# Focused Feasibility Study Work Plan
# Signetics Site
# Sunnyvale, California

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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/m$^3$ 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/m$^3$. 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/m$^3$, 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/m$^3$. 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/m$^3$). This is above the site-specific action level of 5.0 µg/m$^3$ as specified in the ASAOC, yet below the short-term 8-hr commercial action level of 9.0 µg/m$^3$. 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/m$^3$, 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<br>hawthornej@locustec.com |
| Project Manager | Nancy-Jeanne LeFevre, P.E. | (415) 992-5360<br>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<br>- Field Sampling Plan<br>- 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 | $1 \times 10^{-4}$ | $2 \times 10^{-3}$ | <1 | <1 |
| School children | $4 \times 10^{-8}$ | $6 \times 10^{-7}$ | <1 | <1 |
| FUTURE-USE SCENARIOS | | | | |
| Ingestion of groundwater -- Aquifer A | $2 \times 10^{-3}$ | $4 \times 10^{-1}$ | >1 | >1 |
| Inhalation of VOCs in groundwater -- Aquifer A | $3 \times 10^{-4}$ | $1 \times 10^{-1}$ | <1 | <1 |
| Ingestion of groundwater -- Aquifer B | $2 \times 10^{-3}$ | $6 \times 10^{-1}$ | >1 | >1 |
| Inhalation of VOCs from groundwater -- Aquifer B | $3 \times 10^{-4}$ | $2 \times 10^{-1}$ | <1 | <1 |
| Inhalation of chemicals migrating from onsite groundwater through soil to ambient air | $4 \times 10^{-5}$ | $8 \times 10^{-4}$ | <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-H
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 Top | Bottom | Date Sampled | Tetrachloroethene PCE | Trichloroethene TCE | *cis*-1,2-Dichloroethene *cis*-1,2-DCE | Trichlorotrifluoroethane CFC 113 | 1,2-Dichlorobenzene 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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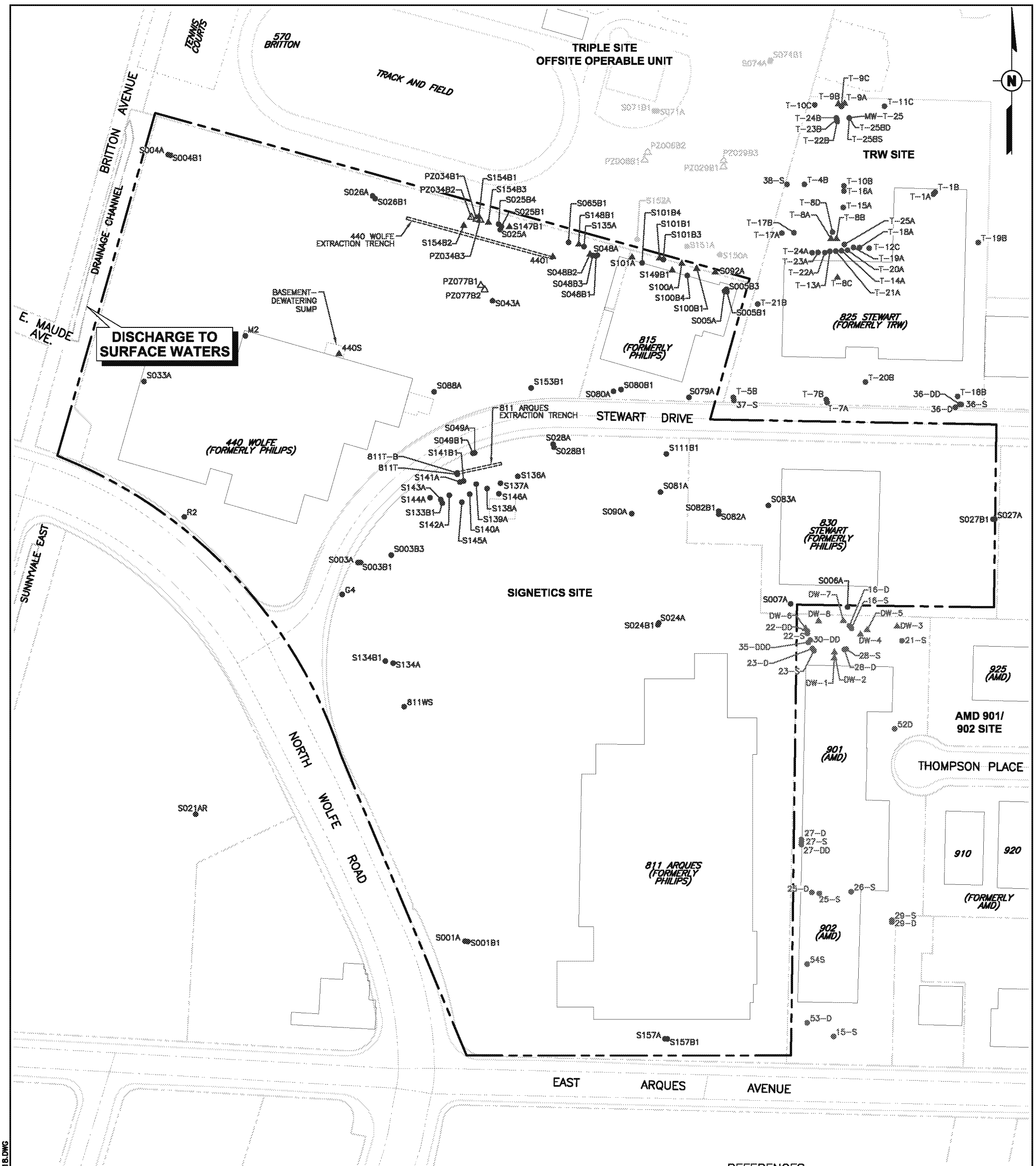
0 0.2 0.4mi

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




REFERENCES:

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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

SITE PLAN

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 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, S069A, S089A, S088B1, S088B1 | 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 |

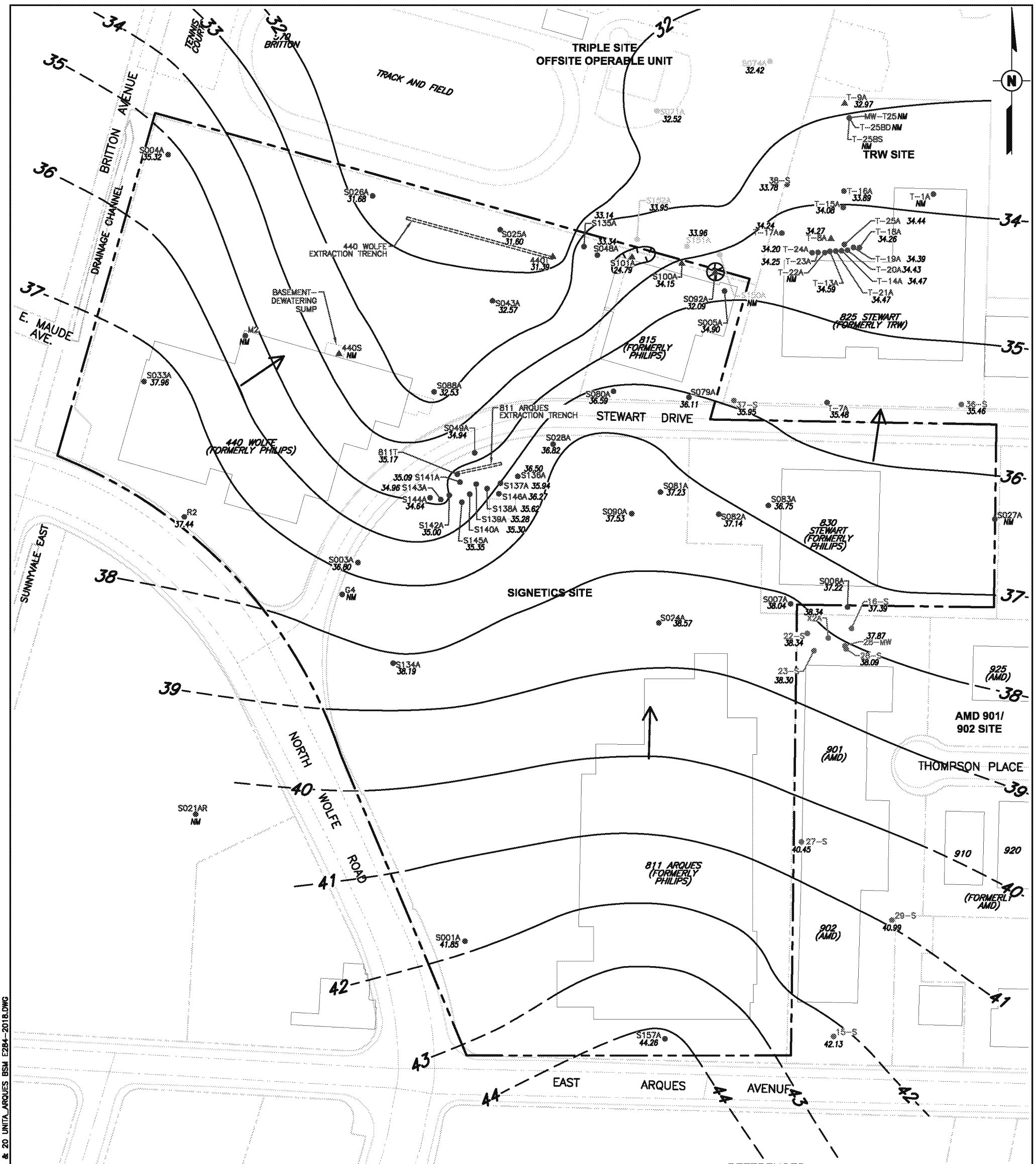
Locus TECHNOLOGIES

0 160 320
SCALE IN FEET

DRAWING NO. 27-006-E284

FIGURE 2

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




REFERENCES:

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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 |
|---|---|---|---|---|---|
| 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, S068A, S069A, S068B1, S069B1 | 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 |

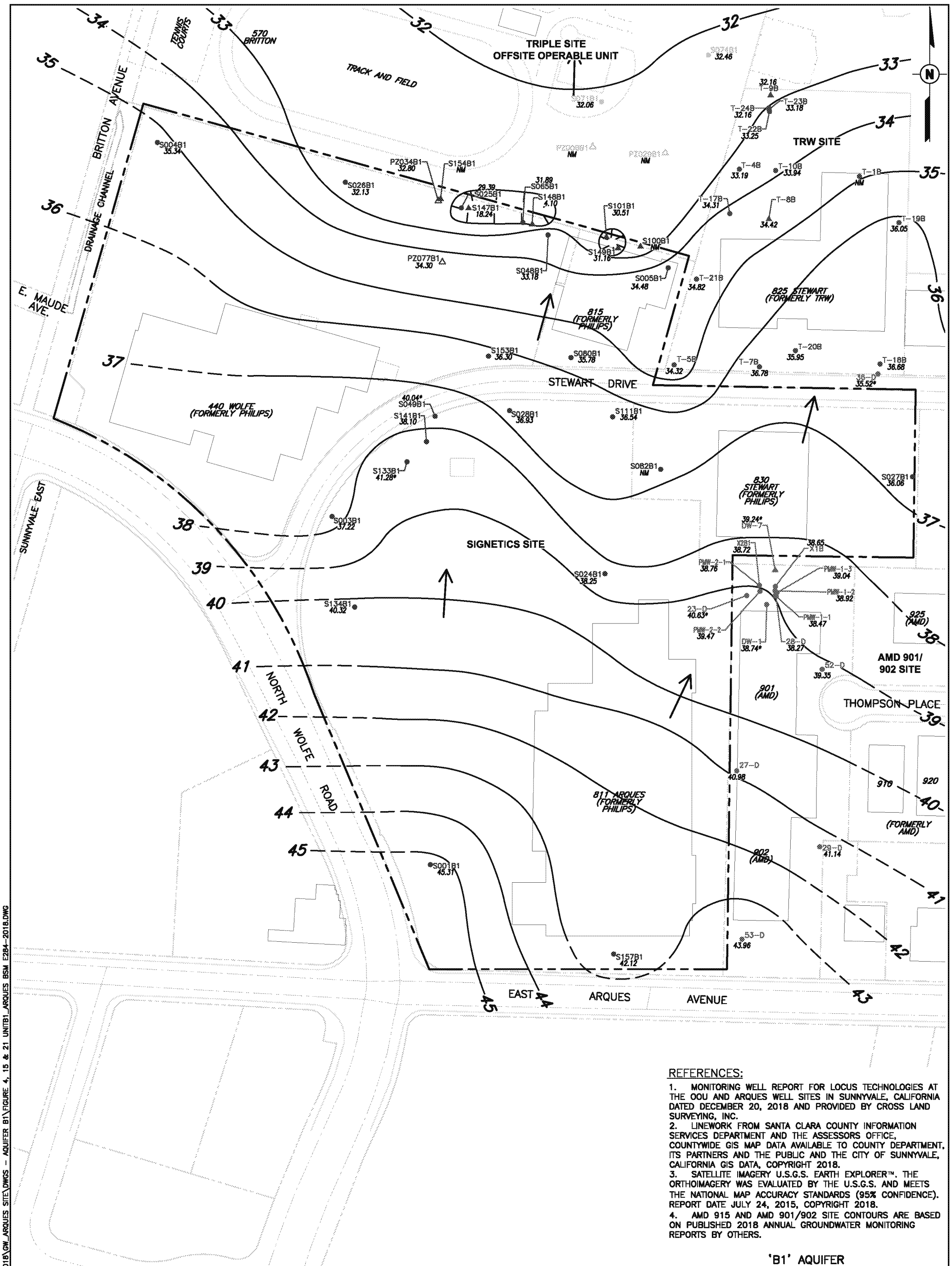
locus TECHNOLOGIES

0 160 320
SCALE IN FEET

DRAWING NO. 27-006-E284

FIGURE 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




REFERENCES:

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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

'B1' 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 |
|---|---|---|---|---|---|
| 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, PZ012B1M, PZ012B2, PZ022B2, PZ012B3, S068A, S069A, S068B1, S069B1 | 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-8, M-1, S065A, S070A, S087A, and S089A. | JWH | JWH | JEB |

