Vapor Intrusion and Mitigation Activities Report Second Quarter 2022

Signetics Site
Sunnyvale, California

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Date Published: 12 August 2022

Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I have no personal knowledge that the information submitted is other than true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

John W. Hawthorne	8/12/2022
J. Wesley Hawthorne	Date

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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
ASAOC	Administrative Settlement Agreement and Order on Consent
BSA	Building-Specific Work Plan Addendum
cis-1,2-DCE	cis-1,2-dichloroethene
COC	Chemicals of Concern
EPA	United States Environmental Protection Agency
Locus	Locus Technologies
PCE	tetrachloroethene
Philips	Philips Semiconductors Inc.
TCE	trichloroethene
trans-1,2-DCE	trans-1,2-dichloroethene
VI	Vapor Intrusion
VI Activities Report	Vapor Intrusion and Mitigation Activities Report

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ED_013761_00000116-00006

1. Introduction

Locus Technologies (Locus) has prepared this Vapor Intrusion (VI) and Mitigation Activities Report (VI Activities Report) for the Signetics Site located in Sunnyvale, California (Figure 1) to document VI-related work activities and mitigation performed under the Administrative Settlement Agreement and Order On Consent (ASAOC) For Focused Feasibility Study, Removal Site Evaluation And Removal Action (EPA, 2019), as agreed upon by Philips Semiconductors Inc. (Philips) and the United States Environmental Protection Agency (EPA). The ASAOC scope of work requested and provides guidance on procedures regarding VI evaluation and procedures for action, if necessary, on the levels of trichloroethene (TCE) and other chemicals of concern (COCs) at occupiable spaces of the Signetics Site. This quarterly VI Activities Report was prepared in accordance with the 29 May 2020 Vapor Work Plan Section 6.2.3 (Locus, 2020) for activities conducted during the second quarter of 2022.

The VI study area for the Signetics Site is defined as the boundary for the four commercial properties that were formerly operated by Signetics, now Philips, and functioned as semiconductor fabrication and testing facilities and office space buildings (Figure 2). These commercial buildings are 811 East Arques Avenue (811 Arques), 440 North Wolfe Road (440 Wolfe), 815 Stewart Drive (815 Stewart), and 830 Stewart Drive (830 Stewart). The following section describes activities performed at each commercial building.

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2. Summary of Vapor Intrusion Work Activities

VI activities conducted at each building within the Signetics site during the second quarter 2022 is documented below. Historical sampling results for the Site are included in Appendix A.

2.1 811 Arques

Before each indoor air VI activity, 811 Arques property personnel were contacted for access and scheduling. A summary of second quarter 2022 contact dates and topics are below:

- On 25 April and 2 May, the 811 Arques Real Estate Manager and Facilities Asset Program Analysis were contacted regarding information on the sewer lines
- On 9 May and 16 May, the 811 Arques Store Manager was contacted to schedule a site visit for sampling plan development.
- On 20 May, a site visit was conducted at the 811 Arques property to review sewer cleanouts in preparation of the sampling plan.
- On 23 May and 6 June, the Store Manager, Operations Manager, and Real Estate Manager were contacted regarding the approval of the sampling plan, which was then approved by the Store Manager on 6 June.

Following the building survey conducted in the previous quarter, the 811 East Arques Building-Specific Work Plan Addenda (BSA) was submitted to the EPA on 17 March 2022. The BSA included background information, an exposure pathway analysis, evaluation of data gaps, and a sampling plan. EPA comments were received on 19 April 2022. The BSA was revised based on EPA comments during this reporting period and was resubmitted on 8 June 2022 after receiving 811 Arques property owner approval. Since that time EPA has provided additional comments. Currently, the BSA and its associated sampling plan is being revised. Once EPA approval has been obtained, sampling will commence.

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2.2 440 Wolfe

No VI activities were performed at the 440 Wolfe property for this reporting period. Because the air purification mitigation system will require a changeout by November 2022, mitigation system upgrades are being explored and assessed for potential integration.

2.3 815 Stewart

No VI activities were performed at the 815 Stewart property for this reporting period.

2.4 830 Stewart

No VI activities were performed at the 830 Stewart property for this reporting period. On 09 May 2022, Locus received the grant deed from the Santa Clara Clerk-Recorder per request. Locus reviewed the deed and determined that the contact listed on the deed was no longer a viable means to get in touch with the legal property owner, Eilwen Shiloh Investors LLC. On 9 June, Locus submitted a revised 830 Stewart communications log, deed, contact information, and copy of the EPA soft letter per EPA request.

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3. Delays and Problems Encountered

This section summarizes problems and delays that were encountered during the second quarter of 2022.

3.1 COVID-19 Pandemic

The continued COVID-19 pandemic had limited impact during the second quarter of 2022. The Santa Clara County orders with respect to COVID-19 have been rescinded, including mask mandates. While it was not encountered this quarter, some property owners are requiring extra precautions such as screenings before entry, and requirements will continue to be checked at each property before entry.

3.2 Access to 830 Stewart

As discussed in previous VI activities reports, the property owners of 830 Stewart have not responded to multiple outreach efforts and therefore the property is not accessible to Locus. The EPA is assessing legal avenues for gaining access to the property with support from Locus. Until contact can be made and access granted by the property owners, vapor intrusion cannot be investigated at this property.

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4. Schedule of Future Vapor Intrusion Activities

The following activities are planned for the third quarter of 2022:

- Revisions to the 811 E. Arques BSA based on EPA comments.
- Sampling at 811 E. Arques, pending EPA approval of the BSA.
- Prepare for the mitigation system changeout or upgrades at 440 Wolfe.
- Continue to pursue contact and an access agreement with the property owners or managers at 830 Stewart, in coordination with EPA.

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References

Environmental Protection Agency Region 9, 2019, *CERCLA Docket No. 2018-09: Administrative Settlement Agreement And Order On Consent For Focused Feasibility Study, Removal Site Evaluation And Removal Action,* 15 March.

Locus Technologies, 2018, *Operation and Maintenance Plan for an Active Sub-Slab Depressurization System Installed at Planet Granite - Sunnyvale Location 815 Stewart Drive in Sunnyvale*, CA, 15 November.

Locus Technologies, 2020, *Final Work Plan: Indoor Air / Vapor Intrusion Removal Site Evaluation and any Necessary Removal Action, Signetics Site, Sunnyvale, California,* 29 May.

