04/10/1991	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	16	NT	ND 10	NT	400	ND 10
S047A	07/10/1991	REG	ND 10	17	ND 10	ND 10	NT	ND 10	ND 10	17	NT	ND 10	NT	410	ND 10
S047A	10/08/1991	REG	ND 10	16	ND 10	ND 10	NT	ND 10	ND 10	15	NT	ND 10	NT	570	ND 10
S047A	01/07/1992	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	500	ND 10
S047A	04/08/1992	REG	ND 10	24	ND 10	ND 10	NT	ND 10	ND 10	26	NT	ND 10	NT	480	ND 10
S047A	07/08/1992	REG	ND 10	10	ND 10	ND 10	NT	ND 10	ND 10	16	NT	ND 10	NT	390	ND 10
S047A	01/06/1993	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	430	ND 10
S047A	07/13/1993	REG	ND 5	13	ND 5	ND 5	NT	ND 5	ND 5	12	NT	ND 5	NT	460	ND 5
S047A	01/19/1994	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	460	ND 10
S047A	01/11/1995	REG	ND 5	19	ND 5	ND 5	NT	ND 5	ND 5	19	NT	ND 5	NT	440	ND 10
S047A	01/04/1996	REG	ND 10	13	ND 10	ND 10	NT	ND 10	ND 10	22	NT	ND 10	NT	350	ND 10
S047A	10/22/1997	REG	ND 1	ND 2	ND 0.5	ND 2	NT	ND 0.5	ND 0.5	6.8	NT	2.1	NT	160	ND 0.5

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S047B1	07/01/1982	REG	12	NT	2	1	NT	ND 1	ND 1	14	NT	7	NT	740	NT
S047B1	12/09/1982	REG	37	NT	NT	NT	NT	NT	NT	NT	NT	2	NT	740	NT
S047B1	04/08/1983	REG	ND 1	NT	NT	NT	NT	NT	NT	NT	NT	ND 1	NT	67	NT
S047B1	03/12/1986	REG	ND 5	42	ND 5	ND 5	NT	ND 5	ND 5	11	NT	ND 5	NT	650	ND 10
S047B1	05/28/1986	REG	ND 25	310	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	930	ND 50
S047B1	09/15/1986	FD	12	NT	NT	NT	NT	NT	NT	NT	NT	0.64	NT	850	NT
S047B1	09/15/1986	REG	ND 20	140	ND 20	ND 20	NT	ND 20	ND 20	ND 20	NT	ND 20	NT	810	ND 40
S047B1	12/22/1986	REG	77	380	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	540	ND 20
S047B1	03/13/1987	REG	ND 5	83	ND 5	ND 5	NT	ND 5	ND 5	NT	NT	ND 5	NT	1600	ND 5
S047B1	06/19/1987	REG	ND 50	140	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	3300	ND 50
S047B1	09/27/1987	REG	70	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	620	ND 50
S047B1	11/30/1987	REG	ND 10	270	ND 10	ND 10	NT	ND 10	ND 10	56	NT	ND 10	NT	630	ND 10
S047B1	02/11/1988	REG	ND 25	42	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	590	ND 25
S047B1	04/25/1988	REG	ND 25	46	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	710	ND 25
S047B1	07/28/1988	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	32	NT	ND 25	NT	630	ND 25
S047B1	10/21/1988	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	15	NT	ND 10	NT	520	ND 10
S047B1	02/10/1989	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	390	ND 10
S047B1	04/13/1989	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	280	ND 10
S047B1	08/02/1989	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	460	ND 10
S047B1	10/10/1989	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	310	ND 10
S047B1	01/24/1990	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	380	ND 10
S047B1	04/11/1990	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	530	ND 25
S047B1	07/11/1990	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	360	ND 25
S047B1	10/10/1990	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	420	ND 25
S047B1	01/09/1991	REG	ND 10	29	ND 10	ND 10	NT	ND 10	ND 10	32	NT	ND 10	NT	350	ND 10
S047B1	04/10/1991	REG	ND 10	32	ND 10	ND 10	NT	ND 10	ND 10	11	NT	ND 10	NT	380	ND 10

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S047B1	07/10/1991	REG	ND 10	17	ND 10	ND 10	NT	ND 10	ND 10	20	NT	ND 10	NT	380	ND 10
S047B1	10/09/1991	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	12	NT	ND 10	NT	410	ND 10
S047B1	01/08/1992	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	280	ND 10
S047B1	04/08/1992	REG	ND 10	35	ND 10	ND 10	NT	ND 10	ND 10	33	NT	ND 10	NT	490	ND 10
S047B1	07/08/1992	REG	ND 10	14	ND 10	ND 10	NT	ND 10	ND 10	19	NT	ND 10	NT	410	ND 10
S047B1	10/08/1992	REG	ND 5	11	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	390	ND 5
S047B1	01/06/1993	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	410	ND 10
S047B1	04/13/1993	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	480	ND 10
S047B1	07/13/1993	REG	ND 10	11	ND 10	ND 10	NT	ND 10	ND 10	11	NT	ND 10	NT	410	ND 10
S047B1	10/12/1993	REG	ND 5	11	ND 5	ND 5	NT	ND 5	ND 5	9.8	NT	ND 5	NT	450	ND 5
S047B1	01/19/1994	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	10	NT	ND 10	NT	390	ND 10
S047B1	07/20/1994	REG	ND 5	8.2	ND 5	ND 5	NT	ND 5	ND 5	19	NT	ND 5	NT	320	ND 5
S047B1	01/11/1995	REG	ND 5	15	ND 5	ND 5	NT	ND 5	ND 5	22	NT	ND 5	NT	450	ND 10
S047B1	07/12/1995	REG	ND 5	ND 10	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	400	ND 10
S047B1	10/25/1995	REG	ND 20	ND 20	ND 20	ND 20	NT	ND 20	ND 20	ND 20	NT	ND 20	NT	300	ND 20
S047B1	01/04/1996	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	18	NT	ND 10	NT	270	ND 10
S047B1	07/11/1996	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	12	NT	ND 10	NT	230	ND 10
S047B1	01/30/1997	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	180	ND 10
S047B1	07/23/1997	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	200	ND 5
S047B1	10/22/1997	REG	ND 1	ND 2	ND 0.5	ND 2	NT	ND 0.5	ND 0.5	7.2	NT	2.2	NT	160	ND 0.5
S047B1	06/25/1998	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	200	ND 5
S047B1	12/17/1998	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	250	ND 5
S047B1	06/15/1999	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	17	NT	260	ND 10
S047B1	11/12/1999	REG	ND 0.5	3.4	ND 0.5	ND 0.5	ND 1	ND 0.5	ND 0.5	5.2	ND 5	1.8	ND 0.5	220	ND 0.5
S047B1	04/17/2000	REG	0.6	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	6.1	ND 5	2.1	ND 0.5	180	ND 0.5
S047B1	10/26/2000	REG	0.6	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.7	4.8	ND 5	1.6	ND 0.5	200	ND 0.5

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S047B1	04/25/2001	REG	ND 0.7	ND 7.1	ND 0.7	ND 0.7	ND 0.7	ND 0.7	1.4	5.3	ND 7.1	1.6	ND 0.7	210	ND 0.7
S047B1	10/24/2001	REG	ND 0.7	ND 7.1	ND 0.7	ND 0.7	ND 0.7	ND 0.7	1.4	5	ND 7.1	1.4	ND 0.7	170	ND 0.7
S047B1	10/22/2002	REG	ND 0.5	ND 5	0.6	ND 0.5	ND 0.5	ND 0.5	0.7	3.1	ND 5	1.2	ND 0.5	170	ND 0.5
S047B1	10/24/2003	REG	0.8	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	6.5	ND 5	1.5	ND 0.5	160	ND 0.5
S047B1	10/08/2004	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	8.5	ND 5	1.3	ND 0.5	140	ND 0.5
S048A	07/01/1982	REG	87	NT	7	15	NT	ND 1	ND 1	43	NT	320	NT	2500	NT
S048A	12/09/1982	REG	89	NT	NT	NT	NT	NT	NT	NT	NT	190	NT	1300	NT
S048A	04/11/1983	REG	10	NT	NT	NT	NT	NT	NT	NT	NT	50	NT	500	NT
S048A	09/19/1983	REG	34	NT	NT	NT	NT	NT	NT	NT	NT	130	NT	1300	NT
S048A	12/12/1984	REG	14	NT	NT	NT	NT	NT	NT	NT	NT	72	NT	1900	NT
S048A	03/05/1985	REG	21	NT	NT	NT	NT	NT	NT	NT	NT	89	NT	1900	NT
S048A	06/20/1985	REG	6.8	NT	NT	NT	NT	NT	NT	NT	NT	87	NT	1200	NT
S048A	10/17/1985	REG	ND 50	74	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1500	ND 100
S048A	12/12/1985	REG	5.5	NT	NT	NT	NT	NT	NT	NT	NT	74	NT	1200	NT
S048A	03/12/1986	REG	ND 50	93	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	58	NT	1100	ND 100
S048A	05/29/1986	REG	ND 50	140	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1300	ND 100
S048A	09/15/1986	FD	88	NT	NT	NT	NT	NT	NT	NT	NT	37	NT	2600	NT
S048A	09/15/1986	REG	ND 100	400	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	3000	ND 200
S048A	12/23/1986	REG	160	1300	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	5200	ND 200
S048A	03/16/1987	REG	26	160	ND 25	ND 25	NT	ND 25	ND 25	NT	NT	ND 25	NT	3900	ND 25
S048A	06/19/1987	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	7000	ND 100
S048A	09/27/1987	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	4800	ND 100
S048A	12/02/1987	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	4500	ND 100
S048A	02/12/1988	REG	ND 50	120	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	2000	ND 50
S048A	04/27/1988	REG	ND 1	ND 1	ND 1	ND 1	NT	ND 1	ND 1	ND 1	NT	ND 1	NT	25	ND 1
S048A	07/29/1988	REG	ND 25	42	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	1300	ND 25

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S048A	10/23/1988	REG	ND 50	50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1300	ND 50
S048A	02/14/1989	REG	ND 25	29	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	860	ND 25
S048A	04/13/1989	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	14	ND 0.5
S048A	08/07/1989	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	510	ND 25
S048A	10/12/1989	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	500	ND 25
S048A	01/24/1990	REG	1.6	15	6.4	6.2	NT	ND 0.5	1	25	NT	17	NT	780	ND 0.5
S048A	04/11/1990	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	11	NT	ND 10	NT	480	ND 10
S048A	07/11/1990	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	520	ND 25
S048A	10/10/1990	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	550	ND 25
S048A	01/09/1991	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	400	ND 10
S048A	04/10/1991	REG	ND 10	13	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	420	ND 10
S048A	07/11/1991	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	280	ND 10
S048A	10/09/1991	REG	ND 2.5	ND 2.5	ND 2.5	5.5	NT	ND 2.5	ND 2.5	5.1	NT	3.8	NT	420	ND 2.5
S048A	01/07/1992	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	320	ND 10
S048A	04/08/1992	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	11	NT	6.3	NT	240	ND 5
S048A	07/09/1992	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	1.7	NT	ND 0.5	NT	24	ND 0.5
S048A	10/08/1992	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	430	ND 5
S048A	01/07/1993	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	320	ND 5
S048A	04/13/1993	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	270	ND 5
S048A	07/13/1993	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	320	ND 5
S048A	10/12/1993	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	320	ND 5
S048A	01/18/1994	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	6.7	NT	ND 5	NT	300	ND 5
S048A	07/19/1994	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	6.9	NT	ND 5	NT	230	ND 5
S048A	01/06/1995	REG	ND 5	ND 10	ND 5	ND 5	NT	ND 5	ND 5	5	NT	ND 5	NT	310	ND 10
S048A	07/12/1995	REG	ND 5	ND 10	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	5.8	NT	300	ND 10
S048A	10/24/1995	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	10	NT	10	NT	320	ND 5

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S048A	01/04/1996	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	280	ND 10
S048A	07/10/1996	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	290	ND 10
S048A	02/05/1997	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	180	ND 10
S048A	07/23/1997	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	330	ND 10
S048A	10/22/1997	REG	ND 1	ND 2	0.8	ND 2	NT	ND 0.5	0.8	14	NT	15	NT	340	ND 0.5
S048A	06/25/1998	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	9	NT	10	NT	260	ND 5
S048A	12/16/1998	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	91	NT	ND 10	NT	300	ND 10
S048A	06/15/1999	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	81	NT	ND 10	NT	160	ND 10
S048A	11/05/1999	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 1	ND 0.5	ND 0.5	170	ND 5	11	ND 0.5	200	ND 0.5
S048A	04/07/2000	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1	30	ND 5	9.9	ND 0.5	92	ND 0.5
S048A	10/23/2000	REG	ND 0.5	ND 5	ND 0.5	0.5	ND 0.5	ND 0.5	ND 0.5	130	ND 5	10	0.6	92	ND 0.5
S048A	04/18/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.8	43	ND 5	9	ND 0.5	68	ND 0.5
S048A	10/23/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.5	66	ND 5	8.6	ND 0.5	71	ND 0.5
S048A	10/21/2002	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.8	36	ND 5	9.8	ND 0.5	65	ND 0.5
S048A	10/15/2003	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	32	ND 5	13	ND 0.5	65	ND 0.5
S048A	10/08/2004	REG	ND 0.7	ND 7.1	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	70	ND 7.1	20	ND 0.7	120	ND 0.7
S048A	11/04/2005	REG	ND 1.3	ND 13	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	160	ND 13	20	1.3	170	ND 1.3
S048A	11/09/2006	REG	ND 0.7	8.6	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	38	ND 7.1	25	ND 0.7	200	ND 0.7
S048A	07/17/2007	REG	ND 1.7	ND 17	ND 1.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	76	ND 17	21	ND 1.7	180	ND 1.7
S048A	10/20/2008	REG	ND 0.7	13	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	120	ND 7.1	17	1.3	130	ND 0.7
S048A	10/20/2009	REG	ND 2.0	8.4	ND 2.0	ND 2.0	ND 2.0	ND 2.0	ND 2.0	110	ND 80	19	2.2	200	ND 2.0
S048A	10/20/2010	REG	ND 1.7	12	ND 1.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	100	ND 67	19	ND 1.7	170	ND 1.7
S048A	11/16/2011	REG	ND 1.0	19	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	120	ND 40	13	1.8	200	ND 1.0
S048A	11/01/2012	REG	ND 1.3	16	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	160	ND 50	15	2.6	200	ND 1.3
S048A	11/14/2013	REG	ND 1.3	7.6	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	220	ND 50	11	3.3	130	ND 1.3
S048A	11/15/2014	REG	ND 1.3	11	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	210	ND 50	11	3.1	110	ND 1.3

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S048A	12/04/2015	REG	ND 1.7	ND 6.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	280	ND 67	7.1	8.9	77	ND 1.7
S048A	11/20/2016	REG	ND 2.0	ND 8.0	ND 2.0	ND 2.0	ND 2.0	ND 2.0	ND 2.0	230	ND 80	9.7	2.3	110	ND 2.0
S048A	10/23/2017	REG	ND 1.7	7.3	ND 1.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	210	ND 67	9.3	2.6	150	ND 1.7
S048A	11/16/2018	REG	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	ND 5	260	8.9 B	3.7 J	1.8 J	32	ND 5
S048B1	07/01/1982	REG	95	NT	10	25	NT	ND 5	ND 5	29	NT	ND 5	NT	2600	NT
S048B1	12/09/1982	REG	460	NT	NT	NT	NT	NT	NT	NT	NT	170	NT	13300	NT
S048B1	04/11/1983	REG	7	NT	NT	NT	NT	NT	NT	NT	NT	ND 1	NT	200	NT
S048B1	09/19/1983	FD	2.7	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.5	NT	71	NT
S048B1	09/19/1983	REG	ND 4.3	NT	NT	NT	NT	NT	NT	NT	NT	0.1	NT	59	NT
S048B1	06/25/1984	REG	3.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	32	NT
S048B1	12/12/1984	REG	580	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.2	NT	53	NT
S048B1	03/05/1985	REG	2900	NT	NT	NT	NT	NT	NT	NT	NT	1.5	NT	15000	NT
S048B1	06/20/1985	REG	2000	NT	NT	NT	NT	NT	NT	NT	NT	4.3	NT	25000	NT
S048B1	10/17/1985	REG	2100	4600	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	43000	ND 1000
S048B1	12/31/1985	REG	3100	NT	NT	NT	NT	NT	NT	NT	NT	8.6	NT	37000	NT
S048B1	03/12/1986	FD	2500	NT	NT	NT	NT	NT	NT	NT	NT	7.1	NT	20000	NT
S048B1	03/12/1986	REG	2500	4600	ND 1000	ND 1000	NT	ND 1000	ND 1000	ND 1000	NT	ND 1000	NT	23000	ND 2000
S048B1	05/30/1986	REG	4000	9600	ND 1000	ND 1000	NT	ND 1000	ND 1000	ND 1000	NT	ND 1000	NT	43000	ND 2000
S048B1	10/01/1986	FD	2900	NT	NT	NT	NT	NT	NT	NT	NT	19	NT	43000	NT
S048B1	10/01/1986	REG	3900	7900	ND 1000	ND 1000	NT	ND 1000	ND 1000	ND 1000	NT	ND 1000	NT	45000	ND 2000
S048B1	12/22/1986	REG	5400	12000	ND 1000	ND 1000	NT	ND 1000	ND 1000	ND 1000	NT	ND 1000	NT	45000	ND 2000
S048B1	03/17/1987	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	NT	NT	ND 250	NT	9300	ND 250
S048B1	06/23/1987	REG	ND 250	1300	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	13000	ND 250
S048B1	09/30/1987	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	5000	ND 250
S048B1	12/02/1987	REG	ND 100	460	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	8200	ND 100
S048B1	02/12/1988	REG	ND 100	640	ND 100	ND 100	NT	ND 100	ND 100	100	NT	ND 100	NT	5700	ND 100

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S048B1	04/27/1988	REG	ND 100	580	ND 100	ND 100	NT	ND 100	ND 100	150	NT	ND 100	NT	4100	ND 100
S048B1	07/29/1988	REG	ND 100	540	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	4700	ND 100
S048B1	10/23/1988	REG	ND 100	290	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	3900	ND 100
S048B1	02/14/1989	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	2700	ND 100
S048B1	04/17/1989	REG	ND 25	29	ND 25	ND 25	NT	ND 25	ND 25	51	NT	ND 25	NT	1900	ND 25
S048B1	08/07/1989	REG	ND 50	91	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	3200	ND 50
S048B1	10/11/1989	REG	ND 50	200	ND 50	ND 50	NT	ND 50	ND 50	120	NT	ND 50	NT	3600	ND 50
S048B1	01/30/1990	REG	ND 25	160	ND 25	ND 25	NT	ND 25	ND 25	150	NT	ND 25	NT	3000	ND 25
S048B1	04/13/1990	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	100	NT	ND 100	NT	1500	ND 100
S048B1	07/12/1990	REG	ND 50	92	ND 50	ND 50	NT	ND 50	ND 50	160	NT	ND 50	NT	3800	ND 50
S048B1	10/11/1990	REG	ND 50	75	ND 50	ND 50	NT	ND 50	ND 50	78	NT	ND 50	NT	3200	ND 50
S048B1	01/10/1991	REG	ND 50	160	ND 50	ND 50	NT	ND 50	ND 50	220	NT	ND 50	NT	4600	ND 50
S048B1	04/11/1991	REG	ND 50	84	ND 50	ND 50	NT	ND 50	ND 50	280	NT	ND 50	NT	3800	ND 50
S048B1	07/11/1991	REG	ND 50	140	ND 50	ND 50	NT	ND 50	ND 50	260	NT	ND 50	NT	5500	ND 50
S048B1	10/10/1991	REG	ND 50	180	ND 50	ND 50	NT	ND 50	ND 50	160	NT	ND 50	NT	6700	ND 50
S048B1	01/10/1992	REG	ND 50	130	ND 50	ND 50	NT	ND 50	ND 50	300	NT	ND 50	NT	4700	ND 50
S048B1	04/17/1992	REG	ND 50	220	ND 50	ND 50	NT	ND 50	ND 50	320	NT	ND 50	NT	5500	ND 50
S048B1	07/10/1992	REG	ND 50	84	ND 50	ND 50	NT	ND 50	ND 50	220	NT	ND 50	NT	5400	ND 50
S048B1	10/09/1992	REG	ND 100	110	ND 100	ND 100	NT	ND 100	ND 100	200	NT	ND 100	NT	7300	ND 100
S048B1	01/08/1993	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	4200	ND 100
S048B1	04/15/1993	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	2700	ND 100
S048B1	07/14/1993	REG	ND 50	96	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	2700	ND 50
S048B1	10/13/1993	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	2300	ND 50
S048B1	01/20/1994	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	1100	ND 25
S048B1	07/22/1994	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	720	ND 25
S048B1	01/12/1995	REG	ND 10	ND 20	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	570	ND 20

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S048B1	07/12/1995	REG	ND 10	ND 20	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	540	ND 20
S048B1	10/25/1995	REG	ND 10	12	ND 10	ND 10	NT	ND 10	ND 10	17	NT	ND 10	NT	460	ND 10
S048B1	01/05/1996	REG	ND 20	ND 20	ND 20	ND 20	NT	ND 20	ND 20	ND 20	NT	ND 20	NT	460	ND 20
S048B1	07/11/1996	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	17	NT	ND 10	NT	410	ND 10
S048B1	02/04/1997	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	420	ND 25
S048B1	07/24/1997	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	620	ND 25
S048B1	10/22/1997	REG	ND 5	22	ND 2.5	ND 10	NT	ND 2.5	ND 2.5	18	NT	ND 2.5	NT	530	ND 2.5
S048B1	06/25/1998	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	700	ND 25
S048B1	12/16/1998	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	12	NT	ND 10	NT	430	ND 10
S048B1	06/16/1999	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	21	NT	ND 25	NT	400	ND 25
S048B1	11/13/1999	REG	ND 0.5	0.6	ND 0.5	ND 0.5	ND 1	ND 0.5	ND 0.5	16	ND 5	1	ND 0.5	300	ND 0.5
S048B1	04/18/2000	REG	ND 1	ND 10	ND 1	ND 1	ND 1	ND 1	ND 1	22	ND 10	1.7	2.9	240	ND 1
S048B1	10/28/2000	REG	ND 1	ND 10	ND 1	ND 1	ND 1	ND 1	ND 1	28	ND 10	1.5	ND 1	250	ND 1
S048B1	04/25/2001	REG	ND 1	ND 10	ND 1	ND 1	ND 1	ND 1	ND 1	66	ND 10	2	3.4	270	ND 1
S048B1	10/24/2001	REG	ND 0.7	ND 7.1	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	34	ND 7.1	ND 0.7	ND 0.7	170	ND 0.7
S048B1	10/22/2002	REG	ND 1	ND 10	ND 1	ND 1	ND 1	ND 1	ND 1	57	ND 10	1.3	4.9	230	ND 1
S048B1	10/27/2003	REG	1.3	ND 10	ND 1	ND 1	ND 1	ND 1	ND 1	85	ND 10	1.9	ND 1	260	ND 1
S048B1	10/11/2004	REG	ND 1	ND 10	ND 1	ND 1	ND 1	ND 1	ND 1	100	ND 10	1.1	ND 1	220	ND 1
S048B1	11/07/2005	REG	ND 2	ND 20	ND 2	ND 2	ND 2	ND 2	ND 2	84	ND 20	ND 2	ND 2	250	ND 2
S048B1	11/20/2006	REG	ND 0.5	5.7	0.6	0.8	ND 0.5	ND 0.5	ND 0.5	96	ND 5	1	0.9	200	ND 0.5
S048B1	07/25/2007	REG	ND 1.3	ND 13	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	100	ND 13	ND 1.3	1.6	160	ND 1.3
S048B1	10/24/2008	REG	2.1	390	5.2	3	ND 1.7	ND 1.7	ND 1.7	430	ND 17	1.9	2.6	840	ND 1.7
S048B1	10/30/2009	REG	ND 3.6	50	ND 3.6	ND 3.6	ND 3.6	ND 3.6	ND 3.6	210	ND 140	ND 3.6	5.5	540	ND 3.6
S048B1	10/28/2010	REG	ND 2.0	23	ND 2.0	ND 2.0	ND 2.0	ND 2.0	ND 2.0	160	ND 80	ND 2.0	ND 2.0	300	ND 2.0
S048B1	12/05/2011	REG	ND 2.0	10	ND 2.0	ND 2.0	ND 2.0	ND 2.0	ND 2.0	120	ND 80	ND 2.0	ND 2.0	210	ND 2.0
S048B1	11/09/2012	REG	ND 1.7	12	ND 1.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	96	ND 67	ND 1.7	ND 1.7	190	ND 1.7

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S048B1	11/18/2013	REG	ND 1.7	ND 6.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	110	ND 67	ND 1.7	ND 1.7	170	ND 1.7
S048B1	11/13/2014	REG	ND 1.3	ND 5.0	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	75	ND 50	ND 1.3	ND 1.3	130	ND 1.3
S048B1	12/01/2015	REG	ND 5.0	ND 20	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 200	ND 5.0	ND 5.0	11	ND 5.0
S048B1	11/17/2016	REG	ND 1.7	ND 6.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	22	ND 67	ND 1.7	ND 1.7	48	ND 1.7
S048B1	10/26/2017	REG	ND 1.7	ND 6.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	19	ND 67	ND 1.7	ND 1.7	54	ND 1.7
S048B1	11/16/2018	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	12	ND 0.5	ND 0.5	ND 0.5	44	ND 0.5
S048B2	05/07/1986	FD	17	NT	NT	NT	NT	NT	NT	NT	NT	20	NT	13000	NT
S048B2	05/07/1986	REG	ND 200	6500	ND 200	ND 200	NT	ND 200	ND 200	ND 200	NT	ND 200	NT	25000	ND 700
S048B2	10/01/1986	REG	18	NT	NT	NT	NT	NT	NT	NT	NT	17	NT	11000	NT
S048B2	03/09/1987	REG	ND 500	4000	ND 500	ND 500	NT	ND 500	ND 500	NT	NT	ND 500	NT	43000	ND 500
S048B2	06/17/1987	REG	ND 1000	6000	ND 1000	ND 1000	NT	ND 1000	ND 1000	ND 1000	NT	ND 1000	NT	28000	ND 1000
S048B2	09/26/1987	REG	ND 500	9900	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	31000	ND 500
S048B2	11/30/1987	REG	ND 500	2100	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	22000	ND 500
S048B2	02/10/1988	REG	ND 500	2300	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	15000	ND 500
S048B2	04/28/1988	REG	ND 500	2700	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	17000	ND 500
S048B2	07/26/1988	REG	ND 500	1600	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	12000	ND 500
S048B2	10/26/1988	REG	ND 500	5000	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	20000	ND 500
S048B2	02/16/1989	REG	ND 500	800	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	13000	ND 500
S048B2	04/11/1989	REG	ND 500	1400	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	16000	ND 500
S048B2	07/28/1989	FD	ND 250	4100	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	18000	ND 250
S048B2	07/28/1989	REG	ND 250	3000	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	14000	ND 250
S048B2	10/17/1989	REG	ND 500	4800	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	17000	ND 500
S048B2	01/26/1990	REG	ND 250	3100	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	17000	ND 250
S048B2	04/10/1990	REG	ND 250	5000	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	16000	ND 250
S048B2	07/10/1990	REG	ND 250	2700	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	16000	ND 250
S048B2	10/11/1990	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	8800	ND 50

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S048B2	01/09/1991	REG	ND 250	2000	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	14000	ND 250
S048B2	04/09/1991	REG	ND 250	2600	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	18000	ND 250
S048B2	07/09/1991	REG	ND 250	1700	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	18000	ND 250
S048B2	10/08/1991	REG	ND 250	1400	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	20000	ND 250
S048B2	01/06/1992	REG	ND 250	2600	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	16000	ND 250
S048B2	04/10/1992	REG	ND 250	2200	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	17000	ND 250
S048B2	07/08/1992	REG	ND 250	1200	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	7500	ND 250
S048B2	10/09/1992	REG	ND 250	1800	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	6900	ND 250
S048B2	01/25/1993	REG	ND 100	2600	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	7000	ND 100
S048B2	04/14/1993	REG	ND 100	1300	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	6000	ND 100
S048B2	07/12/1993	REG	ND 100	1800	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	6300	ND 100
S048B2	10/11/1993	REG	ND 250	4500	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	22000	ND 250
S048B2	01/20/1994	REG	ND 100	970	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	5400	ND 100
S048B2	04/19/1994	REG	ND 250	1500	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	6000	ND 250
S048B2	07/20/1994	REG	ND 100	5900	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	9100	ND 100
S048B2	10/04/1994	REG	ND 500	1400	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	20000	ND 500
S048B2	04/21/1995	REG	ND 100	1200	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	5300	ND 200
S048B2	07/13/1995	REG	ND 100	1300	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	5100	ND 200
S048B2	10/24/1995	REG	ND 100	850	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	4400	ND 100
S048B2	01/17/1996	REG	ND 100	1900	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	18000	ND 100
S048B2	04/04/1996	REG	ND 500	1600	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	12000	ND 500
S048B2	07/16/1996	REG	ND 500	2300	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	14000	ND 500
S048B2	10/10/1996	REG	ND 500	2300	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	14000	ND 500
S048B2	02/07/1997	REG	ND 500	2500	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	18000	ND 500
S048B2	04/09/1997	REG	ND 500	2600	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	15000	ND 500
S048B2	07/28/1997	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	17000	ND 500

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S048B2	10/27/1997	REG	ND 100	1800	ND 50	ND 200	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	14000	ND 50
S048B2	04/15/1998	REG	ND 500	1200	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	19000	ND 500
S048B2	10/14/1998	REG	ND 1000	3200	NT	NT	NT	ND 1000	NT	ND 1000	NT	NT	NT	21000	NT
S048B2	01/22/1999	REG	ND 500	1500	ND 500	ND 500	ND 1000	ND 500	ND 500	ND 500	ND 5000	ND 500	ND 500	19000	ND 500
S048B2	06/09/1999	REG	ND 500	1700	ND 500	ND 500	ND 1000	ND 500	ND 500	ND 500	ND 5000	ND 500	ND 500	17000	ND 500
S048B2	09/23/1999	REG	ND 100	1400	ND 100	ND 100	ND 200	ND 100	ND 100	ND 100	ND 1000	ND 100	ND 100	18000	ND 100
S048B2	04/03/2000	REG	ND 63	1800	ND 63	ND 63	ND 63	ND 63	ND 63	ND 63	ND 630	ND 63	ND 63	14000	ND 63
S048B2	10/02/2000	REG	ND 50	1500	ND 50	ND 50	ND 50	ND 50	ND 50	ND 50	ND 500	ND 50	ND 50	14000	ND 50
S048B2	04/02/2001	REG	ND 50	2900	ND 50	ND 50	ND 50	ND 50	ND 50	ND 50	ND 500	ND 50	ND 50	20000	ND 50
S048B2	10/01/2001	REG	ND 50	1500	ND 50	ND 50	ND 50	ND 50	ND 50	ND 50	ND 500	ND 50	ND 50	13000	ND 50
S048B2	04/16/2002	REG	ND 50	2000	ND 50	ND 50	ND 50	ND 50	ND 50	ND 50	ND 500	ND 50	ND 50	16000	ND 50
S048B2	10/03/2002	REG	ND 50	3000	ND 50	ND 50	ND 50	ND 50	ND 50	ND 50	ND 500	ND 50	ND 50	18000	ND 50
S048B2	04/08/2003	REG	ND 50	1900	ND 50	ND 50	ND 50	ND 50	ND 50	ND 50	ND 500	ND 50	ND 50	16000	ND 50
S048B2	10/16/2003	FD	ND 17	920	ND 17	ND 17	ND 17	ND 17	ND 17	ND 17	ND 170	ND 17	ND 17	5600	ND 17
S048B2	10/16/2003	REG	ND 17	820	ND 17	ND 17	ND 17	ND 17	ND 17	ND 17	ND 170	ND 17	ND 17	5100	ND 17
S048B2	04/26/2004	REG	ND 17	1900	ND 17	ND 17	ND 17	ND 17	ND 17	19	ND 170	ND 17	ND 17	12000	ND 17
S048B2	10/13/2004	FD	ND 100	1800	ND 100	ND 100	ND 100	ND 100	ND 100	ND 100	ND 1000	ND 100	ND 100	11000	ND 100
S048B2	10/13/2004	REG	ND 83	1900	ND 83	ND 83	ND 83	ND 83	ND 83	ND 83	ND 830	ND 83	ND 83	11000	ND 83
S048B2	04/04/2005	FD	ND 100	2500	ND 100	ND 100	ND 100	ND 100	ND 100	ND 100	ND 1000	ND 100	ND 100	13000	ND 100
S048B2	04/04/2005	REG	ND 71	2600	ND 71	ND 71	ND 71	ND 71	ND 71	ND 71	ND 710	ND 71	ND 71	14000	ND 71
S048B2	11/02/2005	REG	ND 71	1500	ND 71	ND 71	ND 71	ND 71	ND 71	ND 71	ND 710	ND 71	ND 71	12000	ND 71
S048B2	06/21/2006	REG	ND 83	1600	ND 83	ND 83	ND 83	ND 83	ND 83	ND 83	ND 830	ND 83	ND 83	12000	ND 83
S048B2	11/01/2006	REG	ND 83	1300	ND 83	ND 83	ND 83	ND 83	ND 83	ND 83	ND 830	ND 83	ND 83	12000	ND 83
S048B2	04/30/2007	REG	ND 83	1900	ND 83	ND 83	ND 83	ND 83	ND 83	ND 83	ND 830	ND 83	ND 83	13000	ND 83
S048B2	07/09/2007	REG	ND 71	840	ND 71	ND 71	ND 71	ND 71	ND 71	ND 71	ND 710	ND 71	ND 71	10000	ND 71
S048B2	10/21/2008	REG	ND 63	1400	ND 63	ND 63	ND 63	ND 63	ND 63	ND 63	ND 630	ND 63	ND 63	10000	ND 63

Notes:
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S048B2	05/21/2009	REG	ND 63	1200	ND 63	ND 63	ND 63	ND 63	ND 63	ND 63	ND 630	ND 63	ND 63	9700	ND 63
S048B2	11/03/2009	REG	ND 63	1100	ND 63	ND 63	ND 63	ND 63	ND 63	ND 63	ND 2500	ND 63	ND 63	11000	ND 63
S048B2	05/07/2010	FD	ND 63	1200	ND 63	ND 63	ND 63	ND 63	ND 63	ND 63	ND 2500	ND 63	ND 63	10000	ND 63
S048B2	05/07/2010	REG	ND 63	1500	ND 63	ND 63	ND 63	ND 63	ND 63	ND 63	ND 2500	ND 63	ND 63	12000	ND 63
S048B2	11/04/2010	REG	ND 63	1300	ND 63	ND 63	ND 63	ND 63	ND 63	ND 63	ND 2500	ND 63	ND 63	9000	ND 63
S048B2	06/02/2011	FD	ND 83	1900	ND 83	ND 83	ND 83	ND 83	ND 83	ND 83	ND 3300	ND 83	ND 83	9700	ND 83
S048B2	06/02/2011	REG	ND 71	2000	ND 71	ND 71	ND 71	ND 71	ND 71	ND 71	ND 2900	ND 71	ND 71	9900	ND 71
S048B2	11/04/2011	fd	ND 63	940	ND 63	ND 63	ND 63	ND 63	ND 63	ND 63	ND 2500	ND 63	ND 63	9900	ND 63
S048B2	11/04/2011	REG	ND 63	1500	ND 63	ND 63	ND 63	ND 63	ND 63	ND 63	ND 2500	ND 63	ND 63	11000	ND 63
S048B2	06/09/2012	FD	ND 71	1300	ND 71	ND 71	ND 71	ND 71	ND 71	ND 71	ND 2900	ND 71	ND 71	8700	ND 71
S048B2	06/09/2012	REG	ND 63	940	ND 63	ND 63	ND 63	ND 63	ND 63	ND 63	ND 2500	ND 63	ND 63	7400	ND 63
S048B2	10/24/2012	FD	ND 50	1300	ND 50	ND 50	ND 50	ND 50	ND 50	ND 50	ND 2000	ND 50	ND 50	8600	ND 50
S048B2	10/24/2012	REG	ND 63	1500	ND 63	ND 63	ND 63	ND 63	ND 63	ND 63	ND 2500	ND 63	ND 63	11000	ND 63
S048B2	06/19/2013	FD	ND 63	1300	ND 63	ND 63	ND 63	ND 63	ND 63	ND 63	ND 2500	ND 63	ND 63	8700	ND 63
S048B2	06/19/2013	REG	ND 63	1600	ND 63	ND 63	ND 63	ND 63	ND 63	ND 63	ND 2500	ND 63	ND 63	9600	ND 63
S048B2	11/06/2013	FD	ND 83	2100	ND 83	ND 83	ND 83	ND 83	ND 83	ND 83	ND 3300	ND 83	ND 83	13000	ND 83
S048B2	11/06/2013	REG	ND 63	1100	ND 63	ND 63	ND 63	ND 63	ND 63	ND 63	ND 2500	ND 63	ND 63	9800	ND 63
S048B2	06/09/2014	FD	ND 63	1100	ND 63	ND 63	ND 63	ND 63	ND 63	ND 63	ND 2500	ND 63	ND 63	7600	ND 63
S048B2	06/09/2014	REG	ND 63	1000	ND 63	ND 63	ND 63	ND 63	ND 63	ND 63	ND 2500	ND 63	ND 63	6900	ND 63
S048B2	10/30/2014	FD	ND 50	1300	ND 50	ND 50	ND 50	ND 50	ND 50	ND 50	ND 2000	ND 50	ND 50	7700	ND 50
S048B2	10/30/2014	REG	ND 63	1600	ND 63	ND 63	ND 63	ND 63	ND 63	ND 63	ND 2500	ND 63	ND 63	7900	ND 63
S048B2	05/21/2015	FD	ND 100	1300	ND 100	ND 100	ND 100	ND 100	ND 100	ND 100	ND 4000	ND 100	ND 100	9400	ND 100
S048B2	05/21/2015	REG	ND 63	990	ND 63	ND 63	ND 63	ND 63	ND 63	96	ND 2500	ND 63	ND 63	7400	ND 63
S048B2	10/16/2015	FD	ND 50	1700	ND 50	ND 50	ND 50	ND 50	ND 50	76	ND 2000	ND 50	ND 50	9500	ND 50
S048B2	10/16/2015	REG	ND 50	1200	ND 50	ND 50	ND 50	ND 50	ND 50	ND 50	ND 2000	ND 50	ND 50	7900	ND 50
S048B2	05/26/2016	FD	ND 42	990	ND 42	ND 42	ND 42	ND 42	ND 42	56	ND 1700	ND 42	ND 42	6200	ND 42

Notes:
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ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S048B2	05/26/2016	REG	ND 50	1200	ND 50	ND 50	ND 50	ND 50	ND 50	ND 50	ND 2000	ND 50	ND 50	7700	ND 50
S048B2	10/13/2016	FD	ND 71	1500	ND 71	ND 71	ND 71	ND 71	ND 71	ND 71	ND 2900	ND 71	ND 71	7700	ND 71
S048B2	10/13/2016	REG	ND 63	1600	ND 63	ND 63	ND 63	ND 63	ND 63	ND 63	ND 2500	ND 63	ND 63	8200	ND 63
S048B2	05/23/2017	FD	ND 42	1300	ND 42	ND 42	ND 42	ND 42	ND 42	ND 42	ND 1700	ND 42	ND 42	6600	ND 42
S048B2	05/23/2017	REG	ND 50	1200	ND 50	ND 50	ND 50	ND 50	ND 50	ND 50	ND 2000	ND 50	ND 50	8100	ND 50
S048B2	10/13/2017	FD	ND 50	1000	ND 50	ND 50	ND 50	ND 50	ND 50	ND 50	ND 2000	ND 50	ND 50	9600	ND 50
S048B2	10/13/2017	REG	ND 63	850	ND 63	ND 63	ND 63	ND 63	ND 63	ND 63	ND 2500	ND 63	ND 63	9600	ND 63
S048B2	05/24/2018	FD	ND 63	890	ND 63	ND 63	ND 63	ND 63	ND 63	ND 63	ND 2500	ND 63	ND 63	6400	ND 63
S048B2	05/24/2018	REG	ND 63	780	ND 63	ND 63	ND 63	ND 63	ND 63	ND 63	ND 2500	ND 63	ND 63	5900	ND 63
S048B2	10/09/2018	FB	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S048B2	10/09/2018	FD	ND 50	810	ND 50	ND 50	ND 50	ND 50	ND 50	ND 50	ND 2000	ND 50	ND 50	7000	ND 50
S048B2	10/09/2018	REG	ND 63	920	ND 63	ND 63	ND 63	ND 63	ND 63	ND 63	ND 2500	ND 63	ND 63	7400	ND 63
S048B3	09/09/1986	REG	ND 2	ND 2	ND 2	ND 2	NT	ND 2	ND 2	ND 2	NT	ND 2	NT	2	ND 7
S048B3	10/16/1986	REG	0.31	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	2	NT
S048B3	03/09/1987	REG	ND 0.5	36	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	NT	NT	ND 0.5	NT	88	ND 0.5
S048B3	02/10/1988	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S048B3	02/24/1989	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S048B3	01/30/1990	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	0.9	ND 0.5
S048B3	01/09/1991	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	0.9	ND 0.5
S048B3	01/08/1992	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S048B3	01/06/1993	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S048B3	01/18/1994	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S048B3	01/04/1995	REG	ND 0.5	ND 1	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 1
S048B3	01/06/1996	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S048B3	02/07/1997	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S048B3	10/16/1997	REG	ND 1	ND 2	ND 0.5	ND 2	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S048B3	06/29/1998	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S048B3	06/10/1999	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S048B3	11/05/1999	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 1	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S048B3	04/06/2000	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S048B3	10/27/2000	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S048B3	04/20/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S048B3	10/22/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S048B3	10/23/2002	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S048B3	10/29/2003	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S048B3	10/15/2004	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S048B3	11/04/2005	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S048B3	11/03/2006	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S048B3	07/24/2007	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S048B3	10/22/2008	REG	ND 0.5	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S048B3	10/22/2009	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	2	ND 0.5
S048B3	11/02/2010	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S048B3	12/07/2011	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S048B3	11/28/2012	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	0.6	ND 0.5
S048B3	11/21/2013	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	1.9	ND 0.5
S048B3	11/19/2014	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.8	ND 20	ND 0.5	ND 0.5	0.5	ND 0.5
S048B3	12/04/2015	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S048B3	12/07/2016	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S048B3	12/07/2017	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S048B3	11/16/2018	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.130 J	0.38 JB	ND 0.5	ND 0.5	0.240 J	ND 0.5
S049A	07/01/1982	REG	120	NT	36	88	NT	ND 5	ND 5	10000	NT	ND 5	NT	34000	NT
S049A	12/13/1982	REG	110	NT	NT	NT	NT	NT	NT	NT	NT	9	NT	2600	NT

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S049A	04/15/1983	REG	150	NT	NT	NT	NT	NT	NT	NT	NT	20	NT	6100	NT
S049A	08/11/1983	FD	240	NT	NT	NT	NT	NT	NT	NT	NT	14	NT	5000	NT
S049A	08/11/1983	REG	240	NT	NT	NT	NT	NT	NT	NT	NT	14	NT	4700	NT
S049A	09/21/1983	REG	250	NT	NT	NT	NT	NT	NT	NT	NT	18	NT	5100	NT
S049A	04/05/1984	REG	150	NT	NT	NT	NT	NT	NT	NT	NT	14	NT	5300	NT
S049A	07/18/1984	REG	230	NT	NT	NT	NT	NT	NT	NT	NT	30	NT	7400	NT
S049A	09/26/1984	REG	200	NT	NT	NT	NT	NT	NT	NT	NT	26	NT	8700	NT
S049A	12/07/1984	REG	170	NT	NT	NT	NT	NT	NT	NT	NT	20	NT	8000	NT
S049A	03/08/1985	REG	110	NT	NT	NT	NT	NT	NT	NT	NT	9.7	NT	4600	NT
S049A	06/21/1985	REG	140	NT	NT	NT	NT	NT	NT	NT	NT	13	NT	8000	NT
S049A	10/17/1985	REG	60	NT	NT	NT	NT	NT	NT	NT	NT	5.6	NT	2900	NT
S049A	12/13/1985	REG	130	NT	NT	NT	NT	NT	NT	NT	NT	13	NT	6800	NT
S049A	03/11/1986	REG	170	300	ND 100	ND 100	NT	ND 100	ND 100	170	NT	ND 100	NT	5600	ND 200
S049A	06/04/1986	REG	ND 100	240	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	4300	ND 200
S049A	09/26/1986	FD	35	NT	NT	NT	NT	NT	NT	NT	NT	5.8	NT	3300	NT
S049A	09/26/1986	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	7100	ND 200
S049A	12/09/1986	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	170	NT	ND 25	NT	1500	ND 50
S049A	03/17/1987	REG	38	100	ND 25	ND 25	NT	ND 25	ND 25	NT	NT	ND 25	NT	4900	ND 25
S049A	06/22/1987	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	500	NT	ND 250	NT	10000	ND 250
S049A	09/26/1987	REG	ND 100	200	ND 100	ND 100	NT	ND 100	ND 100	680	NT	ND 100	NT	12000	ND 100
S049A	12/03/1987	REG	ND 250	990	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	19000	ND 250
S049A	02/16/1988	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	850	NT	ND 250	NT	8900	ND 250
S049A	04/27/1988	REG	ND 250	720	ND 250	ND 250	NT	ND 250	ND 250	1000	NT	ND 250	NT	11000	ND 250
S049A	07/29/1988	REG	ND 250	740	ND 250	ND 250	NT	ND 250	ND 250	900	NT	ND 250	NT	13000	ND 250
S049A	10/24/1988	REG	ND 500	800	ND 500	ND 500	NT	ND 500	ND 500	900	NT	ND 500	NT	24000	ND 500
S049A	02/18/1989	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	3800	NT	ND 250	NT	9500	ND 250

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S049A	04/25/1989	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	1400	NT	ND 250	NT	15000	ND 250
S049A	08/08/1989	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	1900	NT	ND 500	NT	26000	ND 500
S049A	10/17/1989	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	13000	NT	ND 500	NT	18000	ND 500
S049A	02/02/1990	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	3600	NT	ND 500	NT	12000	ND 500
S049A	04/13/1990	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	2700	NT	ND 500	NT	7500	ND 500
S049A	07/12/1990	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	1500	NT	ND 500	NT	13000	ND 500
S049A	10/12/1990	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	490	NT	ND 250	NT	12000	ND 250
S049A	01/10/1991	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	3800	NT	ND 250	NT	9900	ND 250
S049A	04/11/1991	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	5400	NT	ND 250	NT	5300	ND 250
S049A	07/11/1991	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	2700	NT	ND 250	NT	7800	ND 250
S049A	10/11/1991	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	1700	NT	ND 250	NT	9200	ND 250
S049A	01/10/1992	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	3300	NT	ND 250	NT	3300	ND 250
S049A	04/17/1992	REG	ND 50	52	ND 50	ND 50	NT	ND 50	ND 50	5300	NT	ND 50	NT	1500	ND 50
S049A	07/09/1992	REG	ND 25	39	ND 25	ND 25	NT	ND 25	ND 25	2800	NT	ND 25	NT	3400	ND 25
S049A	10/10/1992	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	2400	NT	ND 50	NT	3300	ND 50
S049A	01/08/1993	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	2300	NT	ND 50	NT	2800	ND 50
S049A	04/14/1993	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	1500	NT	ND 50	NT	970	130
S049A	07/15/1993	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	610	NT	ND 50	NT	3100	ND 50
S049A	10/13/1993	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	940	NT	ND 50	NT	5000	660
S049A	01/20/1994	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	530	NT	ND 50	NT	2700	360
S049A	04/19/1994	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	740	NT	ND 50	NT	1700	710
S049A	07/29/1994	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	9600	NT	ND 500	NT	29000	ND 500
S049A	10/06/1994	REG	ND 50	ND 50	ND 50	58	NT	ND 50	ND 50	920	NT	ND 50	NT	3600	ND 50
S049A	04/27/1995	REG	ND 10	ND 20	ND 10	ND 10	NT	ND 10	ND 10	910	NT	ND 10	NT	520	390
S049A	07/14/1995	REG	ND 25	ND 50	ND 25	ND 25	NT	ND 25	ND 25	460	NT	ND 25	NT	960	440
S049A	11/01/1995	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	770	NT	ND 50	NT	1800	290

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S049A	01/11/1996	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	1100	NT	ND 50	NT	370	ND 50
S049A	04/02/1996	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	850	NT	ND 25	NT	730	190
S049A	07/12/1996	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	1100	NT	ND 25	NT	1200	140
S049A	02/04/1997	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	380	NT	ND 25	NT	960	ND 25
S049A	04/08/1997	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	390	NT	ND 25	NT	1800	ND 25
S049A	07/24/1997	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	860	NT	ND 50	NT	1100	ND 50
S049A	10/23/1997	REG	ND 10	ND 20	ND 5	ND 20	NT	ND 5	ND 5	1100	NT	ND 5	NT	1000	160
S049A	06/26/1998	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	3200	NT	ND 50	NT	ND 50	ND 50
S049A	12/21/1998	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	1500	NT	ND 50	NT	ND 50	ND 50
S049A	06/04/1999	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	1300	NT	ND 50	NT	ND 50	ND 50
S049A	11/12/1999	REG	ND 2.5	3.9	ND 2.5	8.8	ND 5	ND 2.5	ND 2.5	4500	ND 25	ND 2.5	22	89	340
S049A	04/07/2000	REG	ND 10	ND 100	ND 10	ND 10	ND 10	ND 10	ND 10	2400	ND 100	ND 10	38	26	140
S049A	10/26/2000	REG	ND 13	ND 130	ND 13	ND 13	ND 13	ND 13	ND 13	3300	ND 130	ND 13	22	48	21
S049A	04/30/2001	REG	ND 10	ND 100	ND 10	ND 10	ND 10	ND 10	ND 10	2800	ND 100	ND 10	25	69	22
S049A	10/26/2001	REG	ND 17	ND 170	ND 17	ND 17	ND 17	ND 17	ND 17	4700	ND 170	ND 17	49	41	ND 17
S049A	10/25/2002	REG	ND 6.3	ND 63	ND 6.3	6.7	ND 6.3	ND 6.3	ND 6.3	2900	ND 63	ND 6.3	16	280	8.3
S049A	10/20/2003	REG	ND 25	ND 250	ND 25	ND 25	ND 25	ND 25	ND 25	5100	ND 250	ND 25	32	2400	ND 25
S049A	10/11/2004	REG	ND 13	ND 130	ND 13	ND 13	ND 13	ND 13	ND 13	1700	ND 130	ND 13	24	32	36
S049A	11/09/2005	REG	ND 4.2	ND 42	ND 4.2	5.9	ND 4.2	ND 4.2	ND 4.2	2800	ND 42	ND 4.2	29	29	130
S049A	11/09/2006	REG	ND 7.1	ND 71	ND 7.1	ND 7.1	ND 7.1	ND 7.1	ND 7.1	1500	ND 71	ND 7.1	16	59	63
S049A	07/19/2007	REG	ND 42	ND 420	ND 42	ND 42	ND 42	ND 42	ND 42	5000	ND 420	ND 42	ND 42	1300	ND 42
S049A	10/17/2008	REG	ND 25	ND 250	ND 25	ND 25	ND 25	ND 25	ND 25	3200	ND 250	ND 25	48	170	ND 25
S049A	10/21/2009	REG	ND 25	160	ND 25	ND 25	ND 25	ND 25	ND 25	4400	ND 1000	ND 25	57	1100	ND 25
S049A	10/21/2010	REG	ND 17	97	ND 17	ND 17	ND 17	ND 17	ND 17	4100	ND 670	ND 17	49	500	ND 17
S049A	11/16/2011	REG	ND 25	ND 150	ND 25	ND 25	ND 25	ND 25	ND 25	3600	ND 1000	ND 25	35	570	ND 25
S049A	11/01/2012	REG	ND 25	ND 100	ND 25	ND 25	ND 25	ND 25	ND 25	4100	ND 1000	ND 25	46	780	ND 25

Notes:
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S049A	11/14/2013	REG	ND 25	ND 100	ND 25	ND 25	ND 25	ND 25	ND 25	6800	ND 1000	ND 25	39	1800	ND 25
S049A	11/08/2014	REG	ND 50	240	ND 50	ND 50	ND 50	ND 50	ND 50	4700	ND 2000	ND 50	ND 50	3100	ND 50
S049A	11/25/2015	FD	ND 31	ND 130	ND 31	ND 31	ND 31	ND 31	ND 31	4000	ND 1300	ND 31	39	1500	ND 31
S049A	11/25/2015	REG	ND 31	ND 130	ND 31	ND 31	ND 31	ND 31	ND 31	3500	ND 1300	ND 31	35	1300	ND 31
S049A	10/20/2016	REG	ND 31	ND 130	ND 31	ND 31	ND 31	ND 31	ND 31	2800	ND 1300	ND 31	ND 31	1400	ND 31
S049A	11/14/2016	FD	ND 25	ND 100	ND 25	ND 25	ND 25	ND 25	ND 25	2700	ND 1000	ND 25	57	240	ND 25
S049A	11/14/2016	REG	ND 31	ND 130	ND 31	ND 31	ND 31	ND 31	ND 31	2700	ND 1300	ND 31	45	250	ND 31
S049A	12/15/2016	REG	ND 20	ND 80	ND 20	ND 20	ND 20	ND 20	ND 20	2100	ND 800	ND 20	22	180	ND 20
S049A	01/17/2017	REG	ND 13	ND 50	ND 13	ND 13	ND 13	ND 13	ND 13	1300	ND 500	ND 13	17	190	ND 13
S049A	02/15/2017	REG	ND 10	ND 40	ND 10	ND 10	ND 10	ND 10	ND 10	920	ND 400	ND 10	13	160	ND 10
S049A	05/17/2017	REG	ND 7.1	ND 29	ND 7.1	ND 7.1	ND 7.1	ND 7.1	ND 7.1	1300	ND 290	ND 7.1	14	230	ND 7.1
S049A	08/16/2017	REG	ND 7.1	ND 29	ND 7.1	ND 7.1	ND 7.1	ND 7.1	ND 7.1	1400	ND 290	ND 7.1	17	250	ND 7.1
S049A	10/23/2017	REG	ND 6.3	ND 25	ND 6.3	ND 6.3	ND 6.3	ND 6.3	ND 6.3	920	ND 250	ND 6.3	11	190	ND 6.3
S049A	11/16/2017	REG	ND 10	ND 40	ND 10	ND 10	ND 10	ND 10	ND 10	1700	ND 400	ND 10	18	280	ND 10
S049A	11/15/2018	REG	ND 10	ND 10	ND 10	ND 10	ND 10	ND 10	ND 10	1900	70 B	ND 10	14	160	ND 10
S049B1	07/01/1982	REG	ND 5	NT	ND 5	ND 5	NT	ND 5	ND 5	180	NT	ND 5	NT	5	NT
S049B1	12/13/1982	REG	ND 1	NT	NT	NT	NT	NT	NT	NT	NT	ND 1	NT	8	NT
S049B1	04/15/1983	REG	ND 1	NT	NT	NT	NT	NT	NT	NT	NT	ND 1	NT	15	NT
S049B1	08/09/1983	REG	0.2	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	15	NT
S049B1	09/21/1983	REG	0.3	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	20	NT
S049B1	06/25/1984	REG	0.55	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	34	NT
S049B1	12/07/1984	REG	0.55	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.2	NT	36	NT
S049B1	03/05/1985	REG	0.55	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	37	NT
S049B1	06/18/1985	REG	0.4	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	25	NT
S049B1	10/17/1985	REG	0.33	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	26	NT
S049B1	12/29/1985	REG	0.6	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.5	NT	33	NT

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S049B1	03/11/1986	REG	1.1	13	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	42	ND 1
S049B1	07/09/1986	REG	ND 1	21	ND 1	ND 1	NT	ND 1	ND 1	ND 1	NT	ND 1	NT	40	ND 2
S049B1	09/11/1986	FD	0.72	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	36	NT
S049B1	09/11/1986	REG	ND 1	6	ND 1	ND 1	NT	ND 1	ND 1	ND 1	NT	ND 1	NT	30	ND 2
S049B1	12/11/1986	REG	1	42	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	45	ND 1
S049B1	03/17/1987	REG	1.2	11	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	NT	NT	ND 0.5	NT	65	ND 0.5
S049B1	09/25/1987	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	15	ND 2.5
S049B1	02/09/1988	REG	ND 1	6	ND 1	ND 1	NT	ND 1	ND 1	ND 1	NT	ND 1	NT	45	ND 1
S049B1	07/25/1988	REG	ND 1	2	ND 1	ND 1	NT	ND 1	ND 1	ND 1	NT	ND 1	NT	52	ND 1
S049B1	02/07/1989	REG	ND 1	ND 1	ND 1	ND 1	NT	ND 1	ND 1	ND 1	NT	ND 1	NT	38	ND 1
S049B1	07/31/1989	REG	ND 1	5	ND 1	ND 1	NT	ND 1	ND 1	ND 1	NT	ND 1	NT	73	ND 1
S049B1	01/23/1990	REG	ND 1	8.8	ND 1	ND 1	NT	ND 1	ND 1	ND 1	NT	ND 1	NT	46	ND 1
S049B1	07/10/1990	REG	ND 1.3	ND 1.3	ND 1.3	ND 1.3	NT	ND 1.3	ND 1.3	ND 1.3	NT	ND 1.3	NT	38	ND 1.3
S049B1	01/08/1991	REG	ND 1.25	3.3	ND 1.25	ND 1.25	NT	ND 1.25	ND 1.25	ND 1.25	NT	ND 1.25	NT	48	ND 1.25
S049B1	07/10/1991	REG	ND 0.5	3.2	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	62	ND 0.5
S049B1	01/07/1992	REG	ND 0.5	3.2	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	53	ND 0.5
S049B1	07/08/1992	REG	ND 1.3	3.7	ND 1.3	ND 1.3	NT	ND 1.3	ND 1.3	ND 1.3	NT	1.3	NT	50	ND 1.3
S049B1	01/06/1993	REG	ND 0.5	1.9	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	56	ND 0.5
S049B1	07/13/1993	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	48	ND 5
S049B1	01/17/1994	REG	ND 0.5	3.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	52	ND 0.5
S049B1	01/05/1995	REG	ND 0.5	ND 1	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	3.1	NT	ND 0.5	NT	1	ND 1
S049B1	01/04/1996	REG	ND 2.5	3.4	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	56	ND 2.5
S049B1	02/04/1997	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	5.2	ND 0.5
S049B1	10/21/1997	REG	1	11	ND 0.5	ND 2	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	36	ND 0.5
S049B1	06/26/1998	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	38	ND 2.5
S049B1	06/16/1999	REG	ND 1	2	ND 1	ND 1	NT	ND 1	ND 1	ND 1	NT	ND 1	NT	36	ND 1