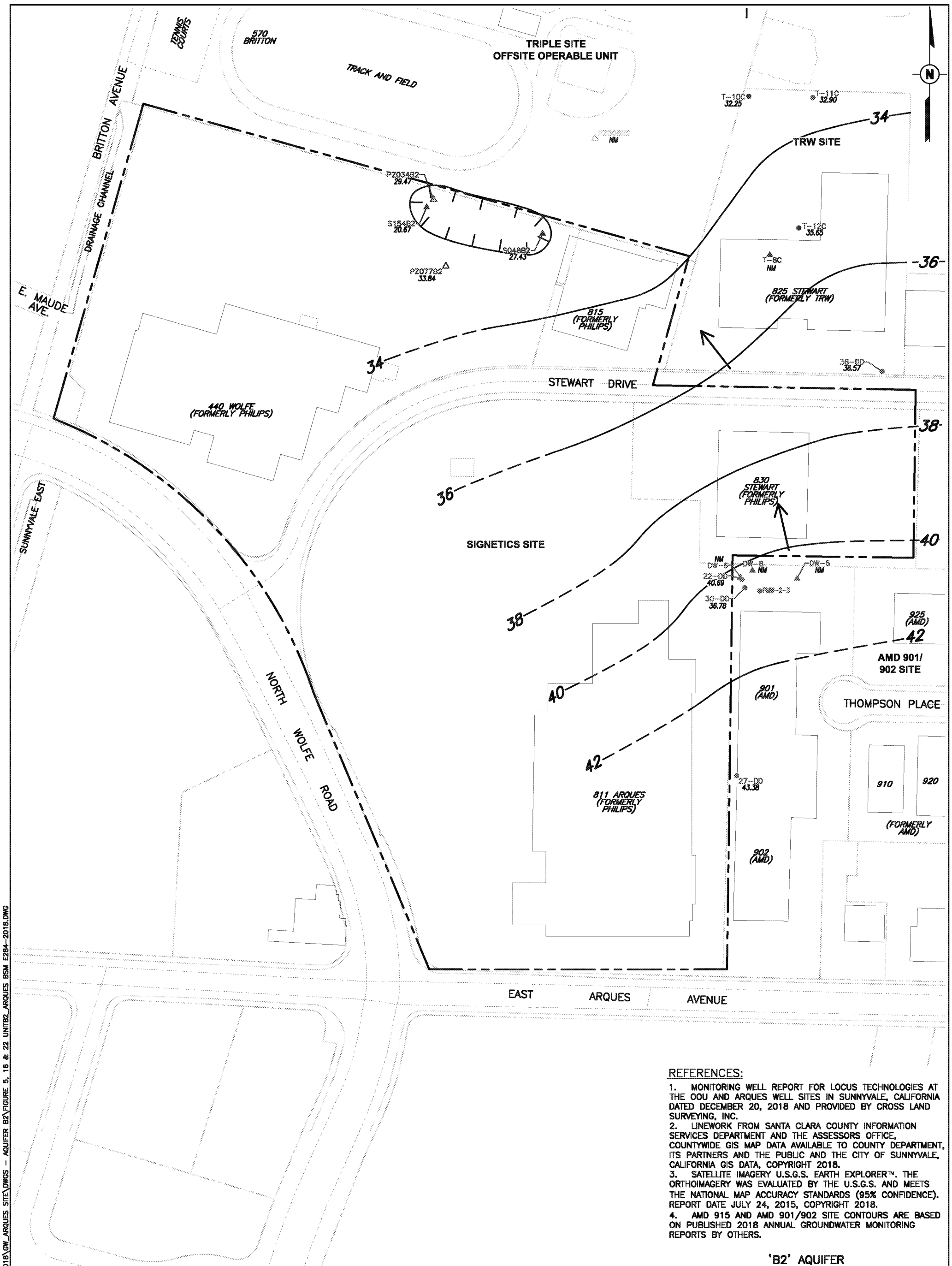
LOCUS TECHNOLOGIES

0 160 320
SCALE IN FEET

DRAWING NO. 27-006-E284

FIGURE 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

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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
- 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

'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 |
|---|---|---|---|---|---|
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| 4 | 17 JAN 17 | ADDED WELLS FROM SURVEY & SEALED WELLS/PIEZOMETERS: PZ010A, PZ012B1M, PZ012B2, PZ022B2, PZ012B3, S068A, S069A, S068B1, S069B1 | 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 |

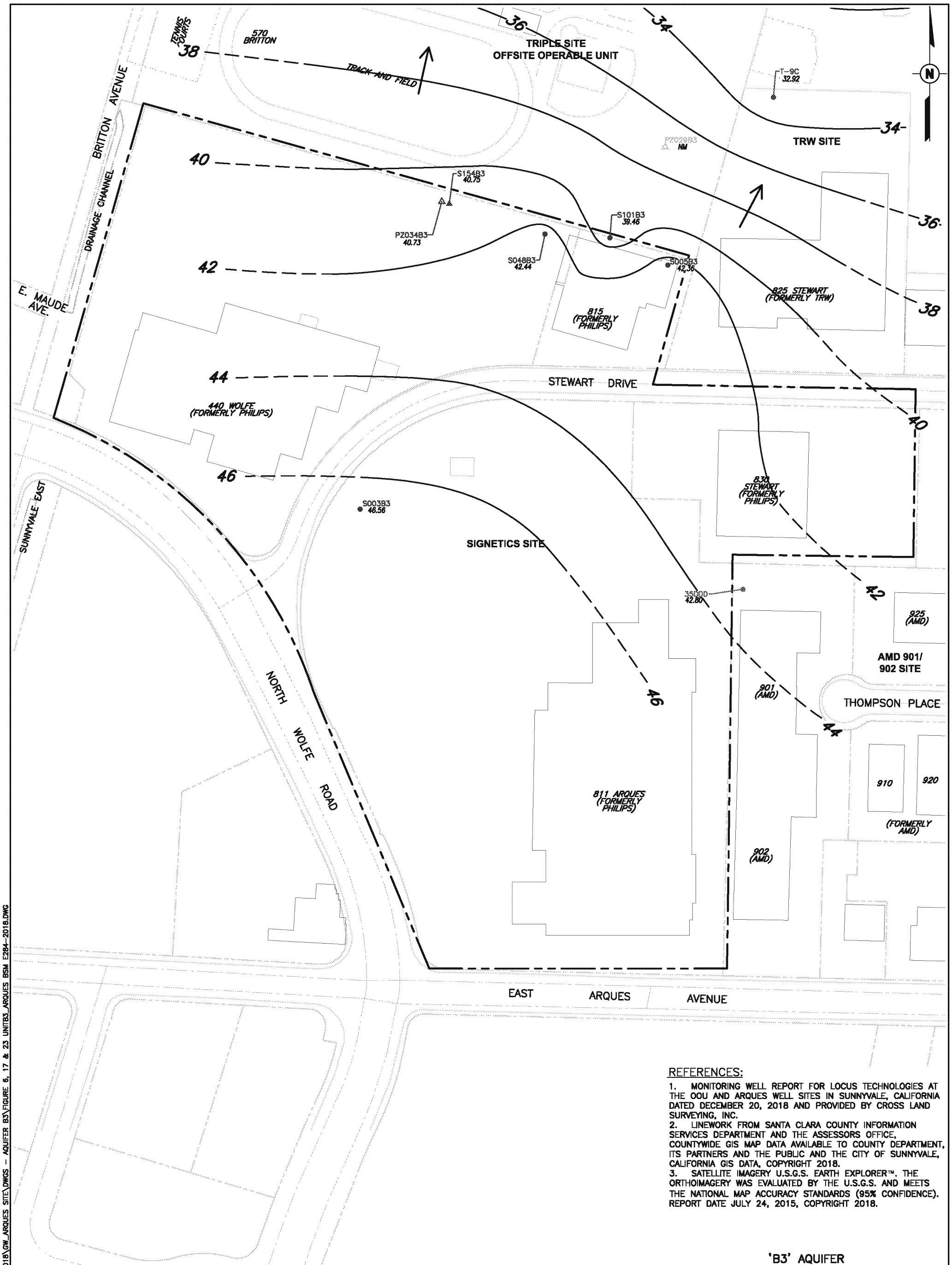
LOCUS TECHNOLOGIES

0 160 320
SCALE IN FEET

DRAWING NO. 27-006-E284

FIGURE 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

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LEGEND:

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- ▲ 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

'B3' 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 |
|---|---|---|---|---|---|
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| 4 | 17 JAN 17 | ADDED WELLS FROM SURVEY & SEALED WELLS/PIEZOMETERS: PZ010A, PZ012B1M, PZ012B2, PZ022B2, PZ012B3, S068A, S069A, S068B1, S069B1 | 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 |

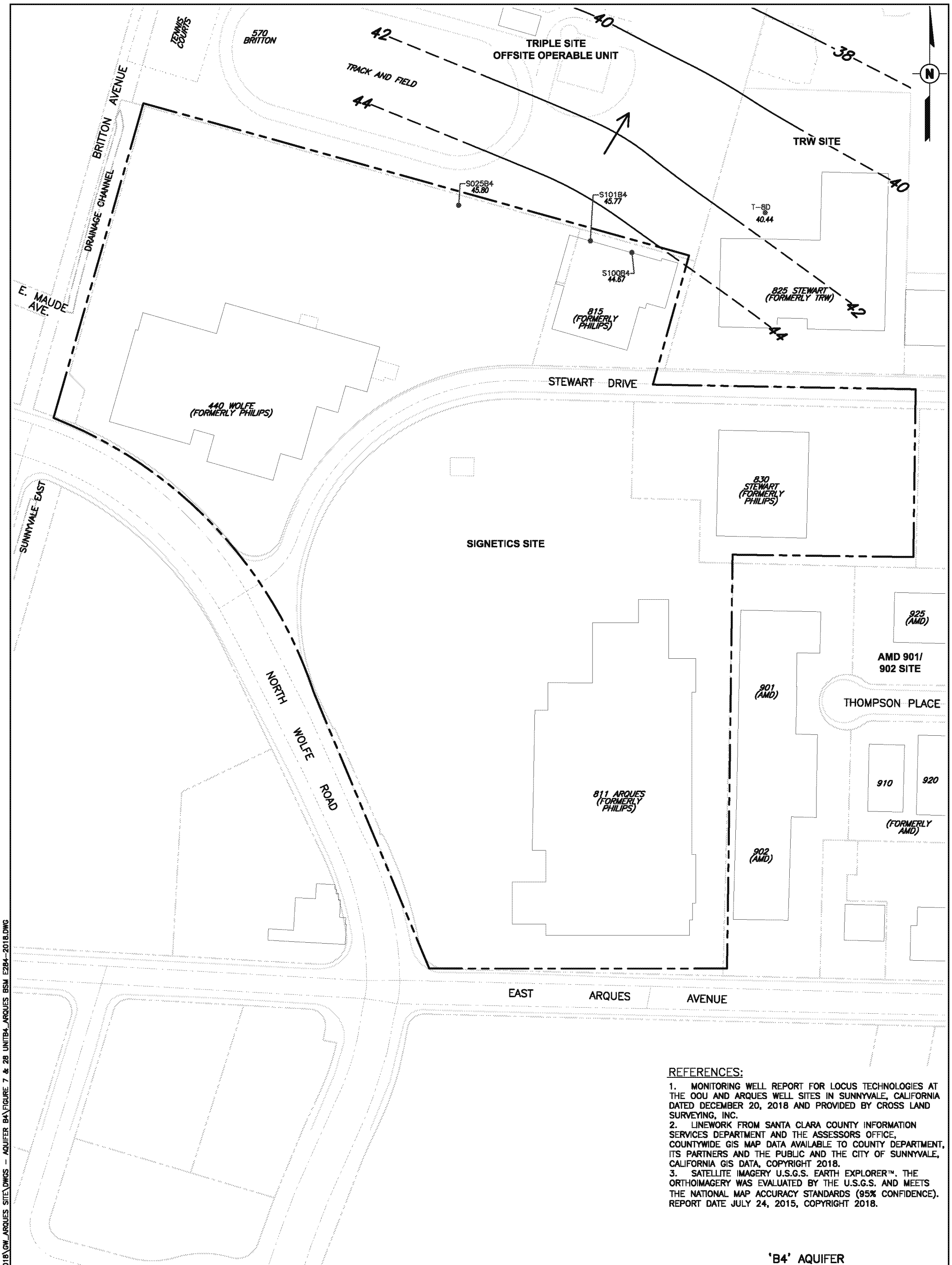
LOCUS TECHNOLOGIES

0 160 320
SCALE IN FEET

DRAWING NO. 27-006-E284

FIGURE 6

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

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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

'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 |
|---|---|---|---|---|---|
| 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, PZ012B1M, PZ012B2, PZ022B2, PZ012B3, S068A, S069A, S068B1, S069B1 | 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