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Figures

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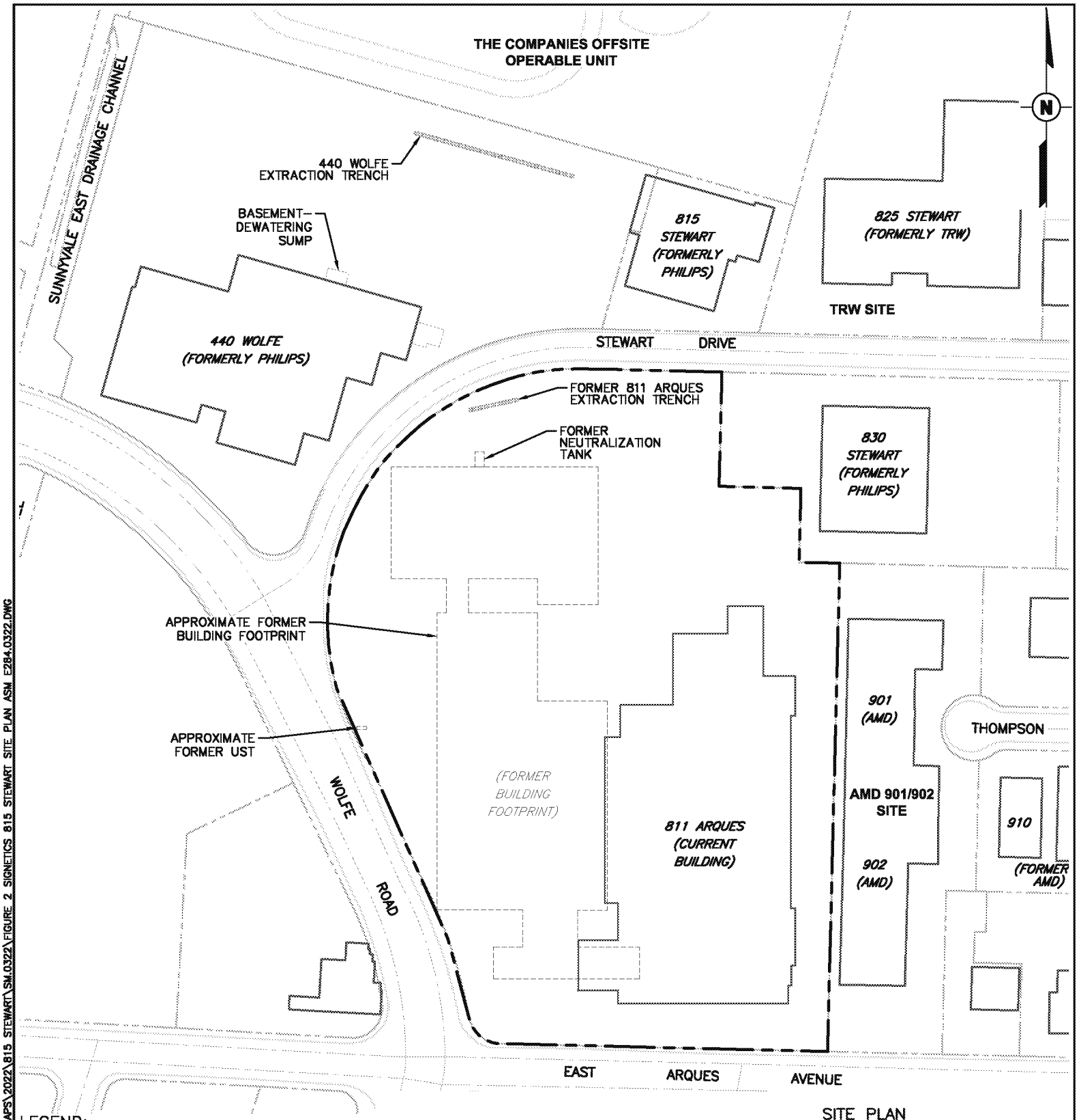
0 0.2 0.4mi

REV. 0 | 29 May 2020 | Final | DWN. BY: AT | CK'D BY: AE | AP'D BY: JWH

Locus TECHNOLOGIES

Figure 1. Site Location
Signetics Site
Sunnyvale, California



LEGEND:

——— 811 EAST ARQUES SITE BOUNDARY

REFERENCES:

1. 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.
2. SATELLITE IMAGERY U.S.G.S. EARTH EXPLORER™. THE ORTHOIMAGERY WAS EVALUATED BY THE U.S.G.S. AND MEETS THE NATIONAL MAP ACCURACY STANDARDS (95% CONFIDENCE). REPORT DATE JULY 24, 2015, COPYRIGHT 2018.

SITE PLAN
SIGNETICS SITE
SUNNYVALE, CALIFORNIA

PREPARED FOR

PHILIPS
SEMICONDUCTORS

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
1	07/20	ISSUED FOR STEWART DRIVE REPORT	AJK	NL	AEG

LOCUS TECHNOLOGIES

0 200 400
SCALE IN FEET

DRAWING NO. 27-006-E284

FIGURE 2

FILE NAME: Z:\LOCUS.TEC\PHILIPS SUNNYVALE\SITEMAPS\2022\815 STEWART\SM.0322\FIGURE 2 SIGNETICS 815 STEWART SITE PLAN ASM E284.0322.DWG