Notes:
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S049B1	11/12/1999	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 1	ND 0.5	ND 0.5	1.2	ND 5	ND 0.5	ND 0.5	0.6	ND 0.5
S049B1	04/14/2000	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	6.4	ND 5	ND 0.5	ND 0.5	18	ND 0.5
S049B1	10/23/2000	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	27	ND 0.5
S049B1	04/19/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	36	ND 0.5
S049B1	10/20/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	29	ND 0.5
S049B1	10/21/2002	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	37	ND 0.5
S049B1	10/22/2003	REG	0.7	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	30	ND 0.5
S049B1	10/07/2004	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	32	ND 0.5
S049B1	11/04/2005	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	2.6	ND 5	ND 0.5	ND 0.5	29	ND 0.5
S049B1	11/07/2006	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	2.3	ND 0.5	ND 5	ND 0.5	ND 0.5	17	ND 0.5
S049B1	07/23/2007	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	10	ND 0.5
S049B1	10/22/2008	REG	ND 0.5	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 0.5	ND 0.5	26	ND 0.5
S049B1	10/28/2009	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	2.5	ND 0.5	ND 20	ND 0.5	ND 0.5	3.5	ND 0.5
S049B1	10/26/2010	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	20	ND 0.5
S049B1	12/01/2011	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	2.4	ND 0.5	ND 20	ND 0.5	ND 0.5	3.5	ND 0.5
S049B1	11/06/2012	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	2.6	ND 0.5	ND 20	ND 0.5	ND 0.5	3.2	ND 0.5
S049B1	11/15/2013	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	7	ND 0.5	ND 20	ND 0.5	ND 0.5	1.3	ND 0.5
S049B1	11/12/2014	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	5.2	ND 0.5	ND 20	ND 0.5	ND 0.5	2	ND 0.5
S049B1	11/30/2015	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	2	ND 0.5	ND 20	ND 0.5	ND 0.5	5.8	ND 0.5
S049B1	11/17/2016	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	21	ND 0.5
S049B1	10/25/2017	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	19	ND 0.5
S049B1	11/15/2018	REG	ND 0.5	ND 0.5	ND 0.5	0.62	ND 0.5	ND 0.5	ND 0.5	0.52	2.3 B	ND 0.5	ND 0.5	19	ND 0.5
S065A	04/19/1983	REG	ND 1	NT	NT	NT	NT	NT	NT	NT	NT	2	NT	8	NT
S065A	09/20/1983	REG	0.2	NT	NT	NT	NT	NT	NT	NT	NT	0.9	NT	150	NT
S065A	03/10/1985	REG	0.2	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	7.1	NT
S065A	06/21/1985	REG	3.5	NT	NT	NT	NT	NT	NT	NT	NT	1.3	NT	29	NT

Notes:
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S065A	10/15/1985	REG	43	NT	NT	NT	NT	NT	NT	NT	NT	0.65	NT	4.3	NT
S065A	12/12/1985	REG	27	NT	NT	NT	NT	NT	NT	NT	NT	2.4	NT	90	NT
S065A	03/13/1986	REG	27	230	18	17	NT	ND 5	ND 5	17	NT	8.7	NT	420	ND 10
S065A	05/28/1986	REG	ND 25	640	27	25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	1200	ND 50
S065A	10/01/1986	FD	26	NT	NT	NT	NT	NT	NT	NT	NT	0.15	NT	2200	NT
S065A	10/01/1986	REG	ND 50	980	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	2300	ND 100
S065A	12/24/1986	REG	ND 50	650	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	2100	ND 100
S065A	03/12/1987	REG	ND 25	420	ND 25	ND 25	NT	ND 25	ND 25	NT	NT	ND 25	NT	1800	ND 25
S065A	06/22/1987	REG	ND 50	320	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1300	ND 50
S065A	09/28/1987	REG	ND 25	570	140	ND 25	NT	ND 25	ND 25	40	NT	ND 25	NT	3100	ND 25
S065A	12/03/1987	REG	ND 50	230	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	2400	ND 50
S065A	02/12/1988	REG	ND 50	430	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	2000	ND 50
S065A	05/02/1988	FD	ND 0.5	73	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	350	ND 0.5
S065A	05/02/1988	REG	ND 10	73	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	360	ND 10
S065A	08/01/1988	REG	ND 10	17	ND 10	ND 10	NT	ND 10	ND 10	11	NT	ND 10	NT	280	ND 10
S065A	10/26/1988	REG	ND 1	ND 1	1	ND 1	NT	ND 1	ND 1	2	NT	ND 1	NT	33	ND 1
S065A	02/24/1989	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	3	NT	ND 2.5	NT	81	ND 2.5
S065A	04/19/1989	REG	ND 2.5	6	4	ND 2.5	NT	ND 2.5	ND 2.5	3	NT	ND 2.5	NT	77	ND 2.5
S065A	08/11/1989	REG	ND 5	23	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	170	ND 5
S065A	10/18/1989	REG	ND 2.5	20	3	4	NT	ND 2.5	ND 2.5	3	NT	ND 2.5	NT	110	ND 2.5
S065A	01/24/1990	REG	ND 2.5	6	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	55	ND 2.5
S065A	04/10/1990	REG	ND 2.5	5	3.5	ND 2.5	NT	ND 2.5	ND 2.5	4.2	NT	ND 2.5	NT	70	ND 2.5
S065A	07/11/1990	REG	ND 2.5	43	3	18	NT	ND 2.5	ND 2.5	4.8	NT	ND 2.5	NT	150	ND 2.5
S065A	10/09/1990	REG	5.1	210	7.1	17	NT	ND 2.5	ND 2.5	35	NT	ND 2.5	NT	1500	ND 2.5
S065A	01/09/1991	REG	4.9	200	14	24	NT	ND 2.5	ND 2.5	41	NT	2.7	NT	1300	ND 2.5
S065A	04/09/1991	REG	ND 0.5	160	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	21	NT	ND 0.5	NT	990	ND 0.5

Notes:
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J – Reported value is estimated
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S065A	07/10/1991	REG	ND 10	110	ND 10	ND 10	NT	ND 10	ND 10	16	NT	ND 10	NT	1400	ND 10
S065A	10/10/1991	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	410	ND 10
S065A	01/07/1992	REG	ND 10	100	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	1600	ND 10
S065A	04/09/1992	REG	ND 10	18	ND 10	ND 10	NT	ND 10	ND 10	11	NT	ND 10	NT	240	ND 10
S065A	07/09/1992	REG	ND 1.3	4.1	2.1	ND 1.3	NT	ND 1.3	ND 1.3	4.5	NT	ND 1.3	NT	140	ND 1.3
S065A	10/08/1992	REG	ND 2.5	31	4.6	2.5	NT	ND 2.5	ND 2.5	4.7	NT	ND 2.5	NT	230	ND 2.5
S065A	01/06/1993	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	130	ND 5
S065A	04/13/1993	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	140	ND 5
S065A	07/13/1993	REG	ND 5	12	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	120	ND 5
S065A	10/11/1993	REG	ND 5	15	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	120	ND 5
S065A	01/20/1994	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	73	ND 5
S065A	04/19/1994	REG	ND 5	13	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	79	ND 5
S065A	07/19/1994	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	72	ND 5
S065A	10/04/1994	REG	ND 5	17	10	11	NT	ND 5	ND 5	14	NT	ND 5	NT	65	ND 5
S065A	01/06/1995	REG	ND 5	ND 10	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	49	ND 10
S065A	04/19/1995	REG	ND 2.5	ND 5	4.8	ND 2.5	NT	ND 2.5	ND 2.5	3.9	NT	20	NT	230	ND 5
S065A	07/12/1995	REG	ND 0.5	ND 1	1.3	ND 0.5	NT	ND 0.5	ND 0.5	3	NT	ND 0.5	NT	45	ND 1
S065A	10/24/1995	REG	ND 2.5	ND 2.5	5	ND 2.5	NT	ND 2.5	ND 2.5	9.8	NT	ND 2.5	NT	150	ND 2.5
S065A	01/05/1996	REG	ND 0.5	4	4	3	NT	ND 0.5	ND 0.5	8	NT	2	NT	51	ND 0.5
S065A	04/03/1996	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	5	NT	9	NT	94	ND 2.5
S065A	07/12/1996	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	3.8	NT	3.3	NT	75	ND 2.5
S065A	10/08/1996	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	5.6	NT	9	NT	130	ND 2.5
S065A	01/30/1997	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	3.6	NT	5.3	NT	88	ND 2.5
S065A	07/23/1997	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	NT	13	NT	150	ND 2.5
S065A	10/21/1997	REG	ND 1	ND 2	2.1	ND 2	NT	ND 0.5	ND 0.5	3.8	NT	3	NT	71	ND 0.5
S065A	06/25/1998	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	11	NT	220	ND 5

Notes:
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S065A	12/16/1998	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	20	NT	ND 5	NT	240	ND 5
S065A	06/11/1999	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	42	NT	29	NT	390	ND 5
S065A	10/29/1999	REG	ND 0.5	ND 0.5	1.5	0.6	ND 1	ND 0.5	ND 0.5	140	ND 5	6.6	ND 0.5	120	ND 0.5
S065A	04/15/2000	REG	ND 0.5	ND 5	1.4	1	ND 0.5	ND 0.5	ND 0.5	96	ND 5	9.9	ND 0.5	130	ND 0.5
S065A	10/28/2000	REG	ND 0.5	ND 5	1.5	0.9	ND 0.5	ND 0.5	ND 0.5	140	ND 5	4.8	ND 0.5	93	ND 0.5
S065A	04/25/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.5	38	ND 5	13	1.9	190	ND 0.5
S065A	10/25/2001	REG	ND 36	2500	ND 36	ND 36	ND 36	ND 36	ND 36	42	ND 360	ND 36	ND 36	11000	ND 36
S065B1	04/19/1983	REG	2	NT	NT	NT	NT	NT	NT	NT	NT	3	NT	6600	NT
S065B1	09/20/1983	REG	3	NT	NT	NT	NT	NT	NT	NT	NT	1.6	NT	4300	NT
S065B1	03/10/1985	REG	48	NT	NT	NT	NT	NT	NT	NT	NT	0.37	NT	1600	NT
S065B1	06/21/1985	REG	2.9	NT	NT	NT	NT	NT	NT	NT	NT	2.9	NT	6700	NT
S065B1	10/15/1985	REG	3.8	NT	NT	NT	NT	NT	NT	NT	NT	3.6	NT	4700	NT
S065B1	12/31/1985	REG	3.6	NT	NT	NT	NT	NT	NT	NT	NT	2	NT	4700	NT
S065B1	03/13/1986	REG	ND 50	470	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	2500	ND 100
S065B1	06/04/1986	REG	ND 100	1100	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	4100	ND 200
S065B1	09/17/1986	FD	4.8	NT	NT	NT	NT	NT	NT	NT	NT	3.5	NT	4100	NT
S065B1	09/17/1986	REG	ND 100	1800	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	5100	ND 200
S065B1	12/24/1986	REG	ND 100	1100	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	4900	ND 200
S065B1	03/09/1987	REG	ND 250	10000	ND 250	ND 250	NT	ND 250	ND 250	NT	NT	ND 250	NT	72000	ND 250
S065B1	06/18/1987	REG	ND 5000	59000	ND 5000	ND 5000	NT	ND 5000	ND 5000	ND 5000	NT	ND 5000	NT	390000	ND 5000
S065B1	10/01/1987	REG	ND 5000	ND 5000	ND 5000	ND 5000	NT	ND 5000	ND 5000	ND 5000	NT	ND 5000	NT	120000	ND 5000
S065B1	12/04/1987	REG	ND 25000	ND 25000	ND 25000	ND 25000	NT	ND 25000	ND 25000	ND 25000	NT	ND 25000	NT	460000	ND 25000
S065B1	02/16/1988	REG	ND 2500	46000	ND 2500	ND 2500	NT	ND 2500	ND 2500	ND 2500	NT	ND 2500	NT	200000	ND 2500
S065B1	04/29/1988	REG	ND 5000	72000	ND 5000	ND 5000	NT	ND 5000	ND 5000	ND 5000	NT	ND 5000	NT	290000	ND 5000
S065B1	07/26/1988	REG	ND 5000	78000	ND 5000	ND 5000	NT	ND 5000	ND 5000	ND 5000	NT	ND 5000	NT	230000	ND 5000
S065B1	10/31/1988	REG	ND 5000	26000	ND 5000	ND 5000	NT	ND 5000	ND 5000	ND 5000	NT	ND 5000	NT	130000	ND 5000

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S065B1	02/24/1989	REG	ND 1250	30000	ND 1250	ND 1250	NT	ND 1250	ND 1250	ND 1250	NT	ND 1250	NT	89000	ND 1250
S065B1	04/19/1989	REG	ND 2500	25000	ND 2500	ND 2500	NT	ND 2500	ND 2500	ND 2500	NT	ND 2500	NT	68000	ND 2500
S065B1	08/11/1989	FD	ND 2.5	6	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	95	ND 2.5
S065B1	08/11/1989	REG	ND 2.5	4	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	68	ND 2.5
S065B1	10/18/1989	REG	ND 2500	26000	ND 2500	ND 2500	NT	ND 2500	ND 2500	ND 2500	NT	ND 2500	NT	55000	ND 2500
S065B1	02/02/1990	REG	ND 2500	7600	ND 2500	ND 2500	NT	ND 2500	ND 2500	ND 2500	NT	ND 2500	NT	27000	ND 2500
S065B1	04/13/1990	REG	ND 1300	18000	ND 1300	ND 1300	NT	ND 1300	ND 1300	ND 1300	NT	ND 1300	NT	41000	ND 1300
S065B1	07/13/1990	REG	ND 1250	9900	ND 1250	ND 1250	NT	ND 1250	ND 1250	ND 1250	NT	ND 1250	NT	30000	ND 1250
S065B1	10/12/1990	REG	ND 500	4400	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	20000	ND 500
S065B1	01/09/1991	REG	ND 500	5800	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	19000	ND 500
S065B1	04/10/1991	REG	ND 250	5000	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	15000	ND 250
S065B1	07/12/1991	REG	ND 250	2200	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	13000	ND 250
S065B1	10/10/1991	REG	ND 250	1600	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	13000	ND 250
S065B1	01/10/1992	REG	ND 250	930	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	11000	ND 250
S065B1	04/09/1992	REG	ND 250	2200	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	10000	ND 250
S065B1	07/10/1992	REG	ND 250	2500	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	16000	ND 250
S065B1	10/09/1992	REG	ND 250	7300	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	29000	ND 250
S065B1	01/08/1993	REG	ND 1000	14000	ND 1000	ND 1000	NT	ND 1000	ND 1000	ND 1000	NT	ND 1000	NT	88000	ND 1000
S065B1	04/15/1993	REG	ND 500	3900	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	29000	ND 500
S065B1	07/13/1993	REG	ND 500	3300	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	18000	ND 500
S065B1	10/13/1993	REG	ND 2500	200000	ND 2500	ND 2500	NT	ND 2500	ND 2500	ND 2500	NT	ND 2500	NT	320000	ND 2500
S065B1	01/20/1994	REG	ND 500	2400	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	13000	ND 500
S065B1	04/20/1994	REG	ND 250	4500	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	16000	ND 250
S065B1	07/25/1994	REG	ND 500	4700	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	14000	ND 500
S065B1	10/05/1994	REG	ND 250	2700	ND 250	340	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	12000	ND 250
S065B1	01/13/1995	REG	ND 250	2900	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	11000	ND 500

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S065B1	04/21/1995	REG	ND 250	2200	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	9500	ND 500
S065B1	07/14/1995	REG	ND 250	1900	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	7200	ND 500
S065B1	10/30/1995	REG	ND 250	1600	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	8300	ND 250
S065B1	01/16/1996	REG	ND 500	2600	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	9200	ND 500
S065B1	04/03/1996	REG	ND 250	1200	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	6000	ND 250
S065B1	07/16/1996	REG	ND 200	710	ND 200	ND 200	NT	ND 200	ND 200	ND 200	NT	ND 200	NT	3700	ND 200
S065B1	10/10/1996	REG	ND 200	770	ND 200	ND 200	NT	ND 200	ND 200	ND 200	NT	ND 200	NT	3900	ND 200
S065B1	02/07/1997	REG	ND 250	7800	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	27000	ND 250
S065B1	04/08/1997	REG	ND 500	6200	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	26000	ND 500
S065B1	07/24/1997	REG	ND 250	560	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	13000	ND 250
S065B1	10/24/1997	REG	ND 100	5000	ND 50	ND 200	NT	ND 50	ND 50	51	NT	ND 50	NT	19000	ND 50
S065B1	06/25/1998	REG	ND 50	220	ND 50	ND 50	NT	ND 50	ND 50	50	NT	ND 50	NT	2100	ND 50
S065B1	12/16/1998	REG	ND 500	3100	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	14000	ND 500
S065B1	06/16/1999	REG	ND 50	120	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	840	ND 50
S065B1	11/01/1999	REG	ND 25	1800	ND 25	ND 25	ND 50	ND 25	ND 25	ND 25	ND 250	ND 25	ND 25	9000	ND 25
S065B1	04/17/2000	REG	ND 130	8300	ND 130	ND 130	ND 130	ND 130	ND 130	ND 130	ND 1300	ND 130	ND 130	37000	ND 130
S065B1	11/02/2000	FD	ND 170	11000	ND 170	ND 170	ND 170	ND 170	ND 170	ND 170	ND 1700	ND 170	ND 170	47000	ND 170
S065B1	11/02/2000	REG	ND 170	12000	ND 170	ND 170	ND 170	ND 170	ND 170	ND 170	ND 1700	ND 170	ND 170	43000	ND 170
S065B1	04/30/2001	FD	ND 200	12000	ND 200	ND 200	ND 200	ND 200	ND 200	ND 200	ND 2000	ND 200	ND 200	42000	ND 200
S065B1	04/30/2001	REG	ND 170	12000	ND 170	ND 170	ND 170	ND 170	ND 170	ND 170	ND 1700	ND 170	ND 170	41000	ND 170
S065B1	10/29/2001	FD	ND 71	5100	ND 71	ND 71	ND 71	ND 71	ND 71	ND 71	ND 710	ND 71	ND 71	24000	ND 71
S065B1	10/29/2001	REG	ND 100	5800	ND 100	ND 100	ND 100	ND 100	ND 100	ND 100	ND 1000	ND 100	ND 100	26000	ND 100
S065B1	10/25/2002	FD	ND 310	17000	ND 310	ND 310	ND 310	ND 310	ND 310	ND 310	ND 3100	ND 310	ND 310	52000	ND 310
S065B1	10/25/2002	REG	ND 250	17000	ND 250	ND 250	ND 250	ND 250	ND 250	ND 250	ND 2500	ND 250	ND 250	55000	ND 250
S065B1	10/28/2003	FD	ND 100	6800	ND 100	ND 100	ND 100	ND 100	ND 100	ND 100	ND 1000	ND 100	ND 100	26000	ND 100
S065B1	10/28/2003	REG	100	6800	ND 83	ND 83	ND 83	ND 83	ND 83	ND 83	ND 830	ND 83	ND 83	27000	ND 83

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S065B1	10/15/2004	REG	ND 130	6300	ND 130	ND 130	ND 130	ND 130	ND 130	ND 130	ND 1300	ND 130	ND 130	20000	ND 130
S065B1	11/09/2005	REG	ND 130	6600	ND 130	ND 130	ND 130	ND 130	ND 130	ND 130	ND 1300	ND 130	ND 130	17000	ND 130
S065B1	12/05/2006	REG	ND 83	3100	ND 83	ND 83	ND 83	ND 83	ND 83	ND 83	ND 830	ND 83	ND 83	9300	ND 83
S065B1	07/31/2007	REG	ND 71	2600	ND 71	ND 71	ND 71	ND 71	ND 71	ND 71	ND 710	ND 71	ND 71	7800	ND 71
S065B1	10/30/2008	REG	ND 42	3200	ND 42	ND 42	ND 42	ND 42	ND 42	49	ND 420	ND 42	ND 42	6100	ND 42
S065B1	11/02/2009	REG	ND 2.5	77	ND 2.5	ND 2.5	ND 2.5	ND 2.5	ND 2.5	4.7	ND 100	ND 2.5	ND 2.5	360	ND 2.5
S065B1	10/28/2010	REG	ND 2.5	370	ND 2.5	ND 2.5	ND 2.5	ND 2.5	ND 2.5	41	ND 100	3	ND 2.5	900	ND 2.5
S065B1	12/05/2011	REG	ND 1.3	16	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	4.6	ND 50	ND 1.3	ND 1.3	180	ND 1.3
S065B1	11/09/2012	REG	ND 0.5	4.8	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	2.1	ND 20	0.7	ND 0.5	81	ND 0.5
S065B1	11/18/2013	REG	ND 0.5	6.6	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.6	ND 20	0.5	ND 0.5	92	ND 0.5
S065B1	11/13/2014	REG	ND 1.0	7.9	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	2.5	ND 40	ND 1.0	ND 1.0	130	ND 1.0
S065B1	11/30/2015	REG	ND 1.0	120	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	12	ND 40	1.5	ND 1.0	490	ND 1.0
S065B1	11/20/2016	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	7.2	ND 20	ND 0.5	ND 0.5	37	ND 0.5
S065B1	10/26/2017	REG	ND 0.5	9.1	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	3.6	ND 20	ND 0.5	ND 0.5	80	ND 0.5
S065B1	11/16/2018	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	4.3	2.6 B	ND 0.5	ND 0.5	97	ND 0.5
S068A	04/13/1983	REG	370	NT	NT	NT	NT	NT	NT	NT	NT	40	NT	12000	NT
S068A	04/21/1983	REG	400	1400	120	130	NT	NT	ND 5	270	NT	49	NT	14000	NT
S068A	08/11/1983	REG	180	NT	NT	NT	NT	NT	NT	NT	NT	27	NT	8700	NT
S068A	09/14/1983	REG	250	NT	NT	NT	NT	NT	NT	NT	NT	33	NT	1200	NT
S068A	03/16/1984	REG	150	NT	NT	NT	NT	NT	NT	NT	NT	23	NT	6100	NT
S068A	06/27/1984	REG	370	NT	NT	NT	NT	NT	NT	NT	NT	25	NT	23000	NT
S068A	10/02/1984	REG	350	NT	NT	NT	NT	NT	NT	NT	NT	57	NT	28000	NT
S068A	12/06/1984	REG	160	NT	NT	NT	NT	NT	NT	NT	NT	42	NT	19000	NT
S068A	03/05/1985	REG	140	NT	NT	NT	NT	NT	NT	NT	NT	35	NT	8200	NT
S068A	06/20/1985	REG	20	NT	NT	NT	NT	NT	NT	NT	NT	7	NT	1800	NT
S068A	10/18/1985	FD	73	NT	NT	NT	NT	NT	NT	NT	NT	29	NT	7500	NT

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S068A	10/18/1985	REG	ND 50	96	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	2800	ND 100
S068A	10/23/1985	REG	100	NT	ND 50	270	NT	ND 50	ND 50	110	NT	ND 50	NT	7100	ND 100
S068A	12/13/1985	REG	60	NT	NT	NT	NT	NT	NT	NT	NT	18	NT	4900	NT
S068A	12/18/1985	REG	60	NT	NT	NT	NT	NT	NT	NT	NT	ND 50	NT	2600	NT
S068A	03/11/1986	REG	52	320	ND 50	ND 50	NT	ND 50	ND 50	78	NT	ND 50	NT	4600	ND 100
S068A	06/02/1986	REG	ND 100	260	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	4200	ND 200
S068A	09/16/1986	FD	43	NT	NT	NT	NT	NT	NT	NT	NT	14	NT	4600	NT
S068A	09/16/1986	REG	ND 100	150	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	5000	ND 200
S068A	12/09/1986	REG	ND 100	660	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	4600	ND 200
S068A	03/12/1987	REG	59	360	ND 25	ND 25	NT	ND 25	ND 25	NT	NT	ND 25	NT	5400	ND 25
S068A	06/22/1987	REG	ND 250	640	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	11000	ND 250
S068A	09/29/1987	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	35	NT	ND 25	NT	1200	ND 25
S068A	11/30/1987	REG	ND 100	ND 100	210	400	NT	ND 100	ND 100	200	NT	ND 100	NT	8500	ND 100
S068A	02/11/1988	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	7600	ND 250
S068A	04/29/1988	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	6600	ND 250
S068A	08/01/1988	REG	ND 100	170	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	5800	ND 100
S068A	10/25/1988	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	5100	ND 100
S068A	02/21/1989	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	5400	ND 100
S068A	04/21/1989	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	3500	ND 100
S068A	08/14/1989	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	54	NT	ND 25	NT	900	ND 25
S068A	10/16/1989	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	2600	ND 100
S068A	01/31/1990	REG	ND 100	440	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	5200	ND 100
S068A	04/13/1990	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	4000	ND 100
S068A	07/12/1990	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	4200	ND 100
S068A	01/10/1991	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	4400	ND 100
S068A	04/11/1991	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	4700	ND 50

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S068A	07/11/1991	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	2500	ND 50
S068A	10/10/1991	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	5000	ND 50
S068A	01/09/1992	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	61	NT	ND 50	NT	3900	ND 50
S068A	04/10/1992	REG	ND 50	ND 50	63	ND 50	NT	ND 50	ND 50	110	NT	ND 50	NT	5200	ND 50
S068A	07/10/1992	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	4300	ND 250
S068A	10/09/1992	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	4100	ND 100
S068A	01/11/1993	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	56	NT	ND 50	NT	4600	ND 50
S068A	04/14/1993	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	4000	ND 50
S068A	07/15/1993	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	3600	ND 50
S068A	10/13/1993	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	3800	ND 100
S068A	01/25/1994	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	3400	ND 100
S068A	07/20/1994	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	5300	ND 50
S068A	01/16/1995	REG	ND 100	ND 200	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	2800	ND 200
S068A	07/18/1995	REG	ND 100	ND 200	ND 100	ND 100	NT	ND 100	130	ND 100	NT	ND 100	NT	3700	ND 200
S068A	10/30/1995	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	1400	ND 100
S068A	01/17/1996	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	2400	ND 100
S068A	07/16/1996	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	2300	ND 100
S068A	02/06/1997	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	1400	ND 100
S068A	04/08/1997	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	1100	NT	ND 100	NT	4100	ND 100
S068A	07/28/1997	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1300	ND 50
S068A	10/27/1997	REG	ND 10	ND 20	19	ND 20	NT	ND 5	ND 5	37	NT	ND 5	NT	1700	ND 5
S068A	06/22/1998	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	1900	ND 250
S068A	12/17/1998	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	2200	ND 100
S068A	06/28/1999	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	2100	ND 100
S068A	11/15/1999	REG	ND 5	5	16	ND 5	ND 10	ND 5	ND 5	58	ND 50	8	ND 5	2600	ND 5
S068A	04/20/2000	REG	ND 4.2	ND 42	11	ND 4.2	ND 4.2	ND 4.2	ND 4.2	24	ND 42	4.4	ND 4.2	1000	ND 4.2

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S068A	11/02/2000	REG	ND 4.2	ND 42	6.6	ND 4.2	ND 4.2	ND 4.2	ND 4.2	21	ND 42	ND 4.2	ND 4.2	1000	ND 4.2
S068A	04/23/2001	REG	ND 4.2	ND 42	7.4	ND 4.2	ND 4.2	ND 4.2	ND 4.2	23	ND 42	4.7	ND 4.2	1100	ND 4.2
S068A	10/29/2001	FD	ND 1	ND 10	1.7	ND 1	ND 1	ND 1	1.1	180	ND 10	1.4	ND 1	350	ND 1
S068A	10/29/2001	REG	ND 1.3	ND 13	1.8	ND 1.3	ND 1.3	ND 1.3	ND 1.3	180	ND 13	1.6	ND 1.3	340	ND 1.3
S068A	10/23/2002	REG	ND 4.2	ND 42	ND 4.2	ND 4.2	ND 4.2	ND 4.2	ND 4.2	29	ND 42	ND 4.2	ND 4.2	950	ND 4.2
S068A	10/17/2003	REG	ND 3.1	ND 31	ND 3.1	ND 3.1	ND 3.1	ND 3.1	ND 3.1	52	ND 31	3.4	ND 3.1	1000	ND 3.1
S068A	10/11/2004	REG	ND 3.6	ND 36	ND 3.6	ND 3.6	ND 3.6	ND 3.6	ND 3.6	34	ND 36	ND 3.6	ND 3.6	490	ND 3.6
S068A	11/07/2005	REG	ND 2.5	ND 25	ND 2.5	ND 2.5	ND 2.5	ND 2.5	ND 2.5	26	ND 25	ND 2.5	ND 2.5	340	ND 2.5
S068A	11/07/2006	REG	ND 3.1	ND 31	ND 3.1	ND 3.1	ND 3.1	ND 3.1	ND 3.1	53	ND 31	ND 3.1	ND 3.1	570	ND 3.1
S068A	07/17/2007	REG	ND 3.1	ND 31	ND 3.1	ND 3.1	ND 3.1	ND 3.1	ND 3.1	43	ND 31	ND 3.1	ND 3.1	430	ND 3.1
S068A	10/20/2008	REG	ND 2.5	56	3.1	ND 2.5	ND 2.5	ND 2.5	ND 2.5	420	ND 25	3.5	6.6	590	ND 2.5
S068A	10/21/2009	REG	ND 4.2	28	ND 4.2	ND 4.2	ND 4.2	ND 4.2	ND 4.2	280	ND 170	ND 4.2	ND 4.2	630	ND 4.2
S068A	10/20/2010	REG	ND 4.2	21	ND 4.2	ND 4.2	ND 4.2	ND 4.2	ND 4.2	210	ND 170	ND 4.2	4.4	470	ND 4.2
S068A	11/17/2011	REG	ND 6.3	40	ND 6.3	ND 6.3	ND 6.3	ND 6.3	ND 6.3	350	ND 250	ND 6.3	14	660	ND 6.3
S068A	11/08/2012	REG	ND 5.0	110	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	530	ND 200	ND 5.0	7.8	990	ND 5.0
S068A	11/14/2013	REG	ND 3.1	27	ND 3.1	ND 3.1	ND 3.1	ND 3.1	ND 3.1	250	ND 130	3.3	ND 3.1	550	ND 3.1
S068A	11/14/2014	REG	ND 3.1	ND 13	ND 3.1	ND 3.1	ND 3.1	ND 3.1	ND 3.1	120	ND 130	ND 3.1	3.2	370	ND 3.1
S068A	11/22/2015	REG	ND 2.5	ND 10	ND 2.5	ND 2.5	ND 2.5	ND 2.5	ND 2.5	110	ND 100	ND 2.5	ND 2.5	280	ND 2.5
S068B1	04/12/1983	REG	9	NT	NT	NT	NT	NT	NT	NT	NT	ND 1	NT	30	NT
S068B1	04/20/1983	REG	ND 10	57	ND 10	ND 10	NT	NT	ND 10	ND 10	NT	ND 10	NT	720	NT
S068B1	08/10/1983	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	0.9	NT
S068B1	09/21/1983	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	1.7	NT
S068B1	06/25/1984	REG	0.16	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	1.3	NT
S068B1	11/29/1984	REG	ND 0.2	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.2	NT	0.38	NT
S068B1	03/05/1985	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	0.23	NT
S068B1	06/18/1985	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	0.28	NT

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S068B1	10/18/1985	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 1
S068B1	12/31/1985	REG	ND 0.5	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.5	NT	5.2	NT
S068B1	03/10/1986	REG	ND 0.5	4.1	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 1
S068B1	07/09/1986	REG	ND 0.5	16	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	2.1	NT	ND 0.5	NT	ND 0.5	ND 1
S068B1	09/10/1986	FD	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	1	NT
S068B1	09/10/1986	REG	ND 0.5	5.9	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	0.5	ND 1
S068B1	12/10/1986	REG	ND 0.5	23	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 1
S068B1	03/13/1987	REG	11	41	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	NT	NT	ND 0.5	NT	ND 0.5	ND 0.5
S068B1	02/05/1988	REG	7	80	4	ND 1	NT	ND 1	ND 1	2	NT	ND 1	NT	19	ND 1
S068B1	02/17/1989	REG	ND 0.5	4.5	6.1	1.3	NT	ND 0.5	ND 0.5	2	NT	ND 0.5	NT	37	ND 0.5
S068B1	01/24/1990	REG	ND 1	9.5	26	9.6	NT	ND 1	1.3	17	NT	ND 1	NT	280	ND 1
S068B1	01/09/1991	REG	ND 5	17	43	31	NT	ND 5	ND 5	49	NT	ND 5	NT	1500	ND 5
S068B1	01/09/1992	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	50	NT	ND 50	NT	2000	ND 50
S068B1	01/10/1993	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1600	ND 50
S068B1	07/16/1993	REG	ND 25	ND 25	35	ND 25	NT	ND 25	ND 25	35	NT	ND 25	NT	2100	ND 25
S068B1	01/25/1994	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	55	NT	ND 50	NT	2600	ND 50
S068B1	07/20/1994	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1700	ND 50
S068B1	01/16/1995	REG	ND 25	ND 50	31	ND 25	NT	ND 25	ND 25	46	NT	ND 25	NT	1900	ND 50
S068B1	07/18/1995	REG	ND 25	ND 50	36	ND 25	NT	ND 25	ND 25	85	NT	ND 25	NT	2300	ND 50
S068B1	10/30/1995	REG	ND 50	ND 50	50	ND 50	NT	ND 50	ND 50	110	NT	ND 50	NT	2300	ND 50
S068B1	01/17/1996	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	96	NT	ND 50	NT	2700	ND 50
S068B1	07/22/1996	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	110	NT	ND 50	NT	2700	ND 50
S068B1	02/06/1997	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	2400	ND 100
S068B1	07/28/1997	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	2000	ND 100
S068B1	10/27/1997	REG	ND 20	ND 40	37	ND 40	NT	ND 10	ND 10	160	NT	ND 10	NT	2000	ND 10
S068B1	06/22/1998	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	1300	NT	ND 50	NT	1500	ND 50

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S068B1	12/17/1998	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	2000	NT	ND 50	NT	1000	ND 50
S068B1	06/28/1999	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	1700	NT	ND 50	NT	310	ND 50
S068B1	11/15/1999	REG	ND 5	ND 5	41	19	ND 10	ND 5	ND 5	3200	ND 50	ND 5	29	480	ND 5
S068B1	04/20/2000	REG	ND 13	ND 130	35	21	ND 13	ND 13	ND 13	2600	ND 130	ND 13	22	250	ND 13
S068B1	11/02/2000	REG	ND 10	ND 100	40	25	ND 10	ND 10	ND 10	3500	ND 100	ND 10	16	190	ND 10
S068B1	04/30/2001	REG	ND 13	ND 130	27	17	ND 13	ND 13	ND 13	2700	ND 130	ND 13	17	74	ND 13
S068B1	10/29/2001	REG	ND 13	ND 130	26	16	ND 13	ND 13	ND 13	2800	ND 130	ND 13	15	29	ND 13
S068B1	10/24/2002	REG	ND 10	ND 100	24	13	ND 10	ND 10	ND 10	3000	ND 100	ND 10	19	27	ND 10
S068B1	10/28/2003	REG	ND 8.3	ND 83	ND 8.3	15	ND 8.3	ND 8.3	ND 8.3	2900	ND 83	ND 8.3	15	26	ND 8.3
S068B1	10/12/2004	REG	ND 17	ND 170	25	ND 17	ND 17	ND 17	ND 17	2500	ND 170	ND 17	70	20	ND 17
S068B1	11/08/2005	REG	ND 13	ND 130	15	ND 13	ND 13	ND 13	ND 13	1900	ND 130	ND 13	ND 13	20	ND 13
S068B1	12/04/2006	REG	ND 25	ND 250	ND 25	ND 25	ND 25	ND 25	ND 25	2800	ND 250	ND 25	ND 25	ND 25	ND 25
S068B1	07/30/2007	REG	ND 8.3	ND 83	17	ND 8.3	ND 8.3	ND 8.3	ND 8.3	2100	ND 83	ND 8.3	18	16	ND 8.3
S068B1	10/28/2008	REG	ND 10	ND 100	16	ND 10	ND 10	ND 10	ND 10	1400	ND 100	ND 10	160	19	ND 10
S068B1	10/31/2009	REG	ND 10	ND 40	17	ND 10	ND 10	ND 10	ND 10	1900	ND 400	ND 10	ND 10	20	ND 10
S068B1	10/29/2010	REG	ND 10	ND 40	16	11	ND 10	ND 10	ND 10	1700	ND 400	ND 10	11	16	ND 10
S068B1	12/05/2011	REG	ND 2.0	ND 8.0	2.6	ND 2.0	ND 2.0	ND 2.0	ND 2.0	370	ND 80	ND 2.0	ND 2.0	3.1	4.8
S068B1	11/09/2012	REG	ND 2.0	ND 8.0	2.9	2.1	ND 2.0	ND 2.0	ND 2.0	330	ND 80	ND 2.0	ND 2.0	6.8	4.8
S068B1	11/20/2013	REG	ND 2.0	ND 8.0	4.9	3.6	ND 2.0	ND 2.0	ND 2.0	580	ND 80	ND 2.0	2.7	13	ND 2.0
S068B1	11/14/2014	REG	ND 3.1	ND 13	5	ND 3.1	ND 3.1	ND 3.1	ND 3.1	640	ND 130	ND 3.1	ND 3.1	15	ND 3.1
S068B1	11/22/2015	REG	ND 5.0	ND 20	6.5	ND 5.0	ND 5.0	ND 5.0	ND 5.0	710	ND 200	ND 5.0	7.1	23	ND 5.0
S069A	04/14/1983	REG	ND 1	NT	NT	NT	NT	NT	NT	NT	NT	ND 1	NT	2	NT
S069A	04/20/1983	REG	ND 1	4	ND 1	ND 1	NT	NT	ND 1	ND 1	NT	ND 1	NT	7	NT
S069A	09/21/1983	REG	0.6	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	1.1	NT
S069A	03/05/1985	REG	0.61	NT	NT	NT	NT	NT	NT	NT	NT	0.1	NT	1.2	NT
S069A	06/18/1985	REG	0.43	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	0.63	NT

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S069A	10/04/1985	REG	0.59	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	0.46	NT
S069A	12/13/1985	REG	0.8	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.5	NT	2.2	NT
S069A	03/10/1986	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	3.2	ND 1
S069A	05/27/1986	REG	0.8	3.6	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	7.6	ND 1
S069A	09/10/1986	FD	0.42	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	1.1	NT
S069A	09/10/1986	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 1
S069A	12/05/1986	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 1
S069A	03/10/1987	REG	ND 0.5	1.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	NT	NT	ND 0.5	NT	1.8	ND 0.5
S069A	02/02/1988	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S069A	02/17/1989	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S069A	01/24/1990	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S069A	01/08/1991	REG	ND 0.5	2.1	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S069A	01/07/1992	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S069A	01/15/1996	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S069A	10/24/1997	REG	ND 1	ND 2	ND 0.5	ND 2	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S069B1	04/14/1983	REG	ND 1	NT	NT	NT	NT	NT	NT	NT	NT	ND 1	NT	280	NT
S069B1	04/21/1983	REG	ND 1	ND 1	ND 1	ND 1	NT	NT	ND 1	ND 1	NT	ND 1	NT	12	NT
S069B1	12/06/1984	REG	0.17	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.2	NT	240	NT
S069B1	03/13/1986	REG	ND 10	20	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	400	ND 20
S069B1	07/09/1986	REG	ND 5	20	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	330	ND 10
S069B1	10/01/1986	FD	0.15	NT	NT	NT	NT	NT	NT	NT	NT	ND 0.1	NT	270	NT
S069B1	10/01/1986	REG	ND 5	25	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	320	ND 10
S069B1	12/10/1986	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	430	ND 20
S069B1	03/10/1987	REG	ND 2.5	24	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	NT	NT	ND 2.5	NT	630	ND 2.5
S069B1	06/17/1987	REG	ND 10	18	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	600	ND 10
S069B1	09/28/1987	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	840	ND 10

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S069B1	12/01/1987	REG	ND 10	ND 10	ND 10	24	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	920	ND 10
S069B1	02/10/1988	REG	ND 10	16	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	560	ND 10
S069B1	04/29/1988	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	290	ND 10
S069B1	08/01/1988	REG	ND 10	17	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	450	ND 10
S069B1	10/25/1988	REG	ND 10	13	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	650	ND 10
S069B1	02/17/1989	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	600	ND 5
S069B1	04/20/1989	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	680	ND 10
S069B1	08/14/1989	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	500	ND 10
S069B1	10/16/1989	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	670	ND 25
S069B1	01/26/1990	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	820	ND 25
S069B1	04/11/1990	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	570	ND 25
S069B1	07/11/1990	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	600	ND 25
S069B1	10/09/1990	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	670	ND 25
S069B1	01/09/1991	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	550	ND 10
S069B1	04/10/1991	REG	ND 10	15	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	690	ND 10
S069B1	07/10/1991	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	660	ND 10
S069B1	10/09/1991	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	600	ND 10
S069B1	01/08/1992	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	150	NT	ND 10	NT	570	ND 10
S069B1	04/08/1992	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	140	ND 2.5
S069B1	07/07/1992	REG	ND 2.5	5.9	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	3.7	NT	ND 2.5	NT	610	ND 2.5
S069B1	01/08/1993	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	560	ND 10
S069B1	07/14/1993	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	500	ND 10
S069B1	01/21/1994	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	610	ND 10
S069B1	01/06/1995	REG	ND 10	ND 20	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	330	ND 20
S069B1	01/17/1996	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	65	ND 10
S069B1	02/05/1997	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	370	ND 10

Notes:
B – Analyte was present in an associated method blank
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ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S069B1	10/24/1997	REG	ND 10	ND 20	ND 5	ND 20	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	440	ND 5
S069B1	06/22/1998	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	64	ND 10
S069B1	05/28/1999	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	11	NT	ND 0.5	NT	13	ND 0.5
S069B1	10/29/1999	REG	ND 0.5	4.6	ND 0.5	ND 0.5	ND 1	ND 0.5	ND 0.5	4.2	ND 5	ND 0.5	ND 0.5	420	ND 0.5
S069B1	04/15/2000	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	12	ND 5	ND 0.5	ND 0.5	150	ND 0.5
S069B1	11/02/2000	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	0.8	ND 0.5	22	ND 5	ND 0.5	ND 0.5	140	ND 0.5
S069B1	04/23/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	46	ND 5	ND 0.5	3.8	94	ND 0.5
S069B1	10/20/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	20	ND 5	ND 0.5	ND 0.5	92	ND 0.5
S069B1	10/22/2002	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	5.6	ND 5	ND 0.5	ND 0.5	4.2	ND 0.5
S069B1	10/21/2003	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	2	ND 5	ND 0.5	ND 0.5	6.7	ND 0.5
S069B1	10/07/2004	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.1	ND 5	ND 0.5	ND 0.5	6.5	ND 0.5
S069B1	11/03/2005	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	8.8	ND 0.5
S069B1	11/06/2006	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	2	ND 0.5
S069B1	07/23/2007	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	2	ND 0.5
S069B1	10/22/2008	REG	ND 1.0	ND 10	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	6.8	ND 10	ND 1.0	ND 1.0	160	ND 1.0
S069B1	10/29/2009	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.6	ND 20	ND 0.5	ND 0.5	5.8	ND 0.5
S069B1	10/26/2010	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.3	ND 20	ND 0.5	ND 0.5	41	ND 0.5
S069B1	12/02/2011	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	0.8	ND 0.5
S070A	04/18/1983	REG	750	NT	NT	NT	NT	NT	NT	NT	NT	130	NT	32000	NT
S070A	08/19/1983	REG	3500	NT	NT	NT	NT	NT	NT	NT	NT	82	NT	33000	NT
S070A	09/20/1983	REG	2800	NT	NT	NT	NT	NT	NT	NT	NT	98	NT	56000	NT
S070A	10/20/1983	REG	3500	NT	NT	NT	NT	NT	NT	NT	NT	91	NT	52000	NT
S070A	11/30/1983	REG	3200	NT	NT	NT	NT	NT	NT	NT	NT	90	NT	54000	NT
S070A	10/14/1984	REG	100	NT	NT	NT	NT	NT	NT	NT	NT	120	NT	87000	NT
S070A	03/06/1985	REG	90	NT	NT	NT	NT	NT	NT	NT	NT	210	NT	110000	NT
S070A	03/13/1986	REG	ND 200	2200	900	240	NT	ND 200	ND 200	6100	NT	ND 200	NT	36000	ND 400

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S070A	05/30/1986	REG	ND 1000	3400	ND 1000	ND 1000	NT	ND 1000	ND 1000	4900	NT	ND 1000	NT	33000	ND 2000
S070A	10/02/1986	FD	ND 1000	2200	2600	ND 1000	NT	ND 1000	ND 1000	25000	NT	ND 1000	NT	130000	ND 2000
S070A	10/02/1986	REG	15	NT	NT	NT	NT	NT	NT	NT	NT	200	NT	130000	NT
S070A	12/24/1986	REG	ND 2000	3700	2000	ND 2000	NT	ND 2000	ND 2000	20000	NT	ND 2000	NT	90000	ND 4000
S070A	03/13/1987	REG	ND 500	1100	ND 500	ND 500	NT	ND 500	ND 500	NT	NT	ND 500	NT	28000	ND 500
S070A	06/23/1987	REG	ND 10	21	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	450	ND 10
S070A	09/30/1987	REG	ND 500	ND 500	4400	2900	NT	ND 500	ND 500	19000	NT	ND 500	NT	70000	ND 500
S070A	12/04/1987	REG	ND 2500	13000	ND 2500	ND 2500	NT	ND 2500	ND 2500	ND 2500	NT	ND 2500	NT	94000	ND 2500
S070A	02/12/1988	REG	ND 500	2100	600	ND 500	NT	ND 500	ND 500	2500	NT	ND 500	NT	26000	ND 500
S070A	04/27/1988	REG	ND 500	ND 500	590	ND 500	NT	ND 500	ND 500	4100	NT	ND 500	NT	19000	ND 500
S070A	07/30/1988	REG	ND 1000	1300	ND 1000	ND 1000	NT	ND 1000	ND 1000	3500	NT	ND 1000	NT	22000	ND 1000
S070A	10/24/1988	REG	ND 1000	ND 1000	ND 1000	ND 1000	NT	ND 1000	ND 1000	3200	NT	ND 1000	NT	33000	ND 1000
S070A	02/15/1989	REG	ND 100	260	ND 100	ND 100	NT	ND 100	ND 100	650	NT	ND 100	NT	8700	ND 100
S070A	04/17/1989	REG	ND 250	300	ND 250	ND 250	NT	ND 250	ND 250	760	NT	ND 250	NT	8300	ND 250
S070A	08/08/1989	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	2600	NT	ND 500	NT	33000	ND 500
S070A	10/13/1989	FD	ND 2500	ND 2500	ND 2500	ND 2500	NT	ND 2500	ND 2500	10000	NT	ND 2500	NT	88000	ND 2500
S070A	10/13/1989	REG	ND 2500	ND 2500	ND 2500	ND 2500	NT	ND 2500	ND 2500	12000	NT	ND 2500	NT	92000	ND 2500
S070A	02/02/1990	REG	ND 500	2800	ND 500	ND 500	NT	ND 500	ND 500	1500	NT	ND 500	NT	16000	ND 500
S070A	04/13/1990	REG	ND 620	ND 620	ND 620	ND 620	NT	ND 620	ND 620	ND 620	NT	ND 620	NT	10000	ND 620
S070A	07/13/1990	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	20000	ND 500
S070A	10/11/1990	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	1100	NT	ND 500	NT	11000	ND 500
S070A	01/10/1991	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	1900	NT	ND 250	NT	18000	ND 250
S070A	04/11/1991	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	5000	ND 250
S070A	07/12/1991	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	530	NT	ND 250	NT	8400	ND 250
S070A	10/11/1991	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	890	NT	ND 250	NT	19000	ND 250
S070A	01/10/1992	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	1100	NT	ND 250	NT	19000	ND 250

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S070A	04/10/1992	REG	ND 50	68	ND 50	ND 50	NT	ND 50	ND 50	310	NT	ND 50	NT	4800	ND 50
S070A	07/09/1992	REG	ND 50	73	60	ND 50	NT	ND 50	ND 50	650	NT	ND 50	NT	8100	ND 50
S070A	10/09/1992	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	8000	ND 250
S070A	01/08/1993	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	550	NT	ND 100	NT	8500	ND 100
S070A	04/14/1993	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1600	ND 50
S070A	07/14/1993	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	170	NT	ND 50	NT	3700	ND 50
S070A	10/13/1993	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	220	NT	ND 100	NT	6500	ND 100
S070A	01/20/1994	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	300	NT	ND 100	NT	5500	ND 100
S070A	04/20/1994	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	100	NT	ND 100	NT	7100	ND 100
S070A	07/22/1994	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	210	NT	ND 100	NT	3800	ND 100
S070A	10/05/1994	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	390	NT	ND 250	NT	8900	ND 250
S070A	01/13/1995	REG	ND 100	ND 200	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	6700	ND 200
S070A	04/20/1995	REG	ND 10	ND 20	13	ND 10	NT	ND 10	ND 10	18	NT	ND 10	NT	580	ND 20
S070A	07/13/1995	REG	ND 10	ND 20	ND 10	ND 10	NT	ND 10	ND 10	47	NT	ND 10	NT	850	ND 20
S070A	10/25/1995	REG	ND 20	ND 20	ND 20	ND 20	NT	ND 20	ND 20	84	NT	ND 20	NT	1700	ND 20
S070A	01/11/1996	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	40	NT	ND 25	NT	940	ND 25
S070A	04/02/1996	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	36	NT	ND 25	NT	630	ND 25
S070A	07/11/1996	REG	ND 20	ND 20	ND 20	ND 20	NT	ND 20	ND 20	33	NT	ND 20	NT	730	ND 20
S070A	10/08/1996	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	120	NT	ND 50	NT	1900	ND 50
S070A	02/04/1997	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	430	ND 25
S070A	07/24/1997	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	1000	ND 25
S070A	10/23/1997	REG	5	7	7	ND 2	NT	ND 0.5	ND 0.5	66	NT	11	NT	1400	ND 0.5
S070A	06/29/1998	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	1200	ND 25
S070A	12/21/1998	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	720	ND 50
S070A	06/16/1999	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	940	ND 50
S070A	11/13/1999	REG	22	15	6	ND 5	ND 10	ND 5	ND 5	28	ND 50	12	ND 5	1500	ND 5

Notes:
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S070A	04/20/2000	REG	33	ND 50	10	5.3	ND 5	ND 5	ND 5	34	ND 50	9.4	ND 5	1200	ND 5
S070A	10/30/2000	REG	27	ND 50	7.5	ND 5	ND 5	ND 5	ND 5	38	ND 50	11	ND 5	1500	ND 5
S070A	04/30/2001	REG	39	ND 83	ND 8.3	ND 8.3	ND 8.3	ND 8.3	ND 8.3	59	ND 83	15	ND 8.3	2700	ND 8.3
S070A	10/29/2001	REG	11	ND 36	ND 3.6	ND 3.6	ND 3.6	ND 3.6	19	10	ND 36	9.5	ND 3.6	1100	ND 3.6
S079A	05/26/1983	FD	6	1200	ND 1	5	NT	NT	ND 1	55	NT	5	NT	4400	NT
S079A	05/26/1983	REG	8	NT	NT	NT	NT	NT	NT	NT	NT	4	NT	5000	NT
S079A	06/01/1983	REG	ND 1	NT	NT	NT	NT	NT	NT	NT	NT	ND 1	NT	1800	NT
S079A	09/21/1983	REG	2.9	NT	NT	NT	NT	NT	NT	NT	NT	2.3	NT	6800	NT
S079A	12/11/1984	REG	3.7	NT	NT	NT	NT	NT	NT	NT	NT	4	NT	5900	NT
S079A	09/26/1986	REG	1.1	NT	NT	NT	NT	NT	NT	NT	NT	1.3	NT	1700	NT
S079A	03/12/1987	REG	ND 25	130	ND 25	ND 25	NT	ND 25	ND 25	NT	NT	ND 25	NT	880	ND 25
S079A	06/22/1987	REG	ND 25	240	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	1600	ND 25
S079A	09/29/1987	REG	ND 25	ND 25	ND 25	180	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	800	ND 25
S079A	12/01/1987	REG	ND 25	100	ND 25	ND 25	NT	ND 25	ND 25	53	NT	ND 25	NT	840	ND 25
S079A	02/10/1988	REG	ND 25	110	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	490	ND 25
S079A	04/26/1988	REG	ND 10	69	ND 10	ND 10	NT	ND 10	ND 10	35	NT	ND 10	NT	440	ND 10
S079A	07/28/1988	REG	ND 10	70	ND 10	ND 10	NT	ND 10	ND 10	38	NT	ND 10	NT	460	ND 10
S079A	10/22/1988	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	700	ND 25
S079A	02/10/1989	REG	ND 10	18	ND 10	ND 10	NT	ND 10	ND 10	30	NT	ND 10	NT	580	ND 10
S079A	04/12/1989	REG	ND 10	17	ND 10	ND 10	NT	ND 10	ND 10	18	NT	ND 10	NT	430	ND 10
S079A	08/03/1989	REG	ND 10	19	ND 10	ND 10	NT	ND 10	ND 10	28	NT	ND 10	NT	580	ND 10
S079A	10/10/1989	REG	ND 10	14	ND 10	ND 10	NT	ND 10	ND 10	37	NT	ND 10	NT	610	ND 10
S079A	01/25/1990	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	68	NT	ND 5	NT	790	ND 5
S079A	04/11/1990	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	76	NT	ND 25	NT	870	ND 25
S079A	07/12/1990	REG	ND 25	27	ND 25	ND 25	NT	ND 25	ND 25	43	NT	ND 25	NT	670	ND 25
S079A	10/11/1990	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	36	NT	ND 25	NT	740	ND 25

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S079A	01/10/1991	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	39	NT	ND 25	NT	710	ND 25
S079A	04/11/1991	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	24	NT	ND 10	NT	540	ND 10
S079A	07/11/1991	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	35	NT	ND 10	NT	640	ND 10
S079A	10/10/1991	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	34	NT	ND 10	NT	580	ND 10
S079A	01/08/1992	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	57	NT	ND 10	NT	920	ND 10
S079A	04/10/1992	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	68	NT	ND 10	NT	460	ND 10
S079A	07/10/1992	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	81	NT	ND 10	NT	610	ND 10
S079A	01/11/1993	REG	ND 10	ND 10	ND 10	11	NT	ND 10	ND 10	79	NT	ND 10	NT	640	ND 10
S079A	07/14/1993	REG	ND 10	13	ND 10	ND 10	NT	ND 10	ND 10	41	NT	ND 10	NT	620	ND 10
S079A	01/19/1994	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	37	NT	ND 10	NT	530	ND 10
S079A	07/21/1994	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	15	NT	ND 10	NT	200	ND 10
S079A	01/06/1995	REG	ND 5	17	ND 5	ND 5	NT	ND 5	ND 5	42	NT	ND 5	NT	520	ND 10
S079A	07/12/1995	REG	ND 5	ND 10	ND 5	ND 5	NT	ND 5	ND 5	34	NT	ND 5	NT	320	ND 10
S079A	10/24/1995	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	42	NT	ND 10	NT	390	ND 10
S079A	01/04/1996	REG	ND 10	11	ND 10	ND 10	NT	ND 10	ND 10	44	NT	ND 10	NT	440	ND 10
S079A	07/11/1996	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	28	NT	ND 10	NT	350	ND 10
S079A	02/04/1997	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	260	ND 10
S079A	07/23/1997	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	290	ND 10
S079A	10/22/1997	REG	ND 5	ND 10	ND 2.5	ND 10	NT	ND 2.5	ND 2.5	14	NT	ND 2.5	NT	290	ND 2.5
S079A	06/29/1998	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	280	ND 10
S079A	12/18/1998	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	170	ND 10
S079A	06/16/1999	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	230	ND 5
S079A	11/05/1999	REG	ND 0.5	5.4	ND 0.5	ND 0.5	ND 1	ND 0.5	1	17	ND 5	1.5	ND 0.5	280	ND 0.5
S079A	04/05/2000	REG	ND 0.7	ND 7.1	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	11	ND 7.1	1	ND 0.7	180	ND 0.7
S079A	10/25/2000	REG	ND 1	ND 10	ND 1	ND 1	ND 1	ND 1	ND 1	9.1	ND 10	ND 1	ND 1	200	ND 1
S079A	04/20/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	8.7	ND 5	0.7	ND 0.5	170	ND 0.5