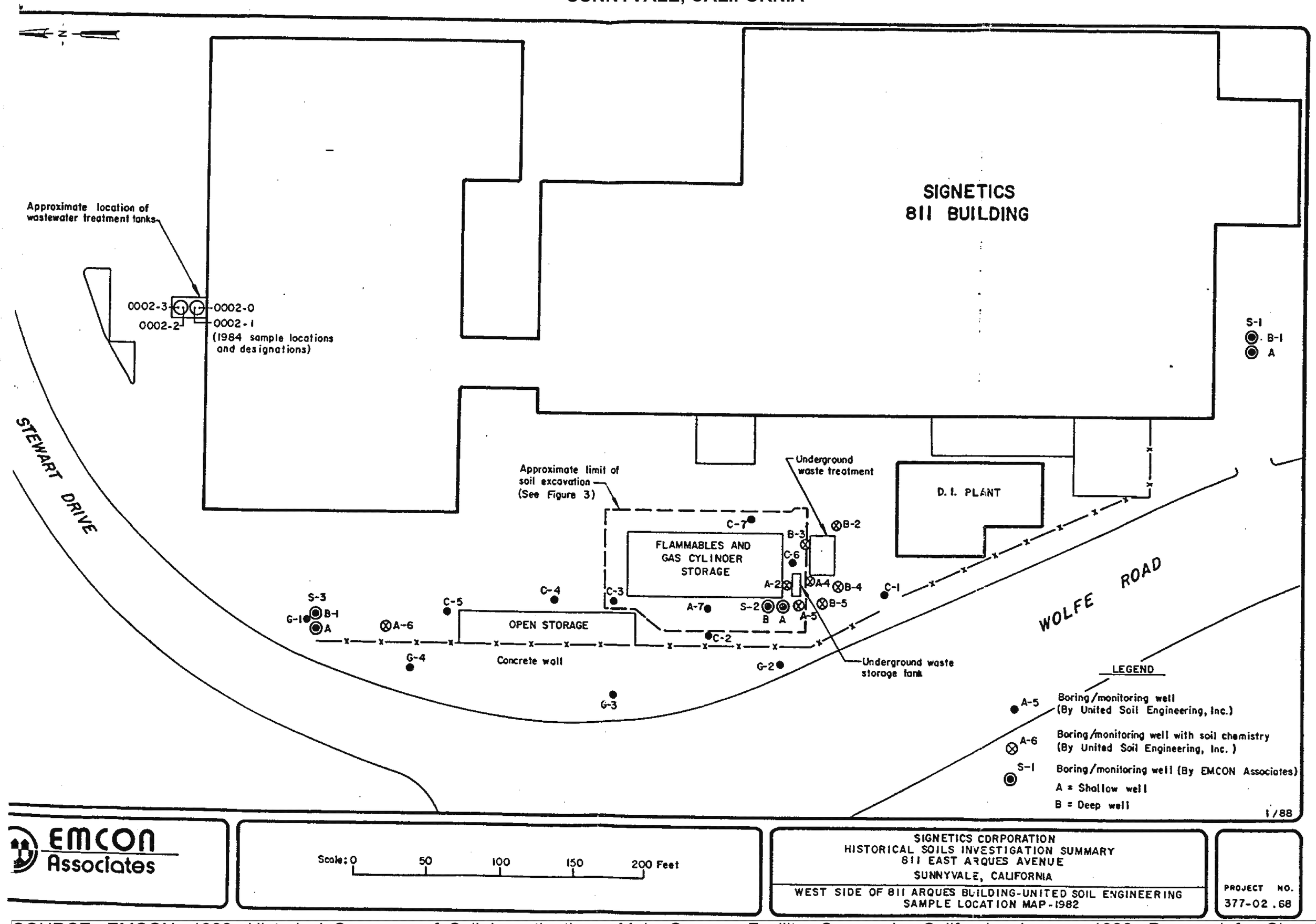
0 160 320
SCALE IN FEET

DRAWING NO. 27-006-E284

FIGURE 7

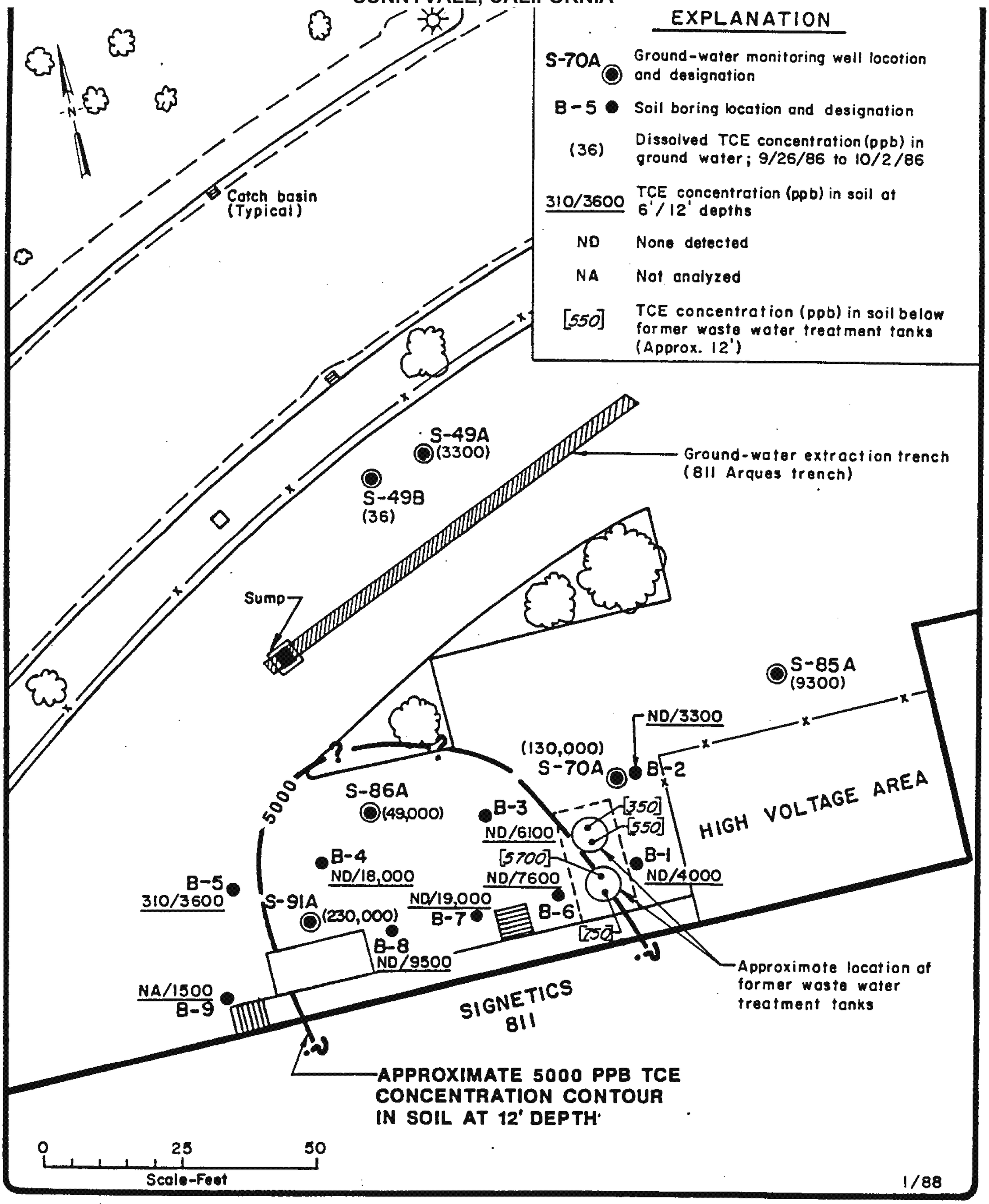
FILE NAME: Z:\LOCUS.TEC\PHILIPS SUNNYVALE\GW_MAPS\2018\GW_ARQUES SITE\DWGS - AQUIFER B4\FIGURE 7 & 28 UNITB4_ARQUES BSM E284-2018.DWG

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




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

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




EMCON Associates
San Jose, California

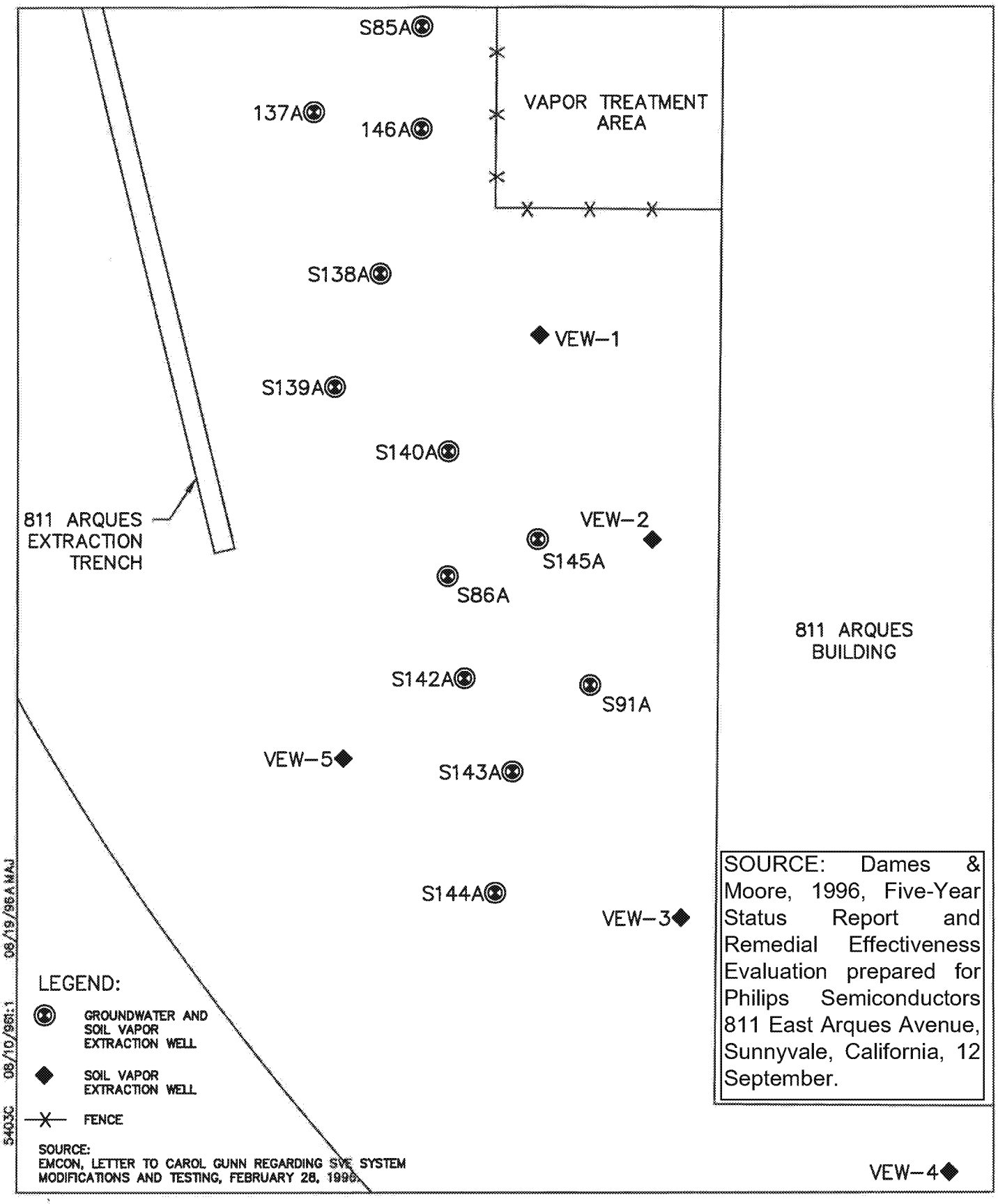
SIGNETICS CORPORATION
HISTORICAL SOILS INVESTIGATION SUMMARY
811 EAST ARQUES AVENUE
SUNNYVALE, CALIFORNIA

NORTH SIDE OF 811 ARQUES BUILDING
SOIL SAMPLE LOCATION MAP

PROJECT NO. 377-02.68

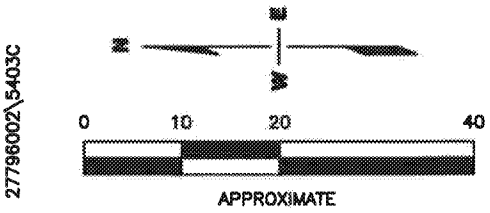
SOURCE: EMCON, 1988. Historical Summary of Soil Investigations, Main Campus Facility, Sunnyvale, California, January 1988. Prepared for Signetics Corporation.

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




SOURCE: Dames & Moore, 1996, Five-Year Status Report and Remedial Effectiveness Evaluation prepared for Philips Semiconductors 811 East Arques Avenue, Sunnyvale, California, 12 September.

5403C 08/10/96;1 08/19/96 A MAJ




27796002\5403C

SOIL VAPOR EXTRACTION WELL LOCATIONS

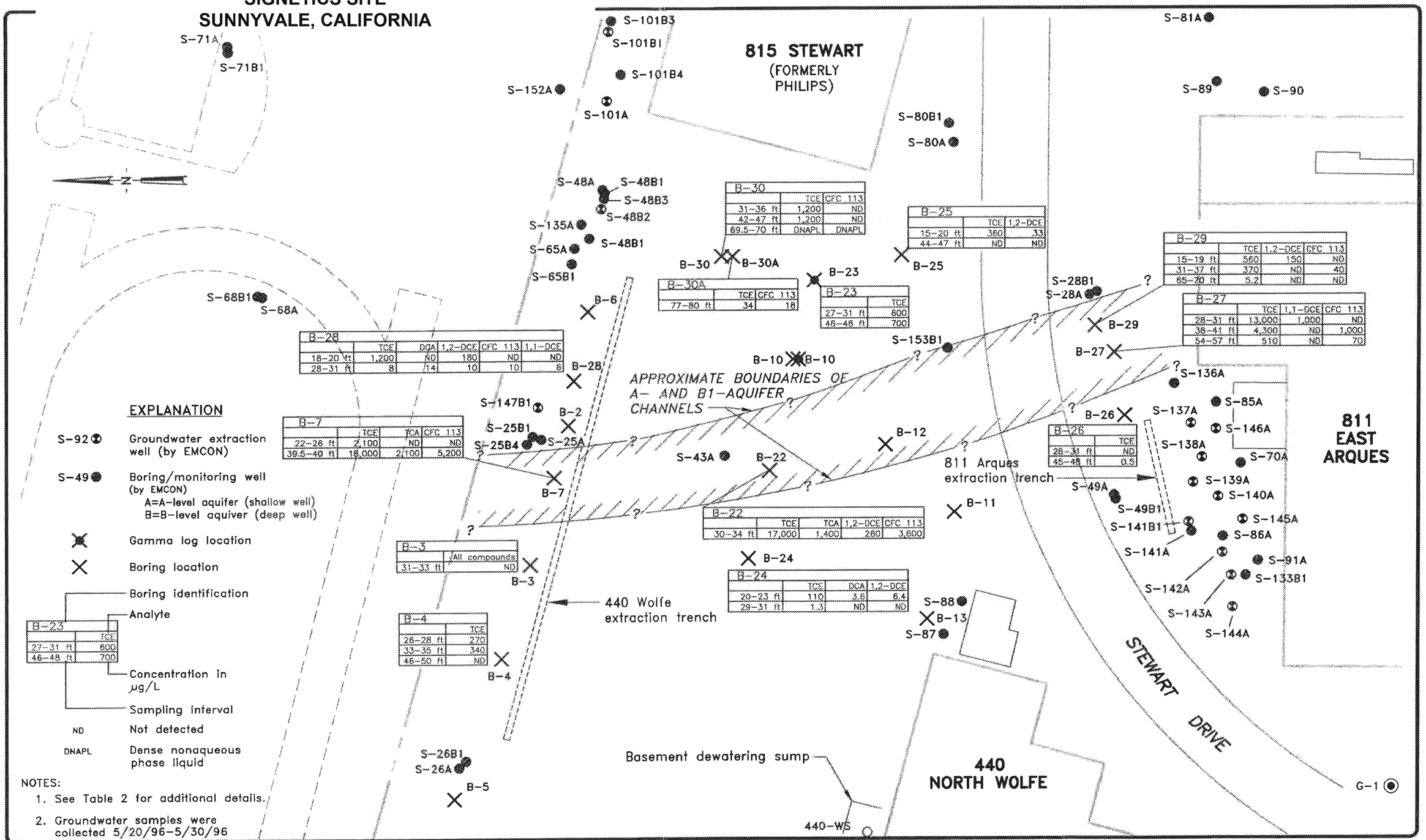
AUGUST 1996
27796-002-179

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

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

| 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 |
|---|---|
| 28-28 ft | 270 |
| 33-35 ft | 340 |
| 46-50 ft | ND |