Appendix A
Historical Indoor Air Results

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APPENDIX A
HISTORICAL INDOOR AIR ANALYTICAL RESULTS
SIGNETICS SITE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	1,1,2-Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	Chloroform	cis-1,2-Dichloroethene	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
BLANK-PG	09/17/2018	FB	ND 0.36	ND 0.12	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	ND 0.13	NT
BLANK-PG	10/25/2018	FB	ND 0.34	ND 0.12	ND 0.13	ND 0.10	NT	ND 0.13	ND 0.14	ND 0.13	ND 0.13	NT
BLANK-PG	02/18/2019	FB	ND 0.36	ND 0.12	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	ND 0.13	NT
BLANK-PG	10/29/2019	FB	ND 0.35	ND 0.12	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	ND 0.13	NT
BLANK-PG	12/17/2019	FB	ND 0.34	ND 0.12	ND 0.12	ND 0.10	NT	ND 0.12	ND 0.13	ND 0.13	ND 0.12	NT
BLANK-PG	01/14/2021	FB	ND 0.34	ND 0.12	ND 0.12	ND 0.10	ND 0.088	ND 0.12	ND 0.13	ND 0.13	ND 0.12	NT
BLANK-PG	02/09/2021	FB	ND 0.36	ND 0.12	ND 0.13	ND 0.11	ND 0.094	ND 0.13	ND 0.14	ND 0.14	ND 0.13	NT
BLANK-PG	12/15/2021	FB	ND 0.35	ND 0.12	ND 0.13	ND 0.10	ND 0.091	ND 0.13	ND 0.14	ND 0.13	ND 0.13	NT
BLANK-PNP	08/14/2018	FB	ND 0.35	ND 0.12	ND 0.13	ND 0.10	NT	ND 0.13	ND 0.14	ND 0.13	ND 0.13	NT
BLANK-PNP	05/07/2019	FB	ND 0.34	ND 0.12	ND 0.12	ND 0.10	NT	ND 0.13	ND 0.13	ND 0.13	ND 0.12	NT
BLANK-PNP	12/19/2019	FB	ND 0.34	ND 0.12	ND 0.12	ND 0.10	NT	ND 0.12	ND 0.13	ND 0.13	ND 0.12	NT
BLANK-PNP	12/08/2020	FB	ND 0.35	ND 0.12	ND 0.13	ND 0.10	ND 0.091	ND 0.13	ND 0.14	ND 0.13	ND 0.13	NT
BLANK-PNP	01/07/2021	FB	ND 0.37	ND 0.13	ND 0.14	ND 0.11	ND 0.099	ND 0.14	ND 0.15	ND 0.14	ND 0.14	NT
BLANK-PNP	02/10/2021	FB	ND 0.34	ND 0.12	ND 0.13	ND 0.10	ND 0.091	ND 0.13	ND 0.14	ND 0.13	ND 0.13	NT
BLANK-PNP	03/10/2021	FB	ND 0.37	ND 0.13	ND 0.14	ND 0.11	ND 0.098	ND 0.14	ND 0.15	ND 0.14	ND 0.14	NT
BLANK-PNP	03/24/2021	FB	ND 0.35	ND 0.12	ND 0.13	ND 0.11	ND 0.092	ND 0.13	ND 0.14	ND 0.14	ND 0.13	NT
BLANK-PNP	04/07/2021	FB	ND 0.35	ND 0.12	ND 0.13	ND 0.11	ND 0.093	ND 0.13	ND 0.14	ND 0.14	ND 0.13	NT
BLANK-PNP	05/12/2021	FB	ND 0.36	ND 0.12	ND 0.13	ND 0.11	ND 0.094	ND 0.13	ND 0.14	ND 0.14	ND 0.13	NT
BLANK-PNP	06/16/2021	FB	ND 0.35	ND 0.12	ND 0.13	ND 0.10	ND 0.091	ND 0.13	ND 0.14	ND 0.13	ND 0.13	NT
BLANK-PNP	12/16/2021	FB	ND 0.35	ND 0.12	ND 0.13	ND 0.11	ND 0.092	ND 0.13	ND 0.14	ND 0.14	ND 0.13	NT
BLANK-PNP	03/22/2022	FB	ND 0.35	ND 0.12	ND 0.13	ND 0.10	0.12 C	ND 0.13	ND 0.14	ND 0.13	ND 0.13	NT
PG-AMB-1	09/17/2018	FD	ND 0.36	0.67 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	0.32	NT
PG-AMB-1	09/17/2018	REG	ND 0.36	0.67 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	0.31	NT
PG-AMB-1	10/25/2018	FD	ND 0.35	0.63 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	1	NT
PG-AMB-1	10/25/2018	REG	ND 0.35	0.56 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	1	NT
PG-AMB-1	01/22/2019	REG	ND 0.37	0.51 C	ND 0.14	ND 0.11	NT	ND 0.14	0.18	ND 0.14	3.8	NT
PG-AMB-1	02/18/2019	REG	ND 0.36	0.5	ND 0.13	ND 0.11	NT	ND 0.14	ND 0.14	ND 0.14	0.19	NT
PG-AMB-1	05/07/2019	REG	0.65	3.3 C	0.48 C	2.2 C	NT	1.1 C	2	1.4 C	4.3	NT
PG-AMB-1	10/29/2019	REG	ND 0.36	0.66	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	ND 0.13	NT
PG-AMB-1	12/17/2019	REG	ND 0.36	0.41 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	0.31	NT
PG-AMB-1	01/14/2021	FD	ND 0.37	0.92 C	ND 0.14	ND 0.11	0.28 C	ND 0.14	0.17	ND 0.14	0.4	NT
PG-AMB-1	01/14/2021	REG	ND 0.37	0.63 C	ND 0.14	ND 0.11	ND 0.097	ND 0.14	ND 0.14	ND 0.14	0.36	NT
PG-AMB-1	02/09/2021	REG	ND 0.36	0.64 C	ND 0.13	ND 0.11	0.22 C	ND 0.14	ND 0.14	ND 0.14	0.34	NT
PG-AMB-1	12/15/2021	FD	ND 0.37	0.54 C	ND 0.14	ND 0.11	0.11 C	ND 0.14	ND 0.14	ND 0.14	ND 0.14	NT
PG-AMB-1	12/15/2021	REG	ND 0.37	0.56 C	ND 0.14	ND 0.11	0.12 C	ND 0.14	ND 0.14	ND 0.14	ND 0.14	NT

Notes:
NT - Sample not tested for the given parameter
C - Estimated concentration due to calculated uptake rate.
M - Reported value may be biased due to apparent matrix interferences.

APPENDIX A
HISTORICAL INDOOR AIR ANALYTICAL RESULTS
SIGNETICS SITE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	1,1,2-Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	Chloroform	cis-1,2-Dichloroethene	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
PG-AMB-10	10/29/2019	REG	ND 0.36	0.57	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	0.22	NT
PG-AMB-10	12/17/2019	REG	ND 0.36	0.39 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	0.33	NT
PG-AMB-10	01/14/2021	REG	ND 0.36	0.82 C	ND 0.13	ND 0.11	0.17 C	ND 0.13	0.19	ND 0.14	0.36	NT
PG-AMB-10	02/09/2021	REG	ND 0.36	0.57 C	ND 0.13	ND 0.11	0.18 C	ND 0.13	ND 0.14	ND 0.14	0.37	NT
PG-AMB-10	12/15/2021	REG	ND 0.36	0.50 C	ND 0.13	ND 0.11	0.12 C	ND 0.14	ND 0.14	ND 0.14	ND 0.13	NT
PG-AMB-2	09/17/2018	REG	ND 0.35	0.59 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	0.3	NT
PG-AMB-2	10/25/2018	REG	ND 0.35	0.66 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	0.43	NT
PG-AMB-2	01/22/2019	REG	ND 0.36	0.43 C	ND 0.13	ND 0.11	NT	ND 0.13	0.18	ND 0.14	3.5	NT
PG-AMB-2	02/18/2019	REG	ND 0.36	0.38	ND 0.13	ND 0.11	NT	ND 0.14	ND 0.14	ND 0.14	ND 0.13	NT
PG-AMB-2	05/07/2019	REG	ND 0.35	0.49 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	ND 0.13	NT
PG-AMB-2	10/29/2019	REG	ND 0.35	0.62	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	0.14	NT
PG-AMB-2	12/17/2019	REG	ND 0.36	0.44 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	0.33	NT
PG-AMB-2	01/14/2021	REG	ND 0.36	0.76 C	ND 0.13	ND 0.11	0.21 C	ND 0.14	0.2	ND 0.14	0.36	NT
PG-AMB-2	02/09/2021	REG	ND 0.36	0.61 C	ND 0.13	ND 0.11	0.18 C	ND 0.13	ND 0.14	ND 0.14	0.38	NT
PG-AMB-2	12/15/2021	REG	ND 0.37	0.46 C	ND 0.14	ND 0.11	0.12 C	ND 0.14	ND 0.14	ND 0.14	ND 0.14	NT
PG-AMB-3	09/17/2018	REG	ND 0.35	0.67 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	0.3	NT
PG-AMB-3	10/25/2018	REG	ND 0.35	0.68 C	ND 0.13	ND 0.10	NT	ND 0.13	ND 0.14	ND 0.13	1.2	NT
PG-AMB-3	01/22/2019	REG	ND 0.36	0.44 C	ND 0.13	ND 0.11	NT	ND 0.13	0.2	ND 0.14	3.6	NT
PG-AMB-3	02/18/2019	REG	ND 0.36	0.46	ND 0.13	ND 0.11	NT	ND 0.13	0.15	ND 0.14	0.18	NT
PG-AMB-3	02/18/2019	REG	ND 0.36	0.49	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	0.19	NT
PG-AMB-3	05/07/2019	FD	ND 0.35	0.47 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	ND 0.13	NT
PG-AMB-3	05/07/2019	REG	ND 0.35	0.45 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	ND 0.13	NT
PG-AMB-3	10/29/2019	FD	ND 0.36	0.58	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	0.13	NT
PG-AMB-3	10/29/2019	REG	ND 0.36	0.58	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	0.13	NT
PG-AMB-3	12/17/2019	FD	ND 0.36	0.43 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	0.29	NT
PG-AMB-3	12/17/2019	REG	ND 0.36	0.42 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	0.29	NT
PG-AMB-3	01/14/2021	REG	ND 0.37	0.82 C	ND 0.14	ND 0.11	0.24 C	ND 0.14	0.2	ND 0.14	0.36	NT
PG-AMB-3	02/09/2021	REG	ND 0.36	0.61 C	ND 0.13	ND 0.11	0.16 C	ND 0.13	ND 0.14	ND 0.14	0.38	NT
PG-AMB-3	12/15/2021	REG	ND 0.37	0.52 C	ND 0.14	ND 0.11	0.12 C	ND 0.14	ND 0.14	ND 0.14	ND 0.14	NT
PG-AMB-4	09/17/2018	REG	ND 0.35	0.64 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	0.3	NT
PG-AMB-4	10/25/2018	REG	ND 0.35	0.61 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	1.4	NT
PG-AMB-4	01/22/2019	REG	ND 0.36	0.45 C	ND 0.13	ND 0.11	NT	ND 0.13	0.16	ND 0.14	4	NT
PG-AMB-4	02/18/2019	REG	ND 0.36	0.53	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	0.2	NT
PG-AMB-4	05/07/2019	REG	ND 0.36	0.48 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	ND 0.13	NT
PG-AMB-4	10/29/2019	REG	ND 0.36	0.63	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	ND 0.13	NT