Notes:
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S079A	10/24/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.8	5.3	ND 5	0.7	ND 0.5	160	ND 0.5
S079A	10/22/2002	REG	ND 1	ND 10	ND 1	ND 1	ND 1	ND 1	ND 1	15	ND 10	ND 1	ND 1	240	ND 1
S079A	10/17/2003	REG	ND 0.7	ND 7.1	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	7.7	ND 7.1	ND 0.7	ND 0.7	160	ND 0.7
S079A	10/11/2004	REG	ND 1.7	ND 17	ND 1.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	17	ND 17	ND 1.7	ND 1.7	190	ND 1.7
S079A	11/04/2005	REG	ND 2	ND 20	ND 2	ND 2	ND 2	ND 2	ND 2	33	ND 20	ND 2	ND 2	200	ND 2
S079A	11/20/2006	REG	ND 1	ND 10	ND 1	ND 1	ND 1	ND 1	ND 1	25	ND 10	ND 1	ND 1	120	ND 1
S079A	07/10/2007	REG	ND 1	ND 10	ND 1	ND 1	ND 1	ND 1	ND 1	42	ND 10	ND 1	ND 1	140	ND 1
S079A	10/16/2008	REG	ND 0.5	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	46	ND 5.0	1.1	0.7	140	ND 0.5
S079A	10/20/2009	REG	ND 0.7	ND 2.9	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	6.7	ND 29	ND 0.7	ND 0.7	93	ND 0.7
S079A	10/16/2010	REG	ND 0.7	ND 2.9	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	12	ND 29	ND 0.7	ND 0.7	94	ND 0.7
S079A	11/14/2011	REG	ND 0.5	ND 3.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.9	4.1	ND 20	ND 0.5	ND 0.5	74	ND 0.5
S079A	10/31/2012	REG	ND 0.5	2.2	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.9	2.4	ND 20	ND 0.5	ND 0.5	77	ND 0.5
S079A	11/13/2013	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.1	1.3	ND 20	ND 0.5	ND 0.5	67	ND 0.5
S079A	11/07/2014	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.8	1.3	ND 20	ND 0.5	ND 0.5	57	ND 0.5
S079A	11/24/2015	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.6	22	ND 20	ND 0.5	ND 0.5	68	ND 0.5
S079A	11/11/2016	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	3.1	ND 20	ND 0.5	ND 0.5	51	ND 0.5
S079A	10/19/2017	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	8.3	ND 20	ND 0.5	ND 0.5	59	ND 0.5
S079A	11/16/2018	REG	ND 0.5	1.1	0.150 J	ND 0.5	ND 0.5	ND 0.5	ND 0.5	10	0.78 B	ND 0.5	0.18 J	47	ND 0.5
S080A	05/26/1983	FD	72	6300	1100	450	NT	NT	ND 10	1500	NT	23	NT	77000	NT
S080A	05/26/1983	REG	53	NT	NT	NT	NT	NT	NT	NT	NT	20	NT	59000	NT
S080A	06/01/1983	REG	39	NT	NT	NT	NT	NT	NT	NT	NT	21	NT	49000	NT
S080A	09/21/1983	REG	15	NT	NT	NT	NT	NT	NT	NT	NT	7	NT	39000	NT
S080A	03/16/1984	REG	7	NT	NT	NT	NT	NT	NT	NT	NT	3.4	NT	21000	NT
S080A	04/05/1984	REG	7	NT	NT	NT	NT	NT	NT	NT	NT	3.4	NT	21000	NT
S080A	07/16/1984	REG	20	NT	NT	NT	NT	NT	NT	NT	NT	12	NT	85000	NT
S080A	10/02/1984	REG	12	NT	NT	NT	NT	NT	NT	NT	NT	8.5	NT	72000	NT

Notes:
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S080A	12/11/1984	REG	12	NT	NT	NT	NT	NT	NT	NT	NT	7.9	NT	39000	NT
S080A	06/09/1986	REG	ND 500	640	ND 500	ND 500	NT	ND 500	ND 500	590	NT	ND 500	NT	22000	ND 1000
S080A	10/01/1986	REG	4.5	NT	NT	NT	NT	NT	NT	NT	NT	6	NT	21000	NT
S080A	12/09/1986	REG	ND 250	430	290	ND 250	NT	ND 250	ND 250	500	NT	ND 250	NT	22000	ND 500
S080A	03/12/1987	REG	ND 250	280	ND 250	ND 250	NT	ND 250	ND 250	NT	NT	ND 250	NT	21000	ND 250
S080A	06/23/1987	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	34000	ND 500
S080A	10/01/1987	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	14000	ND 500
S080A	12/03/1987	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	26000	ND 500
S080A	02/12/1988	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	730	NT	ND 500	NT	21000	ND 500
S080A	04/27/1988	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	900	NT	ND 500	NT	19000	ND 500
S080A	07/30/1988	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	670	NT	ND 500	NT	16000	ND 500
S080A	10/24/1988	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	900	NT	ND 500	NT	22000	ND 500
S080A	02/14/1989	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	620	NT	ND 250	NT	16000	ND 250
S080A	04/17/1989	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	13000	ND 500
S080A	08/08/1989	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	16000	ND 500
S080A	10/12/1989	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	500	NT	ND 250	NT	19000	ND 250
S080A	02/02/1990	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	11000	ND 500
S080A	04/13/1990	REG	ND 1300	ND 1300	ND 1300	ND 1300	NT	ND 1300	ND 1300	ND 1300	NT	ND 1300	NT	16000	ND 1300
S080A	07/13/1990	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	13000	ND 500
S080A	10/11/1990	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	10000	ND 500
S080A	01/10/1991	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	600	NT	ND 250	NT	14000	ND 250
S080A	04/11/1991	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	450	NT	ND 250	NT	15000	ND 250
S080A	07/11/1991	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	420	NT	ND 250	NT	14000	ND 250
S080A	10/10/1991	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	15000	ND 250
S080A	01/09/1992	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	15000	ND 250
S080A	04/11/1992	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	340	NT	ND 250	NT	12000	ND 250

Notes:
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S080A	07/10/1992	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	380	NT	ND 250	NT	11000	ND 250
S080A	01/11/1993	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	13000	ND 250
S080A	07/15/1993	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	11000	ND 250
S080A	01/20/1994	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	8800	ND 250
S080A	07/22/1994	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	4600	ND 100
S080A	01/14/1995	REG	ND 100	ND 200	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	3100	ND 200
S080A	07/13/1995	REG	ND 50	ND 100	ND 50	ND 50	NT	ND 50	ND 50	80	NT	ND 50	NT	3200	ND 100
S080A	11/01/1995	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	180	NT	ND 100	NT	5100	ND 100
S080A	01/12/1996	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	190	NT	ND 100	NT	4100	ND 100
S080A	07/12/1996	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	150	NT	ND 100	NT	3900	ND 100
S080A	02/04/1997	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	120	NT	ND 100	NT	3600	ND 100
S080A	07/24/1997	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	4900	ND 100
S080A	10/23/1997	REG	ND 50	ND 100	ND 25	ND 100	NT	ND 25	ND 25	200	NT	ND 25	NT	5200	ND 25
S080A	06/29/1998	REG	ND 10	33	ND 10	13	NT	ND 10	ND 10	280	NT	ND 10	NT	4800	ND 10
S080A	12/21/1998	FD	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	250	NT	ND 100	NT	5700	ND 100
S080A	12/21/1998	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	5400	ND 500
S080A	06/04/1999	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	5600	ND 250
S080A	11/08/1999	FD	ND 2.5	33	11	11	ND 5	ND 2.5	ND 2.5	130	ND 25	4.7	3.7	4700	ND 2.5
S080A	11/08/1999	REG	ND 10	19	ND 10	ND 10	ND 20	ND 10	ND 10	240	ND 100	ND 10	ND 10	4300	ND 10
S080A	04/05/2000	REG	ND 17	ND 170	ND 17	ND 17	ND 17	ND 17	ND 17	220	ND 170	ND 17	ND 17	4300	ND 17
S080A	10/26/2000	REG	ND 13	ND 130	ND 13	ND 13	ND 13	ND 13	ND 13	170	ND 130	ND 13	ND 13	3500	ND 13
S080A	04/18/2001	REG	ND 13	ND 130	ND 13	ND 13	ND 13	ND 13	ND 13	190	ND 130	ND 13	ND 13	3500	ND 13
S080A	10/26/2001	REG	ND 13	ND 130	ND 13	ND 13	ND 13	ND 13	ND 13	220	ND 130	ND 13	ND 13	3300	ND 13
S080A	10/24/2002	REG	ND 20	ND 200	ND 20	ND 20	ND 20	ND 20	ND 20	300	ND 200	ND 20	ND 20	4100	ND 20
S080A	10/20/2003	REG	ND 13	ND 130	ND 13	ND 13	ND 13	ND 13	ND 13	1500	ND 130	ND 13	ND 13	3500	ND 13
S080A	10/11/2004	FD	ND 6.3	ND 63	ND 6.3	6.3	ND 6.3	ND 6.3	ND 6.3	2500	ND 63	ND 6.3	48	2700	ND 6.3

Notes:
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APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S080A	10/11/2004	REG	ND 20	ND 200	ND 20	ND 20	ND 20	ND 20	ND 20	2500	ND 200	ND 20	ND 20	3000	ND 20
S080A	11/04/2005	FD	ND 17	ND 170	ND 17	ND 17	ND 17	ND 17	ND 17	2900	ND 170	ND 17	26	2300	ND 17
S080A	11/04/2005	REG	ND 17	ND 170	ND 17	ND 17	ND 17	ND 17	ND 17	2800	ND 170	ND 17	23	2100	ND 17
S080A	11/20/2006	FD	ND 8.3	ND 83	ND 8.3	9.7	ND 8.3	ND 8.3	ND 8.3	2600	ND 83	ND 8.3	26	1600	ND 8.3
S080A	11/20/2006	REG	ND 20	ND 200	ND 20	ND 20	ND 20	ND 20	ND 20	2800	ND 200	ND 20	21	1700	ND 20
S080A	07/12/2007	FD	ND 20	ND 200	ND 20	ND 20	ND 20	ND 20	ND 20	2800	ND 200	ND 20	44	1500	ND 20
S080A	07/12/2007	REG	ND 13	ND 130	ND 13	ND 13	ND 13	ND 13	ND 13	2300	ND 130	ND 13	33	1500	ND 13
S080A	10/17/2008	FD	ND 10	ND 100	ND 10	ND 10	ND 10	ND 10	ND 10	2600	ND 100	ND 10	58	1200	ND 10
S080A	10/17/2008	REG	ND 13	ND 130	ND 13	ND 13	ND 13	ND 13	ND 13	2400	ND 130	ND 13	78	1300	ND 13
S080A	10/21/2009	FD	ND 13	ND 50	ND 13	ND 13	ND 13	ND 13	ND 13	2300	ND 500	ND 13	53	1000	ND 13
S080A	10/21/2009	REG	ND 13	ND 50	ND 13	ND 13	ND 13	ND 13	ND 13	2400	ND 500	ND 13	50	1100	ND 13
S080A	10/16/2010	FD	ND 17	ND 67	ND 17	ND 17	ND 17	ND 17	ND 17	2200	ND 670	ND 17	32	800	ND 17
S080A	10/16/2010	REG	ND 13	ND 50	ND 13	ND 13	ND 13	ND 13	ND 13	2500	ND 500	ND 13	26	840	ND 13
S080A	11/14/2011	FD	ND 0.5	4.4	2.2	7.1	ND 0.5	ND 0.5	ND 0.5	1600	ND 20	1.1	18	610	0.7
S080A	11/14/2011	REG	ND 17	ND 100	ND 17	ND 17	ND 17	ND 17	ND 17	1800	ND 670	ND 17	21	620	ND 17
S080A	10/31/2012	FD	ND 5.0	ND 20	ND 5.0	7.3	ND 5.0	ND 5.0	ND 5.0	1500	ND 200	ND 5.0	19	600	ND 5.0
S080A	10/31/2012	REG	ND 17	ND 67	ND 17	ND 17	ND 17	ND 17	ND 17	1500	ND 670	ND 17	ND 17	530	ND 17
S080A	11/13/2013	FD	ND 5.0	ND 20	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	1800	ND 200	ND 5.0	31	470	ND 5.0
S080A	11/13/2013	REG	ND 13	ND 50	ND 13	ND 13	ND 13	ND 13	ND 13	1500	ND 500	ND 13	21	480	ND 13
S080A	11/07/2014	FD	ND 10	ND 40	ND 10	ND 10	ND 10	ND 10	ND 10	1300	ND 400	ND 10	18	390	ND 10
S080A	11/07/2014	REG	ND 10	ND 40	ND 10	ND 10	ND 10	ND 10	ND 10	1400	ND 400	ND 10	18	390	ND 10
S080A	11/24/2015	REG	ND 10	ND 40	ND 10	ND 10	ND 10	ND 10	ND 10	1400	ND 400	ND 10	16	390	ND 10
S080A	11/11/2016	REG	ND 10	ND 40	ND 10	ND 10	ND 10	ND 10	ND 10	1300	ND 400	ND 10	13	350	ND 10
S080A	10/19/2017	FD	ND 8.3	ND 33	ND 8.3	ND 8.3	ND 8.3	ND 8.3	ND 8.3	1300	ND 330	ND 8.3	23	360	ND 8.3
S080A	10/19/2017	FD	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S080A	10/19/2017	REG	ND 10	ND 40	ND 10	ND 10	ND 10	ND 10	ND 10	1400	ND 400	ND 10	18	370	ND 10

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S080A	11/15/2018	REG	ND 5	ND 5	ND 5	3.2 J	ND 5	ND 5	ND 5	1300	26 B	ND 5	11	290	ND 5
S080B1	06/09/1986	REG	16	1100	ND 2	3	NT	ND 2	3	7	NT	26	NT	1900	ND 7
S080B1	10/01/1986	REG	10	NT	NT	NT	NT	NT	NT	NT	NT	23	NT	6000	NT
S080B1	03/17/1987	REG	ND 25	2300	ND 25	ND 25	NT	ND 25	ND 25	NT	NT	ND 25	NT	5100	ND 25
S080B1	06/22/1987	REG	ND 250	2800	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	16000	ND 250
S080B1	09/28/1987	REG	ND 250	2600	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	13000	ND 250
S080B1	12/04/1987	REG	ND 250	940	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	14000	ND 250
S080B1	02/16/1988	REG	ND 250	1800	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	8200	ND 250
S080B1	04/27/1988	REG	340	1600	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	8800	ND 250
S080B1	07/29/1988	REG	1100	6600	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	25000	ND 500
S080B1	10/24/1988	REG	ND 500	2000	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	9900	ND 500
S080B1	02/15/1989	REG	420	1700	ND 125	ND 125	NT	ND 125	ND 125	ND 125	NT	ND 125	NT	8800	ND 125
S080B1	04/17/1989	REG	ND 250	2300	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	7200	ND 250
S080B1	08/08/1989	REG	630	3600	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	17000	ND 250
S080B1	10/12/1989	REG	2000	3600	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	19000	ND 250
S080B1	02/02/1990	REG	ND 250	2000	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	5100	ND 250
S080B1	04/13/1990	REG	ND 250	1300	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	7500	ND 250
S080B1	07/13/1990	REG	ND 250	1400	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	8700	ND 250
S080B1	10/12/1990	REG	ND 250	1000	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	7700	ND 250
S080B1	01/10/1991	REG	ND 250	1700	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	8200	ND 250
S080B1	04/11/1991	REG	ND 250	1700	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	9000	ND 250
S080B1	07/12/1991	REG	300	1500	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	10000	ND 250
S080B1	10/10/1991	REG	ND 250	990	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	9300	ND 250
S080B1	01/10/1992	REG	ND 250	1600	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	7200	ND 250
S080B1	04/11/1992	REG	ND 250	1700	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	8400	ND 250
S080B1	07/10/1992	REG	ND 250	1500	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	9000	ND 250

Notes:
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APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S080B1	10/09/1992	REG	280	1800	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	8200	ND 100
S080B1	01/11/1993	REG	ND 250	1600	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	9100	ND 250
S080B1	04/15/1993	REG	290	2100	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	10000	ND 250
S080B1	07/15/1993	REG	1000	3200	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	14000	ND 250
S080B1	10/13/1993	REG	ND 1000	ND 1000	ND 1000	ND 1000	NT	ND 1000	ND 1000	ND 1000	NT	ND 1000	NT	9400	ND 1000
S080B1	01/20/1994	REG	380	1800	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	8600	ND 100
S080B1	04/20/1994	REG	ND 500	1700	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	9600	ND 500
S080B1	07/22/1994	REG	ND 250	2000	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	7900	ND 250
S080B1	10/05/1994	REG	ND 500	1800	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	10000	ND 500
S080B1	04/20/1995	REG	760	2800	290	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	10500	ND 500
S080B1	07/14/1995	REG	ND 250	ND 500	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	550	ND 500
S080B1	10/26/1995	REG	250	1800	ND 200	ND 200	NT	ND 200	ND 200	ND 200	NT	ND 200	NT	9200	ND 200
S080B1	01/12/1996	REG	510	1500	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	7100	ND 100
S080B1	04/03/1996	REG	400	2000	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	5900	ND 100
S080B1	07/12/1996	REG	280	1700	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	6400	ND 50
S080B1	10/09/1996	REG	330	1500	ND 200	ND 200	NT	ND 200	ND 200	ND 200	NT	ND 200	NT	6700	ND 200
S080B1	02/05/1997	REG	640	2000	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	7900	ND 250
S080B1	07/25/1997	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	4700	ND 250
S080B1	10/23/1997	REG	350	1600	ND 25	ND 100	NT	ND 25	ND 25	41	NT	ND 25	NT	5100	ND 25
S080B1	06/29/1998	REG	ND 10	1600	ND 10	ND 10	NT	ND 10	ND 10	35	NT	26	NT	3400	ND 10
S080B1	12/21/1998	FD	ND 250	960	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	4200	ND 250
S080B1	12/21/1998	REG	ND 500	890	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	4200	ND 500
S080B1	06/04/1999	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	3300	ND 250
S080B1	11/15/1999	REG	ND 2.5	77	ND 2.5	ND 2.5	ND 5	ND 2.5	ND 2.5	16	ND 25	2.6	ND 2.5	730	ND 2.5
S080B1	04/20/2000	REG	2.6	92	ND 2.5	2.8	ND 2.5	ND 2.5	ND 2.5	810	ND 25	ND 2.5	2.8	94	ND 2.5
S080B1	10/30/2000	REG	ND 5	ND 50	ND 5	ND 5	ND 5	ND 5	ND 5	1100	ND 50	ND 5	ND 5	44	ND 5

Notes:
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APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S080B1	04/27/2001	REG	ND 5	300	ND 5	ND 5	ND 5	ND 5	ND 5	330	ND 50	9.8	8.9	1600	ND 5
S080B1	10/26/2001	REG	ND 5	280	ND 5	ND 5	ND 5	ND 5	ND 5	70	ND 50	10	7.2	1700	ND 5
S080B1	10/24/2002	REG	ND 10	160	ND 10	ND 10	ND 10	ND 10	ND 10	56	ND 100	ND 10	ND 10	2100	ND 10
S080B1	10/27/2003	REG	11	340	ND 8.3	ND 8.3	ND 8.3	ND 8.3	ND 8.3	44	ND 83	16	ND 8.3	2400	ND 8.3
S080B1	10/12/2004	REG	ND 10	170	ND 10	ND 10	ND 10	ND 10	ND 10	25	ND 100	ND 10	ND 10	1500	ND 10
S080B1	11/08/2005	REG	ND 10	140	ND 10	ND 10	ND 10	ND 10	ND 10	17	ND 100	ND 10	ND 10	1600	ND 10
S080B1	12/04/2006	REG	ND 8.3	180	ND 8.3	ND 8.3	ND 8.3	ND 8.3	ND 8.3	21	ND 83	ND 8.3	ND 8.3	1500	ND 8.3
S080B1	07/26/2007	REG	ND 10	110	ND 10	ND 10	ND 10	ND 10	ND 10	19	ND 100	ND 10	ND 10	1400	ND 10
S080B1	10/28/2008	REG	ND 10	110	ND 10	ND 10	ND 10	ND 10	ND 10	67	ND 100	ND 10	ND 10	1200	ND 10
S080B1	10/30/2009	REG	ND 10	59	ND 10	ND 10	ND 10	ND 10	ND 10	29	ND 400	ND 10	ND 10	1100	ND 10
S080B1	10/29/2010	REG	ND 8.3	89	ND 8.3	ND 8.3	ND 8.3	ND 8.3	ND 8.3	17	ND 330	ND 8.3	ND 8.3	870	ND 8.3
S080B1	12/05/2011	REG	ND 8.3	50	ND 8.3	ND 8.3	ND 8.3	ND 8.3	ND 8.3	14	ND 330	ND 8.3	ND 8.3	770	ND 8.3
S080B1	11/12/2012	REG	ND 6.3	45	ND 6.3	ND 6.3	ND 6.3	ND 6.3	ND 6.3	14	ND 250	ND 6.3	ND 6.3	920	ND 6.3
S080B1	11/19/2013	REG	ND 6.3	32	ND 6.3	ND 6.3	ND 6.3	ND 6.3	ND 6.3	13	ND 250	ND 6.3	ND 6.3	820	ND 6.3
S080B1	11/15/2014	REG	ND 6.3	44	ND 6.3	ND 6.3	ND 6.3	ND 6.3	ND 6.3	10	ND 250	ND 6.3	ND 6.3	800	ND 6.3
S080B1	12/01/2015	REG	ND 5.0	21	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	14	ND 200	ND 5.0	ND 5.0	970	ND 5.0
S080B1	11/20/2016	REG	ND 6.3	ND 25	ND 6.3	ND 6.3	ND 6.3	ND 6.3	ND 6.3	12	ND 250	ND 6.3	ND 6.3	750	ND 6.3
S080B1	11/05/2017	REG	ND 5.0	ND 20	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	7.8	ND 200	ND 5.0	ND 5.0	650	ND 5.0
S080B1	11/15/2018	REG	ND 2.5	11	ND 2.5	ND 2.5	ND 2.5	ND 2.5	1.4 J	9	13 B	1.8 J	ND 2.5	710	ND 2.5
S081A	05/26/1983	FD	10	450	ND 1	1	NT	NT	ND 1	34	NT	8	NT	2300	NT
S081A	05/26/1983	REG	10	NT	NT	NT	NT	NT	NT	NT	NT	13	NT	244	NT
S081A	08/09/1983	REG	7.4	NT	NT	NT	NT	NT	NT	NT	NT	5.8	NT	1000	NT
S081A	09/07/1983	FD	8.6	NT	NT	NT	NT	NT	NT	NT	NT	8.1	NT	1300	NT
S081A	09/07/1983	REG	8.6	NT	NT	NT	NT	NT	NT	NT	NT	7.7	NT	1400	NT
S081A	10/20/1983	FD	6.7	NT	NT	NT	NT	NT	NT	NT	NT	4.9	NT	1100	NT
S081A	10/20/1983	REG	7.7	NT	NT	NT	NT	NT	NT	NT	NT	5.6	NT	1100	NT

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

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HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S081A	11/30/1983	REG	6.2	NT	NT	NT	NT	NT	NT	NT	NT	9	NT	1500	NT
S081A	03/29/1984	REG	2.3	NT	NT	NT	NT	NT	NT	NT	NT	3.7	NT	140	NT
S081A	06/26/1984	REG	5.9	NT	NT	NT	NT	NT	NT	NT	NT	8.2	NT	960	NT
S081A	09/27/1984	REG	6.5	NT	NT	NT	NT	NT	NT	NT	NT	7.7	NT	2200	NT
S081A	12/11/1984	REG	3.9	NT	NT	NT	NT	NT	NT	NT	NT	13	NT	1700	NT
S081A	09/15/1986	REG	3.9	NT	NT	NT	NT	NT	NT	NT	NT	7.8	NT	640	NT
S081A	03/12/1987	REG	ND 5	75	ND 5	ND 5	NT	ND 5	ND 5	NT	NT	16	NT	1400	ND 5
S081A	06/19/1987	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	1500	ND 25
S081A	09/26/1987	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	960	ND 25
S081A	12/01/1987	REG	ND 25	ND 25	ND 25	40	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	860	ND 25
S081A	02/11/1988	REG	ND 25	38	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	630	ND 25
S081A	04/26/1988	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	590	ND 25
S081A	07/28/1988	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	660	ND 25
S081A	10/31/1988	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	600	ND 25
S081A	02/10/1989	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	650	ND 25
S081A	04/12/1989	REG	ND 10	33	ND 10	ND 10	NT	ND 10	ND 10	13	NT	ND 10	NT	410	ND 10
S081A	08/03/1989	REG	ND 10	34	ND 10	ND 10	NT	ND 10	ND 10	13	NT	ND 10	NT	700	ND 10
S081A	10/10/1989	REG	ND 10	15	ND 10	ND 10	NT	ND 10	ND 10	19	NT	ND 10	NT	470	ND 10
S081A	01/24/1990	REG	7.8	ND 5	ND 5	ND 5	NT	ND 5	ND 5	9.6	NT	ND 5	NT	120	ND 5
S081A	04/11/1990	REG	ND 10	14	ND 10	ND 10	NT	ND 10	ND 10	42	NT	ND 10	NT	670	ND 10
S081A	07/11/1990	REG	ND 10	ND 10	ND 10	110	NT	ND 10	ND 10	13	NT	ND 10	NT	430	ND 10
S081A	10/10/1990	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	480	ND 25
S081A	01/09/1991	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	12	NT	ND 10	NT	400	ND 10
S081A	04/10/1991	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	14	NT	ND 2.5	NT	490	ND 2.5
S081A	07/11/1991	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	410	ND 10
S081A	10/10/1991	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	390	ND 10

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S081A	01/08/1992	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	410	ND 10
S081A	04/10/1992	REG	ND 2.5	5.9	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	15	NT	ND 2.5	NT	430	ND 2.5
S081A	07/10/1992	REG	ND 2.5	11	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	16	NT	3.4	NT	470	ND 2.5
S081A	01/11/1993	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	510	ND 10
S081A	07/13/1993	REG	ND 10	11	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	630	ND 10
S081A	01/19/1994	REG	ND 10	12	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	610	ND 10
S081A	07/29/1994	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	170	ND 5
S081A	01/06/1995	REG	ND 5	ND 10	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	240	ND 10
S081A	07/12/1995	REG	ND 5	ND 10	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	210	ND 10
S081A	10/24/1995	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	6	NT	ND 5	NT	220	ND 5
S081A	01/10/1996	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	230	ND 5
S081A	07/10/1996	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	190	ND 5
S081A	02/03/1997	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	140	ND 5
S081A	07/23/1997	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	180	ND 5
S081A	10/22/1997	REG	ND 2	ND 4	ND 1	ND 4	NT	ND 1	ND 1	4	NT	4	NT	350	ND 1
S081A	06/24/1998	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	220	ND 5
S081A	12/21/1998	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	150	ND 10
S081A	06/11/1999	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	250	ND 5
S081A	11/05/1999	REG	ND 0.5	1.4	ND 0.5	ND 0.5	ND 1	ND 0.5	ND 0.5	1.6	ND 5	2.5	ND 0.5	220	ND 0.5
S081A	04/15/2000	REG	0.6	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.4	ND 5	2.4	ND 0.5	130	ND 0.5
S081A	10/23/2000	REG	0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	0.8	2.6	1.5	ND 5	2.1	ND 0.5	120	ND 0.5
S081A	04/20/2001	REG	0.6	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.7	1.2	ND 5	1.8	ND 0.5	140	ND 0.5
S081A	10/23/2001	REG	0.6	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.4	ND 5	2	ND 0.5	130	ND 0.5
S081A	10/22/2002	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	24	ND 5	1.7	ND 0.5	110	ND 0.5
S081A	10/15/2003	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	100	ND 5	1.4	ND 0.5	91	ND 0.5
S081A	10/12/2004	REG	ND 1	ND 10	ND 1	ND 1	ND 1	ND 1	ND 1	140	ND 10	1.2	ND 1	55	ND 1

Notes:
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S081A	11/07/2006	REG	ND 0.5	ND 5	ND 0.5	0.6	0.5	ND 0.5	ND 0.5	100	ND 5	1.1	0.7	51	ND 0.5
S081A	07/12/2007	REG	ND 1.3	ND 13	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	150	ND 13	ND 1.3	ND 1.3	11	ND 1.3
S081A	10/16/2008	REG	ND 0.5	ND 5.0	ND 0.5	0.6	ND 0.5	ND 0.5	ND 0.5	190	ND 5.0	ND 0.5	1	12	ND 0.5
S081A	10/20/2009	REG	ND 1.7	ND 6.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	170	ND 67	ND 1.7	1.8	9.6	ND 1.7
S081A	10/19/2010	REG	ND 1.0	ND 4.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	180	ND 40	ND 1.0	2.6	9.2	ND 1.0
S081A	11/16/2011	REG	ND 0.5	ND 3.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	93	ND 20	ND 0.5	ND 0.5	9.7	ND 0.5
S081A	10/31/2012	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	55	ND 20	ND 0.5	ND 0.5	7.5	ND 0.5
S081A	11/14/2013	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	58	ND 20	ND 0.5	ND 0.5	8.2	ND 0.5
S081A	11/07/2014	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	29	ND 20	ND 0.5	ND 0.5	7.5	ND 0.5
S081A	11/24/2015	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	42	ND 20	ND 0.5	ND 0.5	8	ND 0.5
S081A	11/11/2016	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	51	ND 20	ND 0.5	ND 0.5	7.2	ND 0.5
S081A	10/19/2017	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	67	ND 20	ND 0.5	ND 0.5	8.1	ND 0.5
S081A	11/14/2018	REG	ND 0.5	ND 0.5	ND 0.5	0.270 J	ND 0.5	ND 0.5	ND 0.5	76	2.7 B	ND 0.5	0.28 J	8	ND 0.5
S082A	05/26/1983	FD	ND 5	120	ND 5	ND 5	NT	NT	ND 5	280	NT	46	NT	7100	NT
S082A	05/26/1983	REG	ND 1	NT	NT	NT	NT	NT	NT	NT	NT	68	NT	6300	NT
S082A	09/07/1983	REG	1.4	NT	NT	NT	NT	NT	NT	NT	NT	40	NT	3900	NT
S082A	06/26/1984	REG	3.9	NT	NT	NT	NT	NT	NT	NT	NT	72	NT	4200	NT
S082A	12/11/1984	REG	0.46	NT	NT	NT	NT	NT	NT	NT	NT	30	NT	3300	NT
S082A	03/08/1985	REG	0.39	NT	NT	NT	NT	NT	NT	NT	NT	20	NT	2000	NT
S082A	06/19/1985	REG	0.4	NT	NT	NT	NT	NT	NT	NT	NT	28	NT	1900	NT
S082A	10/04/1985	REG	0.43	NT	NT	NT	NT	NT	NT	NT	NT	28	NT	1700	NT
S082A	12/13/1985	REG	0.6	NT	NT	NT	NT	NT	NT	NT	NT	22	NT	1500	NT
S082A	03/12/1986	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	56	NT	ND 50	NT	1400	ND 100
S082A	05/29/1986	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	1200	ND 50
S082A	09/15/1986	FD	0.7	NT	NT	NT	NT	NT	NT	NT	NT	18	NT	1200	NT
S082A	09/15/1986	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	1200	ND 50

Notes:
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S082A	12/23/1986	REG	ND 20	250	ND 20	ND 20	NT	ND 20	ND 20	38	NT	ND 20	NT	1200	ND 40
S082A	03/16/1987	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	NT	NT	ND 25	NT	1500	ND 25
S082A	06/20/1987	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	1600	ND 25
S082A	06/22/1987	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	1600	ND 25
S082A	09/26/1987	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1400	ND 50
S082A	12/01/1987	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	40	NT	ND 25	NT	1200	ND 25
S082A	02/11/1988	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1000	ND 50
S082A	04/26/1988	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	30	NT	ND 25	NT	850	ND 25
S082A	07/28/1988	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	880	ND 25
S082A	10/22/1988	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	900	ND 25
S082A	02/13/1989	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	580	ND 25
S082A	04/13/1989	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	590	ND 25
S082A	08/03/1989	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	1100	ND 25
S082A	10/11/1989	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	7	NT	ND 2.5	NT	140	ND 2.5
S082A	01/29/1990	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	420	ND 25
S082A	04/11/1990	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	270	ND 25
S082A	07/10/1990	REG	ND 25	260	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	260	ND 25
S082A	10/10/1990	REG	ND 12.5	ND 12.5	ND 12.5	ND 12.5	NT	ND 12.5	ND 12.5	ND 12.5	NT	ND 12.5	NT	220	ND 12.5
S082A	01/09/1991	REG	ND 10	19	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	210	ND 10
S082A	04/10/1991	REG	ND 2.5	3.3	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	8.3	NT	ND 2.5	NT	250	ND 2.5
S082A	07/10/1991	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	4.8	NT	ND 2.5	NT	260	ND 2.5
S082A	10/09/1991	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	10	NT	ND 2.5	NT	350	ND 2.5
S082A	01/08/1992	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	150	ND 2.5
S082A	04/10/1992	REG	ND 2.5	5.4	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	14	NT	ND 2.5	NT	350	ND 2.5
S082A	07/10/1992	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	5.3	NT	ND 2.5	NT	101	ND 2.5
S082A	01/06/1993	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	89	ND 5

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S082A	07/13/1993	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	110	ND 5
S082A	01/18/1994	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	8.7	NT	ND 5	NT	190	ND 5
S082A	01/06/1995	REG	ND 5	ND 10	ND 5	ND 5	NT	ND 5	ND 5	7.8	NT	ND 5	NT	350	ND 10
S082A	01/04/1996	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	11	NT	ND 10	NT	330	ND 10
S082A	02/03/1997	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	200	ND 10
S082A	10/22/1997	REG	ND 1	ND 2	ND 0.5	ND 2	NT	ND 0.5	ND 0.5	9.8	NT	3.8	NT	320	ND 0.5
S082A	06/24/1998	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	360	ND 10
S082A	06/15/1999	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	310	ND 10
S082A	11/06/1999	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 1	ND 0.5	ND 0.5	11	ND 0.5	3.4	ND 0.5	250	ND 0.5
S082A	04/05/2000	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	4.6	ND 5	4.5	ND 0.5	190	ND 0.5
S082A	10/25/2000	REG	ND 1	ND 10	ND 1	ND 1	ND 1	ND 1	ND 1	7.1	ND 10	4.5	ND 1	290	ND 1
S082A	04/23/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	4.8	ND 5	3.9	ND 0.5	190	ND 0.5
S082A	10/24/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	5.5	ND 5	4.2	ND 0.5	180	ND 0.5
S082A	10/22/2002	REG	ND 0.8	ND 8.3	ND 0.8	ND 0.8	ND 0.8	ND 0.8	ND 0.8	29	ND 8.3	2.5	ND 0.8	190	ND 0.8
S082A	10/17/2003	REG	ND 0.7	ND 7.1	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	9	ND 7.1	3.5	ND 0.7	160	ND 0.7
S082A	10/12/2004	REG	ND 1	ND 10	ND 1	ND 1	ND 1	ND 1	ND 1	11	ND 10	3.2	ND 1	120	ND 1
S082A	11/03/2005	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	4.9	ND 5	3.8	ND 0.5	120	ND 0.5
S082A	11/07/2006	REG	ND 0.7	ND 7.1	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	2.7	ND 7.1	3.5	ND 0.7	130	ND 0.7
S082A	07/10/2007	REG	ND 0.7	ND 7.1	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	4.1	ND 7.1	2.6	ND 0.7	99	ND 0.7
S082A	10/16/2008	REG	ND 0.5	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	4.4	ND 5.0	3.5	ND 0.5	72	ND 0.5
S082A	10/19/2009	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	6.2	ND 20	4.1	ND 0.5	96	ND 0.5
S082A	10/19/2010	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	6.1	ND 20	3.7	ND 0.5	85	ND 0.5
S082A	11/16/2011	REG	ND 0.5	ND 3.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	7.2	ND 20	2.4	ND 0.5	98	ND 0.5
S082A	11/01/2012	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	8.1	ND 20	2.6	ND 0.5	71	ND 0.5
S082A	11/14/2013	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	9.5	ND 20	2.2	ND 0.5	86	ND 0.5
S082A	11/08/2014	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	11	ND 20	3	ND 0.5	90	ND 0.5

Notes:
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J – Reported value is estimated
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S082A	11/25/2015	REG	ND 1.0	ND 4.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	11	ND 40	2.4	ND 1.0	86	ND 1.0
S082A	11/14/2016	REG	ND 1.0	ND 4.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	20	ND 40	2.9	ND 1.0	92	ND 1.0
S082A	10/23/2017	REG	ND 1.0	ND 4.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	12	ND 40	2.7	ND 1.0	85	ND 1.0
S082A	11/15/2018	REG	ND 0.5	ND 0.5	ND 0.5	0.410 J	0.150 J	ND 0.5	ND 0.5	95	2.7 B	1.2	0.84	69	ND 0.5
S082B1	05/26/1983	FD	14	ND 5	ND 5	ND 5	NT	NT	ND 5	9	NT	18	NT	4200	NT
S082B1	05/26/1983	REG	9	NT	NT	NT	NT	NT	NT	NT	NT	4	NT	5200	NT
S082B1	09/07/1983	REG	5.5	NT	NT	NT	NT	NT	NT	NT	NT	1.9	NT	2700	NT
S082B1	06/26/1984	REG	4.9	NT	NT	NT	NT	NT	NT	NT	NT	3.8	NT	3300	NT
S082B1	12/11/1984	REG	2.7	NT	NT	NT	NT	NT	NT	NT	NT	6.4	NT	4800	NT
S082B1	03/07/1985	REG	0.99	NT	NT	NT	NT	NT	NT	NT	NT	3.2	NT	1900	NT
S082B1	06/19/1985	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	7.6	NT	2700	NT
S082B1	10/04/1985	REG	ND 0.1	NT	NT	NT	NT	NT	NT	NT	NT	6.2	NT	2000	NT
S082B1	12/13/1985	REG	3.2	NT	NT	NT	NT	NT	NT	NT	NT	2.6	NT	1900	NT
S082B1	03/12/1986	REG	ND 50	150	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	2600	ND 100
S082B1	05/29/1986	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1800	ND 100
S082B1	09/16/1986	FD	2	NT	NT	NT	NT	NT	NT	NT	NT	3.3	NT	1700	NT
S082B1	09/16/1986	REG	ND 50	79	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	2300	ND 100
S082B1	12/11/1986	REG	ND 20	48	ND 20	ND 20	NT	ND 20	ND 20	ND 20	NT	ND 20	NT	1300	ND 40
S082B1	03/16/1987	REG	ND 25	28	ND 25	ND 25	NT	ND 25	ND 25	NT	NT	ND 25	NT	1700	ND 25
S082B1	06/22/1987	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	2000	ND 50
S082B1	09/27/1987	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1500	ND 50
S082B1	12/01/1987	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	1500	ND 25
S082B1	02/11/1988	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1200	ND 50
S082B1	04/26/1988	REG	ND 25	32	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	950	ND 25
S082B1	07/28/1988	REG	ND 25	31	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	1000	ND 25
S082B1	10/22/1988	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	1100	ND 25

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S082B1	02/13/1989	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	620	ND 25
S082B1	04/13/1989	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	550	ND 25
S082B1	08/03/1989	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	240	ND 10
S082B1	10/11/1989	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	460	ND 10
S082B1	01/29/1990	REG	ND 25	ND 25	ND 25	63	NT	ND 25	ND 25	50	NT	ND 25	NT	1400	ND 25
S082B1	04/12/1990	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	400	ND 25
S082B1	07/10/1990	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	120	ND 25
S082B1	10/10/1990	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	720	ND 25
S082B1	01/10/1991	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	590	ND 25
S082B1	04/11/1991	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	370	ND 10
S082B1	07/11/1991	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	640	ND 10
S082B1	10/09/1991	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	690	ND 10
S082B1	01/09/1992	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	600	ND 10
S082B1	04/10/1992	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	480	ND 10
S082B1	07/10/1992	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	400	ND 10
S082B1	01/08/1993	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	380	ND 10
S082B1	07/13/1993	REG	ND 5	9.4	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	490	ND 5
S082B1	01/19/1994	REG	ND 5	6.6	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	390	ND 5
S082B1	07/20/1994	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	350	ND 5
S082B1	01/11/1995	REG	ND 5	ND 10	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	390	ND 10
S082B1	07/12/1995	REG	ND 5	ND 10	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	370	ND 10
S082B1	10/24/1995	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	380	ND 10
S082B1	01/04/1996	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	400	ND 10
S082B1	07/11/1996	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	350	ND 10
S082B1	02/03/1997	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	300	ND 10
S082B1	07/23/1997	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	320	ND 10

Notes:
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S082B1	10/22/1997	REG	ND 5	ND 10	ND 2.5	ND 10	NT	ND 2.5	ND 2.5	5.9	NT	ND 2.5	NT	350	8.6
S082B1	06/24/1998	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	280	ND 10
S082B1	12/18/1998	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	270	ND 25
S082B1	06/15/1999	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	280	ND 10
S082B1	11/12/1999	REG	1.9	3	ND 0.5	ND 0.5	ND 1	ND 0.5	ND 0.5	1	ND 5	ND 0.5	ND 0.5	250	ND 0.5
S082B1	04/18/2000	REG	1.2	ND 10	ND 1	ND 1	ND 1	ND 1	ND 1	3	ND 10	ND 1	ND 1	200	ND 1
S082B1	10/26/2000	REG	0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	2.1	ND 5	0.7	ND 0.5	150	ND 0.5
S082B1	04/23/2001	REG	0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	4.5	ND 5	0.8	ND 0.5	150	ND 0.5
S082B1	10/20/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	4.2	ND 5	0.8	ND 0.5	140	ND 0.5
S082B1	10/22/2002	REG	1.1	ND 10	ND 1	ND 1	ND 1	ND 1	ND 1	7.9	ND 10	ND 1	ND 1	260	ND 1
S082B1	10/27/2003	REG	1.4	ND 5	0.6	0.7	ND 0.5	ND 0.5	ND 0.5	1.5	ND 5	0.5	ND 0.5	210	ND 0.5
S082B1	10/11/2004	REG	ND 1.3	ND 13	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	3.1	ND 13	2	ND 1.3	210	ND 1.3
S082B1	11/07/2005	REG	ND 1.7	ND 17	ND 1.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	2.5	ND 17	ND 1.7	ND 1.7	190	ND 1.7
S082B1	11/07/2006	REG	ND 1.3	ND 13	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	5.4	ND 13	ND 1.3	ND 1.3	170	ND 1.3
S082B1	07/25/2007	REG	ND 1	ND 10	ND 1	ND 1	ND 1	ND 1	ND 1	1.7	ND 10	ND 1	ND 1	140	ND 1
S082B1	10/23/2008	REG	ND 1.3	ND 13	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	4.6	ND 13	ND 1.3	ND 1.3	190	ND 1.3
S082B1	10/29/2009	REG	ND 1.3	ND 5.0	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	8.2	ND 50	ND 1.3	ND 1.3	140	ND 1.3
S082B1	10/26/2010	REG	ND 1.0	ND 4.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	2.8	ND 40	ND 1.0	ND 1.0	140	ND 1.0
S082B1	12/02/2011	REG	ND 1.0	ND 4.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 40	ND 1.0	ND 1.0	100	ND 1.0
S082B1	11/07/2012	REG	ND 1.0	ND 4.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 40	ND 1.0	ND 1.0	170	ND 1.0
S082B1	11/18/2013	REG	ND 1.0	ND 4.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	4.8	ND 40	ND 1.0	ND 1.0	160	2.9
S082B1	11/13/2014	REG	ND 1.0	ND 4.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 40	ND 1.0	ND 1.0	170	ND 1.0
S082B1	11/30/2015	REG	ND 1.0	ND 4.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 40	ND 1.0	ND 1.0	140	ND 1.0
S082B1	11/18/2016	REG	ND 1.0	4.3	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	1.2	ND 40	ND 1.0	ND 1.0	170	ND 1.0
S083A	05/26/1983	FD	36	120	ND 10	23	NT	NT	ND 10	6700	NT	33	NT	10000	NT
S083A	05/26/1983	REG	33	NT	NT	NT	NT	NT	NT	NT	NT	29	NT	10000	NT

Notes:
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J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S083A	09/21/1983	REG	11	NT	NT	NT	NT	NT	NT	NT	NT	15	NT	4300	NT
S083A	03/29/1984	REG	2.2	NT	NT	NT	NT	NT	NT	NT	NT	6	NT	1900	NT
S083A	06/26/1984	REG	2.3	NT	NT	NT	NT	NT	NT	NT	NT	12	NT	3800	NT
S083A	09/26/1984	REG	6.7	NT	NT	NT	NT	NT	NT	NT	NT	22	NT	6100	NT
S083A	12/11/1984	REG	4.3	NT	NT	NT	NT	NT	NT	NT	NT	18	NT	5500	NT
S083A	03/08/1985	REG	0.22	NT	NT	NT	NT	NT	NT	NT	NT	4.1	NT	1600	NT
S083A	06/19/1985	REG	1.2	NT	NT	NT	NT	NT	NT	NT	NT	10	NT	2400	NT
S083A	10/04/1985	REG	1.8	NT	NT	NT	NT	NT	NT	NT	NT	9.5	NT	1900	NT
S083A	12/13/1985	REG	2.3	NT	NT	NT	NT	NT	NT	NT	NT	19	NT	3100	NT
S083A	03/12/1986	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	810	NT	ND 100	NT	2600	ND 200
S083A	05/29/1986	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	570	NT	ND 50	NT	2800	ND 100
S083A	09/16/1986	FD	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	770	NT	ND 50	NT	3100	ND 100
S083A	09/16/1986	REG	1.4	NT	NT	NT	NT	NT	NT	NT	NT	19	NT	2900	NT
S083A	12/09/1986	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	800	NT	ND 50	NT	2200	ND 100
S083A	03/12/1987	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	NT	NT	ND 25	NT	4500	ND 25
S083A	06/23/1987	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	900	NT	ND 100	NT	4500	ND 100
S083A	09/29/1987	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	600	NT	ND 100	NT	1700	ND 100
S083A	12/03/1987	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	530	NT	ND 25	NT	2800	ND 25
S083A	02/11/1988	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	560	NT	ND 50	NT	2300	ND 50
S083A	04/26/1988	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	600	NT	ND 50	NT	1900	ND 50
S083A	07/28/1988	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	650	NT	ND 50	NT	2200	ND 50
S083A	10/22/1988	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	760	NT	ND 50	NT	2600	ND 50
S083A	02/13/1989	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	570	NT	ND 50	NT	1200	ND 50
S083A	04/13/1989	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	400	NT	ND 50	NT	1600	ND 50
S083A	08/04/1989	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	440	NT	ND 25	NT	1800	ND 25
S083A	10/11/1989	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	250	NT	ND 25	NT	1100	ND 25

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S083A	01/30/1990	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	250	NT	ND 25	NT	750	ND 25
S083A	04/12/1990	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	170	NT	ND 25	NT	460	ND 25
S083A	07/11/1990	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	220	NT	ND 25	NT	1200	ND 25
S083A	10/11/1990	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	160	NT	ND 25	NT	940	ND 25
S083A	01/10/1991	REG	ND 25	110	ND 25	ND 25	NT	ND 25	ND 25	200	NT	ND 25	NT	1200	ND 25
S083A	04/10/1991	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	250	NT	ND 10	NT	1200	ND 10
S083A	07/11/1991	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	200	NT	ND 10	NT	1300	ND 10
S083A	10/10/1991	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	170	NT	ND 10	NT	1200	ND 10
S083A	01/08/1992	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	190	NT	ND 10	NT	970	ND 10
S083A	04/07/1992	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	110	NT	ND 10	NT	820	ND 10
S083A	07/09/1992	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	97	NT	ND 10	NT	310	ND 10
S083A	01/06/1993	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	230	NT	ND 25	NT	1300	ND 25
S083A	07/14/1993	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	200	NT	ND 25	NT	1500	ND 25
S083A	01/20/1994	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	94	NT	ND 25	NT	730	ND 25
S083A	07/21/1994	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	140	NT	ND 10	NT	660	ND 10
S083A	01/12/1995	REG	ND 10	ND 20	ND 10	ND 10	NT	ND 10	ND 10	120	NT	ND 10	NT	880	ND 20
S083A	07/13/1995	REG	ND 10	ND 20	ND 10	ND 10	NT	ND 10	ND 10	170	NT	ND 10	NT	980	ND 20
S083A	10/26/1995	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	160	NT	ND 50	NT	1000	ND 50
S083A	01/10/1996	REG	ND 20	ND 20	ND 20	ND 20	NT	ND 20	ND 20	160	NT	ND 20	NT	900	ND 20
S083A	07/12/1996	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	150	NT	ND 25	NT	900	ND 25
S083A	02/04/1997	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	120	NT	ND 25	NT	850	ND 25
S083A	07/24/1997	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	150	NT	ND 25	NT	620	ND 25
S083A	10/23/1997	REG	ND 5	ND 10	ND 2.5	ND 10	NT	ND 2.5	ND 2.5	62	NT	5	NT	620	ND 2.5
S083A	06/24/1998	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	34	NT	ND 25	NT	400	ND 25
S083A	12/18/1998	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	64	NT	ND 25	NT	550	ND 25
S083A	06/16/1999	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	74	NT	ND 25	NT	700	ND 25

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S083A	11/08/1999	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	ND 5	ND 2.5	ND 2.5	45	ND 25	6	ND 2.5	630	ND 2.5
S083A	04/05/2000	REG	ND 1.3	ND 13	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	33	ND 13	4.6	ND 1.3	350	ND 1.3
S083A	10/26/2000	REG	ND 1.7	ND 17	ND 1.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	34	ND 17	4.2	ND 1.7	420	ND 1.7
S083A	04/24/2001	REG	ND 1.7	ND 17	ND 1.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	35	ND 17	4.3	ND 1.7	450	ND 1.7
S083A	10/25/2001	REG	ND 1.7	ND 17	ND 1.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	25	ND 17	3.6	ND 1.7	340	ND 1.7
S083A	10/23/2002	REG	ND 1.7	ND 17	ND 1.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	33	ND 17	3.6	ND 1.7	430	ND 1.7
S083A	10/20/2003	REG	ND 1.3	ND 13	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	52	ND 13	5.3	1.3	450	ND 1.3
S083A	10/12/2004	REG	ND 2	ND 20	ND 2	ND 2	ND 2	ND 2	ND 2	87	ND 20	4.4	ND 2	320	ND 2
S083A	11/03/2005	REG	ND 2	ND 20	ND 2	ND 2	ND 2	ND 2	ND 2	39	ND 20	4	ND 2	200	ND 2
S083A	11/07/2006	REG	ND 1.4	ND 14	ND 1.4	ND 1.4	ND 1.4	ND 1.4	ND 1.4	21	ND 14	3.4	ND 1.4	150	ND 1.4
S083A	07/10/2007	REG	ND 1	ND 10	ND 1	ND 1	ND 1	ND 1	ND 1	35	ND 10	2.7	1.3	160	ND 1
S083A	10/16/2008	REG	ND 0.7	ND 7.1	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	12	ND 7.1	4	1.1	150	ND 0.7
S083A	10/19/2009	REG	ND 1.3	ND 5.0	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	12	ND 50	3.5	ND 1.3	130	ND 1.3
S083A	10/19/2010	REG	ND 1.0	ND 4.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	12	ND 40	3.8	ND 1.0	100	ND 1.0
S083A	11/16/2011	REG	ND 0.5	ND 3.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	8.3	ND 20	3.3	0.9	99	ND 0.5
S083A	11/01/2012	REG	ND 1.0	ND 4.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	14	ND 40	3.3	1.5	91	ND 1.0
S083A	11/14/2013	REG	ND 1.0	ND 4.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	17	ND 40	3.5	ND 1.0	80	ND 1.0
S083A	11/08/2014	REG	ND 1.0	ND 4.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	16	ND 40	4.1	ND 1.0	84	ND 1.0
S083A	11/25/2015	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	19	ND 20	4.9	0.5	80	ND 0.5
S083A	11/14/2016	REG	ND 1.0	ND 4.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	18	ND 40	3.9	ND 1.0	82	ND 1.0
S083A	10/23/2017	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	18	ND 20	3.9	0.7	81	ND 0.5
S083A	11/15/2018	REG	ND 0.5	ND 0.5	0.250 J	0.190 J	0.54	ND 0.5	0.150 J	16	0.57 B	2.4	0.95	57	ND 0.5
S084A	10/12/1983	REG	5.9	NT	NT	NT	NT	NT	NT	NT	NT	4	NT	73	NT
S084A	03/12/1986	REG	19	ND 2	7.3	ND 2	NT	ND 2	ND 2	ND 2	NT	4.3	NT	74	ND 4
S084A	09/11/1986	REG	27	NT	NT	NT	NT	NT	NT	NT	NT	5.9	NT	64	NT
S084A	03/10/1987	REG	19	ND 0.5	17	ND 0.5	NT	ND 0.5	ND 0.5	NT	NT	5	NT	76	ND 0.5

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S084A	09/24/1987	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	20	ND 2.5
S084A	02/08/1988	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	1.4	ND 0.5
S084A	07/26/1988	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	1.4	ND 0.5
S084A	02/07/1989	REG	ND 0.5	ND 0.5	ND 0.5	6.1	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	26	ND 0.5
S084A	01/11/1993	REG	ND 0.5	ND 0.5	0.7	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	22	ND 0.5
S084A	07/12/1993	REG	ND 0.5	ND 0.5	1.3	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	0.6	NT	24	ND 0.5
S084A	01/03/1996	REG	ND 0.5	ND 0.5	0.9	ND 0.5	NT	ND 0.5	ND 0.5	0.6	NT	1.4	NT	22	ND 0.5
S084A	01/28/1997	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	0.8	NT	9.1	ND 0.5
S084A	10/21/1997	REG	ND 1	ND 2	ND 0.5	ND 2	NT	ND 0.5	ND 0.5	ND 0.5	NT	2.8	NT	35	ND 0.5
S084A	06/26/1998	REG	0.7	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	0.8	NT	2.7	NT	22	ND 0.5
S084A	06/11/1999	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	NT	3	NT	61	ND 2.5
S084A	11/04/1999	REG	0.8	ND 0.5	0.7	ND 0.5	ND 1	ND 0.5	ND 0.5	1	ND 5	ND 0.5	ND 0.5	43	ND 0.5
S084A	04/05/2000	REG	2.5	ND 5	1.2	1.1	ND 0.5	ND 0.5	ND 0.5	1.7	ND 5	5.2	ND 0.5	56	ND 0.5
S084A	10/25/2000	REG	1	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.8	ND 5	3.8	ND 0.5	40	ND 0.5
S084A	04/18/2001	REG	1.6	ND 5	1	1.1	ND 0.5	ND 0.5	ND 0.5	1.7	ND 5	3.7	ND 0.5	59	ND 0.5
S084A	10/22/2001	REG	0.8	ND 5	0.6	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.2	ND 5	3.1	ND 0.5	39	ND 0.5
S084A	10/18/2002	REG	0.9	ND 5	0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.9	ND 5	3.3	ND 0.5	44	ND 0.5
S084A	10/15/2003	REG	1.7	ND 5	0.9	0.8	ND 0.5	ND 0.5	ND 0.5	2.2	ND 5	5	ND 0.5	79	ND 0.5
S084A	10/12/2004	REG	1.2	ND 5	0.8	0.7	ND 0.5	ND 0.5	ND 0.5	1.9	ND 5	4.9	ND 0.5	71	ND 0.5
S084B1	10/12/1983	REG	11	NT	NT	NT	NT	NT	NT	NT	NT	22	NT	190	NT
S084B1	03/12/1986	REG	72	6.3	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	15	NT	150	ND 10
S084B1	09/11/1986	REG	58	NT	NT	NT	NT	NT	NT	NT	NT	17	NT	140	NT
S084B1	03/11/1987	REG	95	7	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	NT	NT	44	NT	230	ND 2.5
S084B1	06/19/1987	REG	97	ND 5	ND 5	12	NT	ND 5	ND 5	ND 5	NT	17	NT	250	ND 5
S084B1	09/25/1987	REG	38	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	13	NT	330	ND 5
S084B1	12/01/1987	REG	35	ND 5	ND 5	14	NT	ND 5	ND 5	ND 5	NT	17	NT	250	ND 5

Notes:
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J – Reported value is estimated
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S084B1	02/09/1988	REG	50	ND 5	ND 5	6	NT	ND 5	ND 5	ND 5	NT	15	NT	180	ND 5
S084B1	04/25/1988	REG	20	ND 5	ND 5	5	NT	ND 5	ND 5	ND 5	NT	11	NT	150	ND 5
S084B1	07/27/1988	REG	34	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	16	NT	170	ND 5
S084B1	10/20/1988	REG	32	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	15	NT	170	ND 5
S084B1	02/09/1989	REG	11	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	11	NT	160	ND 5
S084B1	04/12/1989	REG	6	ND 1	ND 1	ND 1	NT	ND 1	ND 1	ND 1	NT	4	NT	63	ND 1
S084B1	08/02/1989	REG	11	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	64	NT	ND 2.5	NT	92	ND 2.5
S084B1	10/10/1989	REG	9	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	5	NT	13	NT	140	ND 2.5
S084B1	01/24/1990	REG	3.5	1.4	0.8	1.7	NT	ND 0.5	0.5	6.4	NT	8.5	NT	110	ND 0.5
S084B1	04/11/1990	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	8.7	NT	110	ND 5
S084B1	07/10/1990	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	5.5	NT	ND 5	NT	26	ND 5
S084B1	10/09/1990	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	5.3	NT	5.4	NT	67	ND 2.5
S084B1	01/09/1991	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	82	NT	1.4	NT	29	ND 0.5
S084B1	04/10/1991	REG	2.2	ND 0.5	1.8	ND 0.5	NT	ND 0.5	ND 0.5	1.3	NT	9.9	NT	94	ND 0.5
S084B1	07/10/1991	REG	0.6	ND 0.5	0.7	ND 0.5	NT	ND 0.5	ND 0.5	3.6	NT	6.4	NT	75	ND 0.5
S084B1	10/09/1991	REG	ND 0.5	ND 0.5	1.6	ND 0.5	NT	ND 0.5	ND 0.5	40	NT	2.7	NT	35	ND 0.5
S084B1	01/08/1992	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	1.8	NT	ND 0.5	NT	3.1	ND 0.5
S084B1	04/10/1992	REG	1.2	ND 0.5	1.5	0.6	NT	ND 0.5	ND 0.5	1.4	NT	5.9	NT	78	ND 0.5
S084B1	07/10/1992	REG	0.7	ND 0.5	1.3	ND 0.5	NT	ND 0.5	ND 0.5	3.6	NT	7.8	NT	80	ND 0.5
S084B1	01/08/1993	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	1.5	NT	29	ND 0.5
S084B1	07/13/1993	REG	ND 0.5	ND 0.5	0.9	ND 0.5	NT	ND 0.5	ND 0.5	0.5	NT	4.7	NT	54	ND 0.5
S084B1	01/18/1994	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	68	ND 5
S084B1	07/19/1994	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	5.6	NT	110	ND 5
S084B1	01/06/1995	REG	ND 0.5	ND 1	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	0.9	NT	ND 0.5	NT	27	ND 1
S084B1	07/11/1995	REG	ND 0.5	ND 1	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	4.9	NT	ND 0.5	NT	21	ND 1
S084B1	10/23/1995	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	12	NT	130	ND 5