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

G:\37721\ANALYT REV 0 09/04/96 10:28:54 kit DJ

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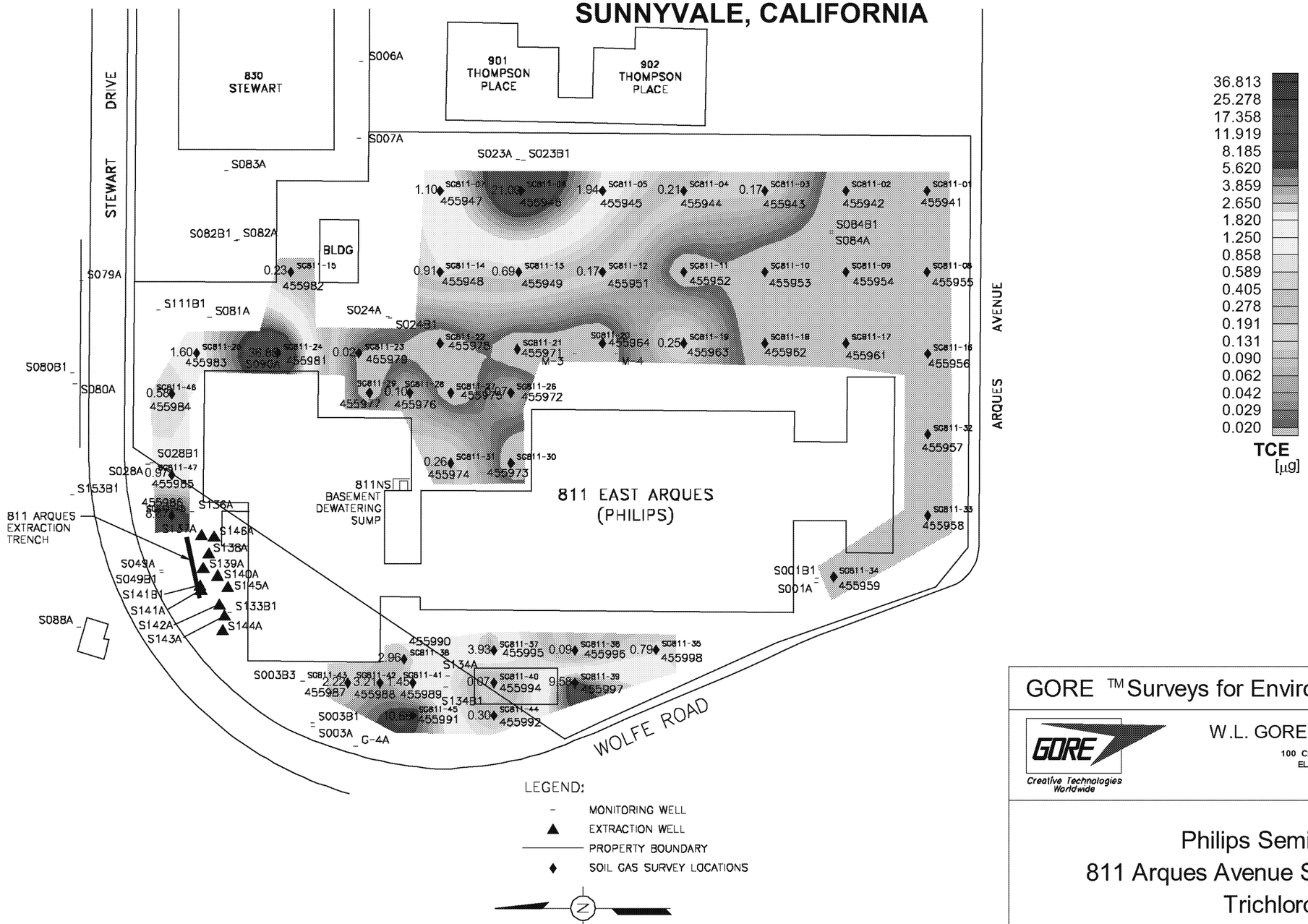
# FIGURE 12. SOIL GAS SURVEY RESULTS FROM 2004
## SIGNETICS SITE
## SUNNYVALE, CALIFORNIA




GORE ™ Surveys for Environmental Site Assessment

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

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 | |

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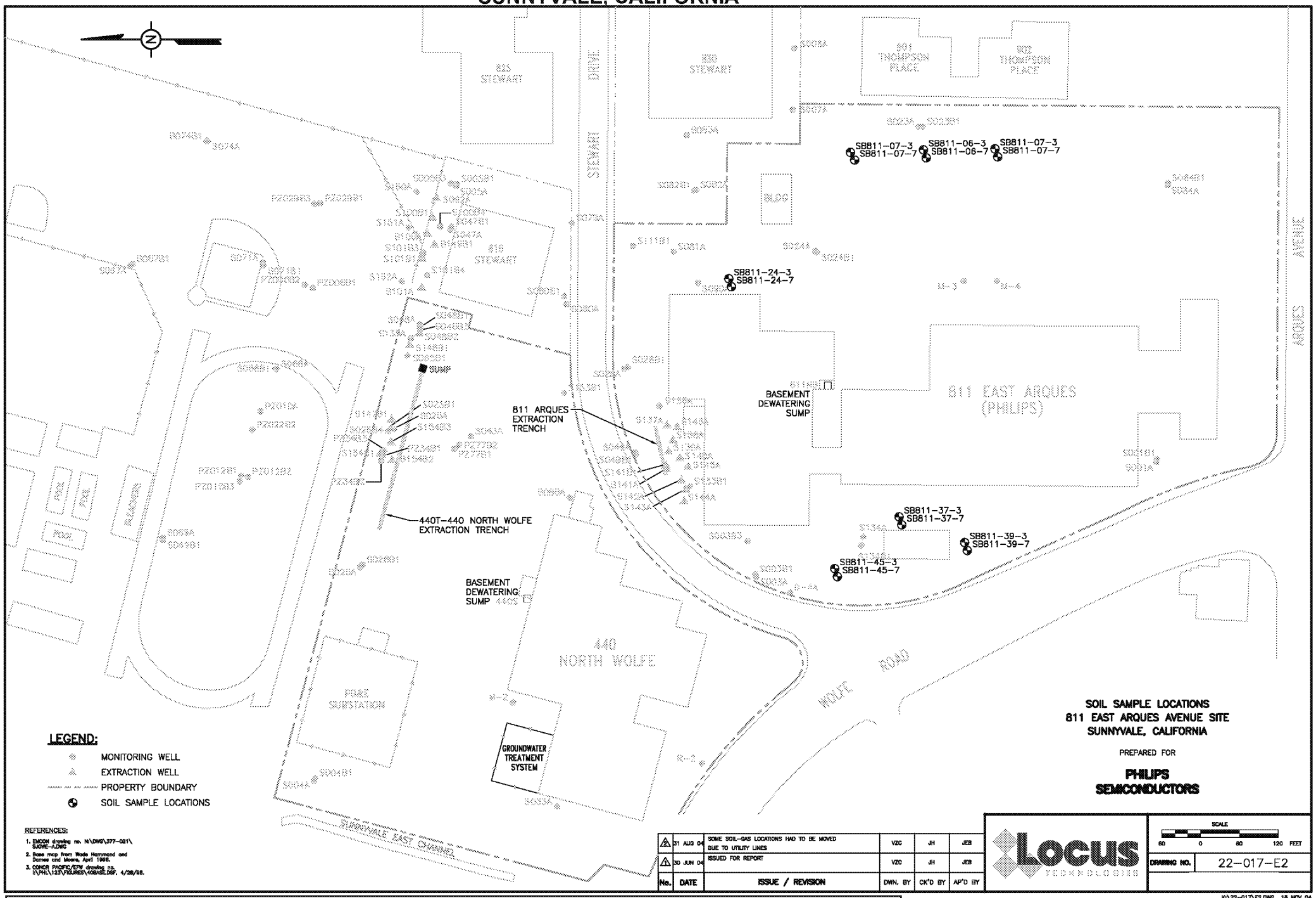
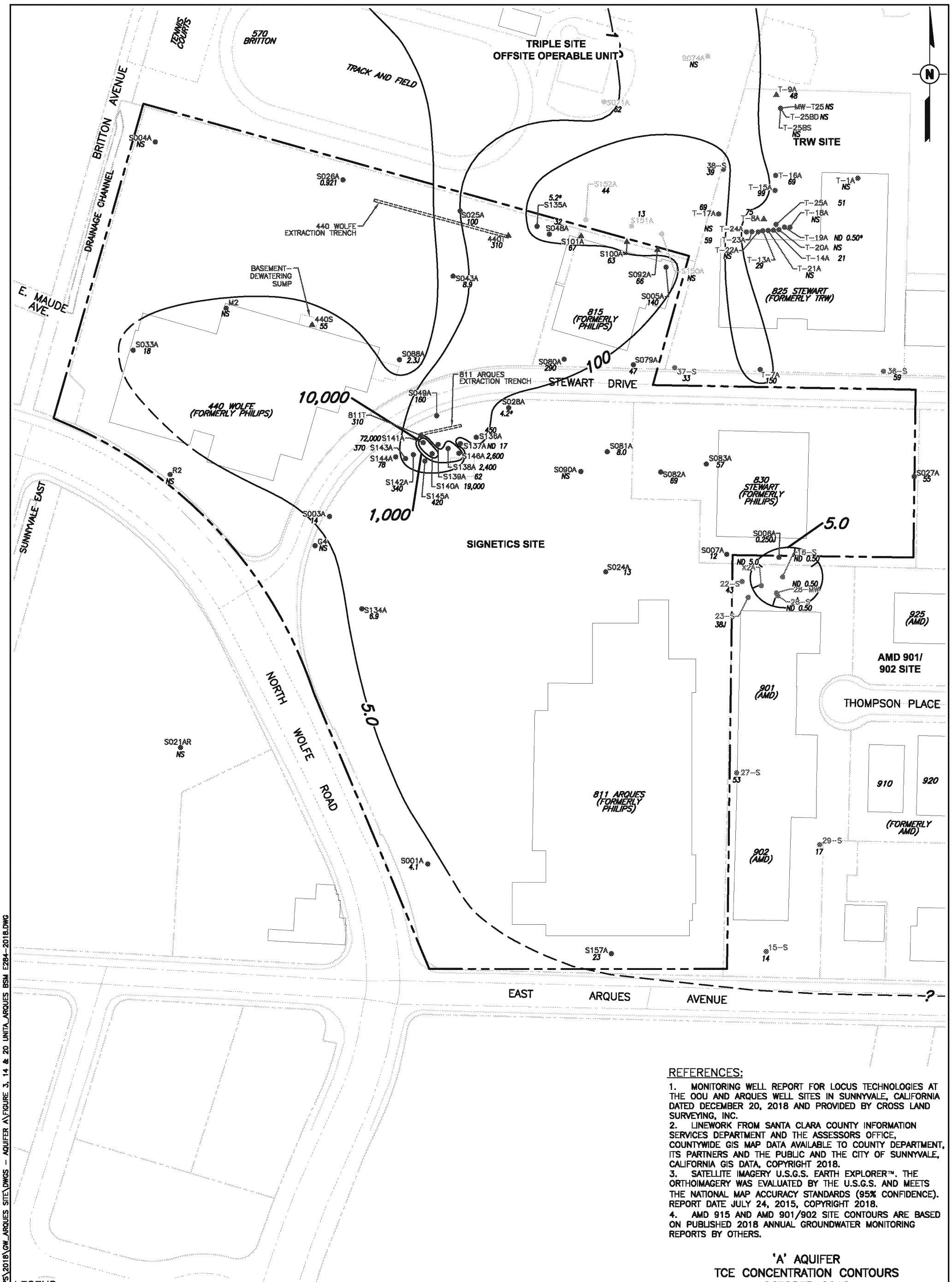
SOURCE: Locus Technologies, 2004, Soil-Gas and Soil Investigation, 811 East Arques Avenue, Sunnyvale, California, November.