Notes:
NT - Sample not tested for the given parameter
C - Estimated concentration due to calculated uptake rate.
M - Reported value may be biased due to apparent matrix interferences.

APPENDIX A
HISTORICAL INDOOR AIR ANALYTICAL RESULTS
SIGNETICS SITE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	1,1,2-Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	Chloroform	cis-1,2-Dichloroethene	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
PG-AMB-4	12/17/2019	REG	ND 0.36	0.47 C	ND 0.13	ND 0.11	NT	ND 0.14	ND 0.14	ND 0.14	0.31	NT
PG-AMB-4	01/14/2021	REG	ND 0.36	0.83 C	ND 0.13	ND 0.11	0.22 C	ND 0.14	0.18	ND 0.14	0.38	NT
PG-AMB-4	02/09/2021	FD	ND 0.36	0.64 C	ND 0.13	ND 0.11	0.24 C	ND 0.14	ND 0.14	ND 0.14	0.39	NT
PG-AMB-4	02/09/2021	REG	ND 0.36	0.63 C	ND 0.13	ND 0.11	0.17 C	ND 0.14	ND 0.14	ND 0.14	0.4	NT
PG-AMB-4	12/15/2021	REG	ND 0.37	0.52 C	ND 0.14	ND 0.11	0.11 C	ND 0.14	ND 0.14	ND 0.14	ND 0.14	NT
PG-AMB-5	09/17/2018	REG	ND 0.35	0.62 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	0.31	NT
PG-AMB-5	10/25/2018	REG	ND 0.35	0.59 C	ND 0.13	ND 0.10	NT	ND 0.13	ND 0.14	ND 0.13	1.6	NT
PG-AMB-5	01/22/2019	REG	ND 0.36	0.46 C	ND 0.13	ND 0.11	NT	ND 0.14	0.15	ND 0.14	4.1	NT
PG-AMB-5	02/18/2019	REG	ND 0.36	0.46	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	0.2	NT
PG-AMB-5	05/07/2019	REG	ND 0.35	0.46 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	ND 0.13	NT
PG-AMB-5	10/29/2019	REG	ND 0.36	0.57	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	ND 0.13	NT
PG-AMB-5	12/17/2019	REG	ND 0.37	0.44 C	ND 0.14	ND 0.11	NT	ND 0.14	ND 0.14	ND 0.14	0.34	NT
PG-AMB-5	01/14/2021	REG	ND 0.37	0.77 C	ND 0.14	ND 0.11	0.27 C	ND 0.14	0.21	ND 0.14	0.41	NT
PG-AMB-5	02/09/2021	REG	ND 0.36	0.42 C	ND 0.13	ND 0.11	0.14 C	ND 0.14	ND 0.14	ND 0.14	0.31	NT
PG-AMB-6	09/17/2018	REG	ND 0.36	0.62 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	0.27	NT
PG-AMB-6	10/25/2018	REG	ND 0.35	0.58 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	1.3	NT
PG-AMB-6	01/22/2019	REG	ND 0.37	0.49 C	ND 0.14	ND 0.11	NT	ND 0.14	0.15	ND 0.14	4.2	NT
PG-AMB-6	02/18/2019	REG	ND 0.36	0.52	ND 0.13	ND 0.11	NT	ND 0.14	ND 0.14	ND 0.14	0.2	NT
PG-AMB-6	05/07/2019	REG	ND 0.36	0.51 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	ND 0.13	NT
PG-AMB-6	10/29/2019	REG	ND 0.36	0.58	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	ND 0.13	NT
PG-AMB-6	12/17/2019	REG	ND 0.37	0.42 C	ND 0.14	ND 0.11	NT	ND 0.14	ND 0.14	ND 0.14	0.35	NT
PG-AMB-6	01/14/2021	REG	ND 0.36	0.82 C	ND 0.13	ND 0.11	0.16 C	ND 0.14	0.17	ND 0.14	0.4	NT
PG-AMB-6	02/09/2021	REG	ND 0.36	0.59 C	ND 0.13	ND 0.11	0.16 C	ND 0.14	ND 0.14	ND 0.14	0.36	NT
PG-AMB-6	12/15/2021	REG	ND 0.37	0.62 C	ND 0.14	ND 0.11	ND 0.097	ND 0.14	ND 0.14	ND 0.14	ND 0.14	NT
PG-AMB-7	09/17/2018	REG	ND 0.36	0.62 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	0.28	NT
PG-AMB-7	10/25/2018	REG	ND 0.35	0.56 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	1.1	NT
PG-AMB-7	01/22/2019	REG	ND 0.37	0.51 C	ND 0.14	ND 0.11	NT	ND 0.14	0.16	ND 0.14	4	NT
PG-AMB-7	02/18/2019	REG	ND 0.36	0.52	ND 0.13	ND 0.11	NT	ND 0.14	ND 0.14	ND 0.14	0.2	NT
PG-AMB-7	05/07/2019	REG	ND 0.36	0.49 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	ND 0.13	NT
PG-AMB-7	10/29/2019	REG	ND 0.35	0.58	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	ND 0.13	NT
PG-AMB-7	12/17/2019	REG	ND 0.37	0.42 C	ND 0.14	ND 0.11	NT	ND 0.14	ND 0.14	ND 0.14	0.34	NT
PG-AMB-7	01/14/2021	REG	ND 0.37	0.74 C	ND 0.14	ND 0.11	0.19 C	ND 0.14	0.16	ND 0.14	0.36	NT
PG-AMB-7	02/09/2021	REG	ND 0.37	0.60 C	ND 0.14	ND 0.11	0.17 C	ND 0.14	ND 0.14	ND 0.14	0.41	NT
PG-AMB-7	12/15/2021	REG	ND 0.37	0.52 C	ND 0.14	ND 0.11	0.13 C	ND 0.14	ND 0.14	ND 0.14	ND 0.14	NT
PG-AMB-8	09/17/2018	REG	ND 0.36	0.61 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	0.3	NT

Notes:
NT - Sample not tested for the given parameter
C - Estimated concentration due to calculated uptake rate.
M - Reported value may be biased due to apparent matrix interferences.