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S084B1	01/05/1996	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	1.4	NT	1.3	NT	22	ND 0.5
S084B1	07/09/1996	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	NT	5.6	NT	58	ND 2.5
S084B1	01/28/1997	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	31	ND 10
S084B1	07/23/1997	REG	ND 1	ND 1	ND 1	ND 1	NT	ND 1	ND 1	6	NT	6	NT	51	ND 1
S084B1	10/21/1997	REG	5	ND 2	1.3	ND 2	NT	0.7	ND 0.5	290	NT	0.7	NT	91	0.9
S084B1	06/26/1998	REG	ND 0.5	ND 0.5	0.6	ND 0.5	NT	ND 0.5	ND 0.5	3.9	NT	ND 0.5	NT	6.9	ND 0.5
S084B1	12/18/1998	FD	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	2.7	NT	ND 0.5	NT	0.5	ND 0.5
S084B1	12/18/1998	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	2.4	NT	ND 0.5	NT	ND 0.5	ND 0.5
S084B1	06/11/1999	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	7.2	NT	ND 0.5	NT	1.1	ND 0.5
S084B1	11/04/1999	REG	1.3	ND 0.5	1	ND 0.5	ND 1	ND 0.5	0.7	30	ND 5	2.3	ND 0.5	52	ND 0.5
S084B1	04/05/2000	REG	1.2	ND 5	1.7	1	0.6	ND 0.5	ND 0.5	30	ND 5	1.9	ND 0.5	51	ND 0.5
S084B1	10/25/2000	REG	1.3	ND 5	1.4	0.8	0.9	ND 0.5	ND 0.5	27	ND 5	2.8	ND 0.5	68	ND 0.5
S084B1	04/18/2001	REG	1.1	ND 5	1.9	1.3	1	ND 0.5	ND 0.5	44	ND 5	2.8	ND 0.5	85	ND 0.5
S084B1	10/23/2001	REG	1.8	ND 5	0.9	1	1.1	ND 0.5	ND 0.5	5.9	ND 5	5.6	ND 0.5	100	ND 0.5
S084B1	10/21/2002	REG	1.5	ND 5	0.9	1	0.9	ND 0.5	ND 0.5	14	ND 5	4.6	ND 0.5	130	ND 0.5
S084B1	10/15/2003	REG	2	ND 5	0.9	1	1.1	ND 0.5	ND 0.5	6.5	ND 5	6	ND 0.5	130	ND 0.5
S084B1	10/12/2004	REG	1.1	ND 5	0.7	0.8	1.2	ND 0.5	ND 0.5	5.8	ND 5	5.5	ND 0.5	100	ND 0.5
S085A	10/02/1984	REG	12	NT	NT	NT	NT	NT	NT	NT	NT	22	NT	560	NT
S085A	10/14/1984	REG	240	NT	NT	NT	NT	NT	NT	NT	NT	39	NT	7700	NT
S085A	03/06/1985	REG	270	NT	NT	NT	NT	NT	NT	NT	NT	31	NT	5400	NT
S085A	09/30/1986	REG	92	NT	NT	NT	NT	NT	NT	NT	NT	32	NT	9300	NT
S085A	03/12/1987	REG	32	48	120	ND 25	NT	ND 25	ND 25	NT	NT	ND 25	NT	4200	ND 25
S085A	06/23/1987	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1400	ND 50
S085A	09/29/1987	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	920	ND 100
S085A	11/30/1987	REG	ND 100	ND 100	200	230	NT	ND 100	ND 100	620	NT	ND 100	NT	9300	ND 100
S085A	02/11/1988	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	160	NT	ND 100	NT	2300	ND 100

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S085A	04/26/1988	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	170	NT	ND 50	NT	1700	ND 50
S085A	09/01/1988	REG	ND 100	160	ND 100	ND 100	NT	ND 100	ND 100	300	NT	ND 100	NT	3300	ND 100
S085A	02/10/1989	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	3	NT	ND 2.5	NT	97	ND 2.5
S085A	04/12/1989	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	3	NT	ND 2.5	NT	70	ND 2.5
S085A	01/15/1996	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	4	NT	ND 2.5	NT	28	ND 2.5
S085A	07/10/1996	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	27	NT	ND 5	NT	110	ND 5
S086A	10/02/1984	FD	97	NT	NT	NT	NT	NT	NT	NT	NT	71	NT	3300	NT
S086A	10/02/1984	REG	78	NT	NT	NT	NT	NT	NT	NT	NT	60	NT	2000	NT
S086A	10/14/1984	REG	780	NT	NT	NT	NT	NT	NT	NT	NT	61	NT	75000	NT
S086A	12/11/1984	REG	390	NT	NT	NT	NT	NT	NT	NT	NT	57	NT	62000	NT
S086A	03/06/1985	REG	450	NT	NT	NT	NT	NT	NT	NT	NT	66	NT	62000	NT
S086A	10/01/1986	REG	250	NT	NT	NT	NT	NT	NT	NT	NT	53	NT	49000	NT
S086A	06/23/1987	REG	ND 2000	ND 2000	ND 2000	5000	NT	ND 2000	ND 2000	ND 2000	NT	ND 2000	NT	100000	ND 2000
S086A	10/01/1987	FD	ND 500	3500	3200	4000	NT	ND 500	ND 500	600	NT	ND 500	NT	50000	ND 500
S086A	10/01/1987	REG	ND 500	3300	3300	4400	NT	ND 500	ND 500	700	NT	ND 500	NT	56000	ND 500
S086A	12/04/1987	REG	ND 1000	ND 1000	ND 1000	ND 1000	NT	ND 1000	ND 1000	ND 1000	NT	ND 1000	NT	75000	ND 1000
S086A	02/16/1988	REG	ND 500	1800	600	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	28000	ND 500
S086A	04/27/1988	REG	ND 1000	5300	ND 1000	ND 1000	NT	ND 1000	ND 1000	ND 1000	NT	ND 1000	NT	41000	ND 1000
S086A	07/30/1988	REG	ND 1000	1900	ND 1000	ND 1000	NT	ND 1000	ND 1000	ND 1000	NT	ND 1000	NT	31000	ND 1000
S086A	02/15/1989	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	9	NT	ND 2.5	NT	140	ND 2.5
S086A	05/10/1989	REG	ND 50	260	ND 50	ND 50	NT	ND 50	ND 50	83	NT	ND 50	NT	3200	ND 50
S086A	08/08/1989	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	2000	ND 50
S086A	01/15/1996	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	370	NT	ND 50	NT	4100	ND 50
S087A	09/26/1986	REG	0.12	NT	NT	NT	NT	NT	NT	NT	NT	1.7	NT	2200	NT
S087A	03/12/1987	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	NT	NT	ND 25	NT	4200	ND 25
S087A	06/23/1987	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	4400	ND 100

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S087A	09/29/1987	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	2100	ND 100
S087A	12/02/1987	FD	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	120	NT	ND 50	NT	3000	ND 50
S087A	12/02/1987	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	150	NT	ND 50	NT	2900	ND 50
S087A	02/12/1988	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	83	NT	ND 50	NT	2000	ND 50
S087A	04/26/1988	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	96	NT	ND 50	NT	1800	ND 50
S087A	07/29/1988	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	92	NT	ND 50	NT	2800	ND 50
S087A	10/23/1988	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	90	NT	ND 50	NT	2200	ND 50
S087A	02/13/1989	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1200	ND 50
S087A	04/13/1989	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1100	ND 50
S087A	08/07/1989	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	53	NT	ND 25	NT	1600	ND 25
S087A	10/11/1989	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	1400	ND 25
S087A	01/29/1990	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	80	NT	ND 50	NT	2800	ND 50
S087A	04/13/1990	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1200	ND 50
S087A	07/12/1990	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1900	ND 50
S087A	10/11/1990	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1900	ND 50
S087A	01/10/1991	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1800	ND 50
S087A	04/11/1991	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1600	ND 50
S087A	07/11/1991	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1500	ND 50
S087A	10/10/1991	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1500	ND 50
S087A	01/09/1992	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1000	ND 50
S087A	04/09/1992	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	30	NT	ND 10	NT	1100	ND 10
S087A	07/09/1992	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	24	NT	ND 10	NT	780	ND 10
S087A	11/01/1995	REG	ND 20	ND 20	ND 20	ND 20	NT	ND 20	ND 20	35	NT	ND 20	NT	650	ND 20
S087A	01/05/1996	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	520	ND 50
S087A	10/23/1997	REG	ND 2	ND 4	ND 1	ND 4	NT	ND 1	ND 1	54	NT	ND 1	NT	220	ND 1
S088A	09/29/1986	REG	2.1	NT	NT	NT	NT	NT	NT	NT	NT	3.1	NT	5300	NT

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S088A	03/12/1987	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	NT	NT	ND 25	NT	5300	ND 25
S088A	06/23/1987	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	200	NT	ND 100	NT	8100	ND 100
S088A	09/29/1987	FD	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	2400	ND 100
S088A	09/29/1987	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	3400	ND 100
S088A	12/02/1987	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	5800	ND 50
S088A	02/12/1988	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	110	NT	ND 100	NT	4700	ND 100
S088A	04/27/1988	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	150	NT	ND 100	NT	3900	ND 100
S088A	07/29/1988	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	3000	ND 100
S088A	10/23/1988	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	3900	ND 100
S088A	02/14/1989	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	2900	ND 100
S088A	04/13/1989	REG	ND 50	470	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	3000	ND 50
S088A	08/07/1989	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	2300	ND 50
S088A	10/11/1989	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	2100	ND 50
S088A	01/30/1990	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	1200	ND 25
S088A	04/12/1990	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	2000	ND 50
S088A	07/12/1990	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	2100	ND 50
S088A	10/11/1990	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1800	ND 50
S088A	01/10/1991	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1700	ND 50
S088A	04/11/1991	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1800	ND 50
S088A	07/11/1991	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1600	ND 50
S088A	10/10/1991	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1600	ND 50
S088A	01/09/1992	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	810	ND 50
S088A	04/09/1992	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	74	NT	ND 10	NT	1200	ND 10
S088A	07/09/1992	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	48	NT	ND 10	NT	760	ND 10
S088A	01/07/1993	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	110	NT	ND 10	NT	880	ND 10
S088A	07/14/1993	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	1200	ND 25

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S088A	01/19/1994	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	1000	ND 25
S088A	07/22/1994	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	760	ND 25
S088A	01/13/1995	REG	ND 10	ND 20	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	720	ND 20
S088A	07/13/1995	REG	ND 10	ND 20	ND 10	ND 10	NT	ND 10	ND 10	13	NT	ND 10	NT	820	ND 20
S088A	10/25/1995	REG	ND 20	ND 20	ND 20	ND 20	NT	ND 20	ND 20	ND 20	NT	ND 20	NT	580	ND 20
S088A	01/05/1996	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	510	ND 50
S088A	07/11/1996	REG	ND 20	ND 20	ND 20	ND 20	NT	ND 20	ND 20	250	NT	ND 20	NT	130	ND 20
S088A	02/04/1997	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	36	NT	ND 25	NT	89	ND 25
S088A	07/24/1997	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	54	NT	ND 5	NT	110	36
S088A	10/22/1997	REG	ND 1	ND 2	ND 0.5	ND 2	NT	ND 0.5	ND 0.5	30	NT	ND 0.5	NT	49	18
S088A	06/26/1998	REG	ND 2.5	ND 2.5	ND 2.5	13	NT	ND 2.5	ND 2.5	52	NT	ND 2.5	NT	57	ND 2.5
S088A	12/21/1998	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	90	NT	ND 5	NT	36	ND 5
S088A	06/16/1999	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	43	NT	ND 2.5	NT	14	ND 2.5
S088A	11/05/1999	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 1	ND 0.5	ND 0.5	63	ND 5	ND 0.5	ND 0.5	30	50
S088A	04/05/2000	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	65	ND 5	ND 0.5	0.9	27	78
S088A	10/23/2000	REG	ND 0.5	ND 5	ND 0.5	0.6	ND 0.5	ND 0.5	ND 0.5	85	ND 5	ND 0.5	1	13	91
S088A	04/20/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	51	ND 5	ND 0.5	0.9	33	60
S088A	10/23/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	37	ND 5	ND 0.5	1	60	41
S088A	10/21/2002	REG	ND 1.3	ND 13	ND 1.3	1.3	ND 1.3	ND 1.3	ND 1.3	300	ND 13	ND 1.3	2.7	31	45
S088A	10/20/2003	REG	ND 1.7	ND 17	ND 1.7	2.3	ND 1.7	ND 1.7	ND 1.7	570	ND 17	ND 1.7	8.1	8.4	47
S088A	10/12/2004	REG	ND 3.6	ND 36	ND 3.6	ND 3.6	ND 3.6	ND 3.6	ND 3.6	420	ND 36	ND 3.6	6	13	20
S088A	11/03/2005	REG	ND 6.3	ND 63	ND 6.3	ND 6.3	ND 6.3	ND 6.3	ND 6.3	720	ND 63	ND 6.3	8.1	8.6	ND 6.3
S088A	11/20/2006	REG	ND 6.3	ND 63	ND 6.3	ND 6.3	ND 6.3	ND 6.3	ND 6.3	900	ND 63	ND 6.3	6.9	ND 6.3	12
S088A	07/10/2007	REG	ND 6.3	ND 63	ND 6.3	ND 6.3	ND 6.3	ND 6.3	ND 6.3	910	ND 63	ND 6.3	7.5	ND 6.3	20
S088A	10/16/2008	REG	ND 1.7	ND 17	ND 1.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	500	ND 17	ND 1.7	3.3	3.3	8
S088A	10/20/2009	REG	ND 5.0	ND 20	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	640	ND 200	ND 5.0	6.7	11	21

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S088A	10/19/2010	REG	ND 4.2	ND 17	ND 4.2	ND 4.2	ND 4.2	ND 4.2	ND 4.2	780	ND 170	ND 4.2	20	4.7	21
S088A	11/14/2011	REG	ND 5.0	ND 30	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	500	ND 200	ND 5.0	ND 5.0	ND 5.0	12
S088A	10/31/2012	REG	ND 5.0	ND 20	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	520	ND 200	ND 5.0	ND 5.0	ND 5.0	19
S088A	11/13/2013	REG	ND 3.6	ND 14	ND 3.6	ND 3.6	ND 3.6	ND 3.6	ND 3.6	840	ND 140	ND 3.6	4.6	3.7	14
S088A	11/07/2014	REG	ND 5.0	ND 20	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	920	ND 200	ND 5.0	5.8	ND 5.0	22
S088A	11/24/2015	REG	ND 5.0	ND 20	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	660	ND 200	ND 5.0	7	ND 5.0	9.2
S088A	11/11/2016	REG	ND 5.0	ND 20	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	450	ND 200	ND 5.0	ND 5.0	ND 5.0	12
S088A	10/19/2017	REG	ND 3.6	ND 14	ND 3.6	ND 3.6	ND 3.6	ND 3.6	ND 3.6	440	ND 140	ND 3.6	ND 3.6	ND 3.6	8.7
S088A	11/15/2018	REG	ND 5	ND 5	ND 5	2.8 J	ND 5	ND 5	ND 5	640	14 B	ND 5	5.2	2.3 J	20
S089A	09/29/1986	REG	4.8	NT	NT	NT	NT	NT	NT	NT	NT	22	NT	280	NT
S089A	03/11/1987	REG	11	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	NT	NT	18	NT	390	ND 2.5
S089A	06/19/1987	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	26	NT	ND 10	NT	580	ND 10
S089A	09/25/1987	REG	12	ND 10	ND 10	ND 10	NT	ND 10	ND 10	14	NT	ND 10	NT	300	ND 10
S089A	12/01/1987	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	5	NT	ND 5	NT	290	ND 5
S089A	02/09/1988	REG	5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	10	NT	9	NT	250	ND 5
S089A	04/25/1988	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	11	NT	ND 5	NT	200	ND 5
S089A	07/27/1988	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	7	NT	5	NT	200	ND 5
S089A	10/20/1988	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	310	ND 10
S089A	02/08/1989	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	7	NT	ND 5	NT	210	ND 5
S089A	04/12/1989	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	5	NT	ND 5	NT	120	ND 5
S089A	07/31/1989	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	980	ND 25
S089A	10/10/1989	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	43	NT	ND 25	NT	1200	ND 25
S089A	01/25/1990	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	27	NT	ND 5	NT	570	ND 5
S089A	04/11/1990	REG	ND 12	ND 12	ND 12	ND 12	NT	ND 12	ND 12	15	NT	ND 12	NT	920	ND 12
S089A	07/12/1990	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	385	ND 25
S089A	10/10/1990	REG	ND 12.5	ND 12.5	ND 12.5	ND 12.5	NT	ND 12.5	ND 12.5	ND 12.5	NT	ND 12.5	NT	330	ND 12.5

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S089A	04/10/1991	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	420	ND 10
S089A	04/07/1992	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	16	NT	ND 10	NT	550	ND 10
S089A	07/08/1992	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	13	NT	ND 10	NT	480	ND 10
S089A	01/04/1996	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	160	ND 10
S089A	10/22/1997	REG	ND 1	ND 2	ND 0.5	ND 2	NT	ND 0.5	ND 0.5	0.9	NT	1.7	NT	72	ND 0.5
S089A	07/17/2000	REG	0.8	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.9	ND 5	2.5	ND 0.5	86	ND 0.5
S090A	09/29/1986	REG	5.4	NT	NT	NT	NT	NT	NT	NT	NT	3.3	NT	170	NT
S090A	03/11/1987	REG	9	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	NT	NT	ND 2.5	NT	230	ND 2.5
S090A	09/24/1987	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	260	ND 5
S090A	02/09/1988	REG	5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	130	ND 5
S090A	07/27/1988	REG	5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	7	NT	ND 5	NT	190	ND 5
S090A	02/08/1989	FD	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	17	ND 0.5
S090A	02/08/1989	REG	ND 1	ND 1	ND 1	ND 1	NT	ND 1	ND 1	ND 1	NT	ND 1	NT	19	ND 1
S090A	08/02/1989	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	240	ND 5
S090A	01/04/1996	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	95	ND 2.5
S090A	10/21/1997	REG	1	9	ND 0.5	ND 2	NT	ND 0.5	ND 0.5	0.9	NT	1.8	NT	57	ND 0.5
S090A	07/17/2000	REG	0.8	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.6	ND 5	1.2	ND 0.5	51	ND 0.5
S091A	09/30/1986	REG	1.9	NT	NT	NT	NT	NT	NT	NT	NT	9.7	NT	230000	NT
S091A	03/13/1987	REG	ND 2500	ND 2500	ND 2500	ND 2500	NT	ND 2500	ND 2500	NT	NT	ND 2500	NT	160000	ND 2500
S091A	06/23/1987	REG	ND 5000	ND 5000	ND 5000	ND 5000	NT	ND 5000	ND 5000	700	NT	ND 5000	NT	220000	ND 5000
S091A	10/01/1987	REG	7800	ND 2500	ND 2500	ND 2500	NT	ND 2500	ND 2500	ND 2500	NT	ND 2500	NT	26000	ND 2500
S091A	12/03/1987	REG	ND 5000	ND 5000	ND 5000	ND 5000	NT	ND 5000	ND 5000	ND 5000	NT	ND 5000	NT	200000	ND 5000
S091A	02/12/1988	REG	ND 2500	ND 2500	ND 2500	ND 2500	NT	ND 2500	ND 2500	5000	NT	ND 2500	NT	100000	ND 2500
S091A	04/27/1988	REG	ND 2500	ND 2500	ND 2500	ND 2500	NT	ND 2500	ND 2500	3600	NT	ND 2500	NT	38000	ND 2500
S091A	07/30/1988	REG	ND 2500	ND 2500	ND 2500	ND 2500	NT	ND 2500	ND 2500	4700	NT	ND 2500	NT	200000	ND 2500
S091A	02/15/1989	REG	ND 2500	ND 2500	ND 2500	ND 2500	NT	ND 2500	ND 2500	ND 2500	NT	ND 2500	NT	68000	ND 2500

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S091A	04/17/1989	REG	ND 1000	ND 1000	ND 1000	ND 1000	NT	ND 1000	ND 1000	2800	NT	ND 1000	NT	42000	ND 1000
S091A	08/08/1989	REG	ND 1000	ND 1000	ND 1000	ND 1000	NT	ND 1000	ND 1000	2000	NT	ND 1000	NT	47000	ND 1000
S091A	10/12/1989	REG	ND 1000	ND 1000	ND 1000	ND 1000	NT	ND 1000	ND 1000	2500	NT	ND 1000	NT	46000	ND 1000
S091A	01/23/1990	REG	ND 1000	ND 1000	ND 1000	ND 1000	NT	ND 1000	ND 1000	2300	NT	ND 1000	NT	37000	ND 1000
S091A	04/10/1990	REG	ND 1300	ND 1300	ND 1300	ND 1300	NT	ND 1300	ND 1300	2100	NT	ND 1300	NT	30000	ND 1300
S091A	07/10/1990	REG	ND 1300	ND 1300	ND 1300	ND 1300	NT	ND 1300	ND 1300	ND 1300	NT	ND 1300	NT	22000	ND 1300
S091A	10/09/1990	REG	ND 1250	ND 1250	ND 1250	ND 1250	NT	ND 1250	ND 1250	ND 1250	NT	ND 1250	NT	22000	ND 1250
S091A	01/08/1991	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	1200	NT	ND 500	NT	16000	ND 500
S091A	04/09/1991	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	30000	ND 250
S091A	07/09/1991	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	600	NT	ND 250	NT	11000	ND 250
S091A	10/08/1991	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	780	NT	ND 250	NT	18000	ND 250
S091A	01/06/1992	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	1400	NT	ND 250	NT	15000	ND 250
S091A	04/10/1992	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	1300	NT	ND 250	NT	19000	ND 250
S091A	07/10/1992	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	830	NT	ND 250	NT	9700	ND 250
S091A	01/11/1993	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	700	NT	ND 250	NT	15000	ND 250
S091A	07/15/1993	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	310	NT	ND 100	NT	7500	ND 100
S091A	01/20/1994	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	510	NT	ND 100	NT	7100	ND 100
S091A	07/22/1994	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	250	NT	ND 100	NT	3500	ND 100
S091A	01/12/1995	REG	ND 50	ND 100	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	2700	ND 100
S091A	07/13/1995	REG	ND 50	ND 100	ND 50	ND 50	NT	ND 50	ND 50	550	NT	ND 50	NT	4600	ND 100
S091A	10/30/1995	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	1100	NT	ND 500	NT	16000	ND 500
S091A	01/15/1996	REG	ND 200	ND 200	ND 200	ND 200	NT	ND 200	ND 200	470	NT	ND 200	NT	5600	ND 200
S091A	07/12/1996	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	540	NT	ND 500	NT	8900	ND 500
S091A	02/05/1997	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	150	NT	ND 100	NT	2200	ND 100
S091A	07/25/1997	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	620	NT	ND 250	NT	12000	ND 250
S091A	10/23/1997	REG	ND 100	ND 200	ND 50	ND 200	NT	ND 50	ND 50	1000	NT	ND 50	NT	11000	ND 50

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S091A	06/26/1998	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	750	NT	ND 500	NT	13000	ND 500
S091A	12/21/1998	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	960	NT	ND 500	NT	9200	ND 500
S091A	11/08/1999	REG	770	49	190	91	ND 50	ND 25	ND 25	1100	ND 250	ND 25	ND 25	12000	ND 25
S091A	04/07/2000	FD	45	ND 420	58	ND 42	ND 42	ND 42	ND 42	1400	ND 420	ND 42	ND 42	9000	ND 42
S091A	04/07/2000	REG	ND 31	ND 310	40	ND 31	ND 31	ND 31	ND 31	1000	ND 310	ND 31	56	7800	ND 31
S091A	10/26/2000	REG	ND 42	ND 420	49	ND 42	ND 42	ND 42	ND 42	1600	ND 420	ND 42	54	11000	ND 42
S092A	09/30/1986	REG	1.3	NT	NT	NT	NT	NT	NT	NT	NT	3.9	NT	1500	NT
S092A	03/09/1987	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	NT	NT	ND 25	NT	1100	ND 25
S092A	06/17/1987	REG	ND 25	89	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	1000	ND 25
S092A	09/26/1987	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	30	NT	ND 25	NT	1400	ND 25
S092A	11/30/1987	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	35	NT	ND 25	NT	1200	ND 25
S092A	02/10/1988	REG	ND 25	35	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	840	ND 25
S092A	04/28/1988	REG	ND 25	68	ND 25	ND 25	NT	ND 25	ND 25	47	NT	ND 25	NT	1100	ND 25
S092A	07/26/1988	REG	ND 25	41	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	930	ND 25
S092A	10/26/1988	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	950	ND 25
S092A	02/16/1989	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	790	ND 25
S092A	04/11/1989	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	770	ND 25
S092A	07/28/1989	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	850	ND 25
S092A	10/17/1989	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	1200	ND 25
S092A	02/15/1990	REG	ND 0.5	110	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	960	ND 0.5
S092A	04/10/1990	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	610	ND 25
S092A	07/10/1990	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	890	ND 25
S092A	10/09/1990	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	600	ND 25
S092A	01/09/1991	REG	ND 12.5	ND 12.5	ND 12.5	ND 12.5	NT	ND 12.5	ND 12.5	25	NT	ND 12.5	NT	470	ND 12.5
S092A	04/09/1991	REG	ND 10	12	ND 10	ND 10	NT	ND 10	ND 10	21	NT	ND 10	NT	780	ND 10
S092A	07/09/1991	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	24	NT	ND 10	NT	680	ND 10

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S092A	10/08/1991	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	14	NT	ND 10	NT	860	ND 10
S092A	01/06/1992	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	150	NT	ND 10	NT	590	ND 10
S092A	04/10/1992	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	38	NT	ND 10	NT	620	ND 10
S092A	07/08/1992	REG	ND 10	19	ND 10	ND 10	NT	ND 10	ND 10	49	NT	ND 10	NT	1000	ND 10
S092A	01/19/1993	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	7.8	NT	ND 5	NT	280	ND 5
S092A	04/14/1993	REG	ND 5	7.5	ND 5	ND 5	NT	ND 5	ND 5	24	NT	ND 5	NT	510	ND 5
S092A	07/12/1993	REG	ND 10	13	ND 10	ND 10	NT	ND 10	ND 10	14	NT	ND 10	NT	620	ND 10
S092A	10/11/1993	REG	ND 10	16	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	650	ND 10
S092A	01/27/1994	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	10	NT	ND 10	NT	490	ND 10
S092A	07/29/1994	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	17	NT	ND 10	NT	470	ND 10
S092A	01/19/1995	REG	ND 5	12	ND 5	ND 5	NT	ND 5	ND 5	21	NT	ND 5	NT	520	ND 10
S092A	07/13/1995	REG	ND 10	ND 20	ND 10	ND 10	NT	ND 10	ND 10	13	NT	ND 10	NT	510	ND 20
S092A	10/24/1995	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	17	NT	ND 10	NT	400	ND 10
S092A	01/17/1996	REG	ND 20	ND 20	ND 20	ND 20	NT	ND 20	ND 20	ND 20	NT	ND 20	NT	440	ND 20
S092A	07/16/1996	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	12	NT	ND 10	NT	370	ND 10
S092A	02/03/1997	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	500	ND 25
S092A	04/09/1997	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	340	ND 10
S092A	07/28/1997	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	95	NT	ND 25	NT	430	ND 25
S092A	10/27/1997	REG	ND 5	ND 10	ND 2.5	ND 10	NT	ND 2.5	ND 2.5	44	NT	ND 2.5	NT	420	ND 2.5
S092A	04/15/1998	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	90	NT	ND 10	NT	400	ND 10
S092A	10/14/1998	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	480	ND 25
S092A	01/22/1999	REG	ND 10	ND 10	ND 10	ND 10	ND 20	ND 10	ND 10	81	ND 100	ND 10	ND 10	500	ND 10
S092A	06/09/1999	REG	ND 10	ND 10	ND 10	ND 10	ND 20	ND 10	ND 10	79	ND 100	ND 10	ND 10	380	ND 10
S092A	09/22/1999	REG	ND 0.5	5.9	ND 0.5	ND 0.5	ND 1	0.6	ND 0.5	91	ND 5	2.7	0.7	370	ND 0.5
S092A	04/03/2000	REG	ND 1.3	ND 13	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	82	ND 13	1.7	8.1	290	ND 1.3
S092A	10/02/2000	REG	ND 1.3	ND 13	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	99	ND 13	1.7	3.8	290	ND 1.3

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S092A	04/02/2001	REG	ND 1	ND 10	ND 1	ND 1	ND 1	ND 1	ND 1	100	ND 10	1.6	4.5	260	ND 1
S092A	10/01/2001	REG	ND 1	ND 10	ND 1	ND 1	ND 1	ND 1	ND 1	120	ND 10	1.7	1	240	ND 1
S092A	04/16/2002	REG	ND 0.7	ND 7.1	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	88	ND 7.1	1.9	1.7	250	ND 0.7
S092A	10/03/2002	REG	ND 0.7	ND 7.1	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	90	ND 7.1	1.4	6.8	230	ND 0.7
S092A	04/08/2003	REG	ND 1	ND 10	ND 1	ND 1	ND 1	ND 1	1.1	140	ND 10	1.6	1.3	220	ND 1
S092A	10/16/2003	REG	ND 0.8	ND 8.3	ND 0.8	ND 0.8	ND 0.8	ND 0.8	ND 0.8	130	ND 8.3	2.1	0.8	220	ND 0.8
S092A	04/26/2004	REG	ND 0.8	ND 8.3	ND 0.8	ND 0.8	ND 0.8	ND 0.8	ND 0.8	110	ND 8.3	1.5	0.9	190	ND 0.8
S092A	10/14/2004	REG	ND 1.7	ND 17	ND 1.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	110	ND 17	ND 1.7	ND 1.7	180	ND 1.7
S092A	04/04/2005	REG	ND 1.3	ND 13	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	92	ND 13	1.4	ND 1.3	160	ND 1.3
S092A	11/02/2005	REG	ND 1.3	ND 13	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	150	ND 13	1.4	ND 1.3	210	ND 1.3
S092A	06/21/2006	REG	ND 1.3	ND 13	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	110	ND 13	1.8	ND 1.3	150	ND 1.3
S092A	11/01/2006	REG	ND 1	ND 10	ND 1	ND 1	ND 1	ND 1	ND 1	87	ND 10	1.3	3.2	170	ND 1
S092A	05/01/2007	REG	ND 1	ND 10	ND 1	ND 1	ND 1	ND 1	ND 1	110	ND 10	1.7	ND 1	160	ND 1
S092A	07/02/2007	REG	ND 1	ND 10	ND 1	ND 1	ND 1	ND 1	ND 1	95	ND 10	1.1	1.4	150	ND 1
S092A	10/30/2008	REG	ND 1.0	ND 10	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	160	ND 10	1.3	1.9	140	3.6
S092A	05/21/2009	REG	ND 1.0	ND 10	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	120	ND 10	1.3	1.1	150	ND 1.0
S092A	11/04/2009	REG	ND 1.0	ND 4.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	120	ND 40	1.4	1.3	140	ND 1.0
S092A	05/07/2010	REG	ND 1.0	ND 4.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	110	ND 40	ND 1.0	ND 1.0	130	ND 1.0
S092A	11/02/2010	REG	ND 0.7	3.1	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	120	ND 29	ND 0.7	1.7	110	3.2
S092A	06/02/2011	REG	ND 0.7	ND 2.9	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	140	ND 29	1	1.1	100	1.5
S092A	11/04/2011	REG	ND 1.0	ND 4.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	140	ND 40	ND 1.0	2.7	92	ND 1.0
S092A	06/11/2012	REG	ND 1.0	ND 4.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	120	ND 40	1.2	1.6	120	ND 1.0
S092A	10/24/2012	REG	ND 1.0	ND 4.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	100	ND 40	ND 1.0	2.2	100	ND 1.0
S092A	06/19/2013	REG	ND 1.0	ND 4.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	120	ND 40	1.1	1.1	160	ND 1.0
S092A	11/05/2013	REG	ND 1.0	ND 4.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	120	ND 40	1.4	ND 1.0	100	ND 1.0
S092A	06/09/2014	REG	ND 1.0	ND 4.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	110	ND 40	ND 1.0	ND 1.0	100	ND 1.0

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S092A	10/30/2014	REG	ND 1.0	5.6	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	140	ND 40	1	ND 1.0	120	ND 1.0
S092A	05/21/2015	REG	ND 1.0	ND 4.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	110	ND 40	1.4	ND 1.0	100	ND 1.0
S092A	10/15/2015	REG	ND 1.0	ND 4.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	110	ND 40	ND 1.0	3.4	94	ND 1.0
S092A	05/26/2016	REG	ND 0.7	ND 2.9	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	110	ND 29	0.9	4.1	90	ND 0.7
S092A	10/13/2016	REG	ND 1.0	ND 4.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	100	ND 40	1.2	ND 1.0	90	ND 1.0
S092A	05/23/2017	REG	ND 1.0	ND 4.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	110	ND 40	ND 1.0	1.1	91	ND 1.0
S092A	10/13/2017	REG	ND 1.0	ND 4.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	130	ND 40	ND 1.0	1.8	110	ND 1.0
S092A	05/24/2018	REG	ND 1.0	ND 4.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	120	ND 40	ND 1.0	ND 1.0	93	ND 1.0
S092A	10/09/2018	REG	ND 0.8	ND 3.3	ND 0.8	ND 0.8	ND 0.8	ND 0.8	ND 0.8	89	ND 33	ND 0.8	1.6	66	ND 0.8
S100A	10/02/1986	REG	1.7	NT	NT	NT	NT	NT	NT	NT	NT	3.4	NT	550	NT
S100A	03/09/1987	REG	ND 2.5	51	4	ND 2.5	NT	ND 2.5	ND 2.5	NT	NT	6	NT	760	ND 2.5
S100A	06/17/1987	REG	ND 5	10	ND 5	ND 5	NT	ND 5	ND 5	17	NT	ND 5	NT	380	ND 5
S100A	09/26/1987	REG	ND 10	23	ND 10	ND 10	NT	ND 10	ND 10	18	NT	ND 10	NT	750	ND 10
S100A	11/30/1987	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	28	NT	ND 10	NT	710	ND 10
S100A	02/10/1988	REG	ND 10	17	ND 10	ND 10	NT	ND 10	ND 10	13	NT	ND 10	NT	310	ND 10
S100A	04/28/1988	REG	ND 10	16	ND 10	ND 10	NT	ND 10	ND 10	22	NT	ND 10	NT	340	ND 10
S100A	07/26/1988	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	12	NT	ND 10	NT	380	ND 10
S100A	10/26/1988	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	14	NT	ND 10	NT	410	ND 10
S100A	02/16/1989	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	10	NT	ND 10	NT	380	ND 10
S100A	04/11/1989	REG	ND 5	7	ND 5	ND 5	NT	ND 5	ND 5	22	NT	ND 5	NT	380	ND 5
S100A	07/28/1989	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	720	ND 25
S100A	10/17/1989	REG	ND 10	16	ND 10	ND 10	NT	ND 10	12	21	NT	ND 10	NT	430	ND 10
S100A	01/23/1990	REG	ND 5	39	ND 5	ND 5	NT	ND 5	ND 5	30	NT	ND 5	NT	440	ND 5
S100A	04/10/1990	REG	ND 13	40	ND 13	ND 13	NT	ND 13	ND 13	31	NT	ND 13	NT	480	ND 13
S100A	07/10/1990	REG	ND 10	18	ND 10	ND 10	NT	ND 10	ND 10	25	NT	ND 10	NT	430	ND 10
S100A	10/09/1990	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	510	ND 25

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S100A	01/09/1991	REG	ND 10	18	ND 10	ND 10	NT	ND 10	ND 10	30	NT	ND 10	NT	420	ND 10
S100A	04/09/1991	REG	ND 10	19	ND 10	ND 10	NT	ND 10	ND 10	24	NT	ND 10	NT	580	ND 10
S100A	07/09/1991	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	24	NT	ND 10	NT	370	ND 10
S100A	10/08/1991	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	24	NT	ND 10	NT	590	ND 10
S100A	01/06/1992	REG	ND 10	28	ND 10	ND 10	NT	ND 10	ND 10	48	NT	ND 10	NT	630	ND 10
S100A	04/10/1992	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	23	NT	ND 10	NT	460	ND 10
S100A	07/08/1992	REG	ND 10	12	ND 10	ND 10	NT	ND 10	ND 10	28	NT	ND 10	NT	540	ND 10
S100A	01/18/1993	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	24	NT	ND 10	NT	680	ND 10
S100A	07/12/1993	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	11	NT	ND 10	NT	510	ND 10
S100A	01/20/1994	REG	ND 10	13	ND 10	ND 10	NT	ND 10	ND 10	27	NT	ND 10	NT	630	ND 10
S100A	07/22/1994	REG	ND 10	12	ND 10	ND 10	NT	ND 10	ND 10	42	NT	ND 10	NT	480	ND 10
S100A	01/17/1995	REG	ND 5	13	ND 5	ND 5	NT	ND 5	ND 5	28	NT	ND 5	NT	400	ND 10
S100A	07/13/1995	REG	ND 5	10	ND 5	ND 5	NT	ND 5	ND 5	27	NT	ND 5	NT	370	ND 10
S100A	10/24/1995	REG	ND 10	13	ND 10	ND 10	NT	ND 10	ND 10	35	NT	ND 10	NT	410	ND 10
S100A	01/17/1996	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	27	NT	ND 10	NT	330	ND 10
S100A	07/16/1996	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	28	NT	ND 10	NT	350	ND 10
S100A	02/03/1997	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	120	ND 10
S100A	04/09/1997	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	23	NT	ND 10	NT	260	ND 10
S100A	07/28/1997	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	24	NT	ND 5	NT	300	ND 5
S100A	10/27/1997	REG	ND 5	ND 10	ND 2.5	ND 10	NT	ND 2.5	ND 2.5	21	NT	3	NT	320	ND 2.5
S100A	04/15/1998	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	31	NT	ND 10	NT	340	ND 10
S100A	10/14/1998	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	380	ND 50
S100A	01/22/1999	REG	ND 25	ND 25	ND 25	ND 25	ND 50	ND 25	ND 25	36	ND 250	ND 25	ND 25	1100	ND 25
S100A	06/09/1999	REG	ND 25	ND 25	ND 25	ND 25	ND 50	ND 25	ND 25	ND 25	ND 250	ND 25	ND 25	360	ND 25
S100A	09/22/1999	REG	ND 0.5	5.4	ND 0.5	ND 0.5	ND 1	ND 0.5	ND 0.5	25	ND 5	3.2	ND 0.5	360	ND 0.5
S100A	04/03/2000	REG	ND 1.3	ND 13	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	21	ND 13	2.7	1.9	270	ND 1.3

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S100A	10/02/2000	REG	ND 1	ND 10	ND 1	ND 1	ND 1	ND 1	ND 1	31	ND 10	1.9	ND 1	250	ND 1
S100A	04/02/2001	REG	ND 0.8	ND 8.3	ND 0.8	ND 0.8	ND 0.8	ND 0.8	ND 0.8	28	ND 8.3	1.9	1.4	210	ND 0.8
S100A	10/01/2001	REG	ND 0.8	ND 8.3	ND 0.8	ND 0.8	ND 0.8	ND 0.8	ND 0.8	52	ND 8.3	1.7	2	190	ND 0.8
S100A	04/16/2002	REG	ND 0.8	ND 8.3	ND 0.8	ND 0.8	ND 0.8	ND 0.8	ND 0.8	13	ND 8.3	1.8	1.7	150	ND 0.8
S100A	10/03/2002	REG	ND 0.8	ND 8.3	ND 0.8	ND 0.8	ND 0.8	ND 0.8	ND 0.8	18	ND 8.3	1.6	1.2	170	ND 0.8
S100A	04/08/2003	REG	0.7	ND 5	0.9	0.6	ND 0.5	ND 0.5	0.5	40	ND 5	2.1	ND 0.5	220	ND 0.5
S100A	10/16/2003	REG	ND 0.8	ND 8.3	1	ND 0.8	ND 0.8	ND 0.8	ND 0.8	73	ND 8.3	1.8	ND 0.8	230	ND 0.8
S100A	04/26/2004	REG	0.8	ND 5	0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	17	ND 5	1.9	ND 0.5	150	ND 0.5
S100A	10/14/2004	REG	ND 1	ND 10	ND 1	ND 1	ND 1	ND 1	ND 1	26	ND 10	1.8	ND 1	120	ND 1
S100A	04/04/2005	REG	ND 1	ND 10	ND 1	ND 1	ND 1	ND 1	ND 1	22	ND 10	1.4	ND 1	110	ND 1
S100A	11/02/2005	REG	ND 1.3	ND 13	1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	190	ND 13	1.6	3	230	ND 1.3
S100A	06/21/2006	REG	0.6	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	12	ND 5	1.5	ND 0.5	94	ND 0.5
S100A	11/01/2006	REG	ND 0.7	ND 7.1	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	44	ND 7.1	1.2	0.9	110	ND 0.7
S100A	05/01/2007	REG	ND 0.7	ND 7.1	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	49	ND 7.1	1.2	ND 0.7	100	ND 0.7
S100A	07/02/2007	REG	ND 0.7	ND 7.1	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	87	ND 7.1	1	1.2	120	ND 0.7
S100A	10/30/2008	REG	ND 0.7	ND 7.1	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	59	ND 7.1	1.4	ND 0.7	100	ND 0.7
S100A	05/21/2009	REG	ND 0.7	ND 7.1	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	76	ND 7.1	1.3	ND 0.7	110	ND 0.7
S100A	11/04/2009	REG	ND 0.7	5.4	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	88	ND 29	1.5	0.9	110	ND 0.7
S100A	05/07/2010	REG	ND 0.7	ND 2.9	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	66	ND 29	1	ND 0.7	97	ND 0.7
S100A	11/02/2010	REG	ND 0.7	ND 2.9	ND 0.7	ND 0.7	ND 0.7	ND 0.7	1.6	70	ND 29	1	ND 0.7	89	ND 0.7
S100A	06/02/2011	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.6	54	ND 20	0.9	1	69	ND 0.5
S100A	11/04/2011	REG	ND 0.5	2.3	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.5	50	ND 20	0.9	ND 0.5	66	ND 0.5
S100A	06/11/2012	REG	ND 0.5	3.9	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	32	ND 20	1	ND 0.5	63	ND 0.5
S100A	11/28/2012	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	50	ND 20	0.8	ND 0.5	67	ND 0.5
S100A	06/19/2013	REG	ND 0.5	3.4	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	66	ND 20	1.1	0.6	94	ND 0.5
S100A	11/05/2013	REG	ND 0.5	2.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	63	ND 20	1	0.6	76	ND 0.5

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S100A	06/09/2014	REG	ND 0.5	2.3	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	60	ND 20	1	0.6	78	ND 0.5
S100A	10/30/2014	REG	ND 0.5	6.7	ND 0.5	0.8	ND 0.5	ND 0.5	ND 0.5	120	ND 20	1.2	1.1	100	ND 0.5
S100A	05/21/2015	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	36	ND 20	0.9	ND 0.5	64	ND 0.5
S100A	10/16/2015	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	51	ND 20	1.1	ND 0.5	68	ND 0.5
S100A	05/26/2016	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	42	ND 20	0.8	ND 0.5	58	ND 0.5
S100A	10/13/2016	REG	ND 0.5	3	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	27	ND 20	0.9	ND 0.5	53	ND 0.5
S100A	05/23/2017	REG	ND 0.5	2.3	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	75	ND 20	0.9	0.7	86	ND 0.5
S100A	10/13/2017	REG	ND 0.5	3.3	0.5	0.8	ND 0.5	ND 0.5	ND 0.5	150	ND 20	1.1	1.2	120	ND 0.5
S100A	05/24/2018	REG	ND 0.5	2.2	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	79	ND 20	0.8	0.6	86	ND 0.5
S100A	10/09/2018	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	59	ND 20	0.7	ND 0.5	63	ND 0.5
S100B1	06/05/1986	REG	17	NT	NT	NT	NT	NT	NT	NT	NT	15	NT	7000	NT
S100B1	06/06/1986	REG	15	NT	NT	NT	NT	NT	NT	NT	NT	16	NT	7000	NT
S100B1	09/17/1986	REG	7.6	NT	NT	NT	NT	NT	NT	NT	NT	8	NT	3400	NT
S100B1	03/09/1987	REG	ND 50	1800	ND 50	ND 50	NT	ND 50	ND 50	NT	NT	ND 50	NT	12000	ND 50
S100B1	06/17/1987	REG	ND 250	1900	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	7700	ND 250
S100B1	09/26/1987	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	5800	ND 250
S100B1	11/30/1987	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	3300	ND 50
S100B1	02/10/1988	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	2500	ND 100
S100B1	05/13/1988	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	2500	ND 100
S100B1	07/26/1988	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1900	ND 50
S100B1	02/16/1989	REG	ND 100	480	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	5300	ND 100
S100B1	03/14/1989	REG	ND 100	370	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	4100	ND 100
S100B1	04/11/1989	REG	ND 100	470	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	4500	ND 100
S100B1	07/28/1989	REG	ND 100	940	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	5200	ND 100
S100B1	10/17/1989	REG	ND 100	890	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	5000	ND 100
S100B1	02/15/1990	REG	ND 0.5	1000	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	5000	ND 0.5

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S100B1	04/10/1990	REG	ND 130	990	ND 130	ND 130	NT	ND 130	ND 130	ND 130	NT	ND 130	NT	4000	ND 130
S100B1	07/10/1990	REG	ND 100	600	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	5000	ND 100
S100B1	10/09/1990	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	4500	ND 250
S100B1	01/09/1991	REG	ND 125	600	ND 125	ND 125	NT	ND 125	ND 125	ND 125	NT	ND 125	NT	4900	ND 125
S100B1	04/09/1991	REG	ND 50	680	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	6500	ND 50
S100B1	07/09/1991	REG	ND 50	430	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	5600	ND 50
S100B1	10/08/1991	REG	ND 50	520	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	7800	ND 50
S100B1	01/06/1992	REG	ND 250	820	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	6600	ND 250
S100B1	04/10/1992	REG	ND 50	500	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	7000	ND 50
S100B1	07/08/1992	REG	ND 50	1600	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	7100	ND 50
S100B1	10/09/1992	REG	ND 100	1500	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	8100	ND 100
S100B1	01/18/1993	REG	ND 100	2600	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	9300	ND 100
S100B1	04/14/1993	REG	ND 100	1400	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	10000	ND 100
S100B1	07/12/1993	REG	ND 250	1700	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	12000	ND 250
S100B1	10/11/1993	REG	ND 500	5800	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	54000	ND 500
S100B1	01/20/1994	REG	ND 1000	1000	ND 1000	ND 1000	NT	ND 1000	ND 1000	ND 1000	NT	ND 1000	NT	10000	ND 1000
S100B1	04/19/1994	REG	ND 500	1100	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	9600	ND 500
S100B1	07/22/1994	REG	ND 100	1500	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	6400	ND 100
S100B1	10/05/1994	REG	ND 250	1500	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	9300	ND 250
S100B1	01/17/1995	REG	ND 250	1500	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	9100	ND 500
S100B1	04/21/1995	REG	ND 250	1200	250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	7600	ND 500
S100B1	07/13/1995	REG	ND 100	1400	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	9200	ND 200
S100B1	10/24/1995	REG	ND 500	1100	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	9400	ND 500
S100B1	01/17/1996	REG	ND 250	1400	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	7000	ND 250
S100B1	04/04/1996	REG	ND 200	540	ND 200	ND 200	NT	ND 200	ND 200	ND 200	NT	ND 200	NT	4700	ND 200
S100B1	07/16/1996	REG	ND 200	780	ND 200	ND 200	NT	ND 200	ND 200	ND 200	NT	ND 200	NT	5600	ND 200

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S100B1	10/10/1996	REG	ND 200	890	ND 200	ND 200	NT	ND 200	ND 200	ND 200	NT	ND 200	NT	5000	ND 200
S100B1	02/03/1997	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	4700	ND 250
S100B1	04/09/1997	REG	ND 200	990	ND 200	ND 200	NT	ND 200	ND 200	ND 200	NT	ND 200	NT	6400	ND 200
S100B1	07/28/1997	REG	ND 250	850	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	5200	ND 250
S100B1	10/27/1997	REG	ND 50	790	ND 25	ND 100	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	4800	ND 25
S100B1	04/15/1998	REG	ND 500	2000	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	12000	ND 500
S100B1	10/14/1998	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	7100	ND 500
S100B1	01/22/1999	REG	ND 2500	5700	ND 2500	ND 2500	ND 5000	ND 2500	ND 2500	ND 2500	ND 25000	ND 2500	ND 2500	57000	ND 2500
S100B1	06/09/1999	REG	ND 100	660	ND 100	ND 100	ND 200	ND 100	ND 100	ND 100	ND 1000	ND 100	ND 100	4800	ND 100
S100B1	09/22/1999	REG	ND 5	580	ND 5	ND 5	ND 10	ND 5	ND 5	24	ND 50	13	ND 5	4100	ND 5
S100B1	04/03/2000	REG	ND 17	560	ND 17	ND 17	ND 17	ND 17	ND 17	ND 17	ND 170	ND 17	ND 17	4100	ND 17
S100B1	10/02/2000	REG	ND 17	430	ND 17	ND 17	ND 17	ND 17	ND 17	ND 17	ND 170	ND 17	ND 17	3800	ND 17
S100B1	04/02/2001	REG	ND 17	700	ND 17	ND 17	ND 17	ND 17	ND 17	ND 17	ND 170	ND 17	ND 17	4500	ND 17
S100B1	10/01/2001	REG	ND 17	480	ND 17	ND 17	ND 17	ND 17	ND 17	18	ND 170	ND 17	ND 17	4800	ND 17
S100B1	04/16/2002	REG	ND 17	480	ND 17	ND 17	ND 17	ND 17	ND 17	ND 17	ND 170	ND 17	ND 17	3100	ND 17
S100B1	10/03/2002	FD	ND 10	520	ND 10	ND 10	ND 10	ND 10	ND 10	ND 10	ND 100	ND 10	ND 10	3100	ND 10
S100B1	10/03/2002	REG	ND 17	570	ND 17	ND 17	ND 17	ND 17	ND 17	ND 17	ND 170	ND 17	ND 17	3300	ND 17
S100B1	04/08/2003	REG	ND 13	420	ND 13	ND 13	ND 13	ND 13	ND 13	ND 13	ND 130	ND 13	ND 13	3100	ND 13
S100B1	10/16/2003	REG	ND 20	600	ND 20	ND 20	ND 20	ND 20	ND 20	ND 20	ND 200	ND 20	ND 20	5800	ND 20
S100B1	04/26/2004	REG	ND 13	310	ND 13	ND 13	ND 13	ND 13	ND 13	ND 13	ND 130	ND 13	ND 13	2900	ND 13
S100B1	10/14/2004	REG	ND 20	330	ND 20	ND 20	ND 20	ND 20	ND 20	ND 20	ND 200	ND 20	ND 20	2600	ND 20
S100B1	04/04/2005	REG	ND 20	340	ND 20	ND 20	ND 20	ND 20	ND 20	ND 20	ND 200	ND 20	ND 20	2600	ND 20
S100B1	11/02/2005	REG	ND 10	310	ND 10	ND 10	ND 10	ND 10	ND 10	10	ND 100	ND 13	ND 10	2000	ND 10
S100B1	06/21/2006	REG	ND 20	480	ND 20	ND 20	ND 20	ND 20	ND 20	ND 20	ND 200	ND 20	ND 20	3000	ND 20
S100B1	11/01/2006	REG	ND 25	440	ND 25	ND 25	ND 25	ND 25	ND 25	ND 25	ND 250	ND 25	ND 25	4300	ND 25
S100B1	05/01/2007	REG	ND 25	530	ND 25	ND 25	ND 25	ND 25	ND 25	ND 25	ND 250	ND 25	ND 25	4100	ND 25

Notes:
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S100B1	07/02/2007	REG	ND 25	460	ND 25	ND 25	ND 25	ND 25	ND 25	ND 25	ND 250	ND 25	ND 25	4300	ND 25
S100B1	10/30/2008	REG	ND 25	1000	ND 25	ND 25	ND 25	ND 25	ND 25	ND 25	ND 250	ND 25	ND 25	6700	ND 25
S100B1	05/21/2009	REG	ND 25	290	ND 25	ND 25	ND 25	ND 25	ND 25	ND 25	ND 250	ND 25	ND 25	3200	ND 25
S100B1	11/04/2009	REG	ND 25	360	ND 25	ND 25	ND 25	ND 25	ND 25	ND 25	ND 1000	ND 25	ND 25	3100	ND 25
S100B1	05/07/2010	REG	ND 13	250	ND 13	ND 13	ND 13	ND 13	ND 13	ND 13	ND 500	ND 13	ND 13	2200	ND 13
S100B1	11/02/2010	REG	ND 13	120	ND 13	ND 13	ND 13	ND 13	ND 13	ND 13	ND 500	ND 13	ND 13	1600	ND 13
S100B1	06/02/2011	REG	ND 6.3	120	ND 6.3	ND 6.3	ND 6.3	ND 6.3	ND 6.3	ND 6.3	ND 250	ND 6.3	ND 6.3	960	ND 6.3
S100B1	11/04/2011	REG	ND 6.3	30	ND 6.3	ND 6.3	ND 6.3	ND 6.3	ND 6.3	ND 6.3	ND 250	ND 6.3	ND 6.3	640	ND 6.3
S100B1	06/11/2012	REG	ND 6.3	180	ND 6.3	ND 6.3	ND 6.3	ND 6.3	ND 6.3	ND 6.3	ND 250	ND 6.3	ND 6.3	920	ND 6.3
S100B1	10/24/2012	REG	ND 7.1	190	ND 7.1	ND 7.1	ND 7.1	ND 7.1	ND 7.1	24	ND 290	ND 7.1	ND 7.1	1200	ND 7.1
S100B1	06/19/2013	REG	ND 7.1	140	ND 7.1	ND 7.1	ND 7.1	ND 7.1	ND 7.1	ND 7.1	ND 290	ND 7.1	ND 7.1	840	ND 7.1
S100B1	11/05/2013	REG	ND 5.0	68	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 200	ND 5.0	ND 5.0	480	ND 5.0
S100B1	06/09/2014	REG	ND 3.6	88	ND 3.6	ND 3.6	ND 3.6	ND 3.6	ND 3.6	4.5	ND 140	ND 3.6	ND 3.6	720	ND 3.6
S100B1	10/30/2014	REG	ND 4.2	130	ND 4.2	ND 4.2	ND 4.2	ND 4.2	ND 4.2	ND 4.2	ND 170	ND 4.2	ND 4.2	800	ND 4.2
S100B1	05/21/2015	REG	ND 5.0	81	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 200	ND 5.0	ND 5.0	630	ND 5.0
S100B1	10/15/2015	REG	ND 4.2	79	ND 4.2	ND 4.2	ND 4.2	ND 4.2	ND 4.2	4.2	ND 170	ND 4.2	ND 4.2	610	ND 4.2
S100B1	05/26/2016	REG	ND 3.1	83	ND 3.1	ND 3.1	ND 3.1	ND 3.1	ND 3.1	ND 3.1	ND 130	ND 3.1	ND 3.1	530	ND 3.1
S100B1	10/13/2016	REG	ND 3.6	75	ND 3.6	ND 3.6	ND 3.6	ND 3.6	ND 3.6	ND 3.6	ND 140	ND 3.6	ND 3.6	590	ND 3.6
S100B1	05/23/2017	REG	ND 3.6	57	ND 3.6	ND 3.6	ND 3.6	ND 3.6	ND 3.6	3.9	ND 140	ND 3.6	ND 3.6	550	ND 3.6
S100B1	10/13/2017	REG	ND 3.6	58	ND 3.6	ND 3.6	ND 3.6	ND 3.6	ND 3.6	9.1	ND 140	ND 3.6	ND 3.6	500	ND 3.6
S100B1	05/24/2018	REG	ND 3.6	68	ND 3.6	ND 3.6	ND 3.6	ND 3.6	ND 3.6	ND 3.6	ND 140	ND 3.6	ND 3.6	560	ND 3.6
S100B1	10/09/2018	REG	ND 2.0	25	ND 2.0	ND 2.0	ND 2.0	ND 2.0	ND 2.0	3.2	ND 80	ND 2.0	ND 2.0	290	ND 2.0
S100B4	01/24/1990	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	23	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S100B4	04/11/1990	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	20	ND 0.5	NT	ND 0.5	NT	0.7	ND 0.5
S100B4	07/10/1990	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	15	ND 0.5	NT	ND 0.5	NT	1.4	ND 0.5
S100B4	10/12/1990	REG	ND 0.5	1.1	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	12	NT	ND 0.5	NT	13	ND 0.5