# 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.




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.
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

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

| 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, S068B1, S069B1 | 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
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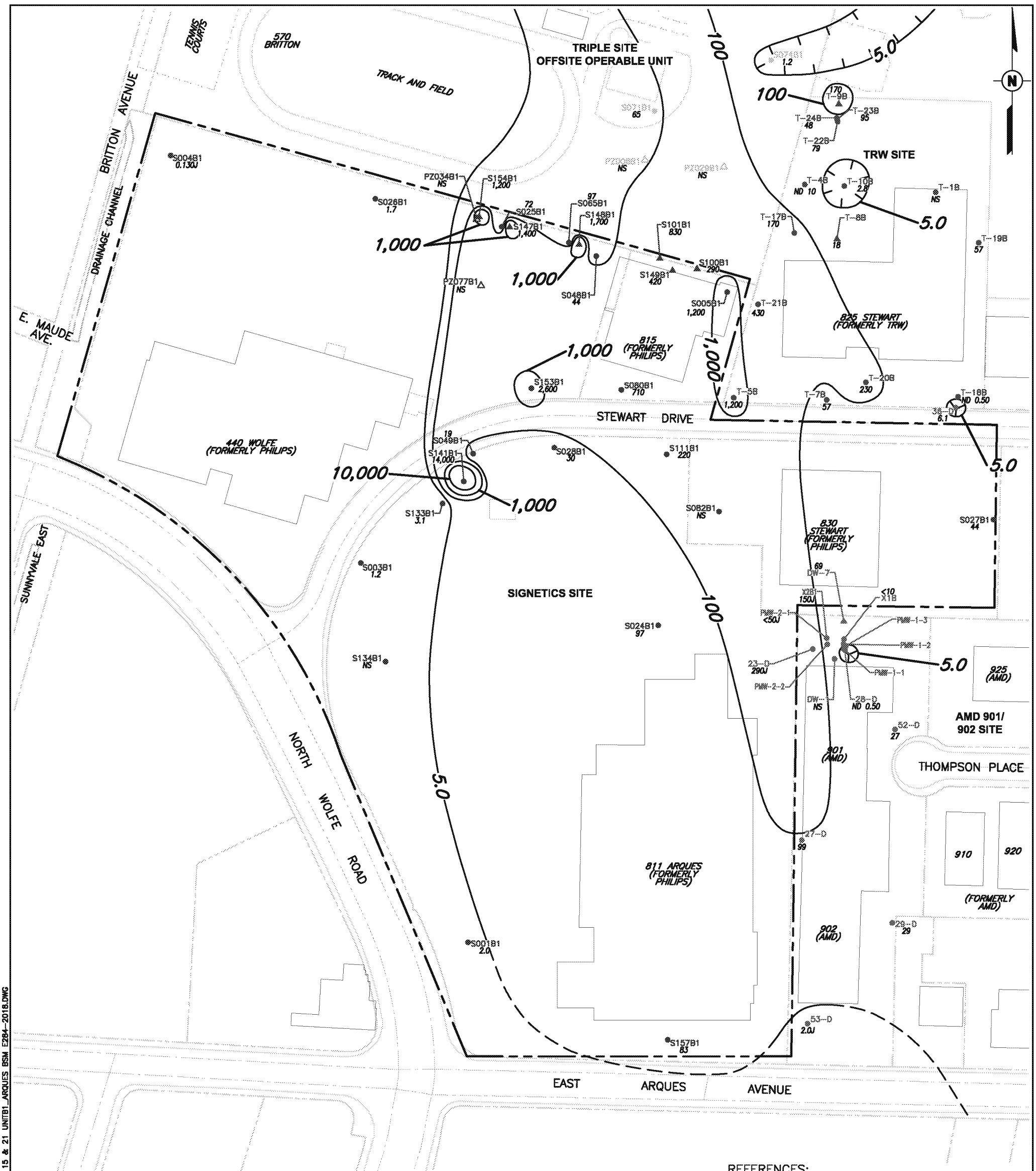
DRAWING NO. 27-006-E284

FIGURE 14

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

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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.

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

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 |
|---|---|---|---|---|---|
| 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, PZ012B1M, PZ012B2, PZ022B2, PZ012B3, S068A, S069A, S068B1, S069B1 | 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-S, M-1, S065A, S070A, S087A, and S089A. | JWH | JWH | JEB |

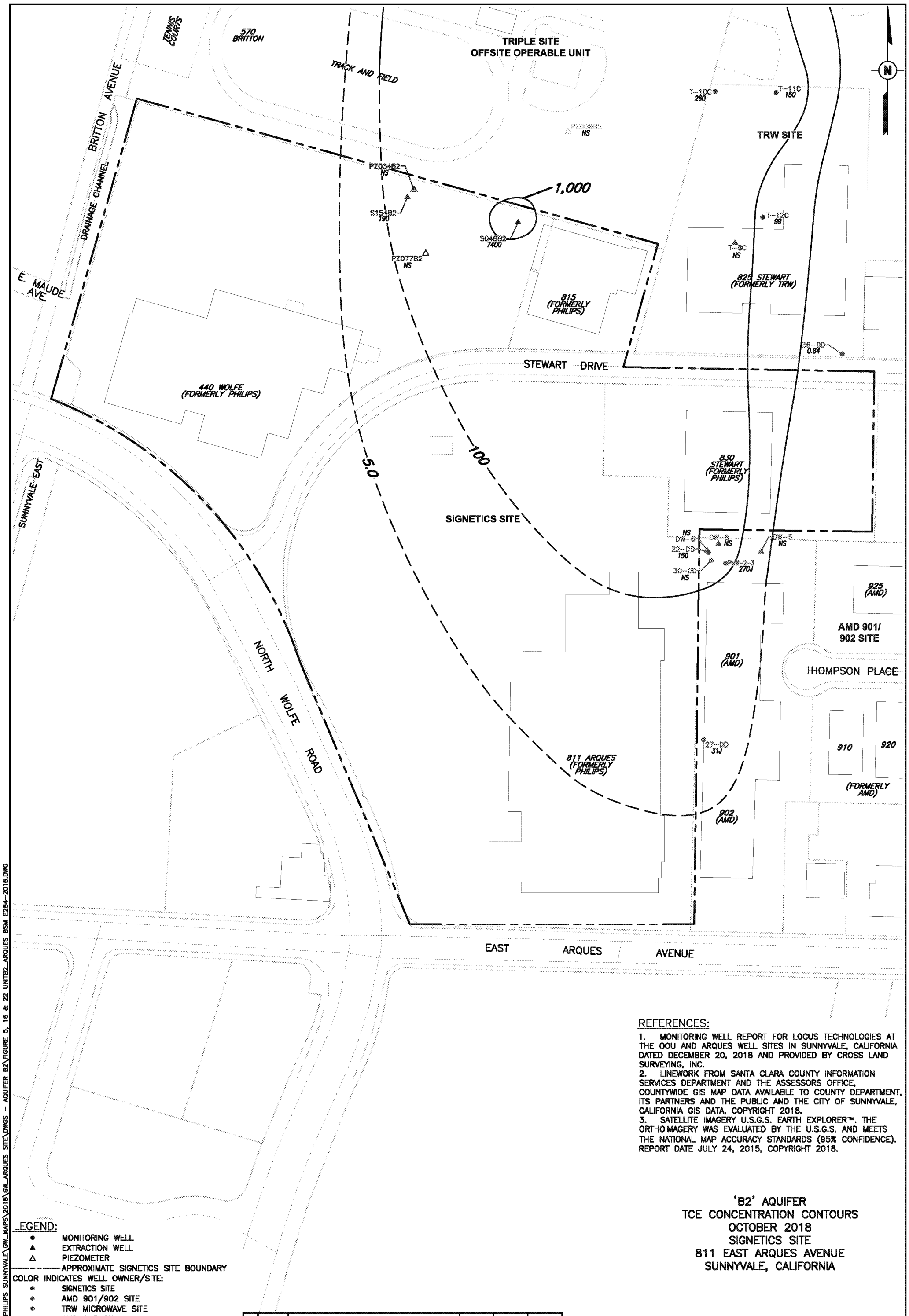
LOCUS TECHNOLOGIES

0 160 320
SCALE IN FEET

DRAWING NO. 27-006-E284

FIGURE 15

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

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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

'B2' 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 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, PZ012B1M, PZ012B2, PZ022B2, PZ012B3, S068A, S069A, S068B1, S069B1 | 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-S, M-1, S065A, S070A, S087A, and S089A. | JWH | JWH | JEB |

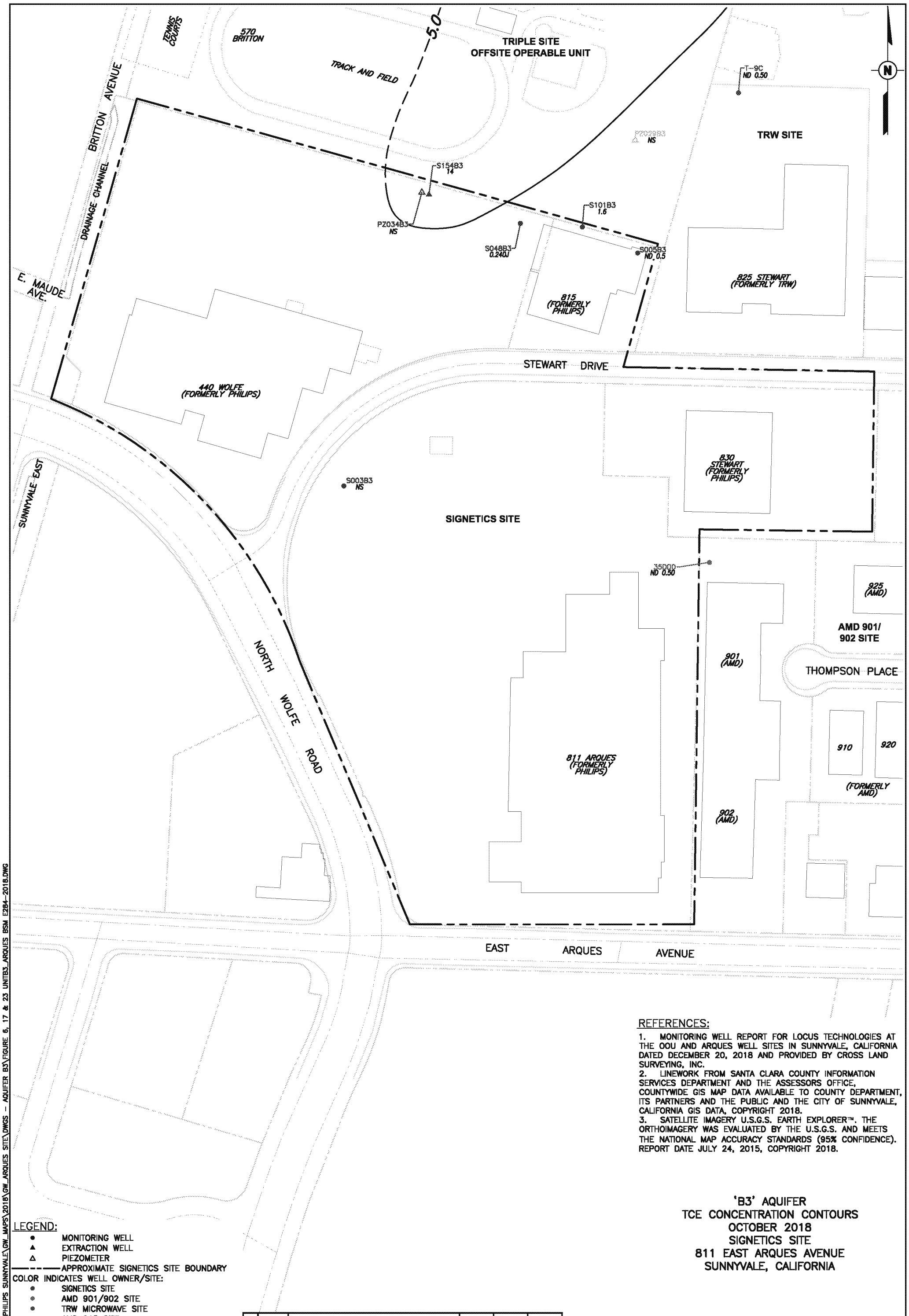
LOCUS TECHNOLOGIES

0 160 320
SCALE IN FEET

DRAWING NO. 27-006-E284

FIGURE 16

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

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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

'B3' 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 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, PZ012B1M, PZ012B2, PZ022B2, PZ012B3, S068A, S068B, S068B1, S068B1 | 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
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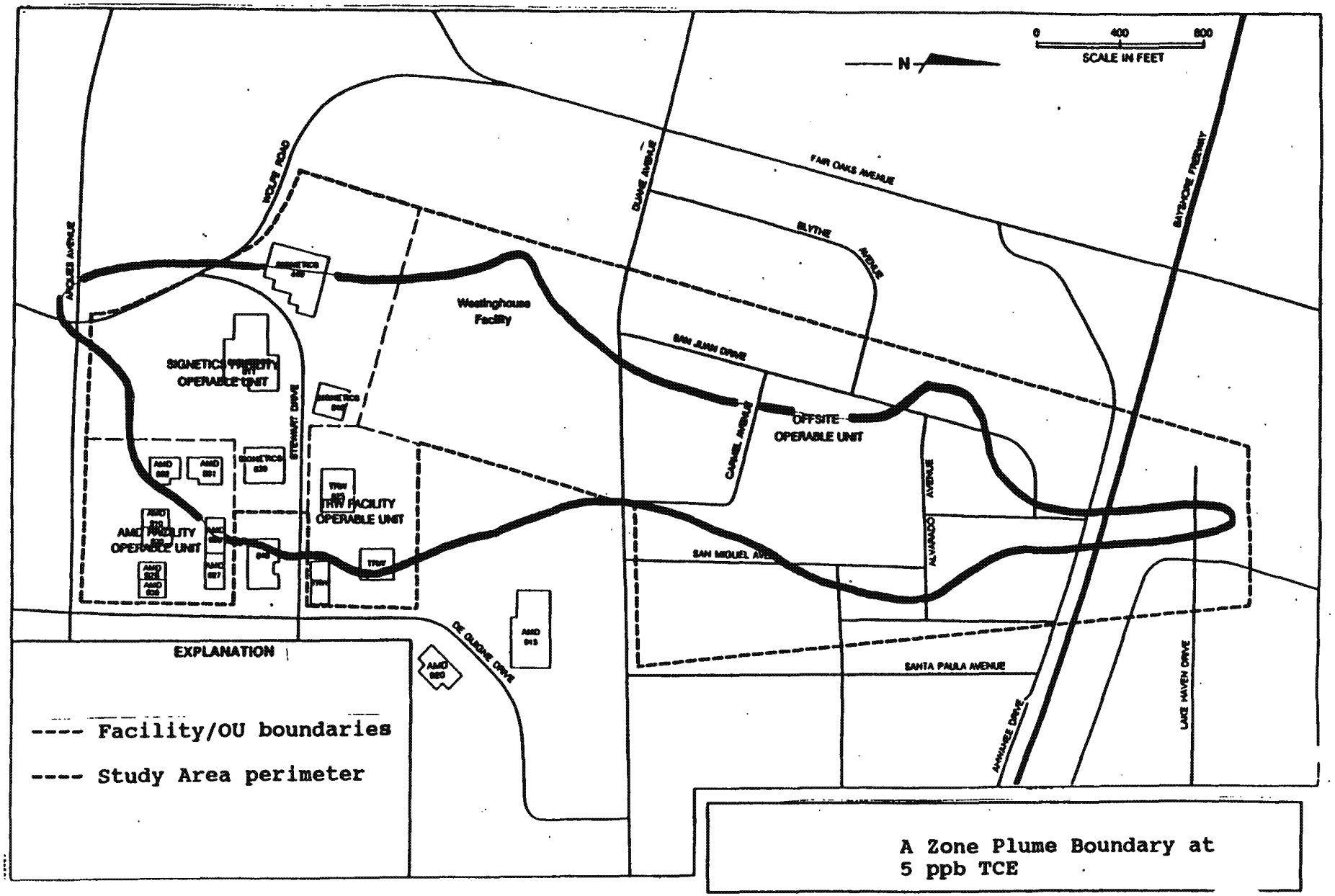
FIGURE 17