APPENDIX A
HISTORICAL INDOOR AIR ANALYTICAL RESULTS
SIGNETICS SITE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	1,1,2-Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	Chloroform	cis-1,2-Dichloroethene	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
PG-AMB-8	10/25/2018	REG	ND 0.35	0.56 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	1.5	NT
PG-AMB-8	01/22/2019	REG	ND 0.37	0.52 C	ND 0.14	ND 0.11	NT	ND 0.14	0.15	ND 0.14	4.2	NT
PG-AMB-8	02/18/2019	REG	ND 0.36	0.52	ND 0.13	ND 0.11	NT	ND 0.14	ND 0.14	ND 0.14	0.2	NT
PG-AMB-8	05/07/2019	REG	ND 0.36	0.48 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	ND 0.13	NT
PG-AMB-8	12/17/2019	REG	ND 0.37	0.61 C	ND 0.14	ND 0.11	NT	ND 0.14	ND 0.14	ND 0.14	0.34	NT
PG-AMB-8	01/14/2021	REG	ND 0.36	0.85 C	ND 0.13	ND 0.11	0.20 C	ND 0.14	0.16	ND 0.14	0.44	NT
PG-AMB-8	02/09/2021	REG	ND 0.36	0.62 C	ND 0.13	ND 0.11	0.19 C	ND 0.13	ND 0.14	ND 0.14	0.41	NT
PG-AMB-8	12/15/2021	REG	ND 0.37	0.54 C	ND 0.14	ND 0.11	0.13 C	ND 0.14	ND 0.15	ND 0.14	ND 0.14	NT
PG-AMB-9	09/17/2018	REG	ND 0.36	0.58 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	0.43	NT
PG-AMB-9	10/25/2018	REG	ND 0.35	0.58 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	1.7	NT
PG-AMB-9	01/22/2019	REG	ND 0.38	0.55 C	ND 0.14	ND 0.11	NT	ND 0.14	ND 0.15	ND 0.14	4.8	NT
PG-AMB-9	02/18/2019	REG	ND 0.36	0.51	ND 0.13	ND 0.11	NT	ND 0.14	ND 0.14	ND 0.14	0.23	NT
PG-AMB-9	05/07/2019	REG	ND 0.36	0.49 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	ND 0.13	NT
PG-AMB-9	10/29/2019	REG	ND 0.36	0.62	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	ND 0.13	NT
PG-AMB-9	12/17/2019	REG	ND 0.37	0.52 C	ND 0.14	ND 0.11	NT	ND 0.14	ND 0.14	ND 0.14	0.32	NT
PG-AMB-9	01/14/2021	REG	ND 0.36	0.78 C	ND 0.13	ND 0.11	0.20 C	ND 0.14	ND 0.14	ND 0.14	0.52	NT
PG-AMB-9	02/09/2021	REG	ND 0.36	0.64 C	ND 0.13	ND 0.11	0.17 C	ND 0.14	ND 0.14	ND 0.14	0.45	NT
PG-AMB-9	12/15/2021	REG	ND 0.37	0.44 C	ND 0.14	ND 0.11	0.11 C	ND 0.14	ND 0.15	ND 0.14	ND 0.14	NT
PG-Center	02/24/2021	REG	ND 0.18	ND 1.3	ND 0.14	ND 0.067	0.5	ND 0.13	10	ND 0.67	67	ND 0.043
PG-Center	02/24/2021	REG	NT	NT	NT	NT	NT	NT	NT	NT	81	NT
PG-Closet	02/24/2021	REG	0.2	2.5	ND 0.13	ND 0.065	2.2	1	2.5	ND 0.65	38	0.049
PG-Closet	02/24/2021	REG	NT	NT	NT	NT	NT	NT	NT	NT	54	NT
PG-Closet	02/24/2021	REG	NT	NT	NT	NT	NT	NT	NT	NT	51	NT
PG-East	02/24/2021	REG	ND 0.19	ND 1.3	ND 0.14	ND 0.068	1.4	ND 0.14	4	ND 0.68	34	ND 0.044
PG-East	02/24/2021	REG	NT	NT	NT	NT	NT	NT	NT	NT	44	NT
PG-Moon	02/24/2021	REG	0.53	29	ND 0.27	0.17	1.4	51	29	1.8	250	0.15
PG-Moon	02/24/2021	REG	NT	NT	NT	NT	NT	NT	NT	NT	294	NT
PG-Moon	02/24/2021	REG	NT	NT	NT	NT	NT	NT	NT	NT	287	NT
PG-OUT-1	09/17/2018	REG	ND 0.36	0.64 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	0.39	NT
PG-OUT-1	10/25/2018	REG	ND 0.35	0.60 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	1.5	NT
PG-OUT-1	01/22/2019	REG	ND 0.38	0.56 C	ND 0.14	ND 0.12	NT	ND 0.14	ND 0.15	ND 0.15	3.6	NT
PG-OUT-1	02/18/2019	REG	ND 0.38	0.49	ND 0.14	ND 0.11	NT	ND 0.14	ND 0.15	ND 0.14	0.18	NT
PG-OUT-1	05/07/2019	REG	ND 0.36	0.48 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	ND 0.13	NT
PG-OUT-1	10/29/2019	REG	ND 0.37	0.74	ND 0.14	ND 0.11	NT	ND 0.14	ND 0.14	ND 0.14	ND 0.14	NT
PG-OUT-1	12/17/2019	REG	ND 0.37	0.52 C	ND 0.14	ND 0.11	NT	ND 0.14	ND 0.14	ND 0.14	0.28	NT