Notes:
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S100B4	01/08/1991	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	8	ND 0.5	NT	ND 0.5	NT	9.3	ND 0.5
S100B4	04/09/1991	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	6.5	ND 0.5	NT	ND 0.5	NT	7.9	ND 0.5
S100B4	07/09/1991	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	4.8	ND 0.5	NT	ND 0.5	NT	9.8	ND 0.5
S100B4	10/10/1991	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S100B4	01/08/1992	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S100B4	04/08/1992	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	3.3	ND 0.5	NT	ND 0.5	NT	16	ND 0.5
S100B4	07/09/1992	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	18	ND 0.5
S100B4	10/08/1992	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S100B4	01/06/1993	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	16	ND 0.5
S100B4	04/13/1993	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	14	ND 0.5
S100B4	07/13/1993	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	9.2	ND 0.5
S100B4	10/11/1993	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	11	NT	ND 0.5	NT	1.4	ND 0.5
S100B4	01/19/1994	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S100B4	04/18/1994	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S100B4	07/19/1994	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S100B4	10/04/1994	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	3.3	ND 0.5
S100B4	04/18/1995	REG	0.6	ND 1	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	7.8	ND 1
S100B4	07/12/1995	REG	ND 0.5	ND 1	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 1
S100B4	10/23/1995	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S100B4	01/06/1996	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S100B4	04/02/1996	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S100B4	07/15/1996	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S100B4	10/10/1996	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	0.8	ND 0.5
S100B4	02/07/1997	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S100B4	04/11/1997	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S100B4	07/22/1997	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5

Notes:
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J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S100B4	10/16/1997	REG	ND 1	ND 2	ND 0.5	ND 2	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S100B4	06/26/1998	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S100B4	12/21/1998	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S100B4	06/10/1999	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S100B4	11/05/1999	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 1	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S100B4	04/15/2000	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S100B4	10/24/2000	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S100B4	04/27/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S100B4	10/19/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S100B4	10/24/2002	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S100B4	10/23/2003	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S100B4	10/14/2004	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S100B4	12/15/2005	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S100B4	11/06/2006	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S100B4	08/06/2007	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S100B4	10/29/2008	REG	ND 0.5	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S100B4	11/03/2009	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S100B4	11/01/2010	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S100B4	12/06/2011	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S100B4	11/29/2012	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S100B4	11/21/2013	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S100B4	11/19/2014	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S100B4	12/04/2015	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S100B4	12/07/2016	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S100B4	12/07/2017	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S100B4	11/27/2018	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.55 B	ND 0.5	ND 0.5	0.250 J	ND 0.5

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S101A	02/10/1988	REG	ND 25	27	ND 25	ND 25	NT	ND 25	ND 25	40	NT	ND 25	NT	770	ND 25
S101A	04/28/1988	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	66	NT	ND 25	NT	760	ND 25
S101A	07/26/1988	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	41	NT	ND 25	NT	750	ND 25
S101A	10/26/1988	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	38	NT	ND 25	NT	640	ND 25
S101A	02/16/1989	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	43	NT	ND 10	NT	410	ND 10
S101A	04/12/1989	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	29	NT	ND 10	NT	260	ND 10
S101A	07/28/1989	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	15	NT	ND 5	NT	310	ND 5
S101A	10/17/1989	REG	ND 10	12	ND 10	ND 10	NT	ND 10	13	63	NT	ND 10	NT	430	ND 10
S101A	03/15/1990	REG	ND 10	ND 10	ND 10	ND 10	NT	290	ND 10	63	NT	ND 10	NT	ND 10	ND 10
S101A	04/10/1990	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	50	NT	ND 5	NT	240	ND 5
S101A	07/10/1990	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	26	NT	ND 10	NT	230	ND 10
S101A	10/09/1990	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	51	NT	ND 10	NT	500	ND 10
S101A	01/09/1991	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	34	NT	ND 10	NT	330	ND 10
S101A	04/09/1991	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	30	NT	ND 10	NT	500	ND 10
S101A	07/09/1991	REG	ND 10	13	ND 10	ND 10	NT	ND 10	ND 10	170	NT	ND 10	NT	290	ND 10
S101A	10/08/1991	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	78	NT	ND 10	NT	300	ND 10
S101A	01/06/1992	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	220	NT	ND 10	NT	310	ND 10
S101A	04/10/1992	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	66	NT	ND 10	NT	270	ND 10
S101A	07/08/1992	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	64	NT	ND 10	NT	460	ND 10
S101A	10/09/1992	REG	ND 2	ND 2	ND 2	ND 2	NT	ND 2	ND 2	37	NT	ND 2	NT	230	ND 2
S101A	01/19/1993	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	23	NT	ND 5	NT	420	ND 5
S101A	04/14/1993	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	21	NT	ND 5	NT	500	ND 5
S101A	07/12/1993	REG	ND 10	120	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	470	ND 10
S101A	10/11/1993	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	35	NT	ND 10	NT	690	ND 10
S101A	01/27/1994	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	27	NT	ND 10	NT	530	ND 10
S101A	07/22/1994	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	15	NT	ND 5	NT	220	ND 5

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S101A	02/28/1995	REG	ND 10	ND 20	ND 10	ND 10	NT	ND 10	ND 10	45	NT	ND 10	NT	680	ND 20
S101A	07/13/1995	REG	ND 10	ND 20	ND 10	ND 10	NT	ND 10	ND 10	44	NT	ND 10	NT	490	ND 20
S101A	10/24/1995	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	66	NT	ND 25	NT	730	ND 25
S101A	01/23/1996	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	49	NT	ND 10	NT	560	ND 10
S101A	07/16/1996	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	49	NT	ND 10	NT	380	ND 10
S101A	02/07/1997	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	12	NT	ND 10	NT	160	ND 10
S101A	04/09/1997	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	88	NT	ND 10	NT	340	ND 10
S101A	07/28/1997	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	160	NT	ND 10	NT	550	ND 10
S101A	10/28/1997	REG	ND 5	ND 10	ND 2.5	ND 10	NT	ND 2.5	ND 2.5	130	NT	ND 2.5	NT	450	ND 2.5
S101A	04/15/1998	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	120	NT	ND 5	NT	270	ND 5
S101A	10/14/1998	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	200	NT	ND 25	NT	590	ND 25
S101A	01/22/1999	REG	ND 25	ND 25	ND 25	ND 25	ND 50	ND 25	ND 25	47	ND 250	ND 25	ND 25	180	ND 25
S101A	06/09/1999	REG	ND 5	ND 5	ND 5	ND 5	ND 10	ND 5	ND 5	31	ND 50	ND 5	ND 5	170	ND 5
S101A	09/27/1999	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 1	ND 0.5	ND 0.5	66	ND 5	2.2	ND 0.5	300	ND 0.5
S101A	04/03/2000	REG	ND 0.5	ND 5	ND 0.5	0.6	ND 0.5	ND 0.5	0.5	140	ND 5	1.4	0.7	170	ND 0.5
S101A	10/02/2000	REG	ND 1	ND 10	ND 1	ND 1	ND 1	ND 1	ND 1	130	ND 10	2.4	5.2	280	ND 1
S101A	04/02/2001	REG	ND 0.7	ND 7.1	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	69	ND 7.1	1.7	3.2	180	ND 0.7
S101A	10/01/2001	REG	ND 0.7	ND 7.1	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	57	ND 7.1	2.8	1.3	240	ND 0.7
S101A	04/16/2002	REG	ND 0.7	ND 7.1	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	30	ND 7.1	1.8	2.7	130	ND 0.7
S101A	10/03/2002	REG	ND 0.5	ND 5	ND 0.5	0.5	ND 0.5	ND 0.5	ND 0.5	91	ND 5	2.3	0.6	240	ND 0.5
S101A	04/08/2003	REG	0.7	13	ND 0.5	0.5	ND 0.5	ND 0.5	ND 0.5	57	ND 5	3.6	0.6	260	ND 0.5
S101A	10/16/2003	REG	1.3	ND 8.3	ND 0.8	ND 0.8	ND 0.8	ND 0.8	ND 0.8	64	ND 8.3	3.4	ND 0.8	240	ND 0.8
S101A	04/26/2004	REG	ND 1	ND 10	ND 1	ND 1	ND 1	ND 1	ND 1	51	ND 10	3.1	ND 1	200	ND 1
S101A	10/14/2004	REG	ND 1.7	ND 17	ND 1.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	61	ND 17	2.9	ND 1.7	180	ND 1.7
S101A	04/04/2005	REG	ND 1.3	ND 13	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	47	ND 13	3.6	ND 1.3	180	ND 1.3
S101A	11/02/2005	REG	ND 1.3	13	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	69	ND 13	3.3	ND 1.3	230	ND 1.3

Notes:
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S101A	06/26/2006	REG	ND 1.7	ND 17	ND 1.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	110	ND 17	2.8	ND 1.7	170	ND 1.7
S101A	11/01/2006	REG	ND 0.7	16	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	120	ND 7.1	3	2.2	160	ND 0.7
S101A	05/01/2007	REG	ND 1.3	17	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	110	ND 13	3.4	ND 1.3	180	ND 1.3
S101A	07/02/2007	REG	ND 1.3	47	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	130	ND 13	2.5	2	190	ND 1.3
S101A	10/30/2008	REG	6.4	220	1.3	2	ND 1.3	ND 1.3	ND 1.3	110	ND 13	4.4	ND 1.3	950	ND 1.3
S101A	05/21/2009	REG	ND 1.0	22	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	150	ND 10	3.1	2.6	180	ND 1.0
S101A	11/04/2009	REG	ND 1.0	15	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	160	ND 40	2.8	2.4	180	ND 1.0
S101A	05/07/2010	REG	ND 1.0	6	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	120	ND 40	1.9	2.7	140	ND 1.0
S101A	11/02/2010	REG	ND 1.0	7.5	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	140	ND 40	2.2	1.4	150	ND 1.0
S101A	06/02/2011	REG	ND 1.0	8.3	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	150	ND 40	2.1	1.7	120	ND 1.0
S101A	11/04/2011	REG	ND 1.0	7.1	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	180	ND 40	1.8	2.5	120	ND 1.0
S101A	06/09/2012	REG	ND 1.0	8.1	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	100	ND 40	1.9	1.4	150	ND 1.0
S101A	10/24/2012	REG	ND 1.0	ND 4.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	130	ND 40	1.8	2.3	110	ND 1.0
S101A	06/19/2013	REG	ND 1.0	7.9	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	140	ND 40	2.2	2.1	140	ND 1.0
S101A	11/05/2013	REG	ND 1.0	4.9	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	140	ND 40	2	1.7	120	ND 1.0
S101A	06/09/2014	REG	ND 1.0	5.5	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	130	ND 40	1.9	1.9	130	ND 1.0
S101A	10/30/2014	REG	ND 1.0	11	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	150	ND 40	1.9	2	130	ND 1.0
S101A	05/21/2015	REG	ND 1.3	5.6	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	140	ND 50	1.7	2.1	110	ND 1.3
S101A	10/16/2015	REG	ND 1.0	4.1	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	140	ND 40	1.7	2	100	ND 1.0
S101A	05/26/2016	REG	ND 1.0	ND 4.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	110	ND 40	1.4	2.2	83	ND 1.0
S101A	10/13/2016	REG	ND 1.0	ND 4.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	120	ND 40	1.8	1.6	110	ND 1.0
S101A	05/23/2017	REG	ND 1.0	6.3	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	130	ND 40	2	2	110	ND 1.0
S101A	10/13/2017	REG	ND 1.0	5.9	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	150	ND 40	1.7	2.3	120	ND 1.0
S101A	05/24/2018	REG	ND 1.0	10	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	170	ND 40	1.7	2.7	100	ND 1.0
S101A	10/09/2018	REG	ND 1.0	5.3	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	130	ND 40	1.1	1.9	67	ND 1.0
S101B1	09/17/1986	REG	21	NT	NT	NT	NT	NT	NT	NT	NT	24	NT	9100	NT

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S101B1	03/09/1987	REG	ND 250	2000	ND 250	ND 250	NT	ND 250	ND 250	NT	NT	ND 250	NT	20000	ND 250
S101B1	06/17/1987	REG	ND 500	1800	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	16000	ND 500
S101B1	09/26/1987	FD	800	ND 250	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	18000	ND 250
S101B1	09/26/1987	REG	950	ND 250	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	20000	ND 250
S101B1	11/30/1987	REG	700	2100	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	19000	ND 250
S101B1	02/10/1988	REG	780	2300	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	14000	ND 500
S101B1	04/28/1988	REG	710	3100	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	18000	ND 500
S101B1	07/26/1988	REG	ND 500	1300	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	14000	ND 500
S101B1	10/26/1988	REG	630	2600	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	15000	ND 500
S101B1	02/16/1989	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	10000	ND 500
S101B1	04/11/1989	REG	420	1000	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	11000	ND 250
S101B1	07/28/1989	REG	ND 500	740	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	17000	ND 500
S101B1	10/17/1989	REG	630	1100	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	12000	ND 250
S101B1	01/23/1990	REG	670	3600	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	13000	ND 250
S101B1	04/10/1990	REG	ND 250	1400	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	6300	ND 250
S101B1	07/10/1990	REG	370	880	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	11000	ND 250
S101B1	10/09/1990	REG	ND 250	1200	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	10000	ND 250
S101B1	01/09/1991	REG	ND 250	1500	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	9500	ND 250
S101B1	04/09/1991	REG	ND 250	1300	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	14000	ND 250
S101B1	07/09/1991	REG	ND 250	1400	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	11000	ND 250
S101B1	10/08/1991	REG	ND 250	950	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	12000	ND 250
S101B1	01/06/1992	REG	ND 250	1600	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	12000	ND 250
S101B1	04/10/1992	REG	330	920	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	10000	ND 50
S101B1	07/08/1992	REG	370	1600	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	8900	ND 50
S101B1	10/09/1992	REG	1600	3300	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	21000	ND 250
S101B1	01/18/1993	REG	510	2200	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	16000	ND 500

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S101B1	04/14/1993	REG	ND 500	1400	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	11000	ND 500
S101B1	07/12/1993	REG	ND 500	1500	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	11000	ND 500
S101B1	10/11/1993	REG	ND 250	11000	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	25000	ND 250
S101B1	01/20/1994	REG	ND 250	1200	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	8800	ND 250
S101B1	04/19/1994	REG	ND 250	1400	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	8000	ND 250
S101B1	07/22/1994	REG	ND 100	1200	ND 100	110	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	5900	ND 100
S101B1	10/04/1994	REG	ND 250	1400	ND 250	300	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	11000	ND 250
S101B1	04/21/1995	REG	160	1000	120	120	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	5900	ND 200
S101B1	07/13/1995	REG	ND 100	1000	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	5300	ND 200
S101B1	10/24/1995	REG	300	1100	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	5200	ND 100
S101B1	01/17/1996	REG	660	2500	ND 100	160	NT	ND 100	ND 100	110	NT	ND 100	NT	10000	ND 100
S101B1	04/04/1996	REG	830	2000	ND 100	110	NT	ND 100	ND 100	130	NT	ND 100	NT	7600	ND 100
S101B1	07/16/1996	REG	240	1200	ND 200	ND 200	NT	ND 200	ND 200	ND 200	NT	ND 200	NT	6400	ND 200
S101B1	10/10/1996	REG	230	1300	ND 200	ND 200	NT	ND 200	ND 200	ND 200	NT	ND 200	NT	6000	ND 200
S101B1	02/03/1997	REG	280	1500	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	6600	ND 250
S101B1	04/09/1997	REG	240	1300	ND 200	ND 200	NT	ND 200	ND 200	ND 200	NT	ND 200	NT	6400	ND 200
S101B1	07/28/1997	REG	ND 250	1500	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	6300	ND 250
S101B1	10/27/1997	REG	57	660	ND 25	ND 100	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	5000	ND 25
S101B1	04/15/1998	REG	ND 100	860	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	4200	ND 100
S101B1	10/14/1998	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	4800	ND 500
S101B1	01/22/1999	REG	ND 250	770	ND 250	ND 250	ND 500	ND 250	ND 250	ND 250	ND 2500	ND 250	ND 250	4900	ND 250
S101B1	06/09/1999	REG	ND 250	340	ND 250	ND 250	ND 500	ND 250	ND 250	ND 250	ND 2500	ND 250	ND 250	4300	ND 250
S101B1	09/22/1999	REG	8	490	ND 5	15	ND 10	ND 5	ND 5	32	ND 50	8	ND 5	3900	ND 5
S101B1	04/03/2000	REG	16	420	ND 13	ND 13	ND 13	ND 13	ND 13	39	ND 130	ND 13	ND 13	3700	ND 13
S101B1	10/02/2000	REG	ND 10	310	ND 10	ND 10	ND 10	ND 10	ND 10	33	ND 100	ND 10	ND 10	2400	ND 10
S101B1	04/02/2001	REG	ND 8.3	350	ND 8.3	ND 8.3	ND 8.3	ND 8.3	ND 8.3	43	ND 83	ND 8.3	ND 8.3	2400	ND 8.3

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S101B1	10/01/2001	REG	ND 8.3	300	ND 8.3	ND 8.3	ND 8.3	ND 8.3	ND 8.3	44	ND 83	ND 8.3	ND 8.3	1800	ND 8.3
S101B1	04/16/2002	REG	ND 17	680	ND 17	ND 17	ND 17	ND 17	ND 17	44	ND 170	ND 17	ND 17	4000	ND 17
S101B1	10/03/2002	REG	18	990	ND 17	ND 17	ND 17	ND 17	ND 17	55	ND 170	ND 17	ND 17	4600	ND 17
S101B1	04/08/2003	REG	28	450	ND 8.3	19	ND 8.3	ND 8.3	ND 8.3	80	ND 83	ND 8.3	ND 8.3	3100	ND 8.3
S101B1	10/16/2003	REG	9.7	130	ND 3.6	3.6	ND 3.6	ND 3.6	ND 3.6	53	ND 36	ND 3.6	ND 3.6	1200	ND 3.6
S101B1	04/26/2004	REG	6.7	440	ND 4.2	5.1	ND 4.2	ND 4.2	ND 4.2	37	ND 42	8.8	ND 4.2	2800	ND 4.2
S101B1	10/14/2004	REG	ND 20	570	ND 20	ND 20	ND 20	ND 20	ND 20	ND 20	ND 200	ND 20	ND 20	3300	ND 20
S101B1	04/04/2005	REG	ND 20	390	ND 20	ND 20	ND 20	ND 20	ND 20	33	ND 200	20	ND 20	2700	ND 20
S101B1	11/02/2005	REG	ND 7.1	380	ND 7.1	ND 7.1	ND 7.1	ND 7.1	ND 7.1	43	ND 71	ND 17	ND 7.1	2300	ND 7.1
S101B1	06/26/2006	REG	ND 17	560	ND 17	ND 17	ND 17	ND 17	ND 17	41	ND 170	ND 17	ND 17	2600	ND 17
S101B1	11/01/2006	REG	ND 25	550	ND 25	ND 25	ND 25	ND 25	ND 25	37	ND 250	ND 25	ND 25	2700	ND 25
S101B1	05/01/2007	REG	ND 17	630	ND 17	ND 17	ND 17	ND 17	ND 17	36	ND 170	23	ND 17	2600	ND 17
S101B1	07/02/2007	REG	ND 20	470	ND 20	ND 20	ND 20	ND 20	ND 20	41	ND 200	ND 20	ND 20	2300	ND 20
S101B1	10/30/2008	REG	ND 20	530	ND 20	ND 20	ND 20	ND 20	ND 20	31	ND 200	ND 20	ND 20	2900	ND 20
S101B1	05/21/2009	REG	ND 20	380	ND 20	ND 20	ND 20	ND 20	ND 20	32	ND 200	ND 20	ND 20	2000	ND 20
S101B1	11/04/2009	REG	ND 13	250	ND 13	ND 13	ND 13	ND 13	ND 13	47	ND 500	ND 13	ND 13	1800	ND 13
S101B1	05/07/2010	REG	ND 13	150	ND 13	ND 13	ND 13	ND 13	ND 13	36	ND 500	ND 13	ND 13	1500	ND 13
S101B1	11/02/2010	REG	ND 13	220	ND 13	ND 13	ND 13	ND 13	ND 13	51	ND 500	ND 13	ND 13	1600	ND 13
S101B1	06/02/2011	REG	ND 13	400	ND 13	ND 13	ND 13	ND 13	ND 13	31	ND 500	ND 13	ND 13	1700	ND 13
S101B1	11/04/2011	REG	ND 13	300	ND 13	ND 13	ND 13	ND 13	ND 13	50	ND 500	ND 13	ND 13	1500	ND 13
S101B1	06/11/2012	REG	ND 13	350	ND 13	ND 13	ND 13	ND 13	ND 13	35	ND 500	ND 13	ND 13	1300	ND 13
S101B1	10/24/2012	REG	ND 5.0	68	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 200	ND 5.0	ND 5.0	680	ND 5.0
S101B1	06/19/2013	REG	ND 5.0	370	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	36	ND 200	5.2	ND 5.0	1600	ND 5.0
S101B1	11/05/2013	REG	ND 10	200	ND 10	ND 10	ND 10	ND 10	ND 10	31	ND 400	ND 10	ND 10	1000	ND 10
S101B1	06/09/2014	REG	ND 8.3	270	ND 8.3	ND 8.3	ND 8.3	ND 8.3	ND 8.3	30	ND 330	ND 8.3	ND 8.3	1300	ND 8.3
S101B1	10/30/2014	REG	ND 8.3	350	ND 8.3	ND 8.3	ND 8.3	ND 8.3	ND 8.3	36	ND 330	ND 8.3	ND 8.3	1500	ND 8.3

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S101B1	05/21/2015	REG	ND 10	260	ND 10	ND 10	ND 10	ND 10	ND 10	39	ND 400	ND 10	ND 10	1400	ND 10
S101B1	10/15/2015	REG	ND 10	220	ND 10	ND 10	ND 10	ND 10	ND 10	36	ND 400	ND 10	ND 10	1100	ND 10
S101B1	05/26/2016	REG	ND 8.3	150	ND 8.3	ND 8.3	ND 8.3	ND 8.3	ND 8.3	34	ND 330	ND 8.3	ND 8.3	960	ND 8.3
S101B1	10/13/2016	REG	ND 7.1	180	ND 7.1	ND 7.1	ND 7.1	ND 7.1	ND 7.1	26	ND 290	ND 7.1	ND 7.1	1100	ND 7.1
S101B1	05/23/2017	REG	ND 7.1	200	ND 7.1	ND 7.1	ND 7.1	ND 7.1	ND 7.1	34	ND 290	ND 7.1	ND 7.1	1100	ND 7.1
S101B1	10/13/2017	REG	ND 7.1	190	ND 7.1	ND 7.1	ND 7.1	ND 7.1	ND 7.1	30	ND 290	ND 7.1	ND 7.1	1300	ND 7.1
S101B1	05/24/2018	REG	ND 7.1	250	ND 7.1	ND 7.1	ND 7.1	ND 7.1	ND 7.1	33	ND 290	ND 7.1	ND 7.1	1300	ND 7.1
S101B1	10/09/2018	REG	ND 7.1	97	ND 7.1	ND 7.1	ND 7.1	ND 7.1	ND 7.1	20	ND 290	ND 7.1	ND 7.1	830	ND 7.1
S101B3	09/09/1986	REG	ND 20	6300	ND 20	ND 20	NT	ND 20	ND 20	ND 20	NT	20	NT	14000	ND 70
S101B3	10/16/1986	REG	18	NT	NT	NT	NT	NT	NT	NT	NT	50	NT	25000	NT
S101B3	11/17/1986	FD	6.6	NT	NT	NT	NT	NT	NT	NT	NT	8.6	NT	6100	NT
S101B3	11/17/1986	REG	16	NT	NT	NT	NT	NT	NT	NT	NT	39	NT	16000	NT
S101B3	03/10/1987	REG	ND 250	15000	ND 250	ND 250	NT	ND 250	ND 250	NT	NT	ND 250	NT	5700	ND 250
S101B3	06/18/1987	FD	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	800	NT	ND 25	NT	ND 25	ND 25
S101B3	06/18/1987	REG	ND 100	9600	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	5800	ND 100
S101B3	10/01/1987	REG	ND 250	6000	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	3700	ND 250
S101B3	12/03/1987	FD	ND 100	2800	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	3300	ND 100
S101B3	12/03/1987	REG	ND 100	2600	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	3600	ND 100
S101B3	02/16/1988	REG	ND 0.5	1.4	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	6	ND 0.5
S101B3	04/29/1988	REG	ND 10	100	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	140	ND 10
S101B3	07/26/1988	REG	ND 10	550	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	530	ND 10
S101B3	10/31/1988	REG	ND 25	1600	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	1200	ND 25
S101B3	02/24/1989	REG	ND 2.5	170	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	93	ND 2.5
S101B3	04/19/1989	REG	ND 25	860	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	670	ND 25
S101B3	08/11/1989	REG	ND 25	1000	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	1100	ND 25
S101B3	10/18/1989	REG	ND 25	210	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	570	ND 25

Notes:
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J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S101B3	01/29/1990	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1200	ND 50
S101B3	04/10/1990	REG	ND 50	500	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	780	ND 50
S101B3	07/13/1990	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	29	ND 2.5
S101B3	10/11/1990	REG	ND 5	81	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	740	ND 5
S101B3	01/09/1991	REG	ND 10	97	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	810	ND 10
S101B3	04/10/1991	REG	ND 10	100	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	640	ND 10
S101B3	07/11/1991	REG	ND 10	54	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	670	ND 10
S101B3	10/10/1991	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	20	ND 0.5
S101B3	01/09/1992	REG	ND 2.5	13	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	240	ND 2.5
S101B3	04/09/1992	REG	ND 10	70	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	730	ND 10
S101B3	07/10/1992	REG	ND 10	60	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	600	ND 10
S101B3	10/09/1992	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	9.9	ND 0.5
S101B3	01/08/1993	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	12	ND 0.5
S101B3	04/12/1993	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	130	ND 5
S101B3	07/13/1993	REG	ND 5	42	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	430	ND 5
S101B3	10/12/1993	REG	ND 5	34	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	410	ND 5
S101B3	01/20/1994	REG	ND 5	34	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	390	ND 5
S101B3	04/18/1994	REG	ND 5	14	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	170	ND 5
S101B3	07/19/1994	REG	ND 5	55	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	380	ND 5
S101B3	10/04/1994	REG	ND 5	34	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	370	ND 5
S101B3	01/05/1995	REG	ND 5	30	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	390	ND 10
S101B3	04/18/1995	REG	ND 5	16	ND 5	8.2	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	170	ND 10
S101B3	07/14/1995	REG	ND 5	26	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	310	ND 10
S101B3	10/24/1995	REG	ND 10	16	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	280	ND 10
S101B3	01/03/1996	REG	ND 1	1	ND 1	ND 1	NT	ND 1	ND 1	ND 1	NT	ND 1	NT	29	ND 1
S101B3	04/02/1996	REG	ND 5	22	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	240	ND 5

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S101B3	07/16/1996	REG	ND 5	6	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	170	ND 5
S101B3	10/10/1996	REG	ND 5	14	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	210	ND 5
S101B3	02/07/1997	REG	ND 5	8	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	170	ND 5
S101B3	04/11/1997	REG	ND 5	9	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	160	ND 5
S101B3	07/23/1997	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	180	ND 10
S101B3	10/17/1997	REG	ND 1	3.2	ND 0.5	ND 2	NT	ND 0.5	ND 0.5	0.7	NT	ND 0.5	NT	160	ND 0.5
S101B3	06/26/1998	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	5.7	ND 0.5
S101B3	12/17/1998	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	0.9	ND 0.5
S101B3	06/15/1999	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	0.9	ND 0.5
S101B3	11/05/1999	REG	ND 0.5	6.6	ND 0.5	ND 0.5	2	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	250	ND 0.5
S101B3	04/15/2000	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	47	ND 0.5
S101B3	11/01/2000	REG	ND 0.5	5.4	ND 0.5	ND 0.5	0.8	ND 0.5	ND 0.5	0.6	ND 5	ND 0.5	ND 0.5	120	ND 0.5
S101B3	04/19/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	0.9	ND 0.5	ND 0.5	0.6	ND 5	ND 0.5	ND 0.5	110	ND 0.5
S101B3	10/18/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	0.8	ND 0.5	ND 0.5	0.6	ND 5	ND 0.5	ND 0.5	120	ND 0.5
S101B3	10/21/2002	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	0.9	ND 0.5	ND 0.5	0.7	ND 5	ND 0.5	ND 0.5	150	ND 0.5
S101B3	10/24/2003	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	1	ND 0.5	ND 0.5	0.6	ND 5	ND 0.5	ND 0.5	120	ND 0.5
S101B3	10/19/2004	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	39	ND 0.5
S101B3	12/15/2005	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	0.8	ND 0.5	ND 0.5	0.6	ND 5	ND 0.5	ND 0.5	96	ND 0.5
S101B3	11/06/2006	REG	ND 0.5	5.7	ND 0.5	ND 0.5	0.9	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	88	ND 0.5
S101B3	08/08/2007	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	0.7	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	91	ND 0.5
S101B3	10/29/2008	REG	ND 0.7	ND 7.1	ND 0.7	ND 0.7	0.8	ND 0.7	ND 0.7	ND 0.7	ND 7.1	ND 0.7	ND 0.7	94	ND 0.7
S101B3	11/03/2009	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	58	ND 0.5
S101B3	11/01/2010	REG	ND 0.5	2	ND 0.5	ND 0.5	0.7	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	62	ND 0.5
S101B3	12/06/2011	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	48	ND 0.5
S101B3	11/29/2012	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	4.3	ND 0.5
S101B3	11/21/2013	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	5.3	ND 0.5

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S101B3	11/19/2014	REG	ND 0.5	3.4	ND 0.5	ND 0.5	0.7	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	62	ND 0.5
S101B3	12/04/2015	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	36	ND 0.5
S101B3	12/07/2016	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	0.7	ND 0.5
S101B3	12/07/2017	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	35	ND 0.5
S101B3	11/27/2018	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.210 J	0.74 B	ND 0.5	ND 0.5	1.6	ND 0.5
S101B4	01/23/1990	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	8.6	ND 0.5	NT	ND 0.5	NT	0.7	ND 0.5
S101B4	04/11/1990	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	7.7	ND 0.5	NT	ND 0.5	NT	3.2	ND 0.5
S101B4	07/10/1990	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	7	ND 0.5	NT	ND 0.5	NT	2.8	ND 0.5
S101B4	10/11/1990	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	3.4	ND 0.5	NT	ND 0.5	NT	4.9	ND 0.5
S101B4	01/08/1991	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	3.3	ND 0.5	NT	ND 0.5	NT	2	ND 0.5
S101B4	04/09/1991	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	2.2	ND 0.5	NT	ND 0.5	NT	1.6	ND 0.5
S101B4	07/09/1991	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	1.6	ND 0.5	NT	ND 0.5	NT	1.6	ND 0.5
S101B4	10/09/1991	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S101B4	01/08/1992	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S101B4	04/08/1992	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	1	ND 0.5	NT	ND 0.5	NT	1.5	ND 0.5
S101B4	07/09/1992	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	0.9	ND 0.5	NT	ND 0.5	NT	1.3	ND 0.5
S101B4	10/08/1992	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S101B4	01/05/1993	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S101B4	04/12/1993	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	1.4	ND 0.5
S101B4	07/12/1993	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	1.3	ND 0.5
S101B4	10/11/1993	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	0.9	ND 0.5
S101B4	01/19/1994	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S101B4	04/18/1994	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S101B4	07/19/1994	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S101B4	10/04/1994	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	0.9	ND 0.5
S101B4	01/04/1995	REG	ND 0.5	ND 1	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 1

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S101B4	04/18/1995	REG	ND 0.5	ND 1	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	0.6	ND 1
S101B4	07/12/1995	REG	ND 0.5	ND 1	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 1
S101B4	10/24/1995	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S101B4	01/06/1996	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S101B4	04/02/1996	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S101B4	07/16/1996	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S101B4	10/10/1996	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S101B4	02/07/1997	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S101B4	04/11/1997	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S101B4	07/22/1997	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S101B4	10/16/1997	REG	ND 1	ND 2	ND 0.5	ND 2	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S101B4	06/26/1998	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S101B4	06/10/1999	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S101B4	11/05/1999	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 1	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S101B4	04/15/2000	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S101B4	10/25/2000	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S101B4	04/27/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S101B4	10/19/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S101B4	10/24/2002	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S101B4	10/23/2003	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S101B4	10/18/2004	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S101B4	12/15/2005	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S101B4	11/06/2006	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S101B4	08/06/2007	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S101B4	10/29/2008	REG	ND 0.5	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S101B4	11/03/2009	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S101B4	11/01/2010	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	1.3	ND 0.5
S101B4	12/06/2011	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	0.7	ND 0.5
S101B4	11/29/2012	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S101B4	11/21/2013	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S101B4	11/19/2014	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S101B4	12/04/2015	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S101B4	12/07/2016	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S101B4	12/07/2017	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S101B4	12/07/2017	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S101B4	11/27/2018	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.97 B	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S111B1	09/15/1986	REG	0.39	NT	NT	NT	NT	NT	NT	NT	NT	1.5	NT	840	NT
S111B1	03/16/1987	REG	ND 25	160	ND 25	ND 25	NT	ND 25	ND 25	NT	NT	ND 25	NT	2500	ND 25
S111B1	06/23/1987	REG	ND 250	1200	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	9400	ND 250
S111B1	09/30/1987	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1200	ND 50
S111B1	12/02/1987	REG	ND 50	1000	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	6200	ND 50
S111B1	02/11/1988	REG	ND 100	630	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	2800	ND 100
S111B1	04/26/1988	REG	ND 100	580	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	3600	ND 100
S111B1	07/28/1988	REG	ND 100	390	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	3000	ND 100
S111B1	10/22/1988	REG	ND 100	1200	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	5200	ND 100
S111B1	02/10/1989	REG	ND 100	110	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	2400	ND 100
S111B1	04/13/1989	REG	ND 50	460	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	2800	ND 50
S111B1	08/03/1989	REG	ND 50	220	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	2100	ND 50
S111B1	10/10/1989	REG	ND 50	440	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	2600	ND 50
S111B1	01/31/1990	REG	ND 50	360	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1200	ND 50
S111B1	04/12/1990	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	840	ND 50
S111B1	07/11/1990	REG	ND 50	360	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	2400	ND 50

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S111B1	10/11/1990	REG	ND 100	ND 100	ND 100	290	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	3000	ND 100
S111B1	01/10/1991	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	1900	ND 100
S111B1	04/11/1991	REG	ND 50	340	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	2700	ND 50
S111B1	07/12/1991	REG	ND 50	250	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	2400	ND 50
S111B1	10/10/1991	REG	ND 50	400	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	4200	ND 50
S111B1	01/10/1992	REG	ND 50	550	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	3100	ND 50
S111B1	04/10/1992	REG	ND 50	270	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	2400	ND 50
S111B1	07/10/1992	REG	ND 25	570	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	3700	ND 25
S111B1	01/11/1993	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	2200	ND 50
S111B1	07/14/1993	REG	ND 50	560	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	3400	ND 50
S111B1	01/20/1994	REG	ND 50	330	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	2900	ND 50
S111B1	01/13/1995	REG	ND 50	260	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1900	ND 100
S111B1	01/11/1996	REG	ND 50	60	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1100	ND 50
S111B1	02/04/1997	REG	ND 50	340	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	2500	ND 50
S111B1	10/23/1997	REG	ND 10	160	ND 5	ND 20	NT	ND 5	ND 5	32	NT	ND 5	NT	1800	ND 5
S111B1	06/24/1998	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1100	ND 50
S111B1	06/16/1999	REG	ND 50	160	ND 50	ND 50	NT	ND 50	ND 50	51	NT	ND 50	NT	2000	ND 50
S111B1	11/08/1999	REG	ND 50	ND 50	ND 50	ND 50	ND 100	ND 50	ND 50	ND 50	ND 500	ND 50	ND 50	1200	ND 50
S111B1	04/20/2000	REG	ND 6.3	280	ND 6.3	ND 6.3	ND 6.3	ND 6.3	ND 6.3	56	ND 63	7	ND 6.3	2000	ND 6.3
S111B1	10/30/2000	REG	ND 4.2	ND 42	ND 4.2	ND 4.2	ND 4.2	ND 4.2	ND 4.2	46	ND 42	ND 4.2	5	690	ND 4.2
S111B1	04/30/2001	REG	ND 4.2	100	ND 4.2	ND 4.2	ND 4.2	ND 4.2	ND 4.2	98	ND 42	ND 4.2	ND 4.2	1300	ND 4.2
S111B1	10/26/2001	REG	ND 4.2	53	ND 4.2	ND 4.2	ND 4.2	ND 4.2	ND 4.2	97	ND 42	ND 4.2	9.1	960	ND 4.2
S111B1	10/24/2002	REG	ND 6.3	160	ND 6.3	ND 6.3	ND 6.3	ND 6.3	ND 6.3	87	ND 63	ND 6.3	ND 6.3	1400	ND 6.3
S111B1	10/27/2003	REG	ND 4.2	ND 42	ND 4.2	ND 4.2	ND 4.2	ND 4.2	ND 4.2	200	ND 42	ND 4.2	5.2	960	ND 4.2
S111B1	10/12/2004	FD	ND 6.3	170	ND 6.3	ND 6.3	ND 6.3	ND 6.3	ND 6.3	140	ND 63	ND 6.3	15	1000	ND 6.3
S111B1	10/12/2004	REG	ND 6.3	90	ND 6.3	ND 6.3	ND 6.3	ND 6.3	ND 6.3	120	ND 63	ND 6.3	14	770	ND 6.3

Notes:
B – Analyte was present in an associated method blank
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S111B1	11/08/2005	FD	ND 5	160	ND 5	ND 5	ND 5	ND 5	ND 5	150	ND 50	ND 5	ND 5	1000	ND 5
S111B1	11/08/2005	REG	ND 7.1	120	ND 7.1	ND 7.1	ND 7.1	ND 7.1	ND 7.1	150	ND 71	ND 7.1	ND 7.1	1100	ND 7.1
S111B1	12/04/2006	FD	ND 10	100	ND 10	ND 10	ND 10	ND 10	ND 10	160	ND 100	ND 10	ND 10	910	ND 10
S111B1	12/04/2006	REG	ND 7.1	110	ND 7.1	ND 7.1	ND 7.1	ND 7.1	ND 7.1	150	ND 71	ND 7.1	8.2	900	ND 7.1
S111B1	07/26/2007	FD	ND 6.3	100	ND 6.3	ND 6.3	ND 6.3	ND 6.3	ND 6.3	130	ND 63	ND 6.3	ND 6.3	730	ND 6.3
S111B1	07/26/2007	REG	ND 7.1	100	ND 7.1	ND 7.1	ND 7.1	ND 7.1	ND 7.1	140	ND 71	ND 7.1	ND 7.1	730	ND 7.1
S111B1	10/28/2008	FD	ND 2.0	48	ND 2.0	ND 2.0	ND 2.0	ND 2.0	ND 2.0	190	ND 20	ND 2.0	ND 2.0	530	ND 2.0
S111B1	10/28/2008	REG	ND 3.6	49	ND 3.6	ND 3.6	ND 3.6	ND 3.6	ND 3.6	200	ND 36	ND 3.6	ND 3.6	510	ND 3.6
S111B1	10/22/2009	FD	ND 4.2	100	ND 4.2	ND 4.2	ND 4.2	ND 4.2	ND 4.2	170	ND 170	ND 4.2	6.2	930	ND 4.2
S111B1	10/22/2009	REG	ND 3.6	75	ND 3.6	4.2	ND 3.6	ND 3.6	ND 3.6	140	ND 140	ND 3.6	4.3	810	ND 3.6
S111B1	10/25/2010	FD	ND 6.3	ND 25	ND 6.3	ND 6.3	ND 6.3	ND 6.3	ND 6.3	670	ND 250	ND 6.3	ND 6.3	380	ND 6.3
S111B1	10/25/2010	REG	ND 7.1	ND 29	ND 7.1	ND 7.1	ND 7.1	ND 7.1	ND 7.1	790	ND 290	ND 7.1	ND 7.1	410	ND 7.1
S111B1	12/05/2011	REG	ND 3.1	ND 13	ND 3.1	ND 3.1	ND 3.1	ND 3.1	ND 3.1	420	ND 130	ND 3.1	ND 3.1	220	ND 3.1
S111B1	11/09/2012	REG	ND 3.1	ND 13	ND 3.1	ND 3.1	ND 3.1	ND 3.1	ND 3.1	410	ND 130	ND 3.1	11	240	ND 3.1
S111B1	11/18/2013	REG	ND 3.1	ND 13	ND 3.1	ND 3.1	ND 3.1	ND 3.1	ND 3.1	720	ND 130	ND 3.1	3.8	350	ND 3.1
S111B1	11/15/2014	REG	ND 5.0	ND 20	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	460	ND 200	ND 5.0	ND 5.0	330	ND 5.0
S111B1	12/01/2015	REG	ND 3.6	ND 14	ND 3.6	ND 3.6	ND 3.6	ND 3.6	ND 3.6	430	ND 140	ND 3.6	4.6	280	ND 3.6
S111B1	11/20/2016	REG	ND 2.5	ND 10	ND 2.5	ND 2.5	ND 2.5	ND 2.5	ND 2.5	380	ND 100	ND 2.5	2.9	240	ND 2.5
S111B1	11/05/2017	REG	ND 2.5	ND 10	ND 2.5	ND 2.5	ND 2.5	ND 2.5	ND 2.5	300	ND 100	ND 2.5	5.2	190	ND 2.5
S111B1	11/14/2018	REG	ND 0.5	0.878	0.203 J	0.702	ND 0.5	ND 0.5	ND 0.5	320	ND 0.5	ND 0.5	2	220	ND 0.5
S133B1	01/24/1990	REG	ND 2.5	8.9	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	120	ND 2.5
S133B1	04/10/1990	REG	ND 2.5	17	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	NT	42	ND 2.5
S133B1	07/11/1990	REG	ND 5	41	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	210	ND 5
S133B1	10/10/1990	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	5.3	ND 0.5
S133B1	01/09/1991	REG	ND 0.5	2	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	7.9	ND 0.5
S133B1	04/10/1991	REG	ND 0.5	2.3	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	16	ND 0.5

Notes:
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APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S133B1	07/10/1991	REG	ND 0.5	2.6	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	20	ND 0.5
S133B1	10/08/1991	REG	ND 0.5	12	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	26	ND 0.5
S133B1	01/07/1992	REG	ND 0.5	14	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	34	ND 0.5
S133B1	04/07/1992	REG	ND 0.5	11	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	23	ND 0.5
S133B1	07/08/1992	REG	ND 0.5	3	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	11	ND 0.5
S133B1	01/05/1993	REG	ND 0.5	1.1	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	0.9	ND 0.5
S133B1	07/12/1993	REG	ND 0.5	3.8	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	0.5	ND 0.5
S133B1	01/17/1994	REG	ND 0.5	2.7	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	1	ND 0.5
S133B1	07/18/1994	REG	ND 0.5	7.2	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	2.9	ND 0.5
S133B1	01/05/1995	REG	ND 0.5	5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	3.3	ND 1
S133B1	07/11/1995	REG	ND 0.5	3	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	2.4	ND 1
S133B1	10/23/1995	REG	ND 0.5	4	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 8	ND 0.5
S133B1	01/04/1996	REG	ND 0.5	2.7	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	3.8	ND 0.5
S133B1	07/09/1996	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	4	ND 0.5
S133B1	01/28/1997	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	1.2	ND 0.5
S133B1	07/22/1997	REG	ND 0.5	5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	4	ND 0.5
S133B1	10/21/1997	REG	ND 1	14	ND 0.5	ND 2	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	4.8	ND 0.5
S133B1	06/29/1998	REG	ND 0.5	4.8	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	4.6	ND 0.5
S133B1	12/21/1998	REG	ND 0.5	4.3	ND 0.5	ND 0.5	NT	0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	3.1	ND 0.5
S133B1	06/11/1999	REG	ND 0.5	6.7	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	4.1	ND 0.5
S133B1	11/11/1999	REG	ND 0.5	5.4	ND 0.5	ND 0.5	ND 1	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	2.9	ND 0.5
S133B1	04/17/2000	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	2.4	ND 0.5
S133B1	10/24/2000	REG	ND 0.5	5.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	1.5	ND 0.5
S133B1	04/20/2001	REG	ND 0.5	7.1	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	2	ND 0.5
S133B1	10/23/2001	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	2.1	ND 0.5
S133B1	10/19/2002	REG	ND 0.5	5.7	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	2.5	ND 0.5

Notes:
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J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S133B1	10/22/2003	REG	0.7	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	2.4	ND 0.5
S133B1	10/08/2004	REG	ND 0.5	8.9	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	2.1	ND 0.5
S133B1	12/21/2005	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	2	ND 0.5
S133B1	11/07/2006	REG	ND 0.5	5.6	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	2	ND 0.5
S133B1	07/24/2007	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	1.9	ND 0.5
S133B1	10/22/2008	REG	ND 0.5	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5.0	ND 0.5	ND 0.5	3.2	ND 0.5
S133B1	10/28/2009	REG	ND 0.5	3.2	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	2.2	ND 0.5
S133B1	10/26/2010	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	6.1	ND 0.5
S133B1	12/01/2011	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	7	ND 0.5
S133B1	11/06/2012	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	6.7	ND 0.5
S133B1	11/18/2013	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	7.2	ND 0.5
S133B1	11/12/2014	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	5.5	ND 0.5
S133B1	11/30/2015	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	4.7	ND 0.5
S133B1	11/17/2016	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	5	ND 0.5
S133B1	10/25/2017	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	3	ND 0.5
S133B1	11/14/2018	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.69	0.44 JB	ND 0.5	ND 0.5	3.1	ND 0.5
S134A	01/24/1990	REG	ND 0.5	ND 0.5	9.4	ND 0.5	NT	ND 0.5	ND 0.5	9	NT	ND 0.5	NT	7	ND 0.5
S134A	04/10/1990	REG	ND 5	ND 5	9.6	ND 5	NT	ND 5	ND 5	11	NT	ND 5	NT	11	ND 5
S134A	07/10/1990	REG	1	ND 0.5	15	10	NT	ND 0.5	ND 0.5	13	NT	2.8	NT	18	ND 0.5
S134A	10/09/1990	REG	ND 0.5	ND 0.5	17	4.3	NT	ND 0.5	ND 0.5	14	NT	4	NT	19	ND 0.5
S134A	01/08/1991	REG	0.7	ND 0.5	19	5.3	NT	ND 0.5	ND 0.5	15	NT	3.2	NT	17	ND 0.5
S134A	04/09/1991	REG	2.5	1.1	29	5.1	NT	ND 0.5	ND 0.5	27	NT	11	NT	62	1.3
S134A	07/10/1991	REG	ND 0.5	ND 0.5	0.9	ND 0.5	NT	ND 0.5	ND 0.5	1.3	NT	ND 0.5	NT	2.8	ND 0.5
S134A	10/08/1991	REG	ND 0.5	ND 0.5	40	7.4	NT	ND 0.5	ND 0.5	29	NT	6.1	NT	27	1
S134A	01/07/1992	REG	ND 0.5	ND 0.5	28	8.6	NT	ND 0.5	ND 0.5	25	NT	7	NT	35	ND 0.5
S134A	04/07/1992	REG	1.4	ND 0.5	23	3.6	NT	ND 0.5	ND 0.5	24	NT	6.9	NT	30	0.6

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S134A	07/08/1992	REG	ND 0.5	ND 0.5	2	ND 0.5	NT	ND 0.5	ND 0.5	3.4	NT	ND 0.5	NT	1.6	ND 0.5
S134A	01/05/1993	REG	ND 0.5	ND 0.5	18	ND 0.5	NT	ND 0.5	ND 0.5	26	NT	ND 0.5	NT	13	ND 0.5
S134A	07/12/1993	REG	ND 5	ND 5	37	5.1	NT	ND 5	ND 5	49	NT	12	NT	170	ND 5
S134A	01/18/1994	REG	ND 5	ND 5	29	ND 5	NT	ND 5	ND 5	85	NT	6.2	NT	79	ND 5
S134A	07/19/1994	REG	ND 0.5	ND 0.5	6.6	0.5	NT	ND 0.5	ND 0.5	29	NT	1.5	NT	13	ND 0.5
S134A	01/06/1995	REG	ND 5	ND 10	24	ND 5	NT	ND 5	ND 5	61	NT	ND 5	NT	64	ND 10
S134A	07/12/1995	REG	ND 5	ND 10	ND 5	ND 5	NT	ND 5	ND 5	22	NT	28	NT	120	ND 10
S134A	10/24/1995	REG	8	ND 5	12	ND 5	NT	ND 5	ND 5	40	NT	31	NT	210	ND 5
S134A	01/10/1996	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	17	NT	21	NT	110	ND 5
S134A	07/10/1996	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	4.5	NT	17	NT	59	ND 2.5
S134A	01/30/1997	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	6	NT	30	ND 5
S134A	07/23/1997	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	11	NT	15	NT	56	ND 2.5
S134A	10/21/1997	REG	2	7	1.7	ND 2	NT	ND 0.5	ND 0.5	6.5	NT	14	NT	54	ND 0.5
S134A	06/29/1998	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	14	NT	50	ND 5
S134A	12/21/1998	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	17	NT	56	ND 10
S134A	06/14/1999	REG	ND 2.5	ND 2.5	ND 2.5	ND 2.5	NT	ND 2.5	ND 2.5	ND 2.5	NT	8.4	NT	48	ND 2.5
S134A	11/04/1999	REG	1	ND 0.5	0.5	ND 0.5	ND 1	ND 0.5	ND 0.5	2.2	ND 5	13	ND 0.5	52	ND 0.5
S134A	04/05/2000	REG	0.9	ND 5	1.1	0.7	ND 0.5	ND 0.5	ND 0.5	3.1	ND 5	11	ND 0.5	42	ND 0.5
S134A	10/25/2000	REG	0.9	ND 5	1.4	ND 0.5	ND 0.5	ND 0.5	ND 0.5	2.3	ND 5	11	ND 0.5	42	ND 0.5
S134A	04/20/2001	REG	1.9	ND 5	2.6	1.1	ND 0.5	ND 0.5	ND 0.5	6	ND 5	8.7	ND 0.5	39	ND 0.5
S134A	10/22/2001	REG	4.4	ND 5	3	0.8	0.6	ND 0.5	ND 0.5	11	ND 5	14	ND 0.5	52	2.6
S134A	10/21/2002	REG	12	ND 5	6	1.5	1	ND 0.5	ND 0.5	60	ND 5	15	ND 0.5	46	14
S134A	10/17/2003	REG	11	ND 5	7.7	2.4	1.2	ND 0.5	ND 0.5	110	ND 5	14	0.8	34	24
S134A	10/12/2004	REG	12	ND 5	6.8	1.9	2.4	ND 0.5	ND 0.5	84	ND 5	25	0.8	52	25
S134A	12/21/2005	REG	5.2	9.7	6.2	3.7	3.9	ND 0.5	ND 0.5	120	ND 5	7.4	0.9	30	4.8
S134A	11/03/2006	REG	3.2	33	5.6	3.5	7.2	ND 0.7	ND 0.7	99	ND 7.1	7	1.1	83	6.4

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S134A	07/12/2007	REG	1	ND 7.1	9.3	4.1	6	ND 0.7	ND 0.7	130	ND 7.1	2.6	1	27	6.4
S134A	10/17/2008	REG	ND 1.0	ND 10	12	4.9	11	ND 1.0	ND 1.0	140	ND 10	2.1	1.1	31	5.4
S134A	10/19/2009	REG	ND 1.0	ND 4.0	12	5.6	13	ND 1.0	ND 1.0	170	ND 40	1.3	1.3	11	7.4
S134A	10/19/2010	REG	ND 1.0	ND 4.0	14	6.4	12	ND 1.0	ND 1.0	190	ND 40	ND 1.0	1.5	6.2	8.3
S134A	11/14/2011	REG	ND 1.3	ND 7.5	11	4.6	4.9	ND 1.3	ND 1.3	150	ND 50	ND 1.3	2.2	6.8	4
S134A	10/31/2012	REG	ND 1.3	ND 5.0	12	5.5	12	ND 1.3	ND 1.3	170	ND 50	ND 1.3	2.5	6.2	5.6
S134A	11/13/2013	REG	ND 1.3	ND 5.0	9.9	3.3	6.9	ND 1.3	ND 1.3	180	ND 50	ND 1.3	2.2	5.6	3.9
S134A	11/07/2014	REG	ND 1.3	ND 5.0	12	5	8.7	ND 1.3	ND 1.3	180	ND 50	ND 1.3	2.5	6	3.5
S134A	11/24/2015	REG	ND 1.3	ND 5.0	13	6.1	13	ND 1.3	ND 1.3	210	ND 50	ND 1.3	2.5	6.7	3.9
S134A	10/20/2016	REG	ND 1.0	ND 4.0	11	5	12	ND 1.0	ND 1.0	170	ND 40	ND 1.0	1.6	12	5
S134A	11/11/2016	REG	ND 1.3	ND 5.0	14	7	17	ND 1.3	ND 1.3	230	ND 50	1.6	2.7	5.4	6.4
S134A	01/17/2017	REG	ND 1.0	ND 4.0	12	6	14	ND 1.0	ND 1.0	190	ND 40	ND 1.0	1.7	3.3	3.7
S134A	02/15/2017	REG	4.2	20	4.4	2	5.3	ND 1.3	ND 1.3	130	ND 50	10	ND 1.3	74	ND 1.3
S134A	05/17/2017	REG	4.2	27	5	1.9	6.4	ND 1.0	ND 1.0	110	ND 40	7.6	ND 1.0	63	2.6
S134A	08/16/2017	REG	ND 1.0	ND 4.0	12	5.8	19	ND 1.0	ND 1.0	180	ND 40	ND 1.0	1.3	5.8	5.7
S134A	10/19/2017	REG	ND 1.7	ND 6.7	13	5.4	17	ND 1.7	ND 1.7	190	ND 67	ND 1.7	1.7	5.6	4.3
S134A	11/15/2017	REG	ND 1.3	ND 5	13	6.1	16	ND 1.3	ND 1.3	190	ND 50	ND 1.3	1.6	3.8	5.7
S134A	11/14/2018	REG	ND 0.5	ND 0.5	8.1	3.7	12	ND 0.5	ND 0.5	130	ND 0.5	0.29 J	0.9	6.9	3.5
S134B1	01/24/1990	REG	1.9	5.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S134B1	04/10/1990	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S134B1	07/10/1990	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S134B1	10/09/1990	REG	1.2	1.6	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S134B1	01/08/1991	REG	1.8	2.7	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S134B1	04/09/1991	REG	1.7	4.6	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S134B1	07/10/1991	REG	1.8	3.9	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S134B1	10/08/1991	REG	2.1	4.8	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5

Notes:
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J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S134B1	01/09/1992	REG	2.1	4.5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S134B1	04/07/1992	REG	2.2	5	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S134B1	07/07/1992	REG	2.1	7	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S134B1	01/05/1993	REG	1.5	3.3	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S134B1	01/18/1994	REG	1.5	5.3	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	ND 0.5	NT	ND 0.5	NT	ND 0.5	ND 0.5
S134B1	01/05/1996	REG	1.3	3.3	ND 0.5	ND 0.5	NT	ND 0.5	ND 0.5	0.8	NT	ND 0.5	NT	ND 0.5	ND 0.5
S134B1	10/15/1997	REG	2	4	ND 0.5	ND 2	NT	ND 0.5	0.5	0.7	NT	ND 0.5	NT	ND 0.5	ND 0.5
S134B1	10/21/2002	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S135A	01/24/1990	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	56	NT	ND 50	NT	510	ND 50
S135A	04/11/1990	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	21	NT	ND 10	NT	280	ND 10
S135A	07/11/1990	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	131	ND 10
S135A	10/09/1990	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	590	ND 50
S135A	01/09/1991	REG	ND 10	26	ND 10	ND 10	NT	ND 10	ND 10	21	NT	ND 10	NT	430	ND 10
S135A	04/10/1991	REG	ND 10	21	ND 10	ND 10	NT	ND 10	ND 10	13	NT	ND 10	NT	490	ND 10
S135A	07/10/1991	REG	ND 10	16	ND 10	ND 10	NT	ND 10	ND 10	12	NT	ND 10	NT	430	ND 10
S135A	10/10/1991	REG	ND 10	16	ND 10	ND 10	NT	ND 10	ND 10	13	NT	ND 10	NT	770	ND 10
S135A	01/08/1992	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	ND 10	NT	ND 10	NT	640	ND 10
S135A	04/08/1992	REG	ND 10	17	ND 10	ND 10	NT	ND 10	ND 10	22	NT	ND 10	NT	680	ND 10
S135A	07/08/1992	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	14	NT	ND 10	NT	460	ND 10
S135A	01/07/1993	REG	ND 10	ND 10	ND 10	ND 10	NT	ND 10	ND 10	20	NT	ND 10	NT	590	ND 10
S135A	07/13/1993	REG	ND 5	7.3	ND 5	ND 5	NT	ND 5	ND 5	5.4	NT	ND 5	NT	410	ND 5
S135A	01/20/1994	REG	ND 5	5	ND 5	ND 5	NT	ND 5	ND 5	6.6	NT	ND 5	NT	270	ND 5
S135A	01/06/1995	REG	ND 5	ND 10	ND 5	ND 5	NT	ND 5	ND 5	11	NT	ND 5	NT	160	ND 10
S135A	01/10/1996	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	7	NT	ND 5	NT	140	ND 5
S135A	01/30/1997	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	95	ND 5
S135A	10/21/1997	REG	1	8	2.1	ND 2	NT	ND 0.5	0.6	7.5	NT	12	NT	200	ND 0.5