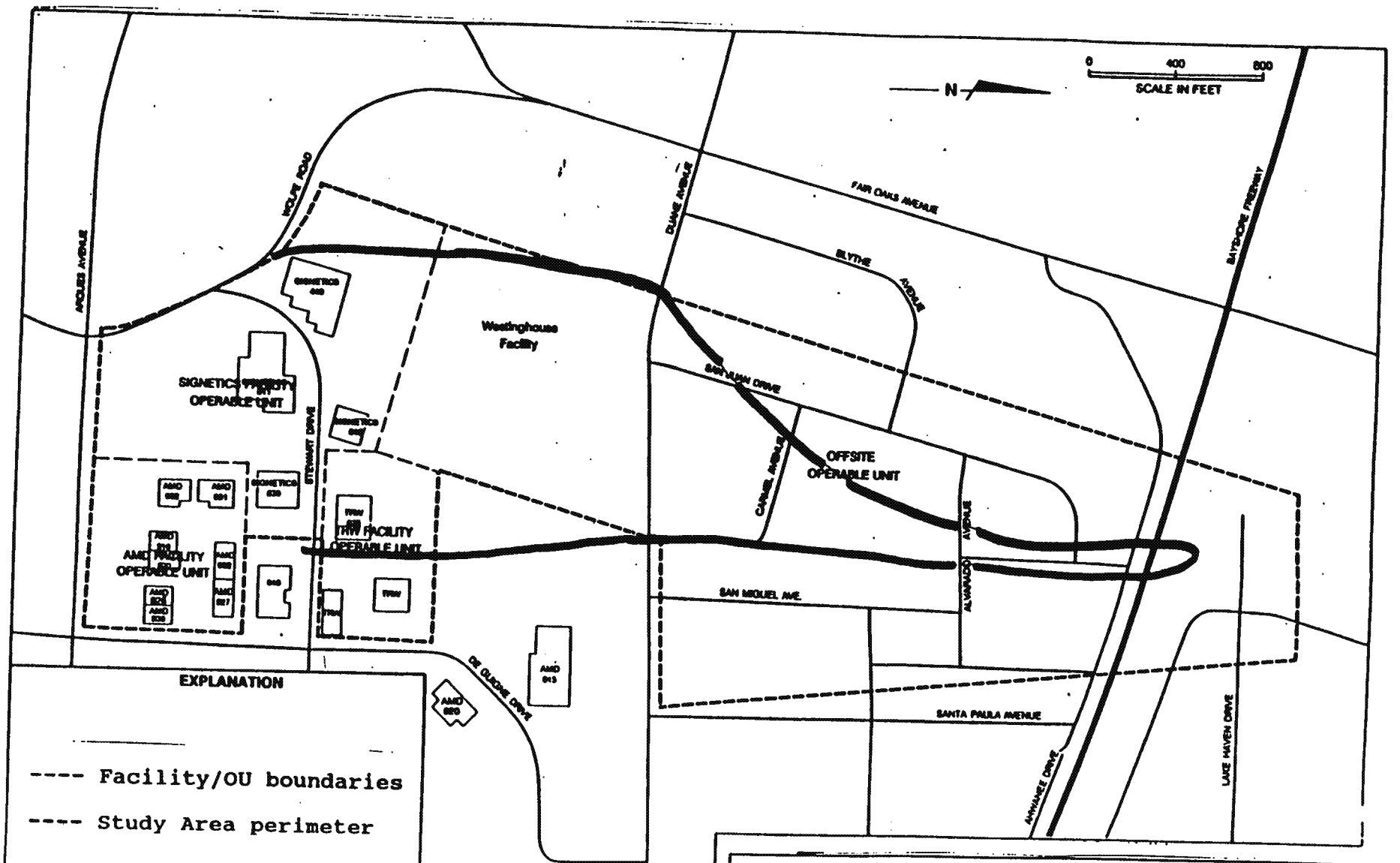
FILE NAME: Z:\LOCUS.TEC\PHILIPS SUNNYVALE\GW_MAPS\2018\GW_ARQUES SITE\DWGS – AQUIFER B3\FIGURE 6, 17 & 23 UNITB3_ARQUES BSM E284-2018.DWG

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

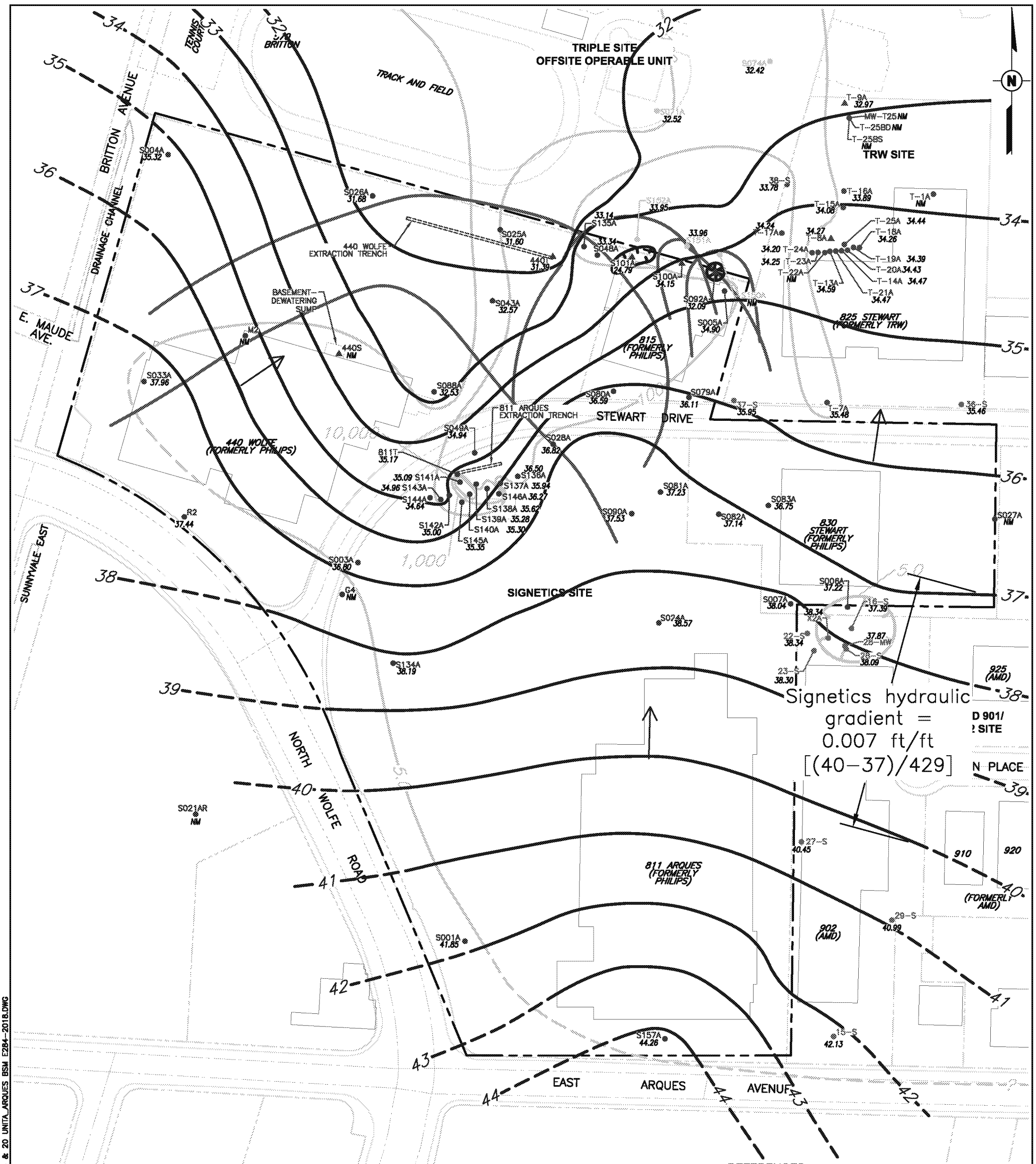



SOURCE: Environmental Protection Agency, 1991, EPA Superfund Record of Decision: Signetics (Advanced Micro Devices 901) (TRW Microwave), CA, First Remedial Action - Final. EPA Office of Emergency and Remedial Response, September. EPA/ROD/R09-91/074

# 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

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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
- 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
- 5.0 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, S068A, S069A, S068B1, S069B1 | 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

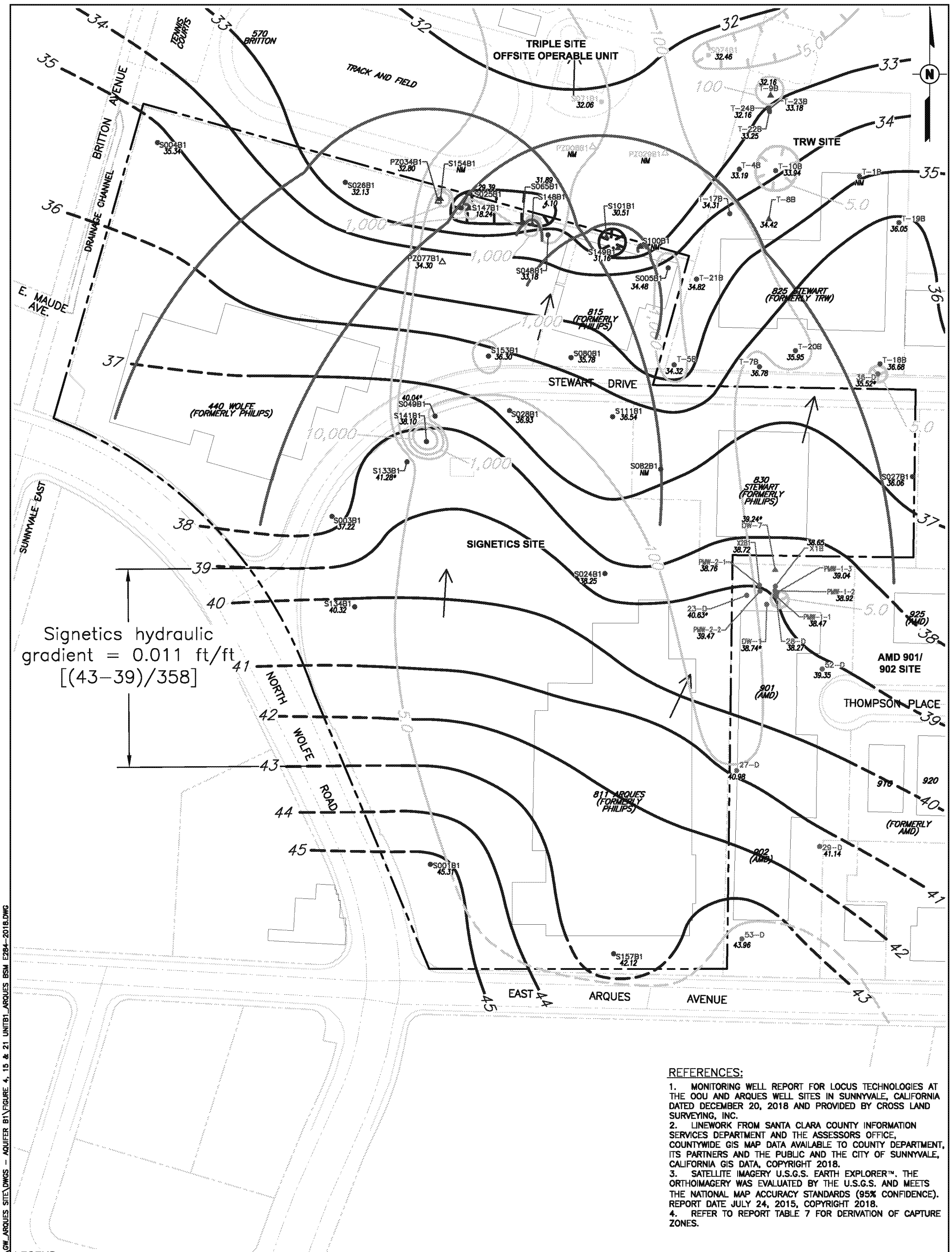
0 160 320
SCALE IN FEET

DRAWING NO. 27-006-E284

FIGURE 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

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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

42.12 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
3.0 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, PZ012B1M, PZ012B2, PZ022B2, PZ012B3, S068A, S069A, S068B1, S069B1 | 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-S, M-1, S065A, S070A, S087A, and S089A. | JWH | JWH | JEB |