Notes:
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APPENDIX A
HISTORICAL INDOOR AIR ANALYTICAL RESULTS
SIGNETICS SITE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	1,1,2-Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	Chloroform	cis-1,2-Dichloroethene	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
PG-OUT-1	01/14/2021	REG	ND 0.37	0.78 C	ND 0.14	ND 0.11	0.21 C	ND 0.14	ND 0.14	ND 0.14	0.4	NT
PG-OUT-1	02/04/2021	REG	ND 0.38	1.1 C	ND 0.14	ND 0.11	0.18 C	ND 0.14	0.16	ND 0.14	1.4	NT
PG-OUT-1	02/09/2021	REG	ND 0.36	0.31 C	ND 0.13	ND 0.11	ND 0.094	ND 0.13	ND 0.14	ND 0.14	0.23	NT
PG-OUT-1	02/09/2021	REG	ND 0.37	0.75 C	ND 0.14	ND 0.11	ND 0.20	ND 0.14	ND 0.15	ND 0.14	0.43	NT
PG-OUT-1	12/15/2021	REG	ND 0.37	0.48 C	ND 0.14	ND 0.11	ND 0.097	ND 0.14	ND 0.14	ND 0.14	ND 0.14	NT
PG-OUT-2	02/18/2019	REG	ND 0.37	0.51	ND 0.14	ND 0.11	NT	ND 0.14	ND 0.14	ND 0.14	0.21	NT
PG-OUT-2	05/07/2019	REG	ND 0.36	0.53 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	ND 0.13	NT
PG-OUT-2	10/29/2019	REG	ND 0.35	0.8	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	ND 0.13	NT
PG-OUT-2	12/17/2019	REG	ND 0.37	0.49 C	ND 0.14	ND 0.11	NT	ND 0.14	ND 0.14	ND 0.14	0.35	NT
PG-OUT-2	01/14/2021	REG	ND 0.34	0.96 C	ND 0.12	ND 0.10	0.23 C	ND 0.12	ND 0.13	ND 0.13	0.38	NT
PG-OUT-2	02/04/2021	REG	ND 0.37	0.93 C	ND 0.14	ND 0.11	0.20 C	ND 0.14	ND 0.15	ND 0.14	1.5	NT
PG-OUT-2	02/09/2021	REG	ND 0.36	0.76 C	ND 0.13	ND 0.11	0.25 C	ND 0.13	ND 0.14	ND 0.14	0.4	NT
PG-OUT-2	02/09/2021	REG	ND 0.37	0.77 C	ND 0.14	ND 0.11	ND 0.20	ND 0.14	ND 0.15	ND 0.14	0.48	NT
PG-OUT-2	12/15/2021	REG	ND 0.37	0.53 C	ND 0.14	ND 0.11	ND 0.097	ND 0.14	ND 0.14	ND 0.14	ND 0.14	NT
PG-OUT-3	02/04/2021	REG	ND 0.37	0.92 C	ND 0.14	ND 0.11	0.23 C,M	ND 0.14	ND 0.15	ND 0.14	1.7	NT
PG-OUT-3	02/09/2021	REG	ND 0.37	0.68 C	ND 0.14	ND 0.11	ND 0.20	ND 0.14	ND 0.15	ND 0.14	0.51	NT
PG-PATH-1	12/15/2021	REG	ND 0.36	0.51 C	ND 0.13	ND 0.11	0.63 C	ND 0.14	ND 0.14	ND 0.14	0.16	NT
PG-PATH-2	12/15/2021	REG	ND 0.37	0.49 C	ND 0.14	ND 0.11	0.18 C	ND 0.14	ND 0.14	ND 0.14	ND 0.14	NT
PG-PATH-3	12/15/2021	REG	ND 0.37	0.56 C	ND 0.14	ND 0.11	0.17 C	ND 0.14	ND 0.14	ND 0.14	ND 0.14	NT
PG-West	02/24/2021	REG	0.22	13	ND 0.15	ND 0.072	0.72	12	7	0.73	63	ND 0.046
PG-West	02/24/2021	REG	NT	NT	NT	NT	NT	NT	NT	NT	70	NT
PNPBAS-AMB-1	08/14/2018	REG	ND 0.36	0.87 C	ND 0.13	ND 0.11	NT	1.8 C	0.16	ND 0.14	5.7	NT
PNPBAS-AMB-1	01/22/2019	REG	ND 0.36	0.47 C	ND 0.13	ND 0.11	NT	0.47 C	0.16	ND 0.14	3.6	NT
PNPBAS-AMB-1	02/18/2019	REG	ND 0.36	0.43	ND 0.13	ND 0.11	NT	0.24	ND 0.14	ND 0.14	0.82	NT
PNPBAS-AMB-1	05/07/2019	REG	ND 0.37	0.69 C	ND 0.14	ND 0.11	NT	1.8 C	ND 0.14	ND 0.14	5	NT
PNPBAS-AMB-1	10/29/2019	REG	ND 0.37	0.46	ND 0.14	ND 0.11	NT	0.53	ND 0.14	ND 0.14	3.7	NT
PNPBAS-AMB-1	12/19/2019	REG	ND 0.37	1.4 C	ND 0.14	ND 0.11	NT	2.2 C	0.16	ND 0.14	5.3	NT
PNPBAS-AMB-1	12/08/2020	REG	ND 0.38	1.5 C	ND 0.14	ND 0.11	0.17 C	2.2 C	0.21	ND 0.15	6.1	NT
PNPBAS-AMB-1	02/10/2021	REG	ND 0.36	1.6	ND 0.13	ND 0.11	0.15	1.7	ND 0.14	ND 0.14	5.6	NT
PNPBAS-AMB-1	04/07/2021	FD	ND 0.37	1.4 C	ND 0.14	ND 0.11	0.16 C	1.5 C	0.15	ND 0.14	6.4	NT
PNPBAS-AMB-1	04/07/2021	REG	ND 0.37	1.4 C	ND 0.14	ND 0.11	0.20 C	1.6 C	ND 0.15	ND 0.14	6.3	NT
PNPBAS-AMB-1	05/12/2021	REG	ND 0.37	1.4 C	ND 0.14	ND 0.11	0.18 C	1.5 C	ND 0.14	ND 0.14	5.5	NT
PNPBAS-AMB-1	12/16/2021	REG	ND 0.37	0.72 C	ND 0.14	ND 0.11	0.13 C	0.87 C	ND 0.14	ND 0.14	3.9	NT
PNPBAS-AMB-1	03/22/2022	FD	ND 0.36	0.87 C	ND 0.13	ND 0.11	0.26 C	1.4 C	ND 0.14	ND 0.14	3.8	NT
PNPBAS-AMB-1	03/22/2022	REG	ND 0.36	1.0 C	ND 0.13	ND 0.11	0.26 C	1.6 C	0.16	ND 0.14	3.9	NT