Notes:
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APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S135A	06/25/1998	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	ND 5	NT	ND 5	NT	190	ND 5
S135A	06/15/1999	REG	ND 5	ND 5	ND 5	ND 5	NT	ND 5	ND 5	50	NT	6	NT	110	ND 5
S135A	11/11/1999	REG	ND 5	ND 5	ND 5	ND 5	ND 10	ND 5	ND 5	340	ND 50	ND 5	ND 5	53	ND 5
S135A	04/19/2000	REG	ND 0.5	ND 5	1.2	1.4	ND 0.5	ND 0.5	ND 0.5	140	ND 5	3.9	ND 0.5	71	ND 0.5
S135A	10/28/2000	REG	ND 0.5	ND 5	0.8	1.1	ND 0.5	ND 0.5	ND 0.5	140	ND 5	4.7	ND 0.5	91	ND 0.5
S135A	04/25/2001	REG	ND 0.5	ND 5	0.8	ND 0.5	ND 0.5	ND 0.5	ND 0.5	140	ND 5	2.3	8	53	ND 0.5
S135A	10/24/2001	REG	ND 0.5	ND 5	ND 0.5	0.5	ND 0.5	ND 0.5	1.4	71	ND 5	6.5	ND 0.5	110	ND 0.5
S135A	10/22/2002	REG	ND 0.5	ND 5	0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	89	ND 5	1.6	ND 0.5	38	ND 0.5
S135A	10/24/2003	REG	0.7	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.5	11	ND 5	8.1	ND 0.5	79	ND 0.5
S135A	10/08/2004	REG	ND 0.5	ND 5	0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	31	ND 5	7.4	ND 0.5	94	ND 0.5
S135A	11/08/2005	REG	ND 1.3	ND 13	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	37	ND 13	8.1	ND 1.3	160	ND 1.3
S135A	11/10/2006	REG	2	ND 5	0.6	0.5	ND 0.5	ND 0.5	ND 0.5	41	ND 5	14	ND 0.5	160	ND 0.5
S135A	07/25/2007	REG	ND 1.3	ND 13	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	72	ND 13	16	ND 1.3	160	ND 1.3
S135A	10/24/2008	REG	ND 1.3	ND 13	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	85	ND 13	18	ND 1.3	190	ND 1.3
S135A	10/30/2009	REG	ND 1.3	ND 5.0	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	130	ND 50	7.5	1.5	120	ND 1.3
S135A	10/28/2010	REG	ND 1.0	9.1	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	120	ND 40	13	1.8	190	ND 1.0
S135A	12/03/2011	REG	ND 1.0	5.6	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	150	ND 40	6.7	1.5	100	1.2
S135A	11/09/2012	REG	ND 1.0	10	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	89	ND 40	9.9	2	150	ND 1.0
S135A	11/19/2013	REG	ND 1.0	ND 4.0	ND 1.0	1.2	ND 1.0	ND 1.0	ND 1.0	290	ND 40	ND 1.0	4.2	15	1.5
S135A	11/14/2014	REG	ND 1.0	ND 4.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	220	ND 40	3.7	1.4	53	ND 1.0
S135A	12/01/2015	REG	ND 0.5	ND 2.0	0.8	1.5	ND 0.5	ND 0.5	ND 0.5	270	ND 20	1	1.5	17	1.5
S135A	11/18/2016	REG	ND 2.0	ND 8.0	ND 2.0	ND 2.0	ND 2.0	ND 2.0	ND 2.0	330	ND 80	ND 2.0	2.4	9.9	ND 2.0
S135A	11/05/2017	REG	ND 2.0	ND 8.0	ND 2.0	ND 2.0	ND 2.0	ND 2.0	ND 2.0	250	ND 80	2.3	ND 2.0	34	ND 2.0
S135A	11/16/2018	REG	ND 5	ND 5	ND 5	ND 5	2.1 J	ND 5	ND 5	310	15 B	ND 5	4.9 J	5.2	ND 5
S136A	12/24/1991	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	370	NT	ND 25	NT	3400	ND 25
S136A	07/10/1992	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	300	NT	ND 50	NT	2700	ND 50

Notes:
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S136A	01/08/1993	REG	ND 2.5	ND 2.5	38	7.3	NT	ND 2.5	ND 2.5	100	NT	ND 2.5	NT	210	ND 2.5
S136A	04/14/1993	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	200	NT	ND 50	NT	3500	ND 50
S136A	07/14/1993	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	160	NT	ND 50	NT	2500	ND 50
S136A	10/12/1993	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	200	NT	ND 50	NT	3500	ND 50
S136A	01/20/1994	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	270	NT	ND 50	NT	3000	ND 50
S136A	04/20/1994	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	250	NT	ND 50	NT	4000	ND 50
S136A	07/22/1994	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	280	NT	ND 50	NT	2400	ND 50
S136A	10/05/1994	REG	ND 50	ND 50	57	59	NT	ND 50	ND 50	370	NT	ND 50	NT	3700	ND 50
S136A	01/13/1995	REG	ND 50	ND 100	ND 50	ND 50	NT	ND 50	ND 50	250	NT	ND 50	NT	4700	ND 100
S136A	04/20/1995	REG	ND 50	ND 100	78	81	NT	ND 50	ND 50	170	NT	ND 50	NT	2300	ND 100
S136A	07/13/1995	REG	ND 25	ND 50	ND 25	ND 25	NT	ND 25	ND 25	250	NT	ND 25	NT	2100	ND 50
S136A	10/26/1995	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	310	NT	ND 100	NT	2100	ND 100
S136A	01/11/1996	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	220	NT	ND 50	NT	2300	ND 50
S136A	04/03/1996	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	240	NT	ND 50	NT	2200	ND 50
S136A	07/12/1996	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	230	NT	ND 50	NT	1900	ND 50
S136A	10/08/1996	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	220	NT	ND 100	NT	2500	ND 100
S136A	02/04/1997	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	220	NT	ND 50	NT	1700	ND 50
S136A	07/24/1997	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	560	NT	ND 100	NT	3400	ND 100
S136A	10/23/1997	REG	ND 20	ND 40	14	ND 40	NT	ND 10	ND 10	260	NT	ND 10	NT	2100	ND 10
S136A	06/29/1998	REG	ND 25	320	ND 25	ND 25	NT	ND 25	ND 25	270	NT	ND 25	NT	2000	ND 25
S136A	12/21/1998	REG	ND 50	250	ND 50	ND 50	NT	ND 50	ND 50	240	NT	ND 50	NT	2500	ND 50
S136A	06/04/1999	REG	ND 50	190	ND 50	ND 50	NT	ND 50	ND 50	170	NT	ND 50	NT	2200	ND 50
S136A	11/15/1999	REG	ND 5	81	7	ND 5	ND 10	ND 5	ND 5	170	ND 50	7	ND 5	2600	ND 5
S136A	04/20/2000	REG	ND 5	ND 50	5.5	ND 5	ND 5	ND 5	ND 5	110	ND 50	ND 5	ND 5	1300	ND 5
S136A	10/30/2000	FD	ND 5	ND 50	ND 5	ND 5	ND 5	ND 5	ND 5	110	ND 50	5.1	9.7	1500	ND 5
S136A	10/30/2000	REG	ND 4.2	ND 42	5.6	ND 4.2	ND 4.2	ND 4.2	ND 4.2	120	ND 42	ND 4.2	10	1400	ND 4.2

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S136A	04/30/2001	FD	ND 5	52	5.8	ND 5	ND 5	ND 5	ND 5	150	ND 50	5.4	6	1200	ND 5
S136A	04/30/2001	REG	ND 5	52	ND 5	ND 5	ND 5	ND 5	ND 5	140	ND 50	ND 5	ND 5	1200	ND 5
S136A	10/26/2001	FD	ND 5	ND 50	7.1	ND 5	ND 5	ND 5	ND 5	430	ND 50	ND 5	8.9	880	ND 5
S136A	10/26/2001	REG	ND 5	ND 50	7.3	ND 5	ND 5	ND 5	ND 5	390	ND 50	ND 5	23	970	ND 5
S136A	10/24/2002	FD	ND 6.3	ND 63	13	ND 6.3	ND 6.3	ND 6.3	ND 6.3	1800	ND 63	ND 6.3	110	490	ND 6.3
S136A	10/24/2002	REG	ND 5	ND 50	10	ND 5	ND 5	ND 5	ND 5	1700	ND 50	ND 5	79	620	ND 5
S136A	10/28/2003	FD	7.4	ND 63	ND 6.3	6.7	ND 6.3	ND 6.3	ND 6.3	1600	ND 63	ND 6.3	12	470	ND 6.3
S136A	10/28/2003	REG	5.2	ND 42	ND 4.2	6.5	ND 4.2	ND 4.2	ND 4.2	1600	ND 42	ND 4.2	13	500	ND 4.2
S136A	10/13/2004	REG	ND 10	120	24	ND 10	ND 10	ND 10	ND 10	160	ND 100	ND 10	14	1000	ND 10
S136A	11/30/2005	REG	ND 3.1	ND 31	14	3.9	ND 3.1	ND 3.1	ND 3.1	190	ND 31	4.4	4.1	690	ND 3.1
S136A	12/01/2006	REG	ND 4.2	ND 42	16	4.7	ND 4.2	ND 4.2	ND 4.2	650	ND 42	ND 4.2	5.9	450	ND 4.2
S136A	07/26/2007	REG	ND 5	ND 50	13	ND 5	ND 5	ND 5	ND 5	180	ND 50	ND 5	ND 5	720	ND 5
S136A	10/28/2008	REG	ND 5.0	ND 50	19	ND 5.0	ND 5.0	ND 5.0	ND 5.0	400	ND 50	ND 5.0	ND 5.0	610	ND 5.0
S136A	10/30/2009	REG	ND 5.0	40	22	7.5	ND 5.0	ND 5.0	ND 5.0	620	ND 200	ND 5.0	6	560	ND 5.0
S136A	10/29/2010	REG	ND 4.2	88	22	8.7	ND 4.2	ND 4.2	ND 4.2	610	ND 170	4.6	ND 4.2	590	ND 4.2
S136A	12/05/2011	REG	ND 4.2	87	23	8.5	ND 4.2	ND 4.2	ND 4.2	600	ND 170	4.7	ND 4.2	650	ND 4.2
S136A	11/12/2012	REG	ND 4.2	120	22	5.1	ND 4.2	ND 4.2	ND 4.2	800	ND 170	ND 4.2	5	570	ND 4.2
S136A	11/19/2013	REG	ND 5.0	66	25	12	ND 5.0	ND 5.0	ND 5.0	1200	ND 200	ND 5.0	6.9	360	ND 5.0
S136A	11/15/2014	REG	ND 6.3	66	18	6.9	ND 6.3	ND 6.3	ND 6.3	890	ND 250	ND 6.3	7	270	ND 6.3
S136A	12/01/2015	REG	ND 6.3	51	20	8.4	ND 6.3	ND 6.3	ND 6.3	850	ND 250	ND 6.3	16	300	ND 6.3
S136A	11/20/2016	REG	ND 6.3	92	19	8.4	ND 6.3	ND 6.3	ND 6.3	610	ND 250	ND 6.3	ND 6.3	570	ND 6.3
S136A	11/05/2017	REG	ND 4.2	64	23	7.3	ND 4.2	ND 4.2	ND 4.2	620	ND 170	ND 4.2	5.3	420	5.1
S136A	11/14/2018	REG	ND 5	68	ND 5	9.5	ND 5	ND 5	ND 5	890	39 B	ND 5	8.8	450	31
S137A	04/09/1997	REG	ND 200	ND 200	ND 200	ND 200	NT	ND 200	ND 200	490	NT	ND 200	NT	2500	ND 200
S137A	07/28/1997	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	490	NT	ND 100	NT	1500	ND 100
S137A	10/28/1997	REG	ND 100	ND 200	ND 50	ND 200	NT	ND 50	ND 50	520	NT	ND 50	NT	2600	ND 50

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S137A	04/15/1998	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	170	NT	ND 50	NT	1700	ND 50
S137A	10/14/1998	REG	ND 50	ND 50	NT	NT	NT	ND 50	NT	320	NT	NT	NT	2100	NT
S137A	01/22/1999	REG	ND 250	2600	ND 250	ND 250	ND 500	ND 250	ND 250	490	ND 2500	ND 250	ND 250	4100	ND 250
S137A	06/09/1999	REG	ND 100	ND 100	ND 100	ND 100	ND 200	ND 100	ND 100	2300	ND 1000	ND 100	ND 100	4900	ND 100
S137A	09/23/1999	REG	ND 5	18	ND 5	ND 5	ND 10	ND 5	ND 5	250	ND 50	ND 5	ND 5	1000	ND 5
S137A	04/03/2000	REG	ND 3.6	ND 36	4.7	ND 3.6	ND 3.6	ND 3.6	ND 3.6	1200	ND 36	ND 3.6	83	550	ND 3.6
S137A	10/02/2000	REG	ND 5	ND 50	5.3	ND 5	ND 5	ND 5	ND 5	1300	ND 50	ND 5	57	520	ND 5
S137A	04/02/2001	REG	ND 3.1	ND 31	3.8	ND 3.1	ND 3.1	ND 3.1	ND 3.1	1100	ND 31	ND 3.1	30	500	ND 3.1
S137A	10/02/2001	REG	ND 3.1	ND 31	ND 3.1	ND 3.1	ND 3.1	ND 3.1	3.9	380	ND 31	ND 3.1	21	590	ND 3.1
S137A	04/16/2002	REG	ND 1.7	ND 17	2.7	2.2	ND 1.7	ND 1.7	2.1	530	ND 17	2.1	4.8	540	ND 1.7
S137A	10/03/2002	REG	ND 1.7	ND 17	6.3	2.1	ND 1.7	ND 1.7	ND 1.7	600	ND 17	ND 1.7	19	600	ND 1.7
S137A	04/09/2003	REG	ND 2	ND 20	6.8	2	ND 2	ND 2	3.2	400	ND 20	2.4	5.5	540	ND 2
S137A	10/15/2003	REG	3.8	ND 25	12	ND 2.5	ND 2.5	ND 2.5	ND 2.5	800	ND 25	ND 2.5	48	560	ND 2.5
S137A	04/27/2004	REG	ND 2	21	9.5	ND 2	ND 2	ND 2	ND 2	430	ND 20	ND 2	21	450	ND 2
S137A	10/15/2004	REG	ND 3.1	ND 31	14	3.3	ND 3.1	ND 3.1	ND 3.1	550	ND 31	ND 3.1	6.7	490	ND 3.1
S137A	04/04/2005	REG	ND 3.1	ND 31	7.7	ND 3.1	ND 3.1	ND 3.1	ND 3.1	330	ND 31	ND 3.1	5.3	320	ND 3.1
S137A	12/01/2005	REG	ND 2.5	ND 25	8.5	ND 2.5	ND 2.5	ND 2.5	ND 2.5	130	ND 25	ND 2.5	ND 2.5	630	ND 2.5
S137A	06/27/2006	REG	ND 3.1	ND 31	9.3	ND 3.1	ND 3.1	ND 3.1	ND 3.1	560	ND 31	ND 3.1	16	330	ND 3.1
S137A	11/02/2006	REG	ND 2	ND 20	6.4	2.5	ND 2	ND 2	ND 2	320	ND 20	2.3	4.4	430	ND 2
S137A	05/01/2007	REG	ND 2.5	ND 25	5.7	ND 2.5	ND 2.5	ND 2.5	ND 2.5	250	ND 25	2.6	2.8	480	ND 2.5
S137A	07/03/2007	REG	ND 3.6	ND 36	6.7	ND 3.6	ND 3.6	ND 3.6	ND 3.6	340	ND 36	ND 3.6	6.4	380	ND 3.6
S137A	10/18/2008	REG	ND 2.5	ND 25	7.7	ND 2.5	ND 2.5	ND 2.5	ND 2.5	410	ND 25	ND 2.5	13	490	ND 2.5
S137A	05/22/2009	REG	ND 2.5	ND 25	8.2	ND 2.5	ND 2.5	ND 2.5	ND 2.5	250	ND 25	3.4	15	490	ND 2.5
S137A	11/05/2009	REG	ND 2.5	14	6.5	ND 2.5	ND 2.5	ND 2.5	ND 2.5	270	ND 100	ND 2.5	7.9	360	ND 2.5
S137A	05/06/2010	REG	ND 2.5	15	7	2.6	ND 2.5	ND 2.5	ND 2.5	340	ND 100	ND 2.5	3.7	370	ND 2.5
S137A	11/02/2010	REG	ND 2.5	15	6	3	ND 2.5	ND 2.5	ND 2.5	300	ND 100	ND 2.5	3.9	360	ND 2.5

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S137A	06/01/2011	REG	ND 3.1	13	5.9	ND 3.1	ND 3.1	ND 3.1	ND 3.1	260	ND 130	ND 3.1	ND 3.1	380	ND 3.1
S137A	11/10/2011	REG	ND 2.5	13	6.5	2.7	ND 2.5	ND 2.5	ND 2.5	330	ND 100	ND 2.5	3.3	370	ND 2.5
S137A	06/14/2012	REG	ND 2.5	11	4.7	ND 2.5	ND 2.5	ND 2.5	ND 2.5	250	ND 100	ND 2.5	3.1	340	ND 2.5
S137A	10/23/2012	REG	ND 2.5	16	4.5	ND 2.5	ND 2.5	ND 2.5	ND 2.5	260	ND 100	ND 2.5	4	280	ND 2.5
S137A	06/18/2013	REG	ND 2.0	13	4.4	ND 2.0	ND 2.0	ND 2.0	ND 2.0	260	ND 80	2.2	ND 2.0	310	ND 2.0
S137A	11/05/2013	REG	ND 2.5	14	5.4	ND 2.5	ND 2.5	ND 2.5	ND 2.5	350	ND 100	ND 2.5	3.4	320	ND 2.5
S137A	06/10/2014	REG	ND 2.5	16	5.1	ND 2.5	ND 2.5	ND 2.5	ND 2.5	330	ND 100	ND 2.5	4.2	310	ND 2.5
S137A	10/29/2014	REG	ND 2.5	24	6.2	ND 2.5	ND 2.5	ND 2.5	ND 2.5	450	ND 100	ND 2.5	3.8	330	ND 2.5
S137A	05/20/2015	REG	ND 2.5	14	4.6	ND 2.5	ND 2.5	ND 2.5	ND 2.5	380	ND 100	ND 2.5	6.3	290	ND 2.5
S137A	10/20/2015	REG	ND 3.1	15	6	ND 3.1	ND 3.1	ND 3.1	ND 3.1	510	ND 130	ND 3.1	9.1	280	ND 3.1
S137A	05/25/2016	REG	ND 2.5	13	4.4	ND 2.5	ND 2.5	ND 2.5	ND 2.5	270	ND 100	ND 2.5	8.7	230	ND 2.5
S137A	10/11/2016	REG	ND 2.5	14	5.2	ND 2.5	ND 2.5	ND 2.5	ND 2.5	300	ND 100	2.7	ND 2.5	330	ND 2.5
S137A	10/19/2016	REG	ND 3.1	ND 13	4.2	ND 3.1	ND 3.1	ND 3.1	ND 3.1	290	ND 130	ND 3.1	ND 3.1	270	ND 3.1
S137A	12/14/2016	REG	ND 2.5	39	6.2	3.2	ND 2.5	ND 2.5	ND 2.5	710	ND 100	ND 2.5	7.3	4.2	4
S137A	01/17/2017	REG	ND 5.0	ND 20	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	960	ND 200	ND 5.0	9.9	9	86
S137A	02/15/2017	REG	ND 5.0	ND 20	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	620	ND 200	ND 5.0	7.4	11	91
S137A	05/17/2017	REG	ND 3.6	ND 14	6.3	ND 3.6	ND 3.6	ND 3.6	ND 3.6	800	ND 140	ND 3.6	11	25	48
S137A	08/16/2017	REG	ND 3.1	ND 13	6	ND 3.1	ND 3.1	ND 3.1	ND 3.1	420	ND 130	ND 3.1	12	12	140
S137A	11/15/2017	REG	ND 3.1	ND 13	4.6	ND 3.1	ND 3.1	ND 3.1	ND 3.1	410	ND 130	ND 3.1	14	12	110
S137A	05/22/2018	REG	ND 36	ND 140	53	ND 36	ND 36	ND 36	ND 36	5400	ND 1400	ND 36	ND 36	ND 36	700
S137A	10/04/2018	REG	ND 17	ND 67	19	ND 17	ND 17	ND 17	ND 17	1700	ND 670	ND 17	21	ND 17	390
S138A	12/01/1991	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	1800	NT	ND 100	NT	5600	ND 100
S138A	01/08/1996	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	2200	NT	ND 100	NT	6900	ND 100
S138A	04/24/1996	REG	ND 200	ND 200	ND 200	ND 200	NT	ND 200	ND 200	ND 200	NT	ND 200	NT	2400	ND 200
S138A	08/14/1996	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	810	NT	ND 100	NT	4000	ND 100
S138A	10/08/1996	REG	ND 200	ND 200	ND 200	ND 200	NT	ND 200	ND 200	420	NT	ND 200	NT	7200	ND 200

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S138A	01/12/1997	REG	ND 200	ND 200	ND 200	ND 200	NT	ND 200	ND 200	770	NT	ND 200	NT	10000	ND 200
S138A	01/23/1998	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	1800	NT	ND 500	NT	19000	ND 500
S138A	04/15/1998	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	830	NT	ND 500	NT	20000	ND 500
S138A	07/07/1998	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	12000	ND 500
S138A	10/15/1998	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	560	NT	ND 250	NT	22000	ND 250
S138A	01/22/1999	REG	ND 250	ND 250	ND 250	ND 250	ND 500	ND 250	ND 250	1000	ND 2500	ND 250	ND 250	5200	ND 250
S138A	06/09/1999	REG	ND 250	ND 250	ND 250	ND 250	ND 500	ND 250	ND 250	470	ND 2500	ND 250	ND 250	4500	ND 250
S138A	09/24/1999	REG	ND 10	ND 10	25	ND 10	ND 20	ND 10	ND 10	870	ND 100	ND 10	ND 10	5500	ND 10
S138A	04/03/2000	REG	ND 13	ND 130	35	ND 13	ND 13	ND 13	ND 13	1400	ND 130	ND 13	13	3400	ND 13
S138A	10/02/2000	REG	ND 17	ND 170	93	17	ND 17	ND 17	ND 17	3000	ND 170	ND 17	20	5200	ND 17
S138A	04/02/2001	REG	ND 17	ND 170	110	ND 17	ND 17	ND 17	ND 17	3400	ND 170	ND 17	210	5700	ND 17
S138A	10/02/2001	REG	ND 8.3	ND 83	14	ND 8.3	ND 8.3	ND 8.3	ND 8.3	1100	ND 83	ND 8.3	29	2800	ND 8.3
S138A	04/16/2002	REG	ND 31	ND 310	67	ND 31	ND 31	ND 31	ND 31	2800	ND 310	ND 31	ND 31	6300	ND 31
S138A	10/03/2002	REG	ND 25	ND 250	110	28	ND 25	ND 25	ND 25	5000	ND 250	ND 25	ND 25	7700	30
S138A	04/09/2003	REG	ND 17	ND 170	56	21	ND 17	ND 17	ND 17	2600	ND 170	ND 17	100	4800	ND 17
S138A	10/15/2003	REG	42	ND 360	140	ND 36	ND 36	ND 36	ND 36	7000	ND 360	ND 36	ND 36	9800	ND 36
S138A	04/27/2004	FD	ND 8.3	ND 83	31	8.5	ND 8.3	ND 8.3	ND 8.3	1600	ND 83	ND 8.3	36	2400	ND 8.3
S138A	04/27/2004	REG	ND 50	ND 500	170	ND 50	ND 50	ND 50	ND 50	9400	ND 500	ND 50	ND 50	7100	ND 50
S138A	10/15/2004	REG	ND 42	ND 420	130	ND 42	ND 42	ND 42	ND 42	6600	ND 420	ND 42	ND 42	6500	ND 42
S138A	04/04/2005	REG	ND 13	ND 130	22	ND 13	ND 13	ND 13	ND 13	1400	ND 130	ND 13	28	2000	ND 13
S138A	12/21/2005	REG	ND 13	ND 130	ND 13	ND 13	ND 13	ND 13	ND 13	520	ND 130	20	ND 13	1300	ND 13
S138A	06/27/2006	REG	ND 10	ND 100	17	ND 10	ND 10	ND 10	ND 10	1400	ND 100	ND 10	17	1900	ND 10
S138A	11/02/2006	FD	ND 8.3	ND 83	11	ND 8.3	ND 8.3	ND 8.3	ND 8.3	710	ND 83	ND 8.3	13	1600	ND 8.3
S138A	11/02/2006	REG	ND 7.1	ND 71	16	7.9	ND 7.1	ND 7.1	ND 7.1	1400	ND 71	8.5	10	1600	ND 7.1
S138A	05/01/2007	FD	ND 20	ND 200	29	ND 20	ND 20	ND 20	ND 20	2100	ND 200	ND 20	ND 20	2500	ND 20
S138A	05/01/2007	REG	ND 71	ND 710	140	72	ND 71	ND 71	ND 71	9100	ND 710	ND 71	ND 71	11000	ND 71

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S138A	07/03/2007	FD	ND 13	ND 130	33	22	ND 13	ND 13	ND 13	2300	ND 130	ND 13	27	2600	ND 13
S138A	07/03/2007	REG	ND 25	ND 250	73	56	ND 25	ND 25	ND 25	6800	ND 250	ND 25	26	8300	ND 25
S138A	10/18/2008	FD	ND 13	ND 130	24	16	ND 13	ND 13	ND 13	1800	ND 130	ND 13	47	2400	ND 13
S138A	10/18/2008	REG	ND 13	ND 130	20	14	ND 13	ND 13	ND 13	1700	ND 130	ND 13	47	2300	ND 13
S138A	05/22/2009	FD	ND 17	ND 170	29	18	ND 17	ND 17	ND 17	2000	ND 170	ND 17	39	2400	ND 17
S138A	05/22/2009	REG	ND 17	ND 170	25	ND 17	ND 17	ND 17	ND 17	1800	ND 170	ND 17	52	2300	ND 17
S138A	11/05/2009	FD	ND 13	ND 50	14	ND 13	ND 13	ND 13	ND 13	1200	ND 500	ND 13	ND 13	1300	ND 13
S138A	11/05/2009	REG	ND 10	46	14	ND 10	ND 10	ND 10	ND 10	1100	ND 400	ND 10	ND 10	1300	ND 10
S138A	05/06/2010	FD	ND 13	68	22	13	ND 13	ND 13	ND 13	1900	ND 500	ND 13	21	2000	ND 13
S138A	05/06/2010	REG	ND 13	69	25	16	ND 13	ND 13	ND 13	2000	ND 500	ND 13	19	1700	ND 13
S138A	11/04/2010	FD	ND 6.3	30	9.1	ND 6.3	ND 6.3	ND 6.3	ND 6.3	600	ND 250	ND 6.3	ND 6.3	1000	ND 6.3
S138A	11/04/2010	REG	ND 13	ND 50	ND 13	ND 13	ND 13	ND 13	ND 13	680	ND 500	ND 13	ND 13	1100	ND 13
S138A	06/01/2011	FD	ND 71	560	95	85	ND 71	ND 71	ND 71	8400	ND 2900	ND 71	ND 71	7400	ND 71
S138A	06/01/2011	REG	ND 63	510	100	84	ND 63	ND 63	ND 63	7800	ND 2500	ND 63	ND 63	8600	ND 63
S138A	11/10/2011	fd	ND 170	ND 670	ND 170	ND 170	ND 170	ND 170	ND 170	8600	ND 6700	ND 170	ND 170	7900	ND 170
S138A	11/10/2011	REG	ND 50	560	86	89	ND 50	ND 50	ND 50	8000	ND 2000	ND 50	ND 50	7100	ND 50
S138A	06/14/2012	FD	ND 100	600	110	ND 100	ND 100	ND 100	ND 100	11000	ND 4000	ND 100	ND 100	11000	ND 100
S138A	06/14/2012	REG	ND 50	320	ND 50	ND 50	ND 50	ND 50	ND 50	5200	ND 2000	ND 50	ND 50	5100	ND 50
S138A	10/23/2012	FD	ND 20	190	24	ND 20	ND 20	ND 20	ND 20	2600	ND 800	ND 20	ND 20	2100	ND 20
S138A	10/23/2012	REG	ND 50	380	ND 50	ND 50	ND 50	ND 50	ND 50	4600	ND 2000	ND 50	ND 50	3600	ND 50
S138A	06/18/2013	FD	ND 13	100	29	20	ND 13	ND 13	ND 13	3000	ND 500	ND 13	16	2800	ND 13
S138A	06/18/2013	REG	ND 17	110	24	22	ND 17	ND 17	ND 17	2400	ND 670	ND 17	18	2100	ND 17
S138A	11/05/2013	FD	ND 50	270	52	ND 50	ND 50	ND 50	ND 50	6400	ND 2000	ND 50	ND 50	4800	ND 50
S138A	11/05/2013	REG	ND 10	570	120	100	ND 10	ND 10	ND 10	12000	ND 400	ND 10	69	9400	ND 10
S138A	06/10/2014	REG	ND 50	260	64	ND 50	ND 50	ND 50	ND 50	5800	ND 2000	ND 50	ND 50	4700	ND 50
S138A	10/29/2014	FD	ND 100	560	ND 100	ND 100	ND 100	ND 100	ND 100	4600	ND 4000	ND 100	ND 100	3600	ND 100

Notes:
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APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S138A	10/29/2014	REG	ND 50	550	59	ND 50	ND 50	ND 50	ND 50	6600	ND 2000	ND 50	ND 50	4600	ND 50
S138A	05/20/2015	FD	ND 36	230	52	ND 36	ND 36	ND 36	ND 36	5700	ND 1400	ND 36	ND 36	4000	ND 36
S138A	05/20/2015	REG	ND 50	390	83	57	ND 50	ND 50	ND 50	10000	ND 2000	ND 50	ND 50	6300	ND 50
S138A	10/20/2015	FD	ND 25	180	39	33	ND 25	ND 25	ND 25	4400	ND 1000	ND 25	ND 25	3100	ND 25
S138A	10/20/2015	REG	ND 25	310	75	61	ND 25	ND 25	ND 25	8800	ND 1000	ND 25	36	6800	ND 25
S138A	05/25/2016	FD	ND 20	130	37	23	ND 20	ND 20	ND 20	3300	ND 800	ND 20	27	2100	ND 20
S138A	05/25/2016	REG	ND 17	89	23	ND 17	ND 17	ND 17	ND 17	2200	ND 670	ND 17	ND 17	1800	ND 17
S138A	10/11/2016	FD	ND 31	230	55	35	ND 31	ND 31	ND 31	4600	ND 1300	ND 31	ND 31	4800	ND 31
S138A	10/11/2016	REG	ND 50	1000	150	110	ND 50	ND 50	ND 50	15000	ND 2000	ND 50	58	13000	ND 50
S138A	10/19/2016	REG	ND 83	530	130	85	ND 83	ND 83	ND 83	13000	ND 3300	ND 83	ND 83	9100	ND 83
S138A	12/15/2016	REG	ND 83	730	170	130	ND 83	ND 83	ND 83	26000	ND 3300	ND 83	ND 83	ND 83	ND 83
S138A	01/18/2017	REG	ND 83	550	170	140	ND 83	ND 83	ND 83	32000	ND 3300	ND 83	ND 83	320	ND 83
S138A	02/16/2017	REG	ND 170	ND 670	190	180	ND 170	ND 170	ND 170	26000	ND 6700	ND 170	ND 170	ND 170	ND 170
S138A	05/18/2017	REG	ND 170	ND 670	180	ND 170	ND 170	ND 170	ND 170	29000	ND 6700	ND 170	ND 170	560	ND 170
S138A	08/17/2017	REG	ND 170	880	240	210	ND 170	ND 170	ND 170	27000	ND 6700	ND 170	ND 170	1000	ND 170
S138A	11/16/2017	REG	ND 170	820	230	ND 170	ND 170	ND 170	ND 170	24000	ND 6700	ND 170	ND 170	720	180
S138A	05/22/2018	FD	ND 170	1100	190	ND 170	ND 170	ND 170	ND 170	18000	ND 6700	ND 170	ND 170	1000	ND 170
S138A	05/22/2018	REG	ND 170	1700	250	ND 170	ND 170	ND 170	ND 170	22000	ND 6700	ND 170	ND 170	1300	180
S138A	10/04/2018	FB	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S138A	10/04/2018	FD	ND 170	1700	200	ND 170	ND 170	ND 170	ND 170	21000	ND 6700	ND 170	ND 170	2400	190
S138A	10/04/2018	REG	ND 170	1500	200	ND 170	ND 170	ND 170	ND 170	20000	ND 6700	ND 170	ND 170	2300	180
S139A	07/28/1997	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	5500	NT	ND 500	NT	19000	ND 500
S139A	10/28/1997	REG	ND 100	ND 200	150	ND 200	NT	ND 50	ND 50	8100	NT	ND 50	NT	17000	ND 50
S139A	04/15/1998	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	8400	NT	ND 500	NT	12000	ND 500
S139A	10/14/1998	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	9900	NT	ND 500	NT	14000	ND 500
S139A	01/22/1999	REG	ND 500	ND 500	ND 500	ND 500	ND 1000	ND 500	ND 500	6600	ND 5000	ND 500	ND 500	12000	ND 500

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APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S139A	06/09/1999	REG	ND 500	ND 500	ND 500	ND 500	ND 1000	ND 500	ND 500	7100	ND 5000	ND 500	ND 500	9200	ND 500
S139A	09/27/1999	REG	6	11	120	20	ND 10	ND 5	ND 5	7300	ND 50	17	33	9300	ND 5
S139A	04/03/2000	REG	ND 25	ND 250	61	ND 25	ND 25	ND 25	ND 25	5700	ND 250	ND 25	67	6500	ND 25
S139A	10/02/2000	REG	ND 20	ND 200	73	ND 20	ND 20	ND 20	ND 20	5800	ND 200	ND 20	34	6100	ND 20
S139A	04/02/2001	REG	ND 20	ND 200	47	ND 20	ND 20	ND 20	ND 20	4000	ND 200	ND 20	25	4800	ND 20
S139A	10/02/2001	REG	ND 17	ND 170	ND 17	ND 17	ND 17	ND 17	ND 17	2600	ND 170	ND 17	45	4100	18
S139A	04/16/2002	REG	ND 10	ND 100	24	ND 10	ND 10	ND 10	ND 10	3100	ND 100	11	59	3700	32
S139A	10/03/2002	REG	ND 13	ND 130	22	ND 13	ND 13	ND 13	ND 13	2600	ND 130	ND 13	150	3300	29
S139A	04/09/2003	REG	ND 13	ND 130	17	ND 13	ND 13	ND 13	ND 13	2600	ND 130	ND 13	20	2600	19
S139A	10/15/2003	REG	12	ND 71	ND 7.1	ND 7.1	ND 7.1	ND 7.1	ND 7.1	2200	ND 71	ND 7.1	51	2100	34
S139A	04/27/2004	REG	ND 17	ND 170	ND 17	ND 17	ND 17	ND 17	ND 17	2000	ND 170	ND 17	17	1900	ND 17
S139A	10/15/2004	REG	ND 17	ND 170	23	ND 17	ND 17	ND 17	ND 17	1600	ND 170	ND 17	ND 17	2300	ND 17
S139A	04/04/2005	REG	ND 7.1	ND 71	7.7	ND 7.1	ND 7.1	ND 7.1	ND 7.1	410	ND 71	ND 7.1	24	1100	ND 7.1
S139A	12/01/2005	REG	ND 7.1	ND 71	17	ND 7.1	ND 7.1	ND 7.1	ND 7.1	1200	ND 71	ND 7.1	22	1100	9.4
S139A	06/26/2006	REG	ND 10	ND 100	12	ND 10	ND 10	ND 10	ND 10	790	ND 100	ND 10	ND 10	1800	ND 10
S139A	11/02/2006	REG	12	ND 71	12	ND 7.1	ND 7.1	ND 7.1	ND 7.1	440	ND 71	ND 7.1	ND 7.1	1800	ND 7.1
S139A	05/01/2007	REG	ND 10	ND 100	15	ND 10	ND 10	ND 10	ND 10	990	ND 100	ND 10	ND 10	2300	ND 10
S139A	07/03/2007	REG	ND 17	ND 170	ND 17	ND 17	ND 17	ND 17	ND 17	900	ND 170	ND 17	ND 17	2300	ND 17
S139A	10/18/2008	REG	ND 13	ND 130	25	ND 13	ND 13	ND 13	ND 13	2100	ND 130	ND 13	14	2600	ND 13
S139A	05/22/2009	REG	ND 20	220	25	ND 20	ND 20	ND 20	ND 20	1300	ND 200	ND 20	ND 20	2800	ND 20
S139A	11/05/2009	REG	ND 20	110	21	ND 20	ND 20	ND 20	ND 20	1300	ND 800	ND 20	ND 20	2200	ND 20
S139A	05/06/2010	REG	ND 20	140	22	ND 20	ND 20	ND 20	ND 20	1400	ND 800	ND 20	ND 20	2500	ND 20
S139A	11/02/2010	REG	ND 20	93	ND 20	ND 20	ND 20	ND 20	ND 20	1300	ND 800	ND 20	ND 20	1900	ND 20
S139A	06/01/2011	REG	ND 13	91	13	ND 13	ND 13	ND 13	ND 13	840	ND 500	ND 13	ND 13	1600	ND 13
S139A	11/10/2011	REG	ND 10	140	17	11	ND 10	ND 10	ND 10	1200	ND 400	ND 10	20	1800	ND 10
S139A	06/14/2012	REG	ND 10	150	15	ND 10	ND 10	ND 10	ND 10	1200	ND 400	ND 10	21	2000	ND 10

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APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S139A	10/23/2012	REG	ND 10	230	21	ND 10	ND 10	ND 10	ND 10	1700	ND 400	12	16	2000	ND 10
S139A	06/18/2013	REG	ND 13	140	20	ND 13	ND 13	ND 13	ND 13	1700	ND 500	ND 13	44	1900	ND 13
S139A	11/05/2013	REG	ND 17	93	19	ND 17	ND 17	ND 17	ND 17	2200	ND 670	ND 17	ND 17	1700	ND 17
S139A	06/10/2014	REG	ND 17	160	ND 17	ND 17	ND 17	ND 17	ND 17	1500	ND 670	ND 17	ND 17	1500	ND 17
S139A	10/29/2014	REG	ND 17	160	ND 17	ND 17	ND 17	ND 17	ND 17	2100	ND 670	ND 17	ND 17	1300	ND 17
S139A	05/20/2015	REG	ND 13	840	51	18	ND 13	ND 13	ND 13	1800	ND 500	ND 13	15	2500	ND 13
S139A	10/20/2015	REG	ND 17	90	ND 17	ND 17	ND 17	ND 17	ND 17	1900	ND 670	ND 17	19	1100	ND 17
S139A	05/25/2016	REG	ND 8.3	210	16	ND 8.3	ND 8.3	ND 8.3	ND 8.3	1500	ND 330	ND 8.3	11	1300	ND 8.3
S139A	10/11/2016	REG	ND 13	110	18	ND 13	ND 13	ND 13	ND 13	1700	ND 500	ND 13	13	1100	ND 13
S139A	10/19/2016	REG	ND 13	220	20	ND 13	ND 13	ND 13	ND 13	2000	ND 500	ND 13	13	1200	ND 13
S139A	12/15/2016	REG	ND 5.0	ND 20	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	660	ND 200	ND 5.0	ND 5.0	65	ND 5.0
S139A	01/17/2017	REG	ND 5.0	ND 20	14	ND 5.0	ND 5.0	ND 5.0	ND 5.0	1400	ND 200	ND 5.0	8.2	8.4	220
S139A	02/15/2017	REG	ND 0.5	ND 2.0	5.2	ND 0.5	ND 0.5	ND 0.5	ND 0.5	58	ND 20	ND 0.5	8.1	7.5	57
S139A	05/17/2017	REG	ND 1.0	ND 4.0	15	ND 1.0	ND 1.0	ND 1.0	ND 1.0	100	ND 40	ND 1.0	7.5	4.5	88
S139A	08/16/2017	REG	ND 0.5	ND 2.0	3.1	ND 0.5	ND 0.5	ND 0.5	ND 0.5	32	ND 20	ND 0.5	7.5	2.9	43
S139A	11/15/2017	REG	ND 0.5	ND 2	3.6	ND 0.5	ND 0.5	ND 0.5	ND 0.5	30	ND 20	ND 0.5	6	6.4	38
S139A	05/22/2018	REG	ND 13	ND 50	190	ND 13	ND 13	ND 13	ND 13	5400	ND 500	ND 13	26	31	3000
S139A	10/04/2018	REG	ND 50	ND 200	110	ND 50	ND 50	ND 50	ND 50	7200	ND 2000	ND 50	ND 50	62	1600
S140A	09/11/1995	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	1800	NT	ND 100	NT	5600	ND 100
S140A	10/11/1995	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	2200	NT	ND 100	NT	6900	ND 100
S140A	01/08/1996	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	810	NT	ND 100	NT	4000	ND 100
S140A	04/24/1996	REG	ND 200	ND 200	ND 200	ND 200	NT	ND 200	ND 200	ND 200	NT	ND 200	NT	2400	ND 200
S140A	08/14/1996	REG	ND 200	ND 200	ND 200	ND 200	NT	ND 200	ND 200	420	NT	ND 200	NT	7200	ND 200
S140A	10/08/1996	REG	ND 200	ND 200	ND 200	ND 200	NT	ND 200	ND 200	770	NT	ND 200	NT	10000	ND 200
S140A	06/30/1997	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	1800	NT	ND 500	NT	19000	ND 500
S140A	01/23/1998	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	830	NT	ND 500	NT	20000	ND 500

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APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S140A	04/15/1998	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	12000	ND 500
S140A	07/07/1998	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	560	NT	ND 250	NT	22000	ND 250
S140A	10/15/1998	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	6800	ND 500
S140A	01/22/1999	REG	ND 500	ND 500	ND 500	ND 500	ND 1000	ND 500	ND 500	630	ND 5000	ND 500	ND 500	14000	ND 500
S140A	06/09/1999	REG	ND 500	ND 500	ND 500	ND 500	ND 1000	ND 500	ND 500	ND 500	ND 5000	ND 500	ND 500	16000	ND 500
S140A	09/27/1999	REG	23	200	440	48	ND 20	ND 10	ND 10	820	ND 100	19	ND 10	24000	ND 10
S140A	04/03/2000	REG	25	270	160	18	ND 17	ND 17	ND 17	610	ND 170	ND 17	ND 17	5900	ND 17
S140A	10/02/2000	REG	ND 42	ND 420	400	48	ND 42	ND 42	ND 42	750	ND 420	ND 42	ND 42	16000	ND 42
S140A	04/02/2001	REG	ND 42	ND 420	250	50	ND 42	ND 42	ND 42	970	ND 420	ND 42	ND 42	11000	ND 42
S140A	10/02/2001	REG	20	370	51	27	ND 17	ND 17	ND 17	120	ND 170	ND 17	ND 17	4400	ND 17
S140A	04/16/2002	REG	ND 42	460	140	ND 42	ND 42	ND 42	ND 42	490	ND 420	ND 42	ND 42	8700	ND 42
S140A	10/03/2002	REG	ND 31	640	240	44	ND 31	ND 31	ND 31	1600	ND 310	ND 31	ND 31	12000	ND 31
S140A	04/09/2003	REG	ND 36	ND 360	140	ND 36	ND 36	ND 36	ND 36	780	ND 360	ND 36	ND 36	6300	ND 36
S140A	10/15/2003	REG	42	270	160	29	ND 20	ND 20	ND 20	840	ND 200	ND 20	23	6900	ND 20
S140A	04/27/2004	REG	ND 63	ND 630	250	ND 63	ND 63	ND 63	ND 63	2800	ND 630	ND 63	ND 63	10000	ND 63
S140A	10/15/2004	REG	ND 71	ND 710	280	ND 71	ND 71	ND 71	ND 71	850	ND 710	ND 71	ND 71	7200	ND 71
S140A	04/04/2005	REG	ND 7.1	130	29	ND 7.1	ND 7.1	ND 7.1	ND 7.1	42	ND 71	ND 7.1	ND 7.1	930	ND 7.1
S140A	12/01/2005	REG	ND 100	ND 1000	570	100	ND 100	ND 100	ND 100	3400	ND 1000	100	ND 100	13000	ND 100
S140A	06/21/2006	REG	ND 42	590	200	ND 42	ND 42	ND 42	ND 42	670	ND 420	ND 42	ND 42	5300	ND 42
S140A	11/02/2006	REG	ND 71	1400	370	97	ND 71	ND 71	ND 71	710	ND 710	ND 71	ND 71	12000	ND 71
S140A	05/01/2007	REG	ND 83	ND 830	190	ND 83	ND 83	ND 83	ND 83	1000	ND 830	ND 83	ND 83	10000	ND 83
S140A	07/03/2007	REG	82	1900	410	140	ND 71	ND 71	ND 71	1300	ND 710	ND 71	ND 71	16000	ND 71
S140A	10/18/2008	REG	67	2900	460	150	ND 63	ND 63	ND 63	2200	ND 630	ND 63	ND 63	18000	ND 63
S140A	05/22/2009	REG	93	2800	250	87	ND 83	ND 83	ND 83	1600	ND 830	ND 83	ND 83	13000	ND 83
S140A	11/05/2009	REG	ND 170	1800	600	200	ND 170	ND 170	ND 170	11000	ND 6700	ND 170	ND 170	24000	ND 170
S140A	05/06/2010	REG	120	1500	230	85	ND 83	ND 83	ND 83	2100	ND 3300	ND 83	ND 83	12000	ND 83

Notes:
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APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S140A	11/02/2010	REG	150	3400	140	110	ND 83	ND 83	ND 83	1200	ND 3300	ND 83	ND 83	7900	ND 83
S140A	06/01/2011	REG	86	1300	150	61	ND 42	ND 42	ND 42	2300	ND 1700	ND 42	ND 42	7400	ND 42
S140A	11/10/2011	REG	240	1700	480	180	ND 42	ND 42	ND 42	8200	ND 1700	ND 42	ND 42	25000	ND 42
S140A	06/14/2012	REG	ND 310	5100	590	390	ND 310	ND 310	ND 310	13000	ND 13000	ND 310	ND 310	30000	ND 310
S140A	10/23/2012	REG	280	4000	340	170	ND 100	ND 100	ND 100	4400	ND 4000	ND 100	ND 100	16000	ND 100
S140A	06/18/2013	REG	260	5900	310	200	ND 100	ND 100	ND 100	5000	ND 4000	ND 100	ND 100	19000	ND 100
S140A	11/05/2013	REG	200	4700	380	180	ND 50	ND 50	ND 50	6600	ND 2000	68	ND 50	18000	ND 50
S140A	06/10/2014	REG	ND 170	2700	730	390	ND 170	ND 170	ND 170	26000	ND 6700	ND 170	ND 170	42000	ND 170
S140A	10/29/2014	REG	ND 170	3500	290	ND 170	ND 170	ND 170	ND 170	6400	ND 6700	ND 170	ND 170	18000	ND 170
S140A	05/20/2015	REG	ND 170	5000	210	ND 170	ND 170	ND 170	ND 170	5900	ND 6700	ND 170	ND 170	15000	ND 170
S140A	10/20/2015	REG	ND 100	4300	250	120	ND 100	ND 100	ND 100	6300	ND 4000	ND 100	ND 100	19000	ND 100
S140A	05/25/2016	REG	ND 130	6200	150	ND 130	ND 130	ND 130	ND 130	3300	ND 5000	ND 130	ND 130	12000	ND 130
S140A	10/11/2016	REG	ND 100	4400	560	300	ND 100	ND 100	ND 100	27000	ND 4000	ND 100	ND 100	46000	ND 100
S140A	10/19/2016	REG	ND 17	2100	500	240	ND 17	ND 17	ND 17	27000	ND 670	24	170	52000	32
S140A	12/15/2016	REG	ND 360	3100	720	690	ND 360	ND 360	ND 360	57000	ND 14000	ND 360	ND 360	39000	ND 360
S140A	01/18/2017	REG	ND 360	2100	790	700	ND 360	ND 360	ND 360	65000	ND 14000	ND 360	ND 360	23000	ND 360
S140A	02/16/2017	FD	ND 360	1800	580	450	ND 360	ND 360	ND 360	63000	ND 14000	ND 360	ND 360	1600	ND 360
S140A	02/16/2017	REG	ND 360	2300	600	480	ND 360	ND 360	ND 360	61000	ND 14000	ND 360	ND 360	1900	ND 360
S140A	05/18/2017	FD	ND 360	2000	640	520	ND 360	ND 360	ND 360	75000	ND 14000	ND 360	ND 360	12000	ND 360
S140A	05/18/2017	REG	ND 360	2200	690	460	ND 360	ND 360	ND 360	81000	ND 14000	ND 360	ND 360	10000	ND 360
S140A	08/17/2017	FD	ND 630	3000	1100	900	ND 630	ND 630	ND 630	110000	ND 25000	ND 630	ND 630	33000	ND 630
S140A	08/17/2017	REG	ND 360	2400	900	670	ND 360	ND 360	ND 360	53000	ND 14000	ND 360	ND 360	26000	ND 360
S140A	11/16/2017	FD	ND 500	ND 2000	500	ND 500	ND 500	ND 500	ND 500	51000	ND 20000	ND 500	ND 500	16000	ND 500
S140A	11/16/2017	REG	ND 500	ND 2000	ND 500	ND 500	ND 500	ND 500	ND 500	52000	ND 20000	ND 500	ND 500	12000	ND 500
S140A	05/22/2018	REG	ND 420	ND 1700	650	660	ND 420	ND 420	ND 420	67000	ND 17000	ND 420	ND 420	15000	ND 420
S140A	10/04/2018	REG	ND 500	ND 2000	ND 500	ND 500	ND 500	ND 500	ND 500	46000	ND 20000	ND 500	ND 500	19000	ND 500

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S141A	12/24/1991	REG	ND 250	ND 250	330	ND 250	NT	ND 250	ND 250	40900	NT	ND 250	NT	16000	ND 250
S141A	07/15/1992	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	4100	NT	ND 250	NT	7000	ND 250
S141A	10/09/1992	REG	ND 100	ND 100	120	ND 100	NT	ND 100	ND 100	10000	NT	ND 100	NT	9600	ND 100
S141A	01/08/1993	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	26000	NT	ND 500	NT	19000	ND 500
S141A	04/14/1993	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	2900	NT	ND 500	NT	12000	ND 500
S141A	07/15/1993	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	3500	NT	ND 500	NT	10000	ND 500
S141A	10/13/1993	REG	ND 1000	6000	ND 1000	ND 1000	NT	ND 1000	ND 1000	5700	NT	ND 1000	NT	13000	ND 1000
S141A	01/20/1994	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	7100	NT	ND 500	NT	8900	ND 500
S141A	04/20/1994	REG	ND 500	790	ND 500	ND 500	NT	ND 500	ND 500	4200	NT	ND 500	NT	9600	ND 500
S141A	07/25/1994	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	4100	NT	ND 500	NT	10000	ND 500
S141A	10/04/1994	REG	ND 250	ND 250	ND 250	280	NT	ND 250	ND 250	7700	NT	ND 250	NT	10000	ND 250
S141A	01/13/1995	REG	ND 250	ND 500	ND 250	ND 250	NT	ND 250	ND 250	2800	NT	ND 250	NT	9400	ND 500
S141A	04/21/1995	REG	ND 250	ND 500	280	ND 250	NT	ND 250	ND 250	1600	NT	ND 250	NT	6300	ND 500
S141A	07/14/1995	REG	ND 250	ND 500	ND 250	ND 250	NT	ND 250	ND 250	4700	NT	ND 250	NT	12000	ND 500
S141A	10/30/1995	REG	ND 200	ND 200	ND 200	ND 200	NT	ND 200	ND 200	2300	NT	ND 200	NT	5400	ND 200
S141A	01/15/1996	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	1500	NT	ND 250	NT	5300	ND 250
S141A	04/03/1996	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	1500	NT	ND 250	NT	4000	ND 250
S141A	07/12/1996	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	1000	NT	ND 250	NT	2900	ND 250
S141A	10/09/1996	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	860	NT	ND 100	NT	2700	ND 100
S141A	02/04/1997	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	1100	NT	ND 250	NT	3200	ND 250
S141A	04/08/1997	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	1400	NT	ND 250	NT	5800	ND 250
S141A	07/24/1997	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	1100	NT	ND 250	NT	5200	ND 250
S141A	10/23/1997	REG	ND 50	ND 100	ND 25	ND 100	NT	ND 25	ND 25	1000	NT	ND 25	NT	4600	ND 25
S141A	06/26/1998	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	690	NT	ND 250	NT	6000	ND 250
S141A	12/21/1998	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	680	NT	ND 100	NT	5000	ND 100
S141A	06/04/1999	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	3700	ND 250

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter
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APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S141A	11/15/1999	REG	ND 10	37	12	ND 10	ND 20	ND 10	ND 10	740	ND 100	ND 10	ND 10	5100	ND 10
S141A	04/20/2000	FD	ND 10	ND 100	15	ND 10	ND 10	ND 10	ND 10	490	ND 100	ND 10	ND 10	2600	ND 10
S141A	04/20/2000	REG	ND 10	ND 100	20	ND 10	ND 10	ND 10	ND 10	610	ND 100	ND 10	ND 10	2700	ND 10
S141A	11/01/2000	REG	ND 17	ND 170	26	ND 17	ND 17	ND 17	ND 17	660	ND 170	ND 17	ND 17	3100	ND 17
S141A	04/30/2001	REG	14	ND 100	27	ND 10	ND 10	ND 10	ND 10	740	ND 100	ND 10	ND 10	3300	ND 10
S141A	10/29/2001	REG	24	ND 100	20	ND 10	ND 10	ND 10	ND 10	490	ND 100	ND 10	ND 10	2800	ND 10
S141A	10/24/2002	REG	19	ND 100	15	ND 10	ND 10	ND 10	ND 10	520	ND 100	ND 10	ND 10	2500	ND 10
S141A	10/28/2003	REG	11	ND 50	5.9	ND 5	ND 5	ND 5	ND 5	310	ND 50	ND 5	5.5	1400	ND 5
S141A	10/12/2004	REG	ND 10	ND 100	ND 10	ND 10	ND 10	ND 10	ND 10	300	ND 100	ND 10	17	1000	ND 10
S141A	11/30/2005	REG	19	120	28	13	ND 4.2	ND 4.2	ND 4.2	1200	ND 42	ND 4.2	24	1900	14
S141A	12/04/2006	REG	ND 8.3	ND 83	11	ND 8.3	ND 8.3	ND 8.3	ND 8.3	660	ND 83	ND 8.3	ND 8.3	1200	14
S141A	07/26/2007	REG	ND 10	ND 100	20	ND 10	ND 10	ND 10	ND 10	1200	ND 100	ND 10	ND 10	1400	12
S141A	10/28/2008	REG	ND 10	ND 100	15	ND 10	ND 10	ND 10	ND 10	1100	ND 100	ND 10	ND 10	2200	88
S141A	10/30/2009	REG	ND 20	ND 80	ND 20	ND 20	ND 20	ND 20	ND 20	790	ND 800	ND 20	ND 20	1800	ND 20
S141A	10/29/2010	REG	ND 13	ND 50	ND 13	ND 13	ND 13	ND 13	ND 13	330	ND 500	ND 13	ND 13	1200	ND 13
S141A	12/05/2011	REG	ND 13	63	14	ND 13	ND 13	ND 13	ND 13	1600	ND 500	ND 13	ND 13	1500	76
S141A	11/12/2012	REG	ND 5.0	ND 20	6	ND 5.0	ND 5.0	ND 5.0	ND 5.0	660	ND 200	5.7	6	1100	120
S141A	11/19/2013	REG	ND 7.1	ND 29	ND 7.1	ND 7.1	ND 7.1	ND 7.1	ND 7.1	1200	ND 290	ND 7.1	9.3	710	450
S141A	11/15/2014	REG	ND 7.1	ND 29	7.3	ND 7.1	ND 7.1	ND 7.1	ND 7.1	1600	ND 290	ND 7.1	10	520	520
S141A	12/01/2015	REG	ND 10	ND 40	ND 10	ND 10	ND 10	ND 10	ND 10	1900	ND 400	ND 10	18	500	590
S141A	10/19/2016	REG	ND 10	ND 40	ND 10	ND 10	ND 10	ND 10	ND 10	1600	ND 400	ND 10	15	270	350
S141A	11/20/2016	REG	ND 10	79	16	ND 10	ND 10	ND 10	ND 10	2600	ND 400	ND 10	14	1000	170
S141A	12/14/2016	REG	ND 10	61	ND 10	ND 10	ND 10	ND 10	ND 10	1000	ND 400	ND 10	ND 10	1300	78
S141A	01/17/2017	REG	ND 10	97	ND 10	ND 10	ND 10	ND 10	ND 10	990	ND 400	ND 10	11	1300	26
S141A	02/15/2017	REG	ND 10	53	ND 10	ND 10	ND 10	ND 10	ND 10	720	ND 400	ND 10	ND 10	930	ND 10
S141A	05/18/2017	REG	30	820	ND 7.1	28	ND 7.1	ND 7.1	ND 7.1	1700	ND 290	ND 7.1	14	2400	ND 7.1