LOCUS TECHNOLOGIES

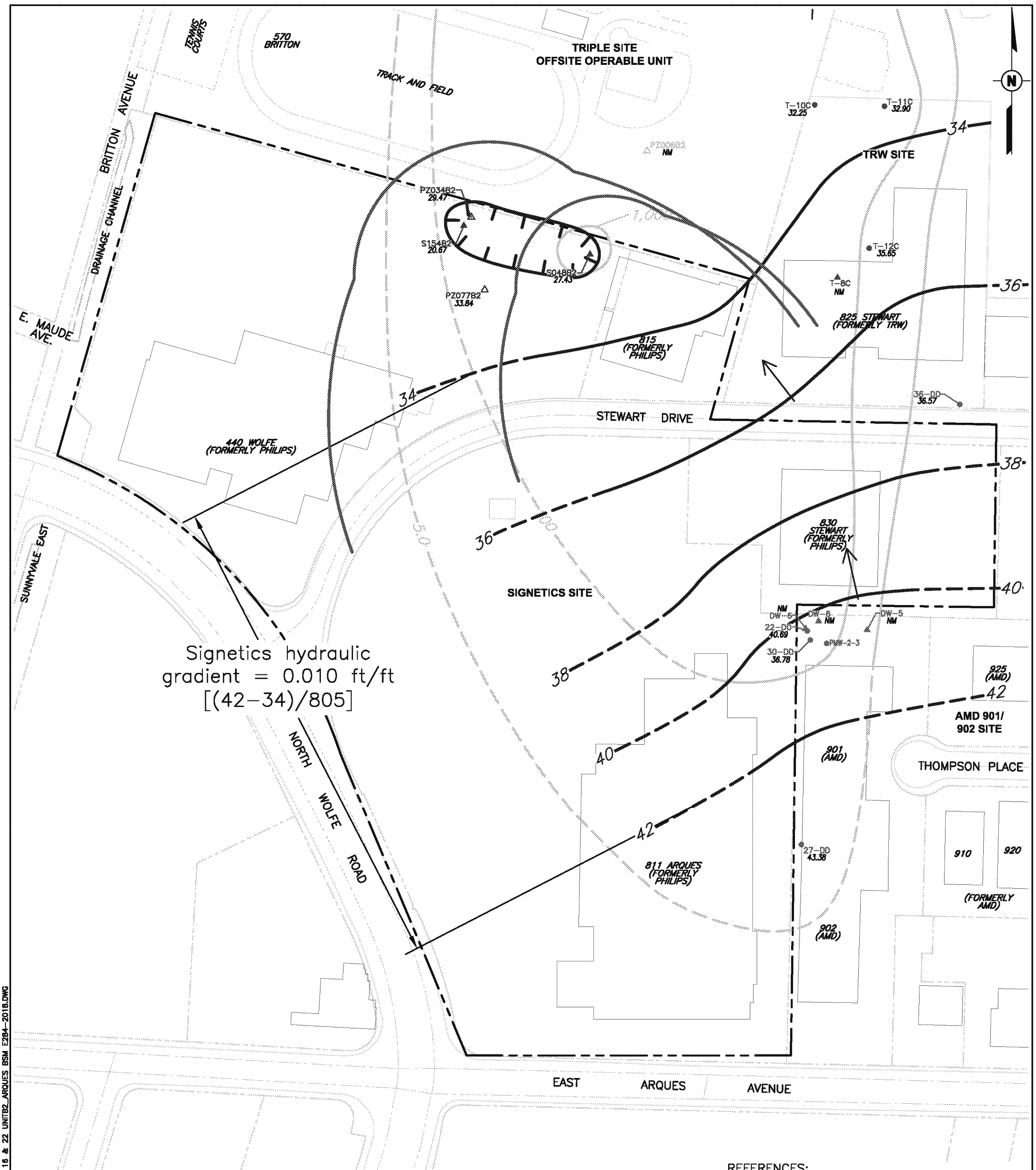
0 160 320
SCALE IN FEET

DRAWING NO. 27-006-E284

FIGURE 21

'B1' 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 B1\FIGURE 4, 15 & 21 UNITB1_ARQUES BSM E284–2018.DWG




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
- 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
- 5.0 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, PZ012B1M, PZ012B2, PZ022B2, PZ012B3, S068A, S069A, S068B1, S069B1 | 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

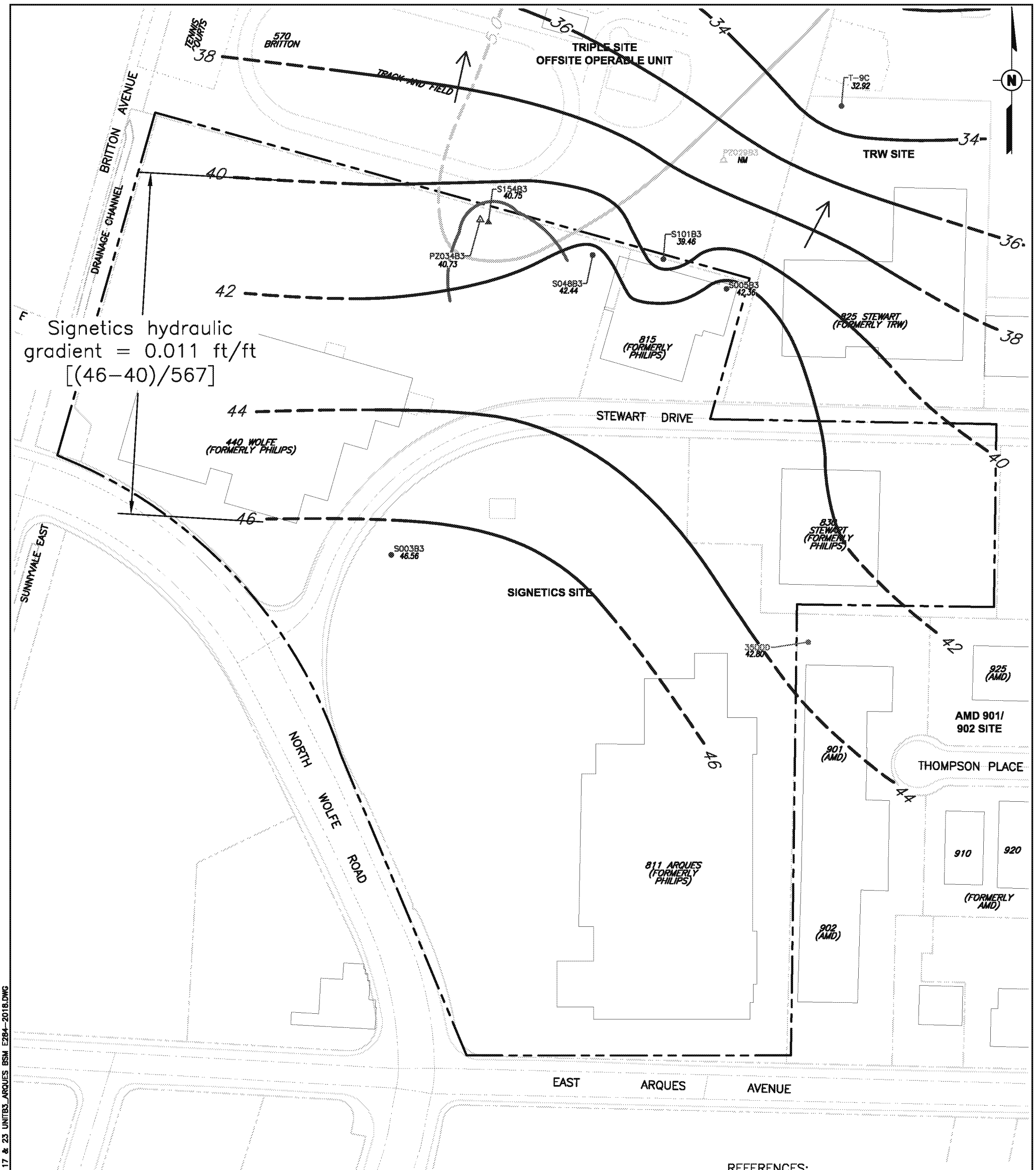
0 160 320
SCALE IN FEET

DRAWING NO. 27-006-E284

FIGURE 22

'B2' 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 B2\FIGURE 5, 16 & 22 UNITB2_ARQUES BSM E284-2018.DWG




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
- 50 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, PZ012B1M, PZ012B2, PZ022B2, PZ012B3, S068A, S069A, S068B1, S069B1 | 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-S, M-1, S065A, S070A, S087A, and S089A. | JWH | JWH | JEB |

LOCUS TECHNOLOGIES

0 160 320
SCALE IN FEET

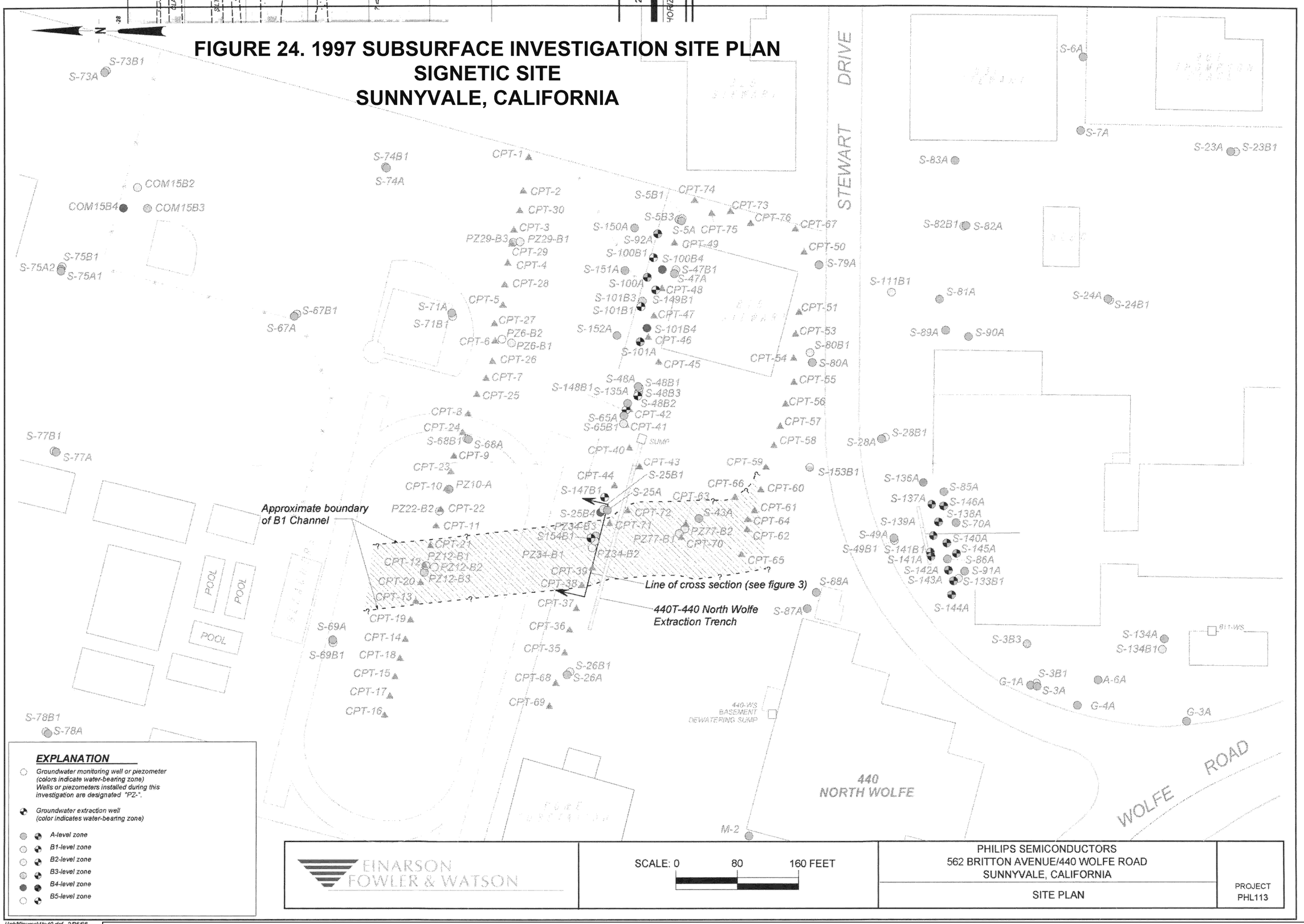
DRAWING NO. 27-006-E284

FIGURE 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

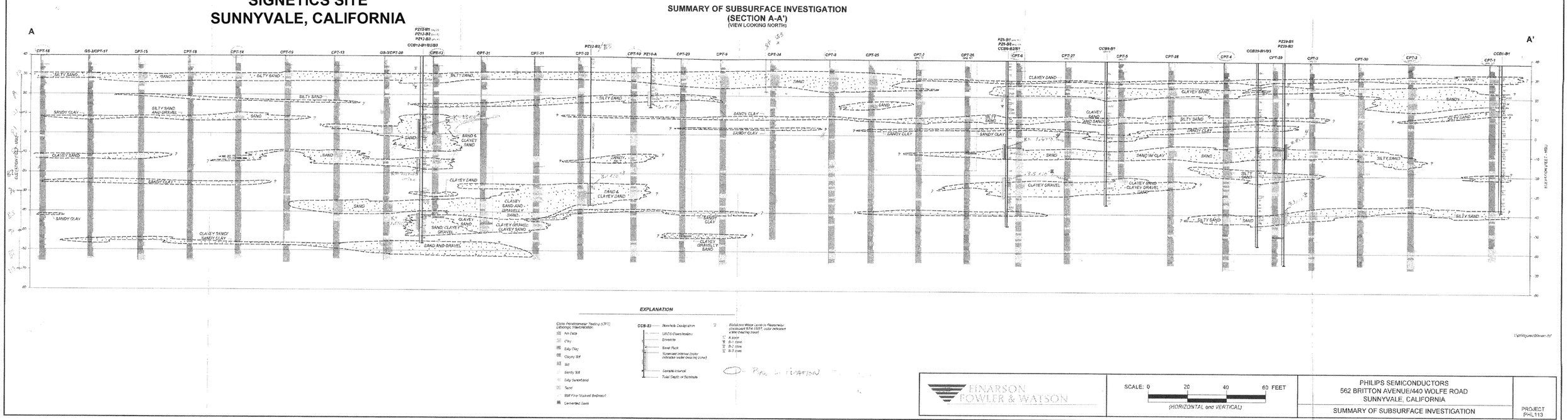
# FIGURE 24. 1997 SUBSURFACE INVESTIGATION SITE PLAN
# SIGNETIC SITE
# SUNNYVALE, CALIFORNIA




I:\phl\figures\1to40.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.