Notes:
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APPENDIX A
HISTORICAL INDOOR AIR ANALYTICAL RESULTS
SIGNETICS SITE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	1,1,2-Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	Chloroform	cis-1,2-Dichloroethene	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
PNPBAS-AMB-2	08/14/2018	REG	ND 0.35	0.46 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	ND 0.13	NT
PNPBAS-AMB-2	01/22/2019	REG	ND 0.34	0.52 C	ND 0.13	ND 0.10	NT	ND 0.13	ND 0.14	ND 0.13	2.4	NT
PNPBAS-AMB-2	02/18/2019	REG	ND 0.36	0.44	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	0.26	NT
PNPBAS-AMB-2	05/07/2019	REG	ND 0.34	0.47 C	ND 0.13	ND 0.10	NT	ND 0.13	ND 0.14	ND 0.13	0.49	NT
PNPBAS-AMB-2	10/29/2019	REG	ND 0.35	0.49	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	0.24	NT
PNPBAS-AMB-2	12/19/2019	REG	ND 0.35	0.44 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	1.2	NT
PNPBAS-AMB-2	12/08/2020	REG	ND 0.36	0.67 C	ND 0.13	ND 0.11	0.22 C	ND 0.13	ND 0.14	ND 0.14	0.5	NT
PNPBAS-AMB-2	02/10/2021	REG	ND 0.35	0.51	ND 0.13	ND 0.10	0.16	ND 0.13	ND 0.14	ND 0.13	0.48	NT
PNPBAS-AMB-2	12/16/2021	REG	ND 0.36	0.58 C	ND 0.13	ND 0.11	0.12 C	ND 0.13	ND 0.14	ND 0.14	0.21	NT
PNPBAS-AMB-3	08/14/2018	REG	ND 0.36	0.48 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	ND 0.13	NT
PNPBAS-AMB-3	01/22/2019	REG	ND 0.36	0.48 C	ND 0.13	ND 0.11	NT	ND 0.14	ND 0.14	ND 0.14	2	NT
PNPBAS-AMB-3	02/18/2019	REG	ND 0.37	0.49	ND 0.14	ND 0.11	NT	ND 0.14	ND 0.14	ND 0.14	0.18	NT
PNPBAS-AMB-3	05/07/2019	REG	ND 0.36	0.41 C	ND 0.13	ND 0.11	NT	ND 0.14	ND 0.14	ND 0.14	ND 0.13	NT
PNPBAS-AMB-3	10/29/2019	REG	ND 0.36	0.52	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	ND 0.13	NT
PNPBAS-AMB-3	12/19/2019	REG	ND 0.36	0.45 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	1.1	NT
PNPBAS-AMB-3	12/08/2020	REG	ND 0.36	0.62 C	ND 0.13	ND 0.11	0.23 C	ND 0.13	ND 0.14	ND 0.14	0.39	NT
PNPBAS-AMB-3	02/10/2021	FD	ND 0.37	0.61	ND 0.14	ND 0.11	0.18	ND 0.14	ND 0.14	ND 0.14	0.36	NT
PNPBAS-AMB-3	02/10/2021	REG	ND 0.37	0.52	ND 0.14	ND 0.11	0.15	ND 0.14	ND 0.14	ND 0.14	0.34	NT
PNPBAS-AMB-3	12/16/2021	REG	ND 0.36	0.58 C	ND 0.13	ND 0.11	0.12 C	ND 0.14	ND 0.14	ND 0.14	ND 0.13	NT
PNPBAS-AMB-4	08/14/2018	REG	ND 0.36	0.48 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	ND 0.13	NT
PNPBAS-AMB-4	01/22/2019	REG	ND 0.36	0.49 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	2.1	NT
PNPBAS-AMB-4	02/18/2019	REG	ND 0.36	0.51	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	0.18	NT
PNPBAS-AMB-4	05/07/2019	REG	ND 0.37	0.50 C	ND 0.14	ND 0.11	NT	ND 0.14	ND 0.14	ND 0.14	ND 0.14	NT
PNPBAS-AMB-4	10/29/2019	REG	ND 0.36	0.54	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	ND 0.13	NT
PNPBAS-AMB-4	12/19/2019	REG	ND 0.36	0.47 C	ND 0.13	ND 0.11	NT	ND 0.14	ND 0.14	ND 0.14	1.2	NT
PNPBAS-AMB-4	12/08/2020	REG	ND 0.36	0.59 C	ND 0.13	ND 0.11	0.27 C	ND 0.13	ND 0.14	ND 0.14	0.27	NT
PNPBAS-AMB-4	02/10/2021	REG	ND 0.36	0.57	ND 0.13	ND 0.11	0.18	ND 0.13	ND 0.14	ND 0.14	0.28	NT
PNPBAS-AMB-4	12/16/2021	REG	ND 0.37	0.55 C	ND 0.14	ND 0.11	0.14 C	ND 0.14	ND 0.14	ND 0.14	ND 0.14	NT
PNPBAS-AMB-5	08/14/2018	FD	ND 0.35	0.47 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	0.17	NT
PNPBAS-AMB-5	08/14/2018	REG	ND 0.35	0.46 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	0.16	NT
PNPBAS-AMB-5	01/22/2019	REG	ND 0.36	0.44 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	2.1	NT
PNPBAS-AMB-5	02/18/2019	REG	ND 0.36	0.46	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	0.15	NT
PNPBAS-AMB-5	05/07/2019	REG	ND 0.36	0.42 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	0.19	NT
PNPBAS-AMB-5	10/29/2019	REG	ND 0.35	0.48	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	0.21	NT
PNPBAS-AMB-5	12/19/2019	REG	ND 0.35	0.38 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	1.2	NT

Notes:
NT - Sample not tested for the given parameter
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M - Reported value may be biased due to apparent matrix interferences.

APPENDIX A
HISTORICAL INDOOR AIR ANALYTICAL RESULTS
SIGNETICS SITE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	1,1,2-Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	Chloroform	cis-1,2-Dichloroethene	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
PNPBAS-AMB-5	12/08/2020	FD	ND 0.35	0.52 C	ND 0.13	ND 0.11	0.20 C	ND 0.13	ND 0.14	ND 0.14	0.47	NT
PNPBAS-AMB-5	12/08/2020	REG	ND 0.35	0.58 C	ND 0.13	ND 0.11	0.23 C	ND 0.13	ND 0.14	ND 0.14	0.46	NT
PNPBAS-AMB-5	03/24/2021	FD	ND 0.35	0.53 C	ND 0.13	ND 0.11	0.13 C	ND 0.13	ND 0.14	ND 0.14	0.54	NT
PNPBAS-AMB-5	03/24/2021	REG	ND 0.35	0.46 C	ND 0.13	ND 0.11	0.17 C	ND 0.13	ND 0.14	ND 0.14	0.54	NT
PNPBAS-AMB-5	12/16/2021	FD	ND 0.36	0.52 C	ND 0.13	ND 0.11	0.12 C	ND 0.13	ND 0.14	ND 0.14	0.19	NT
PNPBAS-AMB-5	12/16/2021	REG	ND 0.36	0.51 C	ND 0.13	ND 0.11	0.12 C	ND 0.13	ND 0.14	ND 0.14	0.18	NT
PNPBAS-AMB-6	08/14/2018	REG	ND 0.36	0.51 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	0.27	NT
PNPBAS-AMB-6	01/22/2019	REG	ND 0.36	0.47 C	ND 0.13	ND 0.11	NT	ND 0.13	0.14	ND 0.14	2.2	NT
PNPBAS-AMB-6	02/18/2019	REG	ND 0.36	0.47	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	0.31	NT
PNPBAS-AMB-6	05/07/2019	REG	ND 0.36	0.44 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	0.32	NT
PNPBAS-AMB-6	10/29/2019	REG	ND 0.35	0.49	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	0.49	NT
PNPBAS-AMB-6	12/19/2019	FD	ND 0.35	0.46 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	1.3	NT
PNPBAS-AMB-6	12/19/2019	REG	ND 0.35	0.44 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	1.4	NT
PNPBAS-AMB-6	12/08/2020	REG	ND 0.36	0.68 C	ND 0.13	ND 0.11	0.19 C	ND 0.13	ND 0.14	ND 0.14	0.8	NT
PNPBAS-AMB-6	02/10/2021	REG	ND 0.36	0.69	ND 0.13	ND 0.11	0.15	ND 0.13	ND 0.14	ND 0.14	1.7	NT
PNPBAS-AMB-6	12/16/2021	REG	ND 0.36	0.55 C	ND 0.13	ND 0.11	0.13 C	ND 0.13	ND 0.14	ND 0.14	0.35	NT
PNPBAS-AMB-8	05/12/2021	FD	ND 0.36	0.61 C	ND 0.13	ND 0.11	0.16 C	ND 0.13	ND 0.14	ND 0.14	0.34	NT
PNPBAS-AMB-8	05/12/2021	REG	ND 0.36	0.45 C	ND 0.13	ND 0.11	0.16 C	ND 0.13	ND 0.14	ND 0.14	0.31	NT
PNPBAS-AMB-8	06/16/2021	REG	ND 0.36	0.58 C	ND 0.13	ND 0.11	0.26 C	ND 0.13	ND 0.14	ND 0.14	0.63	NT
PNPBAS-AMB-8	12/16/2021	REG	ND 0.36	0.52 C	ND 0.13	ND 0.11	0.12 C	ND 0.14	ND 0.14	ND 0.14	0.15	NT
PNPBAS-GAC-1	12/08/2020	REG	ND 0.39	1.6 C	ND 0.14	ND 0.12	0.20 C	2.0 C	0.23	ND 0.15	6.2	NT
PNPBAS-GAC-1	01/07/2021	REG	ND 0.38	4.1 C	ND 0.14	ND 0.12	0.12 C	2.8 C	0.28	0.17 C	17	NT
PNPBAS-GAC-1	02/10/2021	REG	ND 0.38	4.5	ND 0.14	ND 0.11	0.25	1.7	0.53	ND 0.14	15	NT
PNPBAS-GAC-1	03/10/2021	REG	ND 0.39	1.3 C	ND 0.14	ND 0.12	0.19 C	1.6 C	ND 0.15	ND 0.15	4.4	NT
PNPBAS-GAC-1	04/07/2021	REG	ND 0.42	2.2 C	ND 0.15	ND 0.13	0.18 C	1.5 C	0.27	ND 0.16	9.3	ND 0.034
PNPBAS-GAC-1	04/07/2021	REG	ND 0.15	1.2	ND 0.11	ND 0.053	ND 0.13	1.2	ND 0.18	ND 0.53	4.6	NT
PNPBAS-GAC-1	05/12/2021	REG	ND 0.37	2.8 C	ND 0.14	ND 0.11	0.29 C	1.1 C	0.51	ND 0.14	18	ND 0.036
PNPBAS-GAC-1	05/12/2021	REG	ND 0.15	1.1	ND 0.11	ND 0.056	0.15	1.1	ND 0.19	ND 0.56	4.3	NT
PNPBAS-GAC-2	12/08/2020	REG	ND 0.38	0.37 C	ND 0.14	ND 0.12	ND 0.10	ND 0.14	ND 0.15	ND 0.15	ND 0.14	NT
PNPBAS-GAC-2	01/07/2021	FD	ND 0.38	1.8 C	ND 0.14	ND 0.12	ND 0.10	1.1 C	ND 0.15	ND 0.15	2.3	NT
PNPBAS-GAC-2	01/07/2021	REG	ND 0.38	2.0 C	ND 0.14	ND 0.12	0.11 C	1.7 C	0.17	ND 0.15	4.5	NT
PNPBAS-GAC-2	02/10/2021	REG	ND 0.38	1.8	ND 0.14	ND 0.11	0.11	0.89	ND 0.15	ND 0.14	2.7	NT
PNPBAS-GAC-2	03/10/2021	REG	ND 0.38	1.3 C	ND 0.14	ND 0.12	0.14 C	0.58 C	ND 0.15	ND 0.15	ND 0.14	NT
PNPBAS-GAC-2	04/07/2021	REG	ND 0.38	1.8 C	ND 0.14	ND 0.11	0.15 C	1.0 C	ND 0.15	ND 0.15	0.96	ND 0.033
PNPBAS-GAC-2	04/07/2021	REG	ND 0.14	1.5	ND 0.10	ND 0.051	ND 0.12	0.66	ND 0.18	ND 0.51	ND 0.14	NT