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S141A	08/16/2017	REG	33	1300	ND 25	46	ND 25	ND 25	ND 25	2500	ND 1000	ND 25	ND 25	4400	67
S141A	11/05/2017	REG	ND 17	780	ND 17	18	ND 17	ND 17	ND 17	1000	ND 670	ND 17	ND 17	3800	22
S141A	11/16/2017	REG	ND 25	310	ND 25	ND 25	ND 25	ND 25	ND 25	900	ND 1000	ND 25	ND 25	2600	ND 25
S141A	11/14/2018	REG	ND 25	1500	ND 25	20 J	ND 25	ND 25	ND 25	1200	160 B	ND 25	ND 25	72000	ND 25
S141B1	04/11/1992	REG	ND 1250	27000	ND 1250	ND 1250	NT	ND 1250	ND 1250	ND 1250	NT	ND 1250	NT	75000	ND 1250
S141B1	07/15/1992	REG	ND 250	15000	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	31000	ND 250
S141B1	01/19/1993	REG	ND 2500	73000	ND 2500	ND 2500	NT	ND 2500	ND 2500	ND 2500	NT	ND 2500	NT	220000	ND 2500
S141B1	03/15/1993	REG	ND 5000	100000	ND 5000	ND 5000	NT	ND 5000	ND 5000	ND 5000	NT	ND 5000	NT	240000	ND 5000
S141B1	04/14/1993	REG	ND 2500	24000	ND 2500	ND 2500	NT	ND 2500	ND 2500	ND 2500	NT	ND 2500	NT	180000	ND 2500
S141B1	07/12/1993	REG	ND 5000	ND 5000	ND 5000	ND 5000	NT	ND 5000	ND 5000	12000	NT	ND 5000	NT	310000	ND 5000
S141B1	10/11/1993	REG	ND 5000	44000	ND 5000	ND 5000	NT	ND 5000	ND 5000	ND 5000	NT	ND 5000	NT	160000	ND 5000
S141B1	01/20/1994	REG	ND 5000	11000	ND 5000	ND 5000	NT	ND 5000	ND 5000	ND 5000	NT	ND 5000	NT	67000	ND 5000
S141B1	07/29/1994	REG	ND 2500	51000	ND 2500	ND 2500	NT	ND 2500	ND 2500	ND 2500	NT	ND 2500	NT	110000	ND 2500
S141B1	01/19/1995	REG	ND 2500	34000	ND 2500	ND 2500	NT	ND 2500	ND 2500	ND 2500	NT	ND 2500	NT	101000	ND 5000
S141B1	07/18/1995	REG	ND 2500	60000	ND 2500	ND 2500	NT	ND 2500	2900	ND 2500	NT	ND 2500	NT	93000	ND 5000
S141B1	10/24/1995	REG	ND 130	1800	ND 130	ND 130	NT	ND 130	ND 130	3900	NT	ND 130	NT	5400	ND 130
S141B1	01/23/1996	REG	ND 50	1900	58	ND 50	NT	ND 50	ND 50	4200	NT	ND 50	NT	2600	ND 50
S141B1	05/20/1996	REG	ND 2500	39000	ND 2500	ND 2500	NT	ND 2500	ND 2500	ND 2500	NT	ND 2500	NT	69000	ND 2500
S141B1	07/16/1996	REG	ND 2500	27000	ND 2500	ND 2500	NT	ND 2500	ND 2500	ND 2500	NT	ND 2500	NT	67000	ND 2500
S141B1	02/07/1997	REG	1200	9800	ND 1000	ND 1000	NT	ND 1000	ND 1000	1700	NT	ND 1000	NT	45000	ND 1000
S141B1	04/09/1997	REG	3000	11000	ND 2500	ND 2500	NT	ND 2500	ND 2500	ND 2500	NT	ND 2500	NT	74000	ND 2500
S141B1	07/28/1997	REG	1500	6200	ND 1000	ND 1000	NT	ND 1000	ND 1000	ND 1000	NT	ND 1000	NT	53000	ND 1000
S141B1	10/28/1997	REG	5200	12000	ND 500	ND 2000	NT	ND 500	ND 500	1900	NT	ND 500	NT	66000	ND 500
S141B1	04/15/1998	REG	7100	18000	550	ND 500	NT	ND 500	ND 500	710	NT	ND 500	NT	100000	ND 500
S141B1	10/14/1998	REG	5700	ND 2500	ND 2500	ND 2500	NT	ND 2500	ND 2500	ND 2500	NT	ND 2500	NT	76000	ND 2500
S141B1	01/22/1999	REG	3700	15000	ND 2500	ND 2500	ND 5000	ND 2500	ND 2500	ND 2500	ND 25000	ND 2500	ND 2500	56000	ND 2500

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S141B1	06/09/1999	REG	4000	25000	ND 2500	ND 2500	ND 5000	ND 2500	ND 2500	ND 2500	ND 25000	ND 2500	ND 2500	67000	ND 2500
S141B1	09/27/1999	FD	6100	7700	900	680	ND 200	ND 100	ND 100	2500	ND 1000	150	ND 100	50000	ND 100
S141B1	09/27/1999	REG	3400	39000	ND 250	ND 250	ND 500	ND 250	ND 250	820	ND 2500	ND 250	ND 250	94000	ND 250
S141B1	04/03/2000	FD	2600	14000	410	540	ND 200	ND 200	ND 200	1100	ND 2000	ND 200	ND 200	45000	ND 200
S141B1	04/03/2000	REG	4000	20000	620	820	ND 310	ND 310	ND 310	1500	ND 2500	ND 310	ND 310	59000	ND 310
S141B1	10/02/2000	FD	3000	10000	480	550	ND 130	ND 130	ND 130	1900	ND 1300	ND 130	ND 130	42000	ND 130
S141B1	10/02/2000	REG	2500	8700	470	540	ND 130	ND 130	ND 130	1800	ND 1300	ND 130	ND 130	40000	ND 130
S141B1	04/02/2001	FD	6500	21000	1300	1900	53	ND 25	ND 25	3400	ND 250	33	ND 25	96000	ND 25
S141B1	04/02/2001	REG	3100	13000	720	740	ND 130	ND 130	ND 130	2000	ND 1300	ND 130	ND 130	48000	ND 130
S141B1	10/02/2001	FD	2600	13000	200	810	ND 170	ND 170	ND 170	3600	ND 1700	ND 170	ND 170	45000	ND 170
S141B1	10/02/2001	REG	2800	13000	220	680	ND 170	ND 170	ND 170	3600	ND 1700	ND 170	ND 170	47000	ND 170
S141B1	04/16/2002	REG	4000	10000	290	600	ND 170	ND 170	ND 170	1400	ND 1700	ND 170	ND 170	52000	ND 170
S141B1	10/04/2002	REG	3100	13000	280	480	ND 170	ND 170	ND 170	2100	ND 1700	ND 170	ND 170	52000	ND 170
S141B1	04/09/2003	REG	3100	8700	230	500	ND 170	ND 170	ND 170	1400	ND 1700	ND 170	ND 170	51000	ND 170
S141B1	10/15/2003	REG	1400	5800	140	310	ND 130	ND 130	ND 130	1700	ND 1300	ND 130	ND 130	33000	ND 130
S141B1	04/27/2004	REG	1700	7500	200	390	ND 130	ND 130	ND 130	1500	ND 1300	ND 130	ND 130	34000	ND 130
S141B1	10/15/2004	REG	1100	9300	ND 250	320	ND 250	ND 250	ND 250	940	ND 2500	ND 250	ND 250	26000	ND 250
S141B1	04/04/2005	REG	1300	12000	ND 170	380	ND 170	ND 170	ND 170	780	ND 1700	ND 170	ND 170	28000	ND 170
S141B1	12/02/2005	REG	290	3800	ND 100	160	ND 100	ND 100	ND 100	1700	ND 1000	ND 100	ND 100	14000	ND 100
S141B1	06/26/2006	FD	310	6500	ND 200	ND 200	ND 200	ND 200	ND 200	550	ND 2000	ND 200	ND 200	35000	ND 200
S141B1	06/26/2006	REG	340	8100	100	230	ND 100	ND 100	ND 100	510	ND 1000	ND 100	ND 100	39000	ND 100
S141B1	11/02/2006	REG	1100	13000	170	580	ND 130	ND 130	ND 130	860	ND 1300	ND 130	ND 130	38000	ND 130
S141B1	05/01/2007	REG	1100	13000	ND 310	420	ND 310	ND 310	ND 310	850	ND 3100	ND 310	ND 310	43000	ND 310
S141B1	07/03/2007	REG	820	9200	ND 310	430	ND 310	ND 310	ND 310	920	ND 3100	ND 310	ND 310	32000	ND 310
S141B1	10/18/2008	REG	440	7700	ND 250	430	ND 250	ND 250	ND 250	460	ND 2500	ND 250	ND 250	36000	ND 250
S141B1	05/22/2009	REG	550	7500	ND 130	310	ND 130	ND 130	ND 130	540	ND 1300	ND 130	ND 130	24000	ND 130

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S141B1	11/06/2009	REG	530	4500	ND 130	250	ND 130	ND 130	ND 130	570	ND 5000	ND 130	ND 130	23000	ND 130
S141B1	05/06/2010	REG	460	4100	ND 130	260	ND 130	ND 130	ND 130	840	ND 5000	ND 130	ND 130	23000	ND 130
S141B1	11/02/2010	REG	540	6900	130	410	ND 130	ND 130	ND 130	680	ND 5000	ND 130	ND 130	25000	ND 130
S141B1	06/01/2011	REG	460	3300	ND 170	260	ND 170	ND 170	ND 170	410	ND 6700	ND 170	ND 170	22000	ND 170
S141B1	11/10/2011	REG	430	3800	ND 130	270	ND 130	ND 130	ND 130	430	ND 5000	ND 130	ND 130	16000	ND 130
S141B1	06/14/2012	REG	320	3100	ND 130	150	ND 130	ND 130	ND 130	560	ND 5000	ND 130	ND 130	15000	ND 130
S141B1	10/23/2012	REG	430	4700	ND 130	260	ND 130	ND 130	ND 130	380	ND 5000	ND 130	ND 130	18000	ND 130
S141B1	06/18/2013	REG	460	5200	ND 130	270	ND 130	ND 130	ND 130	440	ND 5000	ND 130	ND 130	19000	ND 130
S141B1	11/05/2013	REG	300	3900	ND 170	180	ND 170	ND 170	ND 170	480	ND 6700	ND 170	ND 170	17000	ND 170
S141B1	06/10/2014	REG	350	3800	ND 170	230	ND 170	ND 170	ND 170	610	ND 6700	ND 170	ND 170	18000	ND 170
S141B1	10/29/2014	REG	440	6800	ND 170	280	ND 170	ND 170	ND 170	650	ND 6700	ND 170	ND 170	20000	ND 170
S141B1	05/20/2015	REG	370	5700	ND 170	220	ND 170	ND 170	ND 170	800	ND 6700	ND 170	ND 170	19000	ND 170
S141B1	10/20/2015	REG	290	5200	ND 130	190	ND 130	ND 130	ND 130	410	ND 5000	ND 130	ND 130	19000	ND 130
S141B1	05/25/2016	REG	190	2400	ND 63	120	ND 63	ND 63	ND 63	380	ND 2500	ND 63	ND 63	12000	ND 63
S141B1	10/11/2016	REG	260	2800	ND 83	110	ND 83	ND 83	ND 83	450	ND 3300	ND 83	ND 83	14000	ND 83
S141B1	12/21/2017	REG	97	1900	20	130	ND 8.3	ND 8.3	ND 8.3	810	ND 330	12	14	13000	ND 8.3
S141B1	05/22/2018	REG	ND 100	3400	ND 100	100	ND 100	ND 100	ND 100	1600	ND 4000	ND 100	ND 100	19000	ND 100
S141B1	10/04/2018	REG	ND 130	2000	ND 130	ND 130	ND 130	ND 130	ND 130	1500	ND 5000	ND 130	ND 130	14000	ND 130
S142A	04/09/1997	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	4200	NT	ND 500	NT	20000	ND 500
S142A	07/28/1997	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	2300	NT	ND 500	NT	18000	ND 500
S142A	10/28/1997	REG	ND 200	ND 400	ND 100	ND 400	NT	ND 100	ND 100	2800	NT	ND 100	NT	18000	ND 100
S142A	04/15/1998	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	4300	NT	ND 500	NT	19000	ND 500
S142A	10/14/1998	REG	ND 1000	ND 1000	ND 1000	ND 1000	NT	ND 1000	ND 1000	4100	NT	ND 1000	NT	17000	ND 1000
S142A	01/22/1999	REG	ND 1000	ND 1000	ND 1000	ND 1000	ND 2000	ND 1000	ND 1000	6300	ND 10000	ND 1000	ND 1000	18000	ND 1000
S142A	06/09/1999	REG	ND 1000	ND 1000	ND 1000	ND 1000	ND 2000	ND 1000	ND 1000	5700	ND 10000	ND 1000	ND 1000	15000	ND 1000
S142A	09/27/1999	REG	ND 5	ND 5	58	16	ND 10	ND 5	ND 5	5500	ND 50	11	51	14000	33

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S142A	04/03/2000	REG	ND 50	ND 500	62	ND 50	ND 50	ND 50	ND 50	5300	ND 500	ND 50	63	12000	ND 50
S142A	10/02/2000	REG	ND 31	ND 310	54	ND 31	ND 31	ND 31	ND 31	5700	ND 310	ND 31	36	8800	ND 31
S142A	04/02/2001	REG	ND 31	ND 310	41	ND 31	ND 31	ND 31	ND 31	3700	ND 310	ND 31	ND 31	7000	48
S142A	10/02/2001	REG	ND 25	ND 250	ND 25	ND 25	ND 25	ND 25	ND 25	2900	ND 250	ND 25	43	5800	ND 25
S142A	04/16/2002	REG	ND 10	ND 100	17	ND 10	ND 10	ND 10	ND 10	840	ND 100	ND 10	40	3300	ND 10
S142A	10/04/2002	REG	11	ND 100	13	ND 10	ND 10	ND 10	ND 10	300	ND 100	ND 10	19	2400	ND 10
S142A	04/09/2003	REG	ND 8.3	ND 83	13	ND 8.3	ND 8.3	ND 8.3	ND 8.3	1100	ND 83	ND 8.3	9.5	3000	13
S142A	10/15/2003	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.9	3.9	ND 5	ND 0.5	ND 0.5	33	ND 0.5
S142A	04/27/2004	REG	ND 5	ND 50	5.8	ND 5	ND 5	ND 5	ND 5	460	ND 50	ND 5	8.8	1200	ND 5
S142A	10/15/2004	REG	ND 8.3	ND 83	26	ND 8.3	ND 8.3	ND 8.3	ND 8.3	880	ND 83	ND 8.3	100	2400	8.4
S142A	04/04/2005	REG	ND 7.1	ND 71	8.9	ND 7.1	ND 7.1	ND 7.1	ND 7.1	440	ND 71	ND 7.1	ND 7.1	1000	ND 7.1
S142A	12/01/2005	REG	ND 7.1	ND 71	14	ND 7.1	ND 7.1	ND 7.1	ND 7.1	280	ND 71	ND 7.1	ND 7.1	1400	ND 7.1
S142A	06/21/2006	REG	ND 13	ND 130	16	ND 13	ND 13	ND 13	ND 13	1100	ND 130	ND 13	ND 13	1500	37
S142A	11/02/2006	REG	ND 8.3	ND 83	11	ND 8.3	ND 8.3	ND 8.3	ND 8.3	330	ND 83	ND 8.3	ND 8.3	1300	ND 8.3
S142A	05/01/2007	REG	ND 13	ND 130	17	ND 13	ND 13	ND 13	ND 13	2300	ND 130	ND 13	59	1800	ND 13
S142A	07/03/2007	REG	2.7	ND 17	7.7	3.6	ND 1.7	ND 1.7	ND 1.7	300	ND 17	3	11	920	ND 1.7
S142A	10/18/2008	REG	ND 17	ND 170	34	18	ND 17	ND 17	ND 17	4200	ND 170	ND 17	220	2600	140
S142A	05/22/2009	REG	ND 8.3	ND 83	11	ND 8.3	ND 8.3	ND 8.3	ND 8.3	1200	ND 83	ND 8.3	91	1100	ND 8.3
S142A	11/06/2009	REG	ND 8.3	ND 33	14	ND 8.3	ND 8.3	ND 8.3	ND 8.3	1300	ND 330	ND 8.3	28	1100	ND 8.3
S142A	05/06/2010	REG	ND 5.0	24	9.6	ND 5.0	ND 5.0	ND 5.0	ND 5.0	710	ND 200	ND 5.0	89	780	ND 5.0
S142A	11/02/2010	REG	140	720	54	55	ND 5.0	ND 5.0	ND 5.0	1300	ND 200	ND 5.0	28	7200	ND 5.0
S142A	06/01/2011	REG	ND 5.0	39	7.4	ND 5.0	ND 5.0	ND 5.0	ND 5.0	620	ND 200	ND 5.0	18	720	ND 5.0
S142A	11/10/2011	REG	17	150	14	12	ND 5.0	ND 5.0	ND 5.0	1100	ND 200	5.3	26	1500	ND 5.0
S142A	06/14/2012	REG	ND 5.0	ND 20	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	520	ND 200	ND 5.0	6.4	650	8.9
S142A	10/23/2012	REG	ND 5.0	54	5.4	ND 5.0	ND 5.0	ND 5.0	ND 5.0	440	ND 200	ND 5.0	8.3	500	ND 5.0
S142A	06/18/2013	REG	ND 5.0	ND 20	6.2	ND 5.0	ND 5.0	ND 5.0	ND 5.0	660	ND 200	ND 5.0	11	720	ND 5.0

Notes:
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S142A	11/05/2013	REG	ND 3.6	48	7.9	3.9	ND 3.6	ND 3.6	ND 3.6	480	ND 140	ND 3.6	5.8	500	ND 3.6
S142A	06/10/2014	REG	ND 2.5	34	3.1	ND 2.5	ND 2.5	ND 2.5	ND 2.5	120	ND 100	ND 2.5	ND 2.5	290	ND 2.5
S142A	10/29/2014	REG	ND 2.5	27	8.1	3.1	ND 2.5	ND 2.5	ND 2.5	820	ND 100	ND 2.5	11	650	ND 2.5
S142A	05/20/2015	REG	ND 3.6	29	4.8	ND 3.6	ND 3.6	ND 3.6	ND 3.6	230	ND 140	ND 3.6	5.2	410	ND 3.6
S142A	10/20/2015	REG	ND 5.0	23	7.7	ND 5.0	ND 5.0	ND 5.0	ND 5.0	840	ND 200	ND 5.0	14	680	16
S142A	05/25/2016	REG	ND 3.6	ND 14	8.5	ND 3.6	ND 3.6	ND 3.6	ND 3.6	900	ND 140	4.3	18	560	ND 3.6
S142A	10/11/2016	REG	ND 6.3	ND 25	7.9	ND 6.3	ND 6.3	ND 6.3	ND 6.3	1000	ND 250	ND 6.3	ND 6.3	800	ND 6.3
S142A	05/22/2018	REG	ND 6.3	ND 25	18	ND 6.3	ND 6.3	ND 6.3	ND 6.3	1300	ND 250	ND 6.3	12	160	110
S142A	10/04/2018	REG	ND 10	ND 40	12	ND 10	ND 10	ND 10	ND 10	1900	ND 400	ND 10	40	340	92
S143A	12/01/1991	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	14000	NT	ND 250	NT	43000	ND 250
S143A	08/28/1996	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	4500	NT	ND 500	NT	14000	ND 500
S143A	04/11/1997	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	3100	NT	ND 500	NT	10000	ND 500
S143A	06/30/1997	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	4200	NT	ND 500	NT	19000	ND 500
S143A	01/23/1998	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	7100	NT	ND 500	NT	25000	ND 500
S143A	04/15/1998	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	8400	NT	ND 500	NT	20000	ND 500
S143A	07/07/1998	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	2900	NT	ND 500	NT	13000	ND 500
S143A	10/15/1998	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	1800	NT	ND 100	NT	4200	ND 100
S143A	01/22/1999	REG	ND 1000	ND 1000	ND 1000	ND 1000	ND 2000	ND 1000	ND 1000	4600	ND 10000	ND 1000	ND 1000	12000	ND 1000
S143A	06/09/1999	REG	ND 1000	ND 1000	ND 1000	ND 1000	ND 2000	ND 1000	ND 1000	3600	ND 10000	ND 1000	ND 1000	11000	ND 1000
S143A	09/27/1999	REG	ND 5	ND 5	75	ND 5	ND 10	ND 5	ND 5	1800	ND 50	ND 5	12	3000	ND 5
S143A	04/03/2000	REG	ND 31	ND 310	140	ND 31	ND 31	ND 31	ND 31	2100	ND 310	ND 31	42	8200	ND 31
S143A	10/02/2000	REG	ND 20	ND 200	98	ND 20	ND 20	ND 20	ND 20	1800	ND 200	ND 20	39	5900	ND 20
S143A	04/06/2001	REG	ND 8.3	ND 83	19	ND 8.3	ND 8.3	ND 8.3	ND 8.3	420	ND 83	ND 8.3	ND 8.3	2500	ND 8.3
S143A	10/02/2001	REG	ND 17	ND 170	35	ND 17	ND 17	ND 17	ND 17	1100	ND 170	ND 17	23	4100	ND 17
S143A	04/16/2002	FD	7.1	ND 25	4.8	ND 2.5	ND 2.5	ND 2.5	ND 2.5	75	ND 25	3.9	8.8	830	ND 2.5
S143A	04/16/2002	REG	6.6	ND 31	4.7	ND 3.1	ND 3.1	ND 3.1	ND 3.1	73	ND 31	3.7	7.9	870	ND 3.1

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S143A	10/04/2002	REG	5.9	ND 31	6.3	ND 3.1	ND 3.1	ND 3.1	ND 3.1	87	ND 31	ND 3.1	6.7	1100	ND 3.1
S143A	04/09/2003	REG	3.6	ND 36	37	12	ND 3.6	ND 3.6	ND 3.6	830	ND 36	ND 3.6	16	2500	3.6
S143A	10/15/2003	REG	ND 8.3	ND 83	29	ND 8.3	ND 8.3	ND 8.3	ND 8.3	1000	ND 83	ND 8.3	25	2400	ND 8.3
S143A	04/27/2004	REG	ND 8.3	ND 83	45	ND 8.3	ND 8.3	ND 8.3	ND 8.3	840	ND 83	ND 8.3	42	2500	ND 8.3
S143A	10/15/2004	REG	ND 17	ND 170	40	ND 17	ND 17	ND 17	ND 17	640	ND 170	ND 17	25	1800	ND 17
S143A	04/04/2005	REG	ND 3.1	ND 31	7.7	ND 3.1	ND 3.1	ND 3.1	ND 3.1	170	ND 31	ND 3.1	7.2	440	4.1
S143A	12/01/2005	REG	4.6	ND 31	12	ND 3.1	ND 3.1	ND 3.1	ND 3.1	340	ND 31	3.7	9.3	1400	13
S143A	06/21/2006	REG	ND 20	ND 200	65	ND 20	ND 20	ND 20	ND 20	2100	ND 200	ND 20	35	2200	23
S143A	11/02/2006	REG	ND 4.2	54	12	5.1	ND 4.2	ND 4.2	ND 4.2	650	ND 42	ND 4.2	8	910	ND 4.2
S143A	05/01/2007	REG	ND 17	ND 170	20	ND 17	ND 17	ND 17	ND 17	1400	ND 170	ND 17	ND 17	1800	ND 17
S143A	07/03/2007	REG	ND 2	34	7.6	2.7	ND 2	ND 2	ND 2	330	ND 20	2.7	14	520	ND 2
S143A	10/18/2008	REG	42	600	ND 25	47	ND 25	ND 25	ND 25	1500	ND 250	ND 25	ND 25	4900	ND 25
S143A	05/22/2009	REG	ND 3.6	61	4.8	ND 3.6	ND 3.6	ND 3.6	ND 3.6	400	ND 36	ND 3.6	14	560	ND 3.6
S143A	11/06/2009	REG	ND 3.6	19	10	ND 3.6	ND 3.6	ND 3.6	ND 3.6	950	ND 140	ND 3.6	9.1	720	ND 3.6
S143A	05/06/2010	REG	ND 2.5	40	ND 2.5	ND 2.5	ND 2.5	ND 2.5	ND 2.5	100	ND 100	ND 2.5	5	320	ND 2.5
S143A	11/02/2010	REG	30	290	48	21	ND 2.5	ND 2.5	ND 2.5	2100	ND 100	5.9	24	2900	2.9
S143A	06/21/2011	REG	ND 3.1	28	ND 3.1	ND 3.1	ND 3.1	ND 3.1	ND 3.1	200	ND 130	ND 3.1	ND 3.1	360	ND 3.1
S143A	11/10/2011	REG	ND 2.5	18	6.8	3.5	ND 2.5	ND 2.5	ND 2.5	430	ND 100	ND 2.5	4.6	420	ND 2.5
S143A	06/14/2012	REG	ND 2.5	52	2.8	ND 2.5	ND 2.5	ND 2.5	ND 2.5	200	ND 100	ND 2.5	2.7	420	ND 2.5
S143A	10/23/2012	REG	ND 2.5	32	5.5	ND 2.5	ND 2.5	ND 2.5	ND 2.5	360	ND 100	ND 2.5	6.8	310	ND 2.5
S143A	06/18/2013	REG	ND 2.5	26	5.7	3.4	ND 2.5	ND 2.5	ND 2.5	350	ND 100	ND 2.5	5.4	350	ND 2.5
S143A	11/05/2013	REG	ND 3.6	24	8.1	4.3	ND 3.6	ND 3.6	ND 3.6	410	ND 140	ND 3.6	4.5	330	ND 3.6
S143A	06/10/2014	REG	ND 2.5	23	3.6	ND 2.5	ND 2.5	ND 2.5	ND 2.5	310	ND 100	ND 2.5	ND 2.5	280	ND 2.5
S143A	10/29/2014	REG	ND 2.5	21	11	3.1	ND 2.5	ND 2.5	ND 2.5	580	ND 100	ND 2.5	6.1	300	ND 2.5
S143A	05/20/2015	REG	ND 5.0	24	6.5	ND 5.0	ND 5.0	ND 5.0	ND 5.0	520	ND 200	ND 5.0	ND 5.0	330	ND 5.0
S143A	10/20/2015	REG	ND 7.1	ND 29	14	ND 7.1	ND 7.1	ND 7.1	ND 7.1	970	ND 290	ND 7.1	14	340	ND 7.1

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S143A	05/25/2016	REG	ND 3.6	ND 14	8.6	ND 3.6	ND 3.6	ND 3.6	ND 3.6	570	ND 140	ND 3.6	6.7	290	ND 3.6
S143A	10/11/2016	REG	ND 3.6	ND 14	10	ND 3.6	ND 3.6	ND 3.6	ND 3.6	750	ND 140	ND 3.6	6	370	ND 3.6
S143A	10/20/2016	REG	ND 8.3	ND 33	10	ND 8.3	ND 8.3	ND 8.3	ND 8.3	760	ND 330	ND 8.3	ND 8.3	320	ND 8.3
S143A	12/14/2016	REG	ND 5.0	41	5.2	ND 5.0	ND 5.0	ND 5.0	ND 5.0	390	ND 200	ND 5.0	ND 5.0	860	ND 5.0
S143A	01/17/2017	REG	ND 5.0	38	6.5	ND 5.0	ND 5.0	ND 5.0	ND 5.0	620	ND 200	ND 5.0	5.4	1100	ND 5.0
S143A	02/15/2017	REG	1.4	11	1.1	ND 0.5	ND 0.5	ND 0.5	ND 0.5	96	ND 20	1.2	1.1	150	1.4
S143A	05/17/2017	REG	1.2	19	3.1	1.5	ND 1.0	ND 1.0	ND 1.0	380	ND 40	2	2.8	640	8.3
S143A	08/16/2017	REG	ND 5.0	ND 20	9.1	ND 5.0	ND 5.0	ND 5.0	ND 5.0	1000	ND 200	ND 5.0	8	190	46
S143A	11/15/2017	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 20	ND 0.5	ND 0.5	ND 0.5	ND 0.5
S143A	11/15/2017	REG	ND 7.1	ND 29	32	13	ND 7.1	ND 7.1	ND 7.1	3900	ND 290	ND 7.1	57	210	230
S143A	05/22/2018	REG	ND 5.0	ND 20	5.7	ND 5.0	ND 5.0	ND 5.0	ND 5.0	450	ND 200	ND 5.0	8.2	700	ND 5.0
S143A	10/04/2018	REG	ND 5.0	ND 20	6.6	ND 5.0	ND 5.0	ND 5.0	ND 5.0	870	ND 200	ND 5.0	21	370	41
S144A	12/24/1991	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	16720	NT	ND 250	NT	23000	ND 250
S144A	07/15/1992	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	3300	NT	ND 250	NT	3900	ND 250
S144A	01/19/1993	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	9900	NT	ND 500	NT	32000	ND 500
S144A	04/14/1993	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	1900	NT	ND 500	NT	33000	ND 500
S144A	07/12/1993	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	4700	NT	ND 500	NT	11000	ND 500
S144A	10/11/1993	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	3800	NT	ND 500	NT	6600	ND 500
S144A	01/20/1994	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	3600	NT	ND 250	NT	7900	ND 250
S144A	04/19/1994	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	4800	NT	ND 250	NT	22000	ND 250
S144A	07/22/1994	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	2400	NT	ND 100	NT	4500	ND 100
S144A	10/04/1994	REG	ND 100	ND 100	ND 100	130	NT	ND 100	ND 100	2500	NT	ND 100	NT	8400	ND 100
S144A	04/21/1995	REG	ND 100	ND 200	130	ND 100	NT	ND 100	ND 100	1700	NT	ND 100	NT	3600	ND 200
S144A	07/18/1995	REG	ND 50	ND 100	ND 50	ND 50	NT	ND 50	ND 50	1500	NT	ND 50	NT	2200	ND 100
S144A	10/24/1995	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	2300	NT	ND 100	NT	4500	ND 100
S144A	01/23/1996	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	2300	NT	ND 50	NT	7500	ND 50

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S144A	04/04/1996	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	2000	NT	ND 50	NT	3900	ND 50
S144A	07/16/1996	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	2000	NT	ND 250	NT	4500	ND 250
S144A	10/10/1996	REG	ND 200	ND 200	ND 200	ND 200	NT	ND 200	ND 200	1900	NT	ND 200	NT	4300	ND 200
S144A	02/07/1997	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	1300	NT	ND 100	NT	3000	ND 100
S144A	04/09/1997	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	710	NT	ND 100	NT	2100	ND 100
S144A	07/28/1997	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	570	NT	ND 100	NT	2300	ND 100
S144A	10/28/1997	REG	27	300	12	ND 40	NT	ND 10	30	480	NT	ND 10	NT	2700	ND 10
S144A	04/15/1998	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	840	NT	ND 100	NT	2800	ND 100
S144A	10/14/1998	REG	ND 100	ND 100	NT	NT	NT	ND 100	NT	1800	NT	NT	NT	4200	NT
S144A	01/22/1999	REG	ND 250	600	ND 250	ND 250	ND 500	ND 250	ND 250	940	ND 2500	ND 250	ND 250	1800	ND 250
S144A	06/09/1999	REG	ND 250	ND 250	ND 250	ND 250	ND 500	ND 250	ND 250	770	ND 2500	ND 250	ND 250	1500	ND 250
S144A	09/27/1999	REG	ND 2.5	ND 2.5	7.9	ND 2.5	ND 5	ND 2.5	ND 2.5	1100	ND 25	4.2	8.8	1500	ND 2.5
S144A	04/03/2000	REG	ND 5	ND 50	14	6.7	ND 5	ND 5	ND 5	1000	ND 50	ND 5	41	1400	11
S144A	10/02/2000	REG	ND 3.1	ND 31	4.8	ND 3.1	ND 3.1	ND 3.1	ND 3.1	440	ND 31	3.6	18	820	ND 3.1
S144A	04/02/2001	REG	2	48	2.6	1.4	ND 1.3	ND 1.3	ND 1.3	220	ND 13	3.3	10	470	1.4
S144A	10/02/2001	REG	2.6	ND 17	ND 1.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	120	ND 17	3.4	3.4	400	ND 1.7
S144A	04/16/2002	REG	3.5	ND 10	3.2	1.8	ND 1	ND 1	ND 1	150	ND 10	4.4	4	390	1.5
S144A	10/04/2002	REG	3.7	34	4.3	1.7	ND 1.3	ND 1.3	ND 1.3	190	ND 13	3.3	2.7	460	ND 1.3
S144A	04/09/2003	REG	4.3	150	3.6	1.6	ND 0.8	ND 0.8	1.6	110	ND 8.3	4.1	2.8	250	ND 0.8
S144A	10/15/2003	REG	6.3	71	4.5	2.4	ND 2	ND 2	ND 2	180	ND 20	4.7	2.7	330	ND 2
S144A	04/27/2004	REG	94	610	12	37	ND 1.3	ND 1.3	ND 1.3	240	ND 13	4.9	4.1	1300	1.6
S144A	10/15/2004	REG	ND 3.1	58	5.6	ND 3.1	ND 3.1	ND 3.1	ND 3.1	350	ND 31	3.6	15	320	ND 3.1
S144A	04/04/2005	REG	ND 2.5	ND 25	2.8	ND 2.5	ND 2.5	ND 2.5	ND 2.5	170	ND 25	2.9	3.2	290	ND 2.5
S144A	11/30/2005	REG	ND 13	ND 130	24	ND 13	ND 13	ND 13	ND 13	2100	ND 130	ND 13	31	720	36
S144A	06/21/2006	REG	ND 5	56	14	ND 5	ND 5	ND 5	ND 5	680	ND 50	5.2	16	580	ND 5
S144A	11/02/2006	REG	ND 2.5	65	2.6	ND 2.5	ND 2.5	ND 2.5	ND 2.5	120	ND 25	3.1	ND 2.5	580	ND 2.5

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APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S144A	05/01/2007	REG	ND 4.2	79	ND 4.2	ND 4.2	ND 4.2	ND 4.2	ND 4.2	88	ND 42	ND 4.2	ND 4.2	580	ND 4.2
S144A	07/03/2007	REG	ND 4.2	86	4.9	ND 4.2	ND 4.2	ND 4.2	ND 4.2	460	ND 42	ND 4.2	8.3	420	ND 4.2
S144A	10/18/2008	REG	ND 5.0	ND 50	5.8	ND 5.0	ND 5.0	ND 5.0	ND 5.0	350	ND 50	ND 5.0	7.7	880	ND 5.0
S144A	05/22/2009	REG	ND 3.1	77	3.7	ND 3.1	ND 3.1	ND 3.1	ND 3.1	200	ND 31	ND 3.1	7.5	450	ND 3.1
S144A	11/06/2009	REG	ND 3.1	42	7.6	ND 3.1	ND 3.1	ND 3.1	ND 3.1	520	ND 130	3.5	7.8	310	ND 3.1
S144A	05/06/2010	REG	ND 3.1	45	3.5	ND 3.1	ND 3.1	ND 3.1	ND 3.1	210	ND 130	ND 3.1	ND 3.1	390	ND 3.1
S144A	11/02/2010	REG	ND 3.1	66	5.6	ND 3.1	ND 3.1	ND 3.1	ND 3.1	370	ND 130	ND 3.1	11	260	ND 3.1
S144A	06/01/2011	REG	ND 1.3	31	5.3	1.4	ND 1.3	ND 1.3	ND 1.3	270	ND 50	1.4	7.3	270	ND 1.3
S144A	11/10/2011	REG	ND 2.0	35	4	2.3	ND 2.0	ND 2.0	ND 2.0	310	ND 80	2	3.4	290	2.1
S144A	06/14/2012	REG	2.3	110	3.6	2.5	ND 2.0	ND 2.0	ND 2.0	120	ND 80	2.6	ND 2.0	390	ND 2.0
S144A	10/23/2012	REG	ND 2.0	36	3.1	ND 2.0	ND 2.0	ND 2.0	ND 2.0	250	ND 80	ND 2.0	4.6	220	ND 2.0
S144A	06/18/2013	REG	3.1	90	3.9	2.3	ND 2.0	ND 2.0	ND 2.0	78	ND 80	2.4	ND 2.0	200	ND 2.0
S144A	11/05/2013	REG	ND 2.5	20	4.9	ND 2.5	ND 2.5	ND 2.5	ND 2.5	250	ND 100	3.3	ND 2.5	150	ND 2.5
S144A	06/10/2014	REG	1.8	44	4.1	1.7	ND 1.7	ND 1.7	ND 1.7	200	ND 67	1.9	2	200	ND 1.7
S144A	10/29/2014	REG	2.1	21	6.2	2.1	ND 1.7	ND 1.7	ND 1.7	320	ND 67	2.1	2.9	150	ND 1.7
S144A	05/20/2015	REG	ND 2.5	36	3.6	ND 2.5	ND 2.5	ND 2.5	ND 2.5	180	ND 100	ND 2.5	ND 2.5	240	ND 2.5
S144A	10/20/2015	REG	ND 3.6	84	9.4	4.3	ND 3.6	ND 3.6	ND 3.6	660	ND 140	ND 3.6	10	190	ND 3.6
S144A	05/25/2016	REG	ND 1.7	58	2.9	ND 1.7	ND 1.7	ND 1.7	ND 1.7	160	ND 67	2	2.2	210	ND 1.7
S144A	10/11/2016	REG	1.9	45	5.9	2.3	ND 1.7	ND 1.7	ND 1.7	330	ND 67	2.2	3.2	170	ND 1.7
S144A	05/22/2018	REG	ND 2.0	13	14	3.7	ND 2.0	ND 2.0	ND 2.0	770	ND 80	ND 2.0	7.6	280	2.4
S144A	10/04/2018	REG	ND 5.0	ND 20	10	ND 5.0	ND 5.0	ND 5.0	ND 5.0	960	ND 200	ND 5.0	8.2	78	14
S145A	12/01/1991	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	980	NT	ND 250	NT	39000	ND 250
S145A	08/28/1996	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	2700	NT	ND 500	NT	12000	ND 500
S145A	02/10/1997	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	1100	NT	ND 250	NT	6300	ND 250
S145A	06/30/1997	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	3100	NT	ND 500	NT	18000	ND 500
S145A	01/23/1998	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	6200	NT	ND 500	NT	29000	ND 500

Notes:
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S145A	04/15/1998	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	7100	NT	ND 500	NT	26000	ND 500
S145A	07/07/1998	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	4600	NT	ND 500	NT	26000	ND 500
S145A	10/15/1998	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	5500	NT	ND 500	NT	26000	ND 500
S145A	01/22/1999	REG	ND 1000	ND 1000	ND 1000	ND 1000	ND 2000	ND 1000	ND 1000	4800	ND 10000	ND 1000	ND 1000	22000	ND 1000
S145A	06/09/1999	REG	ND 1000	ND 1000	ND 1000	ND 1000	ND 2000	ND 1000	ND 1000	4700	ND 10000	ND 1000	ND 1000	23000	ND 1000
S145A	09/23/1999	FD	5.4	57	72	12	ND 1	ND 0.5	ND 0.5	1800	ND 5	8	ND 0.5	7300	1.4
S145A	09/23/1999	REG	ND 5	69	79	15	ND 10	ND 5	ND 5	2400	ND 50	8	ND 5	7600	ND 5
S145A	04/03/2000	REG	ND 63	ND 630	88	ND 63	ND 63	ND 63	ND 63	2600	ND 630	ND 63	ND 63	16000	ND 63
S145A	10/02/2000	REG	99	490	76	ND 42	ND 42	ND 42	ND 42	2800	ND 420	ND 42	ND 42	11000	ND 42
S145A	04/02/2001	REG	150	1200	59	53	ND 42	ND 42	ND 42	2000	ND 420	ND 42	ND 42	9200	ND 42
S145A	10/02/2001	REG	69	580	ND 31	33	ND 31	ND 31	ND 31	1800	ND 310	ND 31	ND 31	10000	ND 31
S145A	04/16/2002	REG	ND 42	ND 420	67	ND 42	ND 42	ND 42	ND 42	2000	ND 420	ND 42	ND 42	12000	ND 42
S145A	10/03/2002	REG	65	ND 420	67	ND 42	ND 42	ND 42	ND 42	2300	ND 420	ND 42	ND 42	12000	ND 42
S145A	04/09/2003	REG	ND 42	ND 420	44	ND 42	ND 42	ND 42	ND 42	1500	ND 420	ND 42	ND 42	8100	ND 42
S145A	10/15/2003	REG	31	ND 170	22	ND 17	ND 17	ND 17	ND 17	550	ND 170	ND 17	27	4200	ND 17
S145A	04/27/2004	REG	ND 25	ND 250	29	ND 25	ND 25	ND 25	ND 25	1200	ND 250	ND 25	ND 25	6700	ND 25
S145A	10/15/2004	REG	ND 50	ND 500	ND 50	ND 50	ND 50	ND 50	ND 50	2500	ND 500	ND 50	ND 50	6800	ND 50
S145A	04/04/2005	REG	ND 17	ND 170	ND 17	ND 17	ND 17	ND 17	ND 17	540	ND 170	ND 17	ND 17	2200	ND 17
S145A	12/02/2005	REG	20	ND 170	26	ND 17	ND 17	ND 17	ND 17	1200	ND 170	ND 17	ND 17	5600	ND 17
S145A	06/21/2006	REG	ND 71	ND 710	78	ND 71	ND 71	ND 71	ND 71	2600	ND 710	ND 71	ND 71	10000	ND 71
S145A	11/02/2006	REG	22	ND 200	ND 20	ND 20	ND 20	ND 20	ND 20	960	ND 200	ND 20	ND 20	4400	ND 20
S145A	05/01/2007	REG	ND 42	ND 420	ND 42	ND 42	ND 42	ND 42	ND 42	2200	ND 420	ND 42	ND 42	4600	ND 42
S145A	07/03/2007	REG	ND 25	ND 250	ND 25	ND 25	ND 25	ND 25	ND 25	3100	ND 250	ND 25	ND 25	4400	ND 25
S145A	10/18/2008	REG	ND 36	ND 360	ND 36	ND 36	ND 36	ND 36	ND 36	6800	ND 360	ND 36	180	6700	ND 36
S145A	05/22/2009	REG	ND 50	ND 500	ND 50	ND 50	ND 50	ND 50	ND 50	5100	ND 500	ND 50	ND 50	3200	ND 50
S145A	11/06/2009	REG	ND 50	ND 200	ND 50	ND 50	ND 50	ND 50	ND 50	4600	ND 2000	ND 50	ND 50	3100	ND 50

Notes:
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S145A	05/06/2010	REG	ND 20	ND 80	ND 20	ND 20	ND 20	ND 20	ND 20	3100	ND 800	ND 20	44	2700	ND 20
S145A	11/02/2010	REG	ND 20	ND 80	30	21	ND 20	ND 20	ND 20	3900	ND 800	ND 20	20	2700	ND 20
S145A	06/01/2011	REG	ND 20	ND 80	35	ND 20	ND 20	ND 20	ND 20	3300	ND 800	ND 20	23	2700	ND 20
S145A	11/10/2011	REG	ND 20	ND 80	96	41	ND 20	ND 20	ND 20	6200	ND 800	ND 20	ND 20	5000	20
S145A	06/14/2012	REG	ND 17	ND 67	21	ND 17	ND 17	ND 17	ND 17	2200	ND 670	ND 17	ND 17	1900	ND 17
S145A	10/23/2012	REG	ND 20	ND 80	40	ND 20	ND 20	ND 20	ND 20	3700	ND 800	ND 20	30	2600	ND 20
S145A	06/18/2013	REG	ND 20	ND 80	ND 20	ND 20	ND 20	ND 20	ND 20	1800	ND 800	ND 20	21	1800	ND 20
S145A	11/05/2013	REG	ND 13	56	22	ND 13	ND 13	ND 13	ND 13	2100	ND 500	ND 13	ND 13	2200	ND 13
S145A	06/10/2014	REG	ND 13	ND 50	230	67	ND 13	ND 13	ND 13	11000	ND 500	ND 13	41	8900	40
S145A	10/29/2014	REG	ND 17	ND 67	41	18	ND 17	ND 17	ND 17	3000	ND 670	ND 17	18	3000	ND 17
S145A	05/20/2015	REG	ND 20	ND 80	ND 20	ND 20	ND 20	ND 20	ND 20	3900	ND 800	ND 20	ND 20	1600	21
S145A	10/20/2015	REG	ND 17	ND 67	ND 17	ND 17	ND 17	ND 17	ND 17	2800	ND 670	ND 17	21	1800	ND 17
S145A	05/25/2016	REG	ND 13	ND 50	13	ND 13	ND 13	ND 13	ND 13	1900	ND 500	ND 13	30	1700	ND 13
S145A	10/11/2016	REG	ND 17	ND 67	ND 17	ND 17	ND 17	ND 17	ND 17	1900	ND 670	ND 17	ND 17	1200	ND 17
S145A	05/22/2018	REG	ND 250	ND 1000	370	ND 250	ND 250	ND 250	ND 250	38000	ND 10000	ND 250	ND 250	620	2200
S145A	10/04/2018	REG	ND 170	ND 670	170	ND 170	ND 170	ND 170	ND 170	22000	ND 6700	ND 170	ND 170	420	1200
S146A	12/01/1991	REG	ND 250	ND 250	ND 250	680	NT	ND 250	ND 250	14820	NT	ND 250	NT	66000	ND 250
S146A	01/08/1996	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	2000	NT	ND 250	NT	5700	ND 250
S146A	08/14/1996	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	1500	NT	ND 250	NT	5400	ND 250
S146A	10/08/1996	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	1500	NT	ND 250	NT	5300	ND 250
S146A	02/10/1997	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	1100	NT	ND 250	NT	4700	ND 250
S146A	06/30/1997	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	4200	NT	ND 250	NT	8400	ND 250
S146A	01/23/1998	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	2100	NT	ND 250	NT	8600	ND 250
S146A	04/15/1998	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	2600	NT	ND 250	NT	9000	ND 250
S146A	07/07/1998	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	1400	NT	ND 250	NT	7400	ND 250
S146A	10/15/1998	REG	ND 500	ND 500	ND 500	ND 500	NT	ND 500	ND 500	1600	NT	ND 500	NT	7400	ND 500

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S146A	01/22/1999	REG	ND 500	ND 500	ND 500	ND 500	ND 1000	ND 500	ND 500	1100	ND 5000	ND 500	ND 500	5900	ND 500
S146A	06/09/1999	REG	ND 250	ND 250	ND 250	ND 250	ND 500	ND 250	ND 250	2200	ND 2500	ND 250	ND 250	7600	ND 250
S146A	09/23/1999	REG	ND 25	440	110	40	ND 50	ND 25	ND 25	5400	ND 250	ND 25	ND 25	10000	ND 25
S146A	04/03/2000	REG	ND 17	ND 170	19	ND 17	ND 17	ND 17	ND 17	750	ND 170	ND 17	ND 17	4200	ND 17
S146A	10/02/2000	REG	ND 31	440	100	49	ND 31	ND 31	ND 31	4700	ND 310	ND 31	36	8600	ND 31
S146A	04/02/2001	REG	ND 10	340	26	24	ND 10	ND 10	ND 10	2600	ND 100	ND 10	38	3400	ND 10
S146A	10/02/2001	REG	ND 3.1	ND 31	ND 3.1	ND 3.1	ND 3.1	ND 3.1	19	320	ND 31	3.7	12	820	ND 3.1
S146A	04/16/2002	REG	ND 10	300	17	14	ND 10	ND 10	ND 10	1300	ND 100	ND 10	24	2800	ND 10
S146A	10/03/2002	REG	ND 10	390	23	ND 10	ND 10	ND 10	ND 10	1700	ND 100	ND 10	100	2500	ND 10
S146A	04/09/2003	REG	ND 8.3	420	23	15	ND 8.3	ND 8.3	20	1400	ND 83	ND 8.3	9.3	2900	ND 8.3
S146A	10/15/2003	REG	7.3	170	24	7.8	ND 5	ND 5	ND 5	1800	ND 50	ND 5	72	1000	ND 5
S146A	04/27/2004	REG	ND 10	490	33	13	ND 10	ND 10	ND 10	1500	ND 100	ND 10	54	2900	ND 10
S146A	10/15/2004	REG	ND 8.3	130	21	ND 8.3	ND 8.3	ND 8.3	ND 8.3	1100	ND 83	ND 8.3	25	810	ND 8.3
S146A	04/04/2005	REG	ND 7.1	160	16	7.4	ND 7.1	ND 7.1	ND 7.1	920	ND 71	ND 7.1	16	1200	ND 7.1
S146A	12/01/2005	REG	ND 6.3	68	9.5	ND 6.3	ND 6.3	ND 6.3	ND 6.3	450	ND 63	ND 6.3	7.1	930	ND 6.3
S146A	06/27/2006	REG	ND 3.1	ND 31	10	ND 3.1	ND 3.1	ND 3.1	ND 3.1	450	ND 31	ND 3.1	11	530	ND 3.1
S146A	11/02/2006	REG	ND 5	52	9.8	ND 5	ND 5	ND 5	ND 5	370	ND 50	5.7	ND 5	980	ND 5
S146A	05/01/2007	REG	ND 5	86	13	ND 5	ND 5	ND 5	ND 5	540	ND 50	ND 5	8.3	1100	ND 5
S146A	07/03/2007	REG	ND 8.3	ND 83	14	ND 8.3	ND 8.3	ND 8.3	ND 8.3	660	ND 83	ND 8.3	19	910	ND 8.3
S146A	10/18/2008	REG	ND 10	260	14	11	ND 10	ND 10	ND 10	720	ND 100	ND 10	ND 10	1800	ND 10
S146A	05/22/2009	REG	ND 6.3	97	15	6.7	ND 6.3	ND 6.3	ND 6.3	720	ND 63	ND 6.3	6.8	840	ND 6.3
S146A	11/06/2009	REG	ND 6.3	89	17	6.6	ND 6.3	ND 6.3	ND 6.3	910	ND 250	ND 6.3	12	600	ND 6.3
S146A	05/06/2010	REG	ND 7.1	99	14	ND 7.1	ND 7.1	ND 7.1	ND 7.1	870	ND 290	ND 7.1	9.6	790	ND 7.1
S146A	11/02/2010	REG	ND 7.1	630	25	24	ND 7.1	ND 7.1	ND 7.1	1700	ND 290	ND 7.1	7.7	2800	ND 7.1
S146A	06/01/2011	REG	ND 31	860	36	33	ND 31	ND 31	ND 31	2000	ND 1300	ND 31	ND 31	4200	ND 31
S146A	11/10/2011	REG	ND 25	760	29	26	ND 25	ND 25	ND 25	1500	ND 1000	ND 25	ND 25	2700	ND 25

Notes:
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S146A	06/14/2012	REG	ND 20	850	22	ND 20	ND 20	ND 20	ND 20	1500	ND 800	ND 20	ND 20	2600	ND 20
S146A	10/23/2012	REG	ND 20	1300	26	28	ND 20	ND 20	ND 20	1900	ND 800	ND 20	ND 20	2800	ND 20
S146A	06/18/2013	REG	ND 8.3	310	14	10	ND 8.3	ND 8.3	ND 8.3	940	ND 330	ND 8.3	ND 8.3	860	ND 8.3
S146A	11/05/2013	REG	ND 17	680	22	19	ND 17	ND 17	ND 17	1700	ND 670	ND 17	ND 17	1500	ND 17
S146A	06/10/2014	REG	ND 17	890	23	19	ND 17	ND 17	ND 17	1900	ND 670	ND 17	ND 17	1900	ND 17
S146A	10/29/2014	REG	ND 17	650	17	ND 17	ND 17	ND 17	ND 17	1400	ND 670	ND 17	ND 17	1100	ND 17
S146A	05/20/2015	REG	ND 13	600	15	14	ND 13	ND 13	ND 13	1300	ND 500	ND 13	ND 13	870	ND 13
S146A	10/20/2015	REG	ND 10	640	19	14	ND 10	ND 10	ND 10	1700	ND 400	ND 10	17	1000	ND 10
S146A	05/25/2016	REG	ND 10	450	16	ND 10	ND 10	ND 10	ND 10	1200	ND 400	60	25	720	ND 10
S146A	10/11/2016	REG	ND 10	780	18	17	ND 10	ND 10	ND 10	1500	ND 400	ND 10	ND 10	930	ND 10
S146A	10/19/2016	REG	ND 3.1	190	9.8	5.7	ND 3.1	ND 3.1	ND 3.1	890	ND 130	3.4	5.8	420	ND 3.1
S146A	12/14/2016	REG	ND 50	2500	ND 50	50	ND 50	ND 50	ND 50	4400	ND 2000	ND 50	ND 50	2000	ND 50
S146A	01/18/2017	FD	ND 20	2300	ND 20	25	ND 20	ND 20	ND 20	3000	ND 800	ND 20	ND 20	35	ND 20
S146A	01/18/2017	REG	ND 36	1700	ND 36	ND 36	ND 36	ND 36	ND 36	3200	ND 1400	ND 36	ND 36	ND 36	ND 36
S146A	02/16/2017	REG	ND 25	2500	28	34	ND 25	ND 25	ND 25	4500	ND 1000	ND 25	ND 25	ND 25	ND 25
S146A	05/18/2017	REG	ND 25	4800	33	49	ND 25	ND 25	ND 25	8000	ND 1000	ND 25	39	72	ND 25
S146A	08/17/2017	REG	ND 63	4800	ND 63	73	ND 63	ND 63	ND 63	9400	ND 2500	ND 63	ND 63	ND 63	ND 63
S146A	11/16/2017	REG	ND 63	2900	ND 63	ND 63	ND 63	ND 63	ND 63	6800	ND 2500	ND 63	ND 63	540	ND 63
S146A	05/22/2018	REG	ND 10	2500	50	54	36	ND 10	ND 10	5300	ND 400	27	44	2500	ND 10
S146A	10/04/2018	REG	ND 25	2400	35	41	31	ND 25	ND 25	4200	ND 1000	ND 25	ND 25	2600	ND 25
S147A	01/22/1999	REG	ND 50	ND 50	ND 50	ND 50	ND 100	ND 50	ND 50	1800	ND 500	ND 50	ND 50	85	ND 50
S147B1	01/27/1994	REG	ND 100	1300	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	9200	ND 100
S147B1	04/20/1994	REG	ND 250	960	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	10000	ND 250
S147B1	07/29/1994	REG	ND 250	ND 250	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	4800	ND 250
S147B1	10/06/1994	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	1400	ND 100
S147B1	02/28/1995	REG	ND 25	73	ND 25	ND 25	NT	ND 25	ND 25	70	NT	ND 25	NT	1800	ND 50

Notes:
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S147B1	04/21/1995	REG	ND 25	ND 50	40	ND 25	NT	ND 25	ND 25	50	NT	ND 25	NT	1400	ND 50
S147B1	07/13/1995	REG	ND 25	ND 50	ND 25	ND 25	NT	ND 25	ND 25	68	NT	ND 25	NT	1500	ND 50
S147B1	10/24/1995	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	80	NT	ND 25	NT	1200	ND 25
S147B1	01/23/1996	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	60	NT	ND 50	NT	1700	ND 50
S147B1	04/04/1996	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	110	NT	ND 50	NT	1600	ND 50
S147B1	07/16/1996	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	590	ND 50
S147B1	02/03/1997	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	270	NT	ND 50	NT	1100	ND 50
S147B1	04/09/1997	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	580	NT	ND 100	NT	930	ND 100
S147B1	07/28/1997	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	870	NT	ND 50	NT	630	ND 50
S147B1	10/28/1997	REG	ND 5	ND 10	3.8	ND 10	NT	ND 2.5	ND 2.5	880	NT	ND 2.5	NT	550	ND 2.5
S147B1	04/15/1998	REG	ND 25	ND 25	ND 25	ND 25	NT	ND 25	ND 25	1200	NT	ND 25	NT	220	ND 25
S147B1	10/14/1998	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	1800	NT	ND 50	NT	140	ND 50
S147B1	06/09/1999	REG	ND 50	ND 50	ND 50	ND 50	ND 100	ND 50	ND 50	1300	ND 500	ND 50	ND 50	ND 50	ND 50
S147B1	09/22/1999	REG	480	7400	ND 25	ND 25	ND 50	ND 25	ND 25	130	ND 250	ND 25	ND 25	16000	ND 25
S147B1	04/03/2000	FD	ND 3.6	ND 36	5.8	ND 3.6	ND 3.6	ND 3.6	ND 3.6	920	ND 36	ND 3.6	55	30	ND 3.6
S147B1	04/03/2000	REG	ND 3.6	ND 36	5.8	ND 3.6	ND 3.6	ND 3.6	ND 3.6	960	ND 36	ND 3.6	40	27	ND 3.6
S147B1	10/02/2000	FD	310	1500	ND 17	24	ND 17	ND 17	ND 17	230	ND 170	ND 17	ND 17	5100	ND 17
S147B1	10/02/2000	REG	330	1400	ND 25	27	ND 25	ND 25	ND 25	160	ND 250	ND 25	ND 25	5300	ND 25
S147B1	04/02/2001	FD	ND 4.2	ND 42	8.2	7.1	ND 4.2	ND 4.2	ND 4.2	1100	ND 42	ND 4.2	7.7	81	ND 4.2
S147B1	04/02/2001	REG	ND 3.6	ND 36	7.3	5.5	ND 3.6	ND 3.6	ND 3.6	1200	ND 36	ND 3.6	21	77	ND 3.6
S147B1	10/01/2001	REG	190	1100	ND 17	ND 17	ND 17	ND 17	ND 17	140	ND 170	ND 17	ND 17	4300	ND 17
S147B1	04/16/2002	REG	ND 4.2	ND 42	8.5	9.3	ND 4.2	ND 4.2	ND 4.2	1400	ND 42	ND 4.2	9.8	99	ND 4.2
S147B1	10/03/2002	REG	ND 5	ND 50	8.8	ND 5	ND 5	ND 5	ND 5	1500	ND 50	ND 5	140	100	ND 5
S147B1	04/08/2003	REG	ND 5	ND 50	ND 5	8.8	ND 5	ND 5	7.4	1700	ND 50	ND 5	5	140	ND 5
S147B1	10/16/2003	REG	15	420	ND 10	ND 10	ND 10	ND 10	ND 10	28	ND 100	ND 10	ND 10	3300	ND 10
S147B1	04/27/2004	REG	ND 7.1	160	16	9.2	ND 7.1	ND 7.1	ND 7.1	1400	ND 71	7.3	ND 7.1	870	ND 7.1