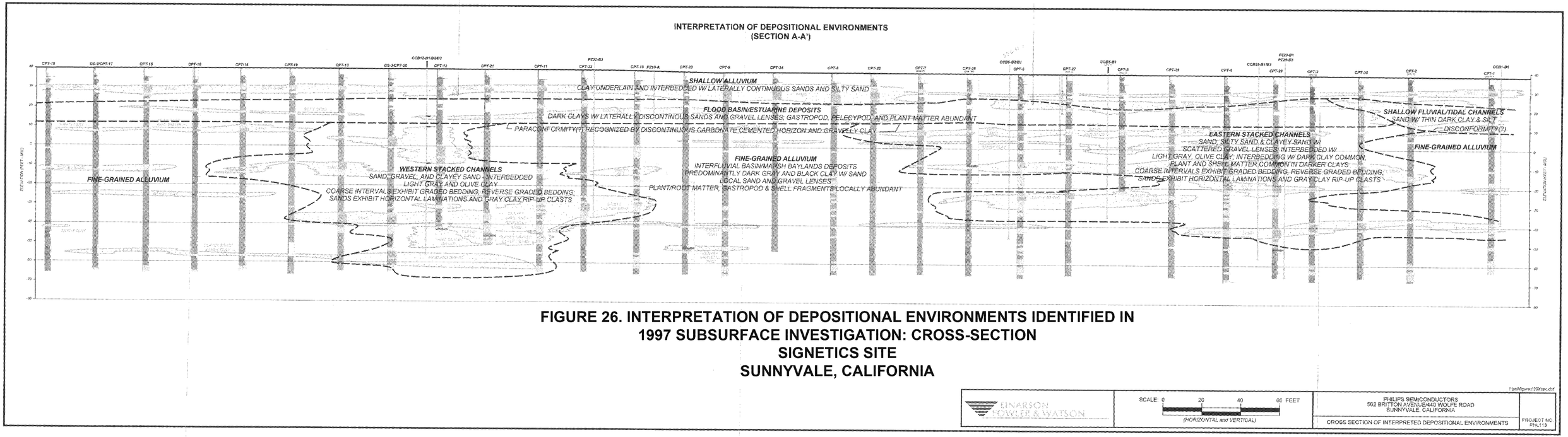
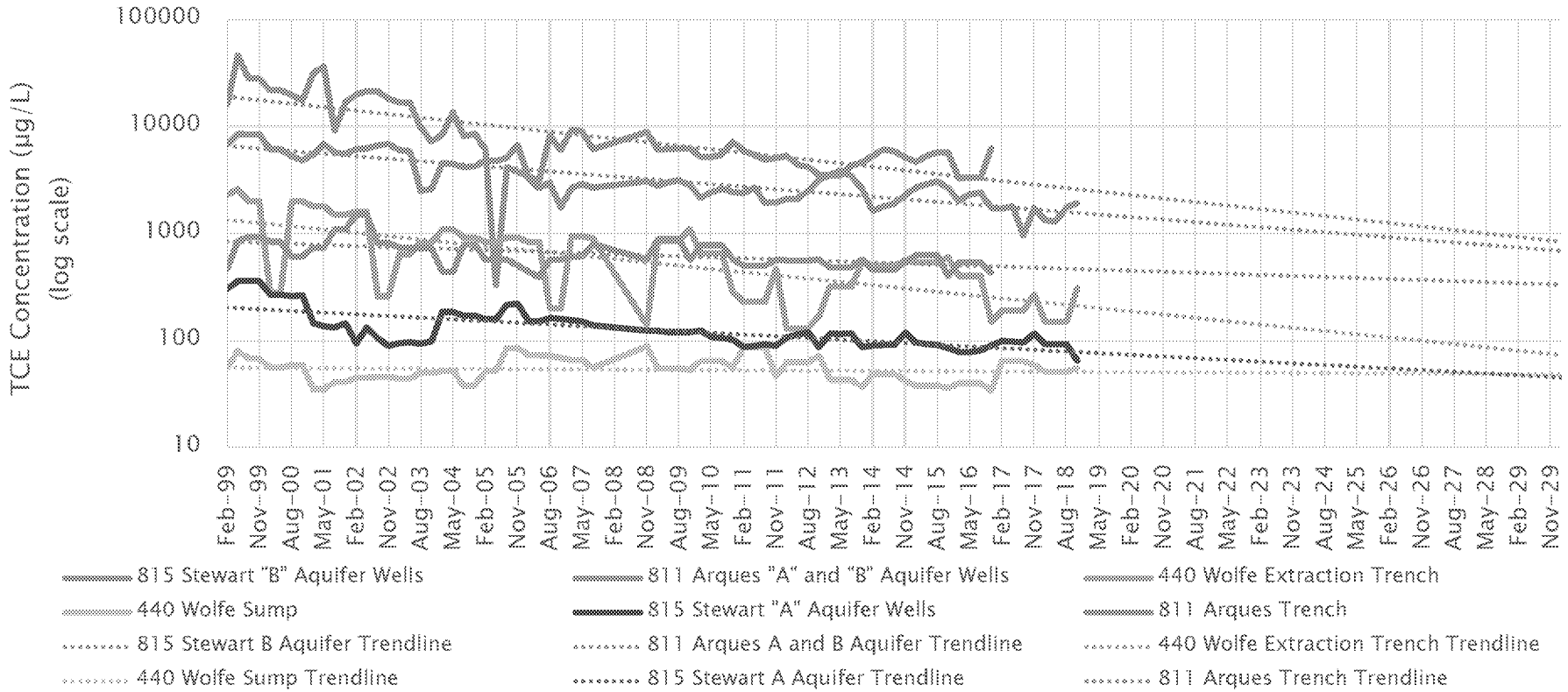



**FIGURE 26. INTERPRETATION OF DEPOSITIONAL ENVIRONMENTS IDENTIFIED IN 1997 SUBSURFACE INVESTIGATION: CROSS-SECTION SIGNETICS SITE SUNNYVALE, CALIFORNIA**

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



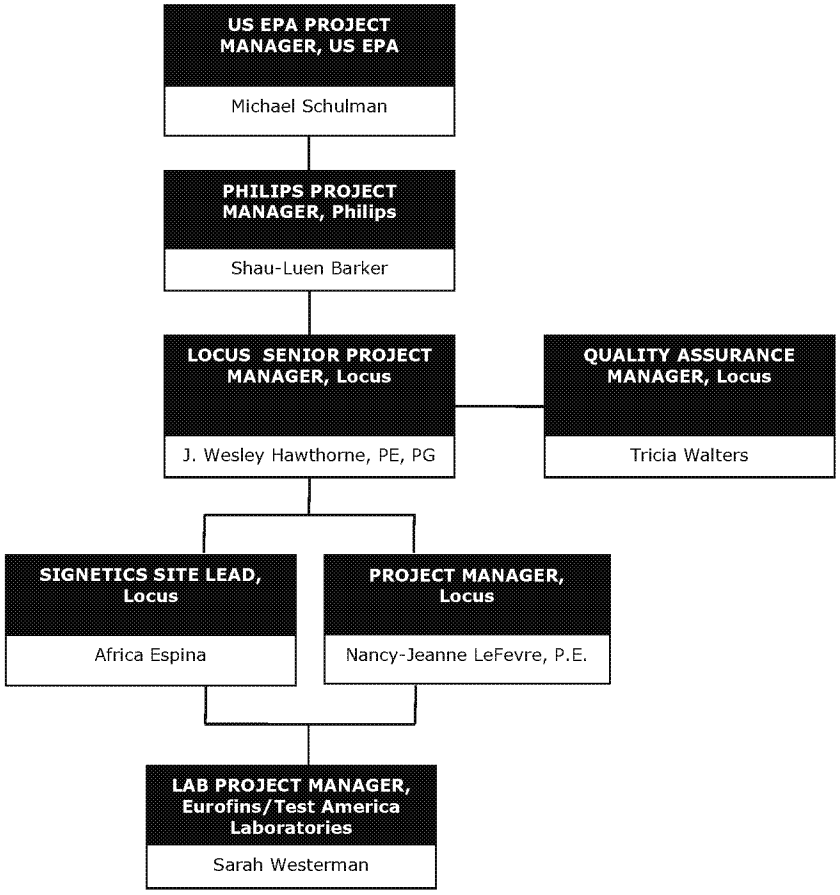



Figure 28
Organizational Chart
Focused Feasibility Study Work Plan
Signetics ASAOC
811 East Arques Avenue
Sunnyvale, California

Locus TECHNOLOGIES

# APPENDIX A

# HISTORICAL WATER LEVELS THROUGH 2018

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ED_013213_00000113-00164

# 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 |

# 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 |

# 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 |

# 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 |

# 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 |

# 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 |

# 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 |

# 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 |

# 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 |

# 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) |
|---|---|---|---|---|---|
| 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 |

# 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) |
|---|---|---|---|---|---|
| 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 |

# 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) |
|---|---|---|---|---|---|
| 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 |

# 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) |
|---|---|---|---|---|---|
| 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 |

# 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 | 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 |

# 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 |

# 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 |

# 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 |

# 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 |

# 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) |
|---|---|---|---|---|---|
| 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 |

# 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) |
|---|---|---|---|---|---|
| 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 |

# 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) |
|---|---|---|---|---|---|
| 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 |

# 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) |
|---|---|---|---|---|---|
| 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 |

# 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) |
|---|---|---|---|---|---|
| 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 |

# 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) |
|---|---|---|---|---|---|
| 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 |

# 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 |

# 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 |

# 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 | 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 |

# 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 |

# 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) |
|---|---|---|---|---|---|
| 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 |

# 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) |
|---|---|---|---|---|---|
| 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 |

# 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 |

# 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 |

# 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) |
|---|---|---|---|---|---|
| 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 |

# 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) |
|---|---|---|---|---|---|
| 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 |

# 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) |
|---|---|---|---|---|---|
| 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 |

# 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 |

# 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 |

# 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 | 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 |

# 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 |

# 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 |

# 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 |

# 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 |

# 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 |

# 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 |

# 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 |

# 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 |

# 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 |

# 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 |

# 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 |

# 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 |

# 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 |

# 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 |

# 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 |

# 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 |

# 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 |

# 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 |

# 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) |
|---|---|---|---|---|---|
| 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 |

# 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) |
|---|---|---|---|---|---|
| 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 |

# 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) |
|---|---|---|---|---|---|
| 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 |

# 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) |
|---|---|---|---|---|---|
| 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 |

# 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) |
|---|---|---|---|---|---|
| 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 |

# 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) |
|---|---|---|---|---|---|
| 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 |

# 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) |
|---|---|---|---|---|---|
| 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 |

# 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 |

# 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) |
|---|---|---|---|---|---|
| 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 |

# 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) |
|---|---|---|---|---|---|
| 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 |

# 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 |

# 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 |

# 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 |

# 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 |

# 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 |

# 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) |
|---|---|---|---|---|---|
| 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 |

# 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 |

# 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 |

# 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 | 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 |

# 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 |

# 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 |

# 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 | 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 |

# 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 |

# 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 |

# 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 |

# 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) |
|---|---|---|---|---|---|
| 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 |

# 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) |
|---|---|---|---|---|---|
| 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 |

# 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) |
|---|---|---|---|---|---|
| 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 |

# 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) |
|---|---|---|---|---|---|
| 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 |

# 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) |
|---|---|---|---|---|---|
| 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 |

# 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) |
|---|---|---|---|---|---|
| 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 |

# 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) |
|---|---|---|---|---|---|
| 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 |

# 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) |
|---|---|---|---|---|---|
| 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 |

# 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 |

# 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) |
|---|---|---|---|---|---|
| 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 |

# 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) |
|---|---|---|---|---|---|
| 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 |

# 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) |
|---|---|---|---|---|---|
| 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 |

# 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) |
|---|---|---|---|---|---|
| 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 |

# 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 |

# 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 |

# 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 |

# 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 |

# 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 |

# 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 |

# 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 |

# 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:
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 | 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
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 |
| 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
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 |
| 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:
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 |
| 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:
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 |
| 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
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 |
| 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
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 |
| 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:
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 |
| 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:
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 | 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:
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 | 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:
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 | 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:
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 | 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
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 | 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:
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 |
| 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:
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 |
| 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:
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 | 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:
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 | 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:
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 | 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:
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 | 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:
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 | 06/29/1998 | 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:
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 | 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:
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 | 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:
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 | 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

# 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:
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 | 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
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 | 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:
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 |
| 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:
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 |
| 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:
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 |
| 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:
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 | 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:
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 | 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
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 |
| 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:
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 |
| 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:
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 |
| 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:
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 |
| 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:
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 |
| 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:
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 | 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:
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 | 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:
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 | 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:
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 | 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:
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 |
| 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:
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 |
| 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:
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 |
| 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
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 | 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
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 | 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:
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 | 04/20/2000 | 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:
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 | 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:
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 | 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:
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 | 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:
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 | 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:
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 |
| 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:
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 |
| 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

# 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 | 11/30/1983 | 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:
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 | 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:
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 | 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:
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 | 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:
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 | 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:
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 | 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
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 | 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:
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 | 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
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 | 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:
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 | 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:
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 |
| 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:
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 |
| 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:
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 | 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:
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 | 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
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 | 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:
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 |
| 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:
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 |
| 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
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 | 07/08/1992 | 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:
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 |
| 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:
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 |
| 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:
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 | 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
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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 |
| 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
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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 |
| 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:
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 | 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 |

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 |
| 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 |

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 |
| 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 |

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 |
| 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:
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 |
| 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

# 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
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 | 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:
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 | 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
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 |
| 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 |

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 |
| 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:
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 |
| 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:
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 |
| 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:
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 | 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:
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 | 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:
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 | 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
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 | 06/11/2012 | 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
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 | 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:
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 | 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:
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 |
| 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:
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 |
| 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:
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