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S147B1	10/14/2004	REG	ND 6.3	ND 63	8	ND 6.3	ND 6.3	ND 6.3	ND 6.3	1200	ND 63	ND 6.3	100	180	ND 6.3
S147B1	04/04/2005	REG	ND 8.3	ND 83	ND 8.3	ND 8.3	ND 8.3	ND 8.3	ND 8.3	1300	ND 83	ND 8.3	14	130	ND 8.3
S147B1	11/02/2005	REG	ND 7.1	ND 71	ND 7.1	ND 7.1	ND 7.1	ND 7.1	ND 7.1	1200	ND 71	ND 7.1	34	89	ND 7.1
S147B1	06/20/2006	REG	ND 10	ND 100	ND 10	15	ND 10	ND 10	ND 10	1300	ND 100	ND 10	16	92	ND 10
S147B1	11/01/2006	REG	ND 6.3	ND 63	ND 6.3	9.5	ND 6.3	ND 6.3	ND 6.3	1800	ND 63	ND 6.3	13	67	ND 6.3
S147B1	04/30/2007	REG	ND 13	ND 130	ND 13	ND 13	ND 13	ND 13	ND 13	1400	ND 130	ND 13	ND 13	97	ND 13
S147B1	07/09/2007	REG	ND 13	ND 130	ND 13	ND 13	ND 13	ND 13	ND 13	1500	ND 130	ND 13	16	88	ND 13
S147B1	10/23/2008	REG	26	510	ND 6.3	ND 6.3	ND 6.3	ND 6.3	ND 6.3	370	ND 63	ND 6.3	16	840	7.5
S147B1	05/21/2009	REG	ND 6.3	ND 63	ND 6.3	ND 6.3	ND 6.3	ND 6.3	ND 6.3	1300	ND 63	ND 6.3	6.5	150	ND 6.3
S147B1	11/06/2009	REG	ND 10	ND 40	ND 10	ND 10	ND 10	ND 10	ND 10	1400	ND 400	ND 10	13	110	ND 10
S147B1	05/06/2010	REG	ND 10	47	ND 10	ND 10	ND 10	ND 10	ND 10	1300	ND 400	ND 10	16	280	ND 10
S147B1	11/04/2010	REG	ND 1.7	62	ND 1.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	290	ND 67	ND 1.7	2.4	150	ND 1.7
S147B1	06/01/2011	REG	ND 10	160	ND 10	ND 10	ND 10	ND 10	ND 10	1600	ND 400	ND 10	28	330	ND 10
S147B1	11/04/2011	REG	ND 1.7	91	5.5	5.8	ND 1.7	ND 1.7	ND 1.7	1200	ND 67	ND 1.7	17	340	ND 1.7
S147B1	06/09/2012	REG	ND 10	78	ND 10	ND 10	ND 10	ND 10	ND 10	1300	ND 400	ND 10	ND 10	300	ND 10
S147B1	10/24/2012	REG	ND 10	180	ND 10	ND 10	ND 10	ND 10	ND 10	1200	ND 400	ND 10	ND 10	550	ND 10
S147B1	06/19/2013	REG	ND 10	420	ND 10	ND 10	ND 10	ND 10	ND 10	1100	ND 400	ND 10	18	1200	ND 10
S147B1	11/06/2013	REG	8.9	340	ND 8.3	ND 8.3	ND 8.3	ND 8.3	ND 8.3	560	ND 330	ND 8.3	ND 8.3	710	ND 8.3
S147B1	06/10/2014	REG	7.4	300	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	710	ND 200	ND 5.0	ND 5.0	740	ND 5.0
S147B1	10/29/2014	REG	ND 5.0	240	ND 5.0	5.2	ND 5.0	ND 5.0	ND 5.0	940	ND 200	ND 5.0	ND 5.0	660	ND 5.0
S147B1	05/20/2015	REG	ND 6.3	280	7.3	ND 6.3	ND 6.3	ND 6.3	ND 6.3	1400	ND 250	ND 6.3	120	980	ND 6.3
S147B1	10/16/2015	REG	ND 13	250	ND 13	ND 13	ND 13	ND 13	ND 13	1200	ND 500	ND 13	14	960	ND 13
S147B1	05/25/2016	REG	ND 7.1	140	ND 7.1	ND 7.1	ND 7.1	ND 7.1	ND 7.1	1000	ND 290	ND 7.1	36	730	ND 7.1
S147B1	10/13/2016	REG	ND 8.3	240	ND 8.3	ND 8.3	ND 8.3	ND 8.3	ND 8.3	660	ND 330	ND 8.3	30	830	ND 8.3
S147B1	05/23/2017	REG	ND 6.3	76	7.8	7.5	ND 6.3	ND 6.3	ND 6.3	1400	ND 250	ND 6.3	ND 6.3	420	ND 6.3
S147B1	10/13/2017	REG	ND 10	100	ND 10	ND 10	ND 10	ND 10	ND 10	1600	ND 400	ND 10	19	680	ND 10

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S147B1	05/24/2018	REG	4.4	160	ND 2.5	ND 2.5	ND 2.5	ND 2.5	ND 2.5	94	ND 100	ND 2.5	ND 2.5	360	ND 2.5
S147B1	10/04/2018	REG	ND 2.5	200	4.6	4.8	ND 2.5	ND 2.5	ND 2.5	1100	ND 100	ND 2.5	32	1400	ND 2.5
S148B1	01/27/1994	REG	ND 100	2400	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	11000	ND 100
S148B1	04/20/1994	REG	ND 500	790	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	5900	ND 500
S148B1	07/29/1994	REG	ND 100	350	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	3300	ND 100
S148B1	10/06/1994	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	2100	ND 100
S148B1	04/21/1995	REG	ND 100	280	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	2300	ND 200
S148B1	07/18/1995	REG	ND 50	ND 100	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1400	ND 100
S148B1	10/24/1995	REG	ND 50	270	ND 50	ND 50	NT	ND 50	ND 50	57	NT	ND 50	NT	2300	ND 50
S148B1	01/23/1996	REG	ND 50	460	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	3700	ND 50
S148B1	04/04/1996	REG	ND 50	770	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	3500	ND 50
S148B1	07/16/1996	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	2300	ND 100
S148B1	04/29/1997	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	2200	ND 50
S148B1	07/28/1997	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1600	ND 50
S148B1	10/27/1997	REG	ND 100	850	ND 50	ND 200	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	5800	ND 50
S148B1	04/15/1998	REG	ND 250	980	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	8700	ND 250
S148B1	10/14/1998	REG	ND 250	1400	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	6900	ND 250
S148B1	01/22/1999	REG	ND 500	720	ND 500	ND 500	ND 1000	ND 500	ND 500	ND 500	ND 5000	ND 500	ND 500	3500	ND 500
S148B1	06/09/1999	REG	ND 250	730	ND 250	ND 250	ND 500	ND 250	ND 250	ND 250	ND 2500	ND 250	ND 250	5200	ND 250
S148B1	09/23/1999	REG	ND 5	700	ND 5	ND 5	ND 10	ND 5	ND 5	79	ND 50	ND 5	ND 5	3900	ND 5
S148B1	04/03/2000	REG	ND 13	360	ND 13	ND 13	ND 13	ND 13	ND 13	74	ND 130	ND 13	ND 13	2800	ND 13
S148B1	10/02/2000	REG	ND 25	1100	ND 25	ND 25	ND 25	ND 25	ND 25	54	ND 250	ND 25	ND 25	6700	ND 25
S148B1	04/06/2001	REG	ND 2	ND 20	ND 2	3	ND 2	ND 2	ND 2	100	ND 20	ND 2	ND 2	630	ND 2
S148B1	10/01/2001	REG	ND 25	1400	ND 25	ND 25	ND 25	ND 25	ND 25	84	ND 250	ND 25	ND 25	7300	ND 25
S148B1	04/16/2002	REG	ND 13	800	ND 13	ND 13	ND 13	ND 13	ND 13	110	ND 130	ND 13	ND 13	4600	ND 13
S148B1	10/03/2002	REG	ND 17	2500	ND 17	ND 17	ND 17	ND 17	ND 17	91	ND 170	ND 17	ND 17	6600	ND 17

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S148B1	04/08/2003	REG	ND 17	1600	ND 17	ND 17	ND 17	ND 17	ND 17	90	ND 170	ND 17	ND 17	6100	ND 17
S148B1	10/16/2003	REG	ND 25	1800	ND 25	ND 25	ND 25	ND 25	ND 25	110	ND 250	ND 25	ND 25	7400	ND 25
S148B1	04/26/2004	REG	ND 25	1400	ND 25	ND 25	ND 25	ND 25	ND 25	150	ND 250	ND 25	ND 25	5000	ND 25
S148B1	10/15/2004	REG	ND 13	580	ND 13	ND 13	ND 13	ND 13	ND 13	170	ND 130	ND 13	ND 13	1800	ND 13
S148B1	04/04/2005	REG	ND 13	1400	ND 13	ND 13	ND 13	ND 13	ND 13	220	ND 130	16	ND 13	3900	ND 13
S148B1	11/02/2005	REG	ND 4.2	310	ND 4.2	ND 4.2	ND 4.2	ND 4.2	ND 4.2	310	ND 42	ND 8.3	6.1	960	ND 4.2
S148B1	06/20/2006	FD	ND 25	1200	ND 25	ND 25	ND 25	ND 25	ND 25	190	ND 250	ND 25	ND 25	4200	ND 25
S148B1	06/20/2006	REG	ND 31	1400	ND 31	ND 31	ND 31	ND 31	ND 31	190	ND 310	ND 31	ND 31	4500	ND 31
S148B1	11/01/2006	REG	ND 31	1600	ND 31	ND 31	ND 31	ND 31	ND 31	230	ND 310	ND 31	ND 31	5200	ND 31
S148B1	04/30/2007	FD	ND 8.3	480	ND 8.3	ND 8.3	ND 8.3	ND 8.3	ND 8.3	350	ND 83	ND 8.3	ND 8.3	1500	ND 8.3
S148B1	04/30/2007	REG	ND 31	1200	ND 31	ND 31	ND 31	ND 31	ND 31	260	ND 310	ND 31	ND 31	3500	ND 31
S148B1	07/09/2007	REG	ND 20	1000	ND 20	ND 20	ND 20	ND 20	ND 20	260	ND 200	ND 20	ND 20	3300	ND 20
S148B1	10/21/2008	REG	ND 25	490	ND 25	ND 25	ND 25	ND 25	ND 25	210	ND 250	ND 25	ND 25	2700	ND 25
S148B1	05/21/2009	REG	ND 25	670	ND 25	ND 25	ND 25	ND 25	ND 25	220	ND 250	ND 25	ND 25	2800	ND 25
S148B1	11/03/2009	REG	ND 25	570	ND 25	ND 25	ND 25	ND 25	ND 25	260	ND 1000	ND 25	ND 25	2400	ND 25
S148B1	05/07/2010	REG	ND 17	470	ND 17	ND 17	ND 17	ND 17	ND 17	260	ND 670	ND 17	ND 17	2200	ND 17
S148B1	11/04/2010	REG	ND 7.1	260	ND 7.1	ND 7.1	ND 7.1	ND 7.1	ND 7.1	280	ND 290	ND 7.1	ND 7.1	990	ND 7.1
S148B1	06/01/2011	REG	ND 13	480	ND 13	ND 13	ND 13	ND 13	ND 13	260	ND 500	ND 13	ND 13	1500	ND 13
S148B1	11/04/2011	REG	ND 7.1	290	ND 7.1	ND 7.1	ND 7.1	ND 7.1	ND 7.1	280	ND 290	ND 7.1	ND 7.1	1200	ND 7.1
S148B1	06/09/2012	REG	ND 13	240	ND 13	ND 13	ND 13	ND 13	ND 13	370	ND 500	ND 13	ND 13	1100	ND 13
S148B1	10/24/2012	REG	ND 13	340	ND 13	ND 13	ND 13	ND 13	ND 13	350	ND 500	ND 13	ND 13	1200	ND 13
S148B1	06/19/2013	REG	ND 5.0	170	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	290	ND 200	ND 5.0	21	770	ND 5.0
S148B1	11/06/2013	REG	ND 7.1	310	ND 7.1	ND 7.1	ND 7.1	ND 7.1	ND 7.1	320	ND 290	ND 7.1	ND 7.1	1100	ND 7.1
S148B1	06/09/2014	REG	ND 7.1	320	ND 7.1	ND 7.1	ND 7.1	ND 7.1	ND 7.1	250	ND 290	ND 7.1	ND 7.1	2100	ND 7.1
S148B1	10/30/2014	REG	ND 20	550	ND 20	ND 20	ND 20	ND 20	ND 20	320	ND 800	ND 20	ND 20	1700	ND 20
S148B1	05/21/2015	REG	ND 7.1	190	ND 7.1	ND 7.1	ND 7.1	ND 7.1	ND 7.1	350	ND 290	ND 7.1	9	940	ND 7.1

Notes:
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APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S148B1	10/16/2015	REG	ND 6.3	270	ND 6.3	ND 6.3	ND 6.3	ND 6.3	ND 6.3	420	ND 250	ND 6.3	7.2	1200	ND 6.3
S148B1	05/26/2016	REG	ND 7.1	290	ND 7.1	ND 7.1	ND 7.1	ND 7.1	ND 7.1	260	ND 290	ND 7.1	ND 7.1	1700	ND 7.1
S148B1	10/11/2016	REG	ND 10	240	ND 10	ND 10	ND 10	ND 10	ND 10	310	ND 400	ND 10	ND 10	1100	ND 10
S148B1	05/23/2017	REG	ND 10	160	ND 10	ND 10	ND 10	ND 10	ND 10	290	ND 400	ND 10	ND 10	1100	ND 10
S148B1	10/13/2017	REG	ND 10	340	ND 10	ND 10	ND 10	ND 10	ND 10	320	ND 400	ND 10	ND 10	1900	ND 10
S148B1	05/24/2018	REG	ND 10	310	ND 10	ND 10	ND 10	ND 10	ND 10	280	ND 400	ND 10	ND 10	1500	ND 10
S148B1	10/09/2018	REG	ND 10	250	ND 10	ND 10	ND 10	ND 10	ND 10	210	ND 400	ND 10	ND 10	1700	ND 10
S149B1	01/20/1994	REG	ND 25	86	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	1200	ND 25
S149B1	04/18/1994	REG	ND 25	200	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	1400	ND 25
S149B1	07/22/1994	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	950	ND 50
S149B1	10/04/1994	REG	94	530	ND 50	89	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	3400	ND 50
S149B1	01/17/1995	REG	ND 50	110	ND 50	ND 50	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	1700	ND 100
S149B1	04/21/1995	REG	ND 25	71	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	860	ND 50
S149B1	07/18/1995	REG	ND 25	ND 50	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	710	ND 50
S149B1	10/24/1995	REG	ND 20	48	ND 20	ND 20	NT	ND 20	ND 20	50	NT	ND 20	NT	650	ND 20
S149B1	01/23/1996	REG	53	300	ND 50	ND 50	NT	ND 50	ND 50	34	NT	ND 50	NT	2100	ND 50
S149B1	04/04/1996	REG	ND 25	97	ND 25	ND 25	NT	ND 25	ND 25	47	NT	ND 25	NT	850	ND 25
S149B1	07/16/1996	REG	ND 100	190	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	1800	ND 100
S149B1	10/10/1996	REG	ND 100	230	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	1900	ND 100
S149B1	02/03/1997	REG	ND 100	200	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	1700	ND 100
S149B1	04/09/1997	REG	ND 25	120	ND 25	ND 25	NT	ND 25	ND 25	ND 25	NT	ND 25	NT	1300	ND 25
S149B1	07/28/1997	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	980	ND 100
S149B1	10/27/1997	REG	ND 10	160	ND 5	ND 20	NT	ND 5	ND 5	52	NT	ND 5	NT	1300	ND 5
S149B1	04/15/1998	REG	ND 10	99	ND 10	ND 10	NT	ND 10	ND 10	26	NT	ND 10	NT	1100	ND 10
S149B1	10/14/1998	REG	ND 500	510	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	2700	ND 500
S149B1	01/22/1999	REG	ND 100	260	ND 100	ND 100	ND 200	ND 100	ND 100	ND 100	ND 1000	ND 100	ND 100	1800	ND 100

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S149B1	06/09/1999	REG	ND 100	240	ND 100	ND 100	ND 200	ND 100	ND 100	ND 100	ND 1000	ND 100	ND 100	2500	ND 100
S149B1	09/22/1999	REG	4.3	250	1.7	4	ND 1	ND 0.5	ND 0.5	26	ND 5	7.1	1.2	1700	ND 0.5
S149B1	04/03/2000	REG	ND 6.3	330	ND 6.3	ND 6.3	ND 6.3	ND 6.3	ND 6.3	34	ND 63	7.5	ND 6.3	2300	ND 6.3
S149B1	10/02/2000	REG	ND 4.2	150	ND 4.2	ND 4.2	ND 4.2	ND 4.2	ND 4.2	37	ND 42	ND 4.2	ND 4.2	1200	ND 4.2
S149B1	04/02/2001	REG	ND 8.3	370	ND 8.3	ND 8.3	ND 8.3	ND 8.3	ND 8.3	34	ND 83	10	ND 8.3	2700	ND 8.3
S149B1	10/01/2001	REG	ND 8.3	280	ND 8.3	ND 8.3	ND 8.3	ND 8.3	ND 8.3	46	ND 83	ND 8.3	ND 8.3	1900	ND 8.3
S149B1	04/16/2002	REG	ND 8.3	240	ND 8.3	ND 8.3	ND 8.3	ND 8.3	ND 8.3	36	ND 83	ND 8.3	ND 8.3	1400	ND 8.3
S149B1	10/03/2002	REG	ND 8.3	570	ND 8.3	ND 8.3	ND 8.3	ND 8.3	ND 8.3	30	ND 83	ND 8.3	ND 8.3	2900	ND 8.3
S149B1	04/08/2003	REG	ND 3.1	120	ND 3.1	4	ND 3.1	ND 3.1	3.8	41	ND 31	3.4	ND 3.1	1100	ND 3.1
S149B1	10/16/2003	REG	ND 3.6	100	ND 3.6	ND 3.6	ND 3.6	ND 3.6	ND 3.6	34	ND 36	ND 3.6	ND 3.6	800	ND 3.6
S149B1	04/26/2004	REG	ND 3.1	220	ND 3.1	ND 3.1	ND 3.1	ND 3.1	ND 3.1	23	ND 31	5.8	ND 3.1	1900	ND 3.1
S149B1	10/15/2004	REG	ND 8.3	150	ND 8.3	ND 8.3	ND 8.3	ND 8.3	ND 8.3	21	ND 83	ND 8.3	ND 8.3	1100	ND 8.3
S149B1	04/04/2005	REG	ND 7.1	140	ND 7.1	ND 7.1	ND 7.1	ND 7.1	ND 7.1	23	ND 71	7.5	ND 7.1	1300	ND 7.1
S149B1	11/02/2005	FD	ND 31	1500	ND 31	ND 31	ND 31	ND 31	ND 31	ND 31	ND 310	ND 31	ND 31	11000	ND 31
S149B1	11/02/2005	REG	ND 10	200	ND 10	ND 10	ND 10	ND 10	ND 10	39	ND 100	ND 10	ND 10	1400	ND 10
S149B1	06/21/2006	REG	ND 5	150	ND 5	ND 5	ND 5	ND 5	ND 5	33	ND 50	ND 5	ND 5	1200	ND 5
S149B1	11/01/2006	REG	ND 6.3	200	ND 6.3	ND 6.3	ND 6.3	ND 6.3	ND 6.3	33	ND 63	ND 6.3	ND 6.3	1300	6.7
S149B1	05/01/2007	REG	ND 10	250	ND 10	ND 10	ND 10	ND 10	ND 10	31	ND 100	ND 10	ND 10	1800	ND 10
S149B1	07/02/2007	REG	ND 13	280	ND 13	ND 13	ND 13	ND 13	ND 13	18	ND 130	ND 13	ND 13	2500	ND 13
S149B1	10/30/2008	REG	ND 13	180	ND 13	ND 13	ND 13	ND 13	ND 13	25	ND 130	ND 13	ND 13	1600	ND 13
S149B1	05/21/2009	REG	ND 13	290	ND 13	ND 13	ND 13	ND 13	ND 13	ND 13	ND 130	ND 13	ND 13	1800	ND 13
S149B1	11/04/2009	REG	ND 13	110	ND 13	ND 13	ND 13	ND 13	ND 13	24	ND 500	ND 13	ND 13	970	ND 13
S149B1	05/07/2010	REG	ND 13	130	ND 13	ND 13	ND 13	ND 13	ND 13	15	ND 500	ND 13	ND 13	1300	ND 13
S149B1	11/02/2010	REG	ND 7.1	98	ND 7.1	ND 7.1	ND 7.1	ND 7.1	ND 7.1	20	ND 290	ND 7.1	ND 7.1	900	ND 7.1
S149B1	06/02/2011	REG	ND 4.2	130	ND 4.2	ND 4.2	ND 4.2	ND 4.2	ND 4.2	36	ND 170	ND 4.2	ND 4.2	650	ND 4.2
S149B1	11/04/2011	REG	ND 5.0	59	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	19	ND 200	ND 5.0	ND 5.0	590	ND 5.0

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S149B1	06/11/2012	REG	ND 4.2	160	ND 4.2	ND 4.2	ND 4.2	ND 4.2	ND 4.2	19	ND 170	ND 4.2	ND 4.2	820	ND 4.2
S149B1	11/28/2012	REG	ND 5.0	78	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	30	ND 200	ND 5.0	ND 5.0	670	ND 5.0
S149B1	06/19/2013	REG	ND 4.2	98	ND 4.2	ND 4.2	ND 4.2	ND 4.2	ND 4.2	25	ND 170	ND 4.2	ND 4.2	730	ND 4.2
S149B1	11/05/2013	REG	ND 5.0	75	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	24	ND 200	ND 5.0	ND 5.0	590	ND 5.0
S149B1	06/09/2014	REG	ND 4.2	65	ND 4.2	ND 4.2	ND 4.2	ND 4.2	ND 4.2	24	ND 170	ND 4.2	ND 4.2	630	ND 4.2
S149B1	10/30/2014	REG	ND 4.2	120	ND 4.2	ND 4.2	ND 4.2	ND 4.2	ND 4.2	31	ND 170	ND 4.2	ND 4.2	690	ND 4.2
S149B1	05/21/2015	REG	ND 5.0	88	ND 5.0	ND 5.0	ND 5.0	ND 5.0	ND 5.0	32	ND 200	ND 5.0	ND 5.0	600	ND 5.0
S149B1	10/15/2015	REG	ND 4.2	95	ND 4.2	ND 4.2	ND 4.2	ND 4.2	ND 4.2	29	ND 170	ND 4.2	ND 4.2	680	ND 4.2
S149B1	05/26/2016	REG	ND 4.2	67	ND 4.2	ND 4.2	ND 4.2	ND 4.2	ND 4.2	28	ND 170	ND 4.2	ND 4.2	580	ND 4.2
S149B1	10/13/2016	REG	ND 4.2	77	ND 4.2	ND 4.2	ND 4.2	ND 4.2	ND 4.2	25	ND 170	ND 4.2	ND 4.2	590	ND 4.2
S149B1	05/23/2017	REG	ND 3.6	69	ND 3.6	ND 3.6	ND 3.6	ND 3.6	ND 3.6	25	ND 140	ND 3.6	ND 3.6	620	ND 3.6
S149B1	10/13/2017	REG	ND 3.6	55	ND 3.6	ND 3.6	ND 3.6	ND 3.6	ND 3.6	24	ND 140	ND 3.6	ND 3.6	600	ND 3.6
S149B1	05/24/2018	REG	ND 3.6	60	ND 3.6	ND 3.6	ND 3.6	ND 3.6	ND 3.6	18	ND 140	ND 3.6	ND 3.6	570	ND 3.6
S149B1	10/09/2018	REG	ND 3.6	36	ND 3.6	ND 3.6	ND 3.6	ND 3.6	ND 3.6	18	ND 140	ND 3.6	ND 3.6	420	ND 3.6
S153B1	11/17/1992	REG	5800	4900	ND 2500	ND 2500	NT	ND 2500	ND 2500	ND 2500	NT	ND 2500	NT	58000	ND 2500
S153B1	04/15/1993	REG	ND 250	310	ND 250	ND 250	NT	ND 250	ND 250	720	NT	ND 250	NT	15000	ND 250
S153B1	07/15/1993	REG	5400	5800	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	40000	ND 500
S153B1	10/13/1993	REG	ND 5000	ND 5000	ND 5000	ND 5000	NT	ND 5000	ND 5000	ND 5000	NT	ND 5000	NT	31000	ND 5000
S153B1	01/20/1994	REG	1500	2100	ND 1000	ND 1000	NT	ND 1000	ND 1000	ND 1000	NT	ND 1000	NT	27000	ND 1000
S153B1	04/20/1994	REG	3700	6800	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	34000	ND 500
S153B1	07/25/1994	REG	2700	4400	ND 1000	ND 1000	NT	ND 1000	ND 1000	ND 1000	NT	ND 1000	NT	33000	ND 1000
S153B1	10/06/1994	REG	ND 500	7600	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	43000	ND 500
S153B1	01/13/1995	REG	1800	2400	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	19000	ND 1000
S153B1	04/21/1995	REG	2600	3400	580	560	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	20000	ND 1000
S153B1	07/14/1995	REG	ND 500	ND 1000	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	7900	ND 1000
S153B1	11/01/1995	REG	510	710	ND 100	ND 100	NT	ND 100	ND 100	ND 100	NT	ND 100	NT	3700	ND 100

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S153B1	01/12/1996	REG	3700	4300	ND 1000	ND 1000	NT	ND 1000	ND 1000	ND 1000	NT	ND 1000	NT	33000	ND 1000
S153B1	04/03/1996	REG	3400	5700	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	23000	ND 500
S153B1	07/16/1996	REG	2400	4100	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	20000	ND 500
S153B1	10/09/1996	REG	2900	5400	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	21000	ND 500
S153B1	02/05/1997	REG	2100	2600	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	17000	ND 500
S153B1	04/08/1997	REG	1200	1600	ND 250	ND 250	NT	ND 250	ND 250	ND 250	NT	ND 250	NT	12000	ND 250
S153B1	07/25/1997	REG	1500	820	ND 500	ND 500	NT	ND 500	ND 500	840	NT	ND 500	NT	14000	ND 500
S153B1	10/24/1997	REG	850	1300	ND 50	ND 200	NT	ND 50	ND 50	180	NT	ND 50	NT	15000	ND 50
S153B1	06/29/1998	REG	ND 50	ND 50	ND 50	ND 50	NT	ND 50	ND 50	490	NT	ND 50	NT	5000	ND 50
S153B1	12/18/1998	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	2000	NT	ND 100	NT	4200	ND 100
S153B1	06/08/1999	REG	ND 100	ND 100	ND 100	ND 100	NT	ND 100	ND 100	2600	NT	ND 100	NT	5400	ND 100
S153B1	11/04/1999	FD	1000	3800	19	43	ND 1	ND 0.5	ND 0.5	370	ND 5	23	3.7	13000	0.9
S153B1	11/04/1999	REG	960	2600	21	47	ND 20	ND 10	ND 10	420	ND 100	30	ND 10	15000	ND 10
S153B1	04/17/2000	FD	350	1000	ND 20	ND 20	ND 20	ND 20	ND 20	910	ND 200	ND 20	65	6600	ND 20
S153B1	04/17/2000	REG	380	1300	ND 25	26	ND 25	ND 25	ND 25	1000	ND 250	ND 25	ND 25	7200	ND 25
S153B1	11/01/2000	FD	190	1100	ND 36	ND 36	ND 36	ND 36	ND 36	830	ND 360	ND 36	ND 36	9100	ND 36
S153B1	11/01/2000	REG	220	1400	ND 50	ND 50	ND 50	ND 50	ND 50	790	ND 500	ND 50	ND 50	8800	ND 50
S153B1	04/19/2001	FD	170	1700	ND 33	ND 33	ND 33	ND 33	ND 33	960	ND 330	ND 33	ND 33	11000	ND 33
S153B1	04/19/2001	REG	160	1600	ND 31	ND 31	ND 31	ND 31	ND 31	850	ND 310	ND 31	ND 31	10000	ND 31
S153B1	10/19/2001	REG	170	770	ND 17	ND 17	ND 17	ND 17	ND 17	1500	ND 170	ND 17	ND 17	5400	ND 17
S153B1	10/22/2002	FD	280	2500	ND 42	ND 42	ND 42	ND 42	ND 42	360	ND 420	ND 42	ND 42	9300	ND 42
S153B1	10/22/2002	REG	270	2500	ND 31	ND 31	ND 31	ND 31	ND 31	370	ND 310	ND 31	ND 31	9200	ND 31
S153B1	10/24/2003	FD	140	1600	ND 20	ND 20	ND 20	ND 20	ND 20	730	ND 200	ND 20	ND 20	6800	ND 20
S153B1	10/24/2003	REG	140	1700	ND 20	ND 20	ND 20	ND 20	ND 20	720	ND 200	20	ND 20	6600	ND 20
S153B1	10/19/2004	FD	65	1200	ND 25	ND 25	ND 25	ND 25	ND 25	710	ND 250	ND 25	ND 25	4900	ND 25
S153B1	10/19/2004	REG	66	1300	ND 25	ND 25	ND 25	ND 25	ND 25	730	ND 250	ND 25	ND 25	4800	ND 25

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S153B1	11/11/2005	FB	ND 36	790	ND 36	ND 36	ND 36	ND 36	ND 36	760	ND 360	ND 36	ND 36	4700	ND 36
S153B1	11/11/2005	REG	ND 36	850	ND 36	ND 36	ND 36	ND 36	ND 36	740	ND 360	ND 36	ND 36	4800	ND 36
S153B1	12/04/2006	FD	100	2000	ND 50	ND 50	ND 50	ND 50	ND 50	370	ND 500	ND 50	ND 50	5200	ND 50
S153B1	12/04/2006	REG	86	1800	ND 50	ND 50	ND 50	ND 50	ND 50	280	ND 500	ND 50	ND 50	5200	ND 50
S153B1	07/30/2007	FD	120	2900	ND 50	ND 50	ND 50	ND 50	ND 50	81	ND 500	ND 50	ND 50	5500	ND 50
S153B1	07/30/2007	REG	100	2300	ND 42	ND 42	ND 42	ND 42	ND 42	73	ND 420	ND 42	ND 42	4700	ND 42
S153B1	10/30/2008	FD	60	2000	ND 36	ND 36	ND 36	ND 36	ND 36	64	ND 360	ND 36	ND 36	5100	ND 36
S153B1	10/30/2008	REG	55	1900	ND 42	ND 42	ND 42	ND 42	ND 42	56	ND 420	ND 42	ND 42	4600	ND 42
S153B1	11/02/2009	REG	ND 42	1200	ND 42	ND 42	ND 42	ND 42	ND 42	430	ND 1700	ND 42	ND 42	4900	ND 42
S153B1	10/29/2010	REG	ND 31	1300	ND 31	ND 31	ND 31	ND 31	ND 31	110	ND 1300	ND 31	ND 31	3800	ND 31
S153B1	12/05/2011	fd	ND 25	810	ND 25	ND 25	ND 25	ND 25	ND 25	48	ND 1000	ND 25	ND 25	3300	ND 25
S153B1	12/05/2011	REG	ND 31	830	ND 31	ND 31	ND 31	ND 31	ND 31	51	ND 1300	ND 31	ND 31	3600	ND 31
S153B1	11/12/2012	REG	ND 20	210	ND 20	ND 20	ND 20	ND 20	ND 20	61	ND 800	26	ND 20	3000	ND 20
S153B1	11/20/2013	REG	23	1100	ND 20	ND 20	ND 20	ND 20	ND 20	55	ND 800	ND 20	ND 20	3800	ND 20
S153B1	11/15/2014	REG	ND 20	1200	ND 20	ND 20	ND 20	ND 20	ND 20	42	ND 800	ND 20	ND 20	3700	ND 20
S153B1	12/01/2015	FD	ND 31	1200	ND 31	ND 31	ND 31	ND 31	ND 31	50	ND 1300	ND 31	ND 31	4100	ND 31
S153B1	12/01/2015	REG	ND 25	1000	ND 25	ND 25	ND 25	ND 25	ND 25	51	ND 1000	ND 25	ND 25	3600	ND 25
S153B1	11/20/2016	REG	ND 25	940	ND 25	ND 25	ND 25	ND 25	ND 25	47	ND 1000	ND 25	ND 25	3400	ND 25
S153B1	11/05/2017	REG	ND 25	810	ND 25	ND 25	ND 25	ND 25	ND 25	33	ND 1000	ND 25	ND 25	2700	ND 25
S153B1	11/16/2018	REG	ND 5	560	2.5 J	2.2 J	ND 5	ND 5	ND 5	29	10 B	14	ND 5	2600	ND 5
S154B1	10/27/1997	REG	590	1800	ND 50	ND 200	NT	ND 50	ND 50	ND 50	NT	ND 50	NT	8400	ND 50
S154B1	04/15/1998	REG	1600	7200	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	24000	ND 500
S154B1	10/14/1998	REG	1000	5200	ND 500	ND 500	NT	ND 500	ND 500	ND 500	NT	ND 500	NT	13000	ND 500
S154B1	01/22/1999	REG	680	3500	ND 500	ND 500	ND 1000	ND 500	ND 500	ND 500	ND 5000	ND 500	ND 500	10000	ND 500
S154B1	06/09/1999	REG	ND 500	2900	ND 500	ND 500	ND 1000	ND 500	ND 500	ND 500	ND 5000	ND 500	ND 500	11000	ND 500
S154B1	09/23/1999	REG	ND 5	2300	ND 5	24	ND 10	ND 5	ND 5	100	ND 50	ND 5	ND 5	7200	ND 5

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S154B1	04/03/2000	REG	490	2300	ND 25	33	ND 25	ND 25	ND 25	92	ND 250	ND 25	ND 25	7200	ND 25
S154B1	10/02/2000	REG	370	1900	ND 17	24	ND 17	ND 17	ND 17	110	ND 170	ND 17	ND 17	5800	ND 17
S154B1	04/02/2001	REG	240	2200	ND 19	32	ND 19	ND 19	ND 19	120	ND 190	ND 19	ND 19	5700	ND 19
S154B1	10/01/2001	FD	300	2400	ND 25	ND 25	ND 25	ND 25	ND 25	220	ND 250	ND 25	ND 25	7300	ND 25
S154B1	10/01/2001	REG	220	1800	22	ND 20	ND 20	ND 20	ND 20	190	ND 200	ND 20	ND 20	6700	ND 20
S154B1	04/16/2002	FD	260	2000	ND 25	ND 25	ND 25	ND 25	ND 25	140	ND 250	ND 25	ND 25	6100	ND 25
S154B1	04/16/2002	REG	330	2300	ND 20	23	ND 20	ND 20	ND 20	140	ND 200	ND 20	ND 20	6500	ND 20
S154B1	10/03/2002	FD	330	2900	ND 13	ND 13	ND 13	ND 13	ND 13	61	ND 130	ND 13	ND 13	5900	ND 13
S154B1	10/03/2002	REG	340	2900	ND 25	ND 25	ND 25	ND 25	ND 25	67	ND 250	ND 25	ND 25	5700	ND 25
S154B1	04/08/2003	FD	230	1900	ND 17	24	ND 17	ND 17	ND 17	57	ND 170	ND 17	ND 17	5600	ND 17
S154B1	04/08/2003	REG	240	2200	ND 13	20	ND 13	ND 13	ND 13	55	ND 130	ND 13	ND 13	5800	ND 13
S154B1	10/16/2003	REG	54	740	ND 7.1	ND 7.1	ND 7.1	ND 7.1	ND 7.1	8.1	ND 71	ND 7.1	ND 7.1	2000	ND 7.1
S154B1	04/26/2004	REG	210	2200	7.2	12	ND 7.1	ND 7.1	ND 7.1	42	ND 71	12	ND 7.1	4500	ND 7.1
S154B1	10/14/2004	REG	160	2000	ND 31	ND 31	ND 31	ND 31	ND 31	38	ND 310	ND 31	ND 31	3800	ND 31
S154B1	04/04/2005	REG	160	2300	ND 31	ND 31	ND 31	ND 31	ND 31	45	ND 310	ND 31	ND 31	3700	ND 31
S154B1	11/02/2005	REG	180	2400	ND 20	ND 20	ND 20	ND 20	ND 20	45	ND 200	ND 20	ND 20	4100	ND 20
S154B1	06/21/2006	REG	130	2100	ND 20	ND 20	ND 20	ND 20	ND 20	43	ND 200	ND 20	ND 20	3300	ND 20
S154B1	11/01/2006	REG	100	1500	ND 20	ND 20	ND 20	ND 20	ND 20	28	ND 200	ND 20	ND 20	2700	ND 20
S154B1	04/30/2007	REG	100	2200	ND 20	ND 20	ND 20	ND 20	ND 20	47	ND 200	ND 20	ND 20	3200	ND 20
S154B1	07/09/2007	REG	100	1900	ND 20	ND 20	ND 20	ND 20	ND 20	34	ND 200	ND 20	ND 20	2800	ND 20
S154B1	10/20/2008	REG	93	1500	ND 13	ND 13	ND 25	ND 13	ND 13	13	ND 130	ND 13	ND 13	2300	ND 13
S154B1	05/21/2009	REG	62	1300	ND 20	ND 20	ND 20	ND 20	ND 20	ND 20	ND 200	ND 20	ND 20	2600	ND 20
S154B1	11/03/2009	REG	60	920	ND 20	ND 20	ND 20	ND 20	ND 20	25	ND 800	ND 20	ND 20	2500	ND 20
S154B1	05/06/2010	REG	36	790	ND 20	ND 20	ND 20	ND 20	ND 20	44	ND 800	ND 20	ND 20	2000	ND 20
S154B1	11/04/2010	REG	18	520	ND 13	ND 13	ND 13	ND 13	ND 13	ND 13	ND 500	ND 13	ND 13	1500	ND 13
S154B1	06/01/2011	REG	48	850	ND 17	ND 17	ND 17	ND 17	ND 17	24	ND 670	ND 17	ND 17	1600	ND 17

Notes:
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S154B1	11/04/2011	REG	42	730	ND 13	ND 13	ND 13	ND 13	ND 13	18	ND 500	ND 13	ND 13	1800	ND 13
S154B1	06/09/2012	REG	42	680	ND 13	ND 13	ND 13	ND 13	ND 13	21	ND 500	ND 13	ND 13	1800	ND 13
S154B1	10/23/2012	REG	35	800	ND 17	ND 17	ND 17	ND 17	ND 17	20	ND 670	ND 17	ND 17	1600	ND 17
S154B1	06/18/2013	REG	43	830	ND 13	ND 13	ND 13	ND 13	ND 13	18	ND 500	ND 13	ND 13	1900	ND 13
S154B1	11/06/2013	REG	40	1000	ND 13	ND 13	ND 13	ND 13	ND 13	21	ND 500	ND 13	ND 13	1800	ND 13
S154B1	06/09/2014	REG	33	690	ND 13	ND 13	ND 13	ND 13	ND 13	14	ND 500	ND 13	ND 13	1500	ND 13
S154B1	10/30/2014	REG	41	1100	ND 13	ND 13	ND 13	ND 13	ND 13	18	ND 500	ND 13	ND 13	1900	ND 13
S154B1	05/20/2015	REG	37	1000	ND 13	ND 13	ND 13	ND 13	ND 13	24	ND 500	ND 13	ND 13	1900	ND 13
S154B1	10/16/2015	REG	32	1100	ND 13	ND 13	ND 13	ND 13	ND 13	21	ND 500	ND 13	ND 13	1900	ND 13
S154B1	05/25/2016	REG	28	880	ND 13	ND 13	ND 13	ND 13	ND 13	25	ND 500	ND 13	ND 13	1600	ND 13
S154B1	10/11/2016	REG	26	620	2.1	3.9	ND 1.3	ND 1.3	ND 1.3	16	ND 50	7.1	ND 1.3	1500	ND 1.3
S154B1	05/23/2017	REG	29	970	ND 10	ND 10	ND 10	ND 10	ND 10	19	ND 400	ND 10	ND 10	1800	ND 10
S154B1	10/13/2017	REG	23	660	ND 10	ND 10	ND 10	ND 10	ND 10	14	ND 400	ND 10	ND 10	1400	ND 10
S154B1	05/24/2018	REG	14	560	ND 8.3	ND 8.3	ND 8.3	ND 8.3	ND 8.3	10	ND 330	ND 8.3	ND 8.3	1200	ND 8.3
S154B1	10/04/2018	REG	20	520	ND 10	ND 10	ND 10	ND 10	ND 10	12	ND 400	ND 10	ND 10	1200	ND 10
S154B2	12/09/1999	REG	ND 5	320	ND 5	ND 5	ND 10	ND 5	ND 5	ND 5	ND 50	ND 5	ND 5	1700	ND 5
S154B2	02/15/2000	REG	ND 0.5	140	ND 0.5	ND 0.5	ND 1	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	620	ND 0.5
S154B2	04/03/2000	REG	ND 3.1	190	ND 3.1	ND 3.1	ND 3.1	ND 3.1	ND 3.1	ND 3.1	ND 31	ND 3.1	ND 3.1	940	ND 3.1
S154B2	07/17/2000	REG	ND 6.3	210	ND 6.3	ND 6.3	ND 6.3	ND 6.3	ND 6.3	ND 6.3	ND 63	ND 6.3	ND 6.3	840	ND 6.3
S154B2	10/02/2000	REG	ND 3.6	210	ND 3.6	ND 3.6	ND 3.6	ND 3.6	ND 3.6	ND 3.6	ND 36	ND 3.6	ND 3.6	1000	ND 3.6
S154B2	04/02/2001	REG	ND 3.6	290	ND 3.6	ND 3.6	ND 3.6	ND 3.6	ND 3.6	ND 3.6	ND 36	ND 3.6	ND 3.6	1000	ND 3.6
S154B2	10/01/2001	REG	ND 3.6	220	ND 3.6	ND 3.6	ND 3.6	ND 3.6	ND 3.6	ND 3.6	ND 36	ND 3.6	ND 3.6	760	ND 3.6
S154B2	04/16/2002	REG	ND 2.5	150	ND 2.5	ND 2.5	ND 2.5	ND 2.5	ND 2.5	ND 2.5	ND 25	ND 2.5	ND 2.5	780	ND 2.5
S154B2	10/03/2002	REG	ND 2.5	250	ND 2.5	ND 2.5	ND 2.5	ND 2.5	ND 2.5	ND 2.5	ND 25	ND 2.5	ND 2.5	750	ND 2.5
S154B2	04/08/2003	REG	ND 2.5	450	ND 2.5	ND 2.5	ND 2.5	ND 2.5	3.1	ND 2.5	ND 25	ND 2.5	ND 2.5	1200	ND 2.5
S154B2	10/16/2003	REG	ND 3.6	270	ND 3.6	ND 3.6	ND 3.6	ND 3.6	ND 3.6	ND 3.6	ND 36	ND 3.6	ND 3.6	870	ND 3.6

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S154B2	04/26/2004	REG	ND 1.7	170	ND 1.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	ND 17	ND 1.7	ND 1.7	410	ND 1.7
S154B2	10/15/2004	REG	ND 3.1	190	ND 3.1	ND 3.1	ND 3.1	ND 3.1	ND 3.1	ND 3.1	ND 31	ND 3.1	ND 3.1	350	ND 3.1
S154B2	04/04/2005	REG	ND 3.1	190	ND 3.1	ND 3.1	ND 3.1	ND 3.1	ND 3.1	ND 3.1	ND 31	ND 3.1	ND 3.1	370	ND 3.1
S154B2	11/02/2005	REG	ND 2.5	280	ND 2.5	ND 2.5	ND 2.5	ND 2.5	ND 2.5	ND 2.5	ND 25	ND 2.5	ND 2.5	460	ND 2.5
S154B2	06/21/2006	REG	ND 1.3	110	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 13	ND 1.3	ND 1.3	210	ND 1.3
S154B2	11/01/2006	REG	ND 3.1	370	ND 3.1	ND 3.1	ND 3.1	ND 3.1	ND 3.1	ND 3.1	ND 31	ND 3.1	ND 3.1	570	ND 3.1
S154B2	04/30/2007	REG	ND 3.1	250	ND 3.1	ND 3.1	ND 3.1	ND 3.1	ND 3.1	ND 3.1	ND 31	ND 3.1	ND 3.1	550	ND 3.1
S154B2	07/09/2007	REG	ND 3.1	220	ND 3.1	ND 3.1	ND 3.1	ND 3.1	ND 3.1	ND 3.1	ND 31	ND 3.1	ND 3.1	480	ND 3.1
S154B2	10/21/2008	REG	ND 3.1	250	ND 3.1	ND 3.1	ND 3.1	ND 3.1	ND 3.1	ND 3.1	ND 31	ND 3.1	ND 3.1	470	ND 3.1
S154B2	05/21/2009	REG	ND 1.7	110	ND 1.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	ND 17	ND 1.7	ND 1.7	230	ND 1.7
S154B2	11/03/2009	REG	ND 1.7	85	ND 1.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	ND 67	ND 1.7	ND 1.7	220	ND 1.7
S154B2	05/06/2010	REG	ND 1.7	76	ND 1.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	1.9	ND 67	ND 1.7	ND 1.7	170	ND 1.7
S154B2	11/04/2010	REG	ND 1.7	78	ND 1.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	ND 1.7	ND 67	ND 1.7	ND 1.7	160	ND 1.7
S154B2	06/01/2011	REG	ND 1.3	71	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	3.3	ND 50	ND 1.3	ND 1.3	150	ND 1.3
S154B2	11/04/2011	REG	ND 1.0	53	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	1.5	ND 40	ND 1.0	ND 1.0	120	ND 1.0
S154B2	06/09/2012	REG	ND 1.3	56	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 50	ND 1.3	ND 1.3	130	ND 1.3
S154B2	10/23/2012	REG	ND 0.7	48	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	2.6	ND 29	ND 0.7	ND 0.7	110	ND 0.7
S154B2	06/18/2013	REG	ND 1.0	46	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 40	ND 1.0	ND 1.0	130	ND 1.0
S154B2	11/06/2013	REG	ND 1.0	57	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	1.6	ND 40	ND 1.0	ND 1.0	110	ND 1.0
S154B2	06/09/2014	REG	ND 0.5	64	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.2	ND 20	ND 0.5	ND 0.5	130	ND 0.5
S154B2	10/29/2014	REG	ND 1.0	67	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	3.7	ND 40	ND 1.0	ND 1.0	120	ND 1.0
S154B2	05/20/2015	REG	ND 1.0	72	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	1.6	ND 40	ND 1.0	ND 1.0	120	ND 1.0
S154B2	10/16/2015	REG	ND 1.0	46	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	1.8	ND 40	ND 1.0	ND 1.0	110	ND 1.0
S154B2	05/26/2016	REG	ND 0.5	44	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1	ND 20	ND 0.5	ND 0.5	94	ND 0.5
S154B2	10/11/2016	REG	ND 1.0	37	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	4.4	ND 40	ND 1.0	ND 1.0	110	ND 1.0
S154B2	05/23/2017	REG	ND 1.0	160	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	2	ND 40	ND 1.0	ND 1.0	120	ND 1.0

Notes:
B – Analyte was present in an associated method blank
J – Reported value is estimated
ND – Denotes result was below the detection limit
NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S154B2	10/13/2017	REG	ND 1.0	190	ND 1.0	ND 1.0	ND 1.0	ND 1.0	ND 1.0	1.5	ND 40	ND 1.0	ND 1.0	190	ND 1.0
S154B2	05/24/2018	REG	ND 1.3	140	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 50	ND 1.3	ND 1.3	200	ND 1.3
S154B2	10/04/2018	REG	ND 1.3	59	ND 1.3	ND 1.3	ND 1.3	ND 1.3	ND 1.3	1.8	ND 50	ND 1.3	ND 1.3	190	ND 1.3
S154B3	12/09/1999	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 1	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	66	ND 0.5
S154B3	02/15/2000	REG	ND 0.5	0.7	ND 0.5	ND 0.5	ND 1	ND 0.5	ND 0.5	1.3	ND 5	ND 0.5	ND 0.5	43	ND 0.5
S154B3	04/03/2000	REG	ND 0.5	13	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	3.5	ND 5	ND 0.5	ND 0.5	180	ND 0.5
S154B3	07/17/2000	REG	ND 0.5	10	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	2	ND 5	ND 0.5	ND 0.5	160	ND 0.5
S154B3	10/02/2000	REG	ND 0.5	9.7	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	2.4	ND 5	ND 0.5	ND 0.5	160	ND 0.5
S154B3	04/02/2001	REG	ND 0.5	6.2	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	2.1	ND 5	ND 0.5	ND 0.5	110	ND 0.5
S154B3	10/02/2001	REG	ND 0.5	7.7	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.9	ND 5	ND 0.5	ND 0.5	130	ND 0.5
S154B3	04/16/2002	REG	ND 0.5	7.9	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	2.3	ND 5	ND 0.5	ND 0.5	130	ND 0.5
S154B3	10/03/2002	REG	ND 0.5	19	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	2.5	ND 5	ND 0.5	ND 0.5	120	ND 0.5
S154B3	04/08/2003	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 5	ND 0.5	ND 0.5	4.3	ND 0.5
S154B3	10/16/2003	REG	ND 0.5	ND 5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.6	ND 5	ND 0.5	ND 0.5	4.4	ND 0.5
S154B3	04/26/2004	REG	ND 0.5	73	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	2.3	ND 5	ND 0.5	ND 0.5	110	ND 0.5
S154B3	10/15/2004	REG	ND 0.6	68	ND 0.6	ND 0.6	ND 0.6	ND 0.6	ND 0.6	1.9	ND 6.3	ND 0.6	ND 0.6	81	ND 0.6
S154B3	04/04/2005	REG	ND 0.5	83	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	2.3	ND 5	ND 0.5	ND 0.5	92	ND 0.5
S154B3	11/02/2005	REG	ND 0.5	88	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	2.3	ND 5	ND 0.5	ND 0.5	97	ND 0.5
S154B3	06/20/2006	REG	ND 1	44	ND 1	ND 1	ND 1	ND 1	ND 1	1.9	ND 10	ND 1	ND 1	130	ND 1
S154B3	11/01/2006	REG	ND 0.5	57	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	2	ND 5	ND 0.5	ND 0.5	100	ND 0.5
S154B3	04/30/2007	REG	ND 0.7	42	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	2.2	ND 7.1	ND 0.7	ND 0.7	110	ND 0.7
S154B3	07/09/2007	REG	ND 0.7	38	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	2.1	ND 7.1	ND 0.7	ND 0.7	100	ND 0.7
S154B3	10/20/2008	REG	ND 0.5	30	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	3.4	ND 5.0	ND 0.5	ND 0.5	48	ND 0.5
S154B3	05/21/2009	REG	ND 0.5	16	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	3	ND 5.0	ND 0.5	ND 0.5	75	ND 0.5
S154B3	11/03/2009	REG	ND 0.5	12	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	2.5	ND 20	ND 0.5	ND 0.5	80	ND 0.5
S154B3	05/07/2010	REG	ND 0.5	10	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	3.1	ND 20	ND 0.5	ND 0.5	64	ND 0.5

Notes:
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J – Reported value is estimated
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S154B3	11/04/2010	REG	ND 0.5	12	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	3.7	ND 20	ND 0.5	ND 0.5	56	ND 0.5
S154B3	06/01/2011	REG	ND 0.5	19	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	4.8	ND 20	ND 0.5	ND 0.5	74	ND 0.5
S154B3	11/04/2011	REG	ND 0.5	19	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	3.2	ND 20	ND 0.5	ND 0.5	59	ND 0.5
S154B3	06/09/2012	REG	ND 0.5	22	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	2.9	ND 20	ND 0.5	ND 0.5	55	ND 0.5
S154B3	10/23/2012	REG	ND 0.5	27	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	2.2	ND 20	ND 0.5	ND 0.5	48	ND 0.5
S154B3	06/18/2013	REG	ND 0.5	24	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	2.3	ND 20	ND 0.5	ND 0.5	57	ND 0.5
S154B3	11/06/2013	REG	ND 0.5	31	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	2.7	ND 20	ND 0.5	ND 0.5	63	ND 0.5
S154B3	06/09/2014	REG	ND 0.5	26	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	2.3	ND 20	ND 0.5	ND 0.5	63	ND 0.5
S154B3	10/30/2014	REG	ND 0.5	9.8	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	6	ND 20	ND 0.5	ND 0.5	25	ND 0.5
S154B3	05/20/2015	REG	ND 0.5	30	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	6.7	ND 20	ND 0.5	ND 0.5	64	ND 0.5
S154B3	10/16/2015	REG	ND 0.5	16	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	7.4	ND 20	ND 0.5	ND 0.5	46	ND 0.5
S154B3	05/26/2016	REG	ND 0.5	9.2	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	4.2	ND 20	ND 0.5	ND 0.5	23	ND 0.5
S154B3	10/11/2016	REG	ND 0.5	2.8	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	3.1	ND 20	ND 0.5	ND 0.5	11	ND 0.5
S154B3	05/23/2017	REG	ND 0.5	13	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	5.3	ND 20	ND 0.5	ND 0.5	81	ND 0.5
S154B3	10/13/2017	REG	ND 0.5	13	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	3.4	ND 20	ND 0.5	ND 0.5	83	ND 0.5
S154B3	05/24/2018	REG	ND 0.5	13	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	2.2	ND 20	ND 0.5	ND 0.5	69	ND 0.5
S154B3	10/04/2018	REG	ND 0.5	3	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	2.7	ND 20	ND 0.5	ND 0.5	14	ND 0.5
S157A	11/03/2006	REG	1.1	ND 5	ND 0.5	0.6	ND 0.5	ND 0.5	ND 0.5	1.1	ND 5	ND 0.5	ND 0.5	52	ND 0.5
S157A	07/12/2007	REG	1	ND 5	0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.5	ND 5	ND 0.5	ND 0.5	60	ND 0.5
S157A	10/16/2008	REG	0.7	ND 5.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.2	ND 5.0	0.6	ND 0.5	56	ND 0.5
S157A	10/19/2009	REG	0.7	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.3	ND 20	0.7	ND 0.5	60	ND 0.5
S157A	10/16/2010	REG	0.7	ND 2.0	0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.6	ND 20	0.9	ND 0.5	59	ND 0.5
S157A	11/14/2011	REG	0.7	ND 3.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.5	ND 20	1.1	ND 0.5	66	ND 0.5
S157A	10/31/2012	REG	0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.3	ND 20	1.4	ND 0.5	54	ND 0.5
S157A	11/13/2013	REG	0.6	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.5	ND 20	1.6	ND 0.5	63	ND 0.5
S157A	11/07/2014	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.7	ND 20	1.7	ND 0.5	67	ND 0.5

Notes:
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NT – Sample not tested for the given parameter

APPENDIX B
HISTORICAL ANALYTICAL DATA
SIGNETICS SITE, 811 EAST ARQUES AVENUE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	1,2-Dichlorobenzene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
S157A	11/24/2015	REG	0.6	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	2.3	ND 20	1.9	ND 0.5	70	ND 0.5
S157A	11/11/2016	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	2	ND 20	1.7	ND 0.5	63	ND 0.5
S157A	10/19/2017	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1.8	ND 20	1.4	ND 0.5	57	ND 0.5
S157A	11/14/2018	REG	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	1	3.8 B	ND 0.5	ND 0.5	23	ND 0.5
S157B1	11/03/2006	REG	1.6	ND 7.1	ND 0.7	0.7	ND 0.7	ND 0.7	ND 0.7	1.6	ND 7.1	1.4	ND 0.7	110	ND 0.7
S157B1	07/12/2007	REG	1	ND 7.1	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	1.4	ND 7.1	1.1	ND 0.7	97	ND 0.7
S157B1	10/16/2008	REG	1.3	ND 5.0	0.6	0.7	ND 0.5	ND 0.5	ND 0.5	1.6	ND 5.0	1.5	ND 0.5	100	ND 0.5
S157B1	10/19/2009	REG	1.1	ND 2.0	ND 0.5	0.6	ND 0.5	ND 0.5	ND 0.5	1.4	ND 20	1.3	ND 0.5	89	ND 0.5
S157B1	10/16/2010	REG	0.8	ND 2.9	ND 0.7	ND 0.7	ND 0.7	ND 0.7	ND 0.7	2	ND 29	0.8	ND 0.7	84	1.2
S157B1	11/14/2011	REG	0.8	ND 3.0	ND 0.5	0.5	ND 0.5	ND 0.5	ND 0.5	0.8	ND 20	0.9	ND 0.5	74	ND 0.5
S157B1	10/31/2012	REG	0.7	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.9	ND 20	1.2	ND 0.5	70	ND 0.5
S157B1	11/13/2013	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.8	ND 20	1	ND 0.5	70	ND 0.5
S157B1	11/07/2014	REG	0.6	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.8	ND 20	1	ND 0.5	72	ND 0.5
S157B1	11/24/2015	REG	0.6	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.8	ND 20	1.2	ND 0.5	76	ND 0.5
S157B1	11/11/2016	REG	0.6	ND 2.0	ND 0.5	0.6	ND 0.5	ND 0.5	ND 0.5	1.1	ND 20	1.4	ND 0.5	92	ND 0.5
S157B1	10/19/2017	REG	ND 0.5	ND 2.0	ND 0.5	ND 0.5	ND 0.5	ND 0.5	ND 0.5	0.8	ND 20	1.1	ND 0.5	79	ND 0.5
S157B1	11/14/2018	REG	ND 0.5	ND 0.5	0.350 J	0.360 J	ND 0.5	ND 0.5	ND 0.5	1.4	2.8 B	0.97	ND 0.5	83	ND 0.5

Notes:
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