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APPENDIX A
HISTORICAL INDOOR AIR ANALYTICAL RESULTS
SIGNETICS SITE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	1,1,2-Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	Chloroform	cis-1,2-Dichloroethene	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
PNPBAS-GAC-2	05/12/2021	REG	ND 0.37	1.5 C	ND 0.14	ND 0.11	ND 0.097	1.1 C	ND 0.14	ND 0.14	ND 0.14	ND 0.14
PNPBAS-GAC-2	05/12/2021	REG	ND 0.60	ND 4.2	ND 0.44	ND 0.22	ND 0.54	0.81	ND 0.75	ND 2.2	ND 0.59	NT
PNPBAS-OUT-1	12/08/2020	REG	ND 0.36	0.61 C	ND 0.13	ND 0.11	0.27 C	ND 0.13	ND 0.14	ND 0.14	0.27	NT
PNPBAS-OUT-1	01/07/2021	REG	ND 0.37	0.71 C	ND 0.14	ND 0.11	0.20 C,M	ND 0.14	ND 0.15	ND 0.14	ND 0.14	NT
PNPBAS-OUT-1	02/10/2021	REG	ND 0.36	0.59	ND 0.13	ND 0.11	0.19	ND 0.13	ND 0.14	ND 0.14	0.24	NT
PNPBAS-OUT-1	03/10/2021	REG	ND 0.38	0.48 C	ND 0.14	ND 0.12	0.12 C	ND 0.14	ND 0.15	ND 0.15	0.24	NT
PNPBAS-OUT-1	03/24/2021	REG	ND 0.35	0.46 C	ND 0.13	ND 0.11	ND 0.092	ND 0.13	ND 0.14	ND 0.14	0.14	NT
PNPBAS-OUT-1	05/12/2021	REG	ND 0.35	0.41 C	ND 0.13	ND 0.11	0.14 C	ND 0.13	ND 0.14	ND 0.14	ND 0.13	NT
PNPBAS-OUT-1	06/16/2021	REG	ND 0.35	0.51 C	ND 0.13	ND 0.11	0.27 C	ND 0.13	ND 0.14	ND 0.14	0.21	NT
PNPBAS-OUT-1	12/16/2021	REG	ND 0.37	0.59 C	ND 0.14	ND 0.11	0.15 C	ND 0.14	ND 0.14	ND 0.14	ND 0.14	NT
PNPBAS-OUT-1	03/22/2022	REG	ND 0.35	0.55 C	ND 0.13	ND 0.11	0.25 C	ND 0.13	ND 0.14	ND 0.14	ND 0.13	NT
PNPBAS-PATH-1	12/08/2020	REG	ND 0.37	0.80 C	ND 0.14	ND 0.11	0.36 C	0.36 C	0.16	ND 0.14	1.7	NT
PNPBAS-PATH-1	02/10/2021	REG	ND 0.36	0.7	ND 0.13	ND 0.11	0.26	0.2	ND 0.14	ND 0.14	1	NT
PNPBAS-PATH-1	12/16/2021	REG	ND 0.36	0.53 C	ND 0.13	ND 0.11	0.20 C	ND 0.13	ND 0.14	ND 0.14	0.42	NT
PNPBAS-PATH-11	04/08/2021	REG	ND 0.14	ND 0.96	ND 0.10	ND 0.050	ND 0.12	0.12	0.18	ND 0.50	2.6	ND 0.032
PNPBAS-PATH-11	05/12/2021	REG	ND 0.15	ND 1.1	ND 0.11	ND 0.056	0.17	0.43	0.37	ND 0.56	16	ND 0.036
PNPBAS-PATH-11	06/16/2021	FD	ND 0.18	ND 1.2	ND 0.13	ND 0.064	0.29	0.56	0.3	ND 0.64	9.7	ND 0.041
PNPBAS-PATH-11	06/16/2021	REG	ND 0.16	ND 1.1	ND 0.12	ND 0.058	0.3	0.59	0.3	ND 0.58	9.5	ND 0.037
PNPBAS-PATH-11	12/16/2021	REG	ND 0.37	0.37 C	ND 0.14	ND 0.11	ND 0.096	ND 0.14	ND 0.14	ND 0.14	ND 0.14	NT
PNPBAS-PATH-2	12/08/2020	REG	ND 0.36	0.72 C	ND 0.13	ND 0.11	0.23 C	0.23 C	ND 0.14	ND 0.14	0.91	NT
PNPBAS-PATH-2	02/10/2021	REG	ND 0.36	0.64	ND 0.13	ND 0.11	0.17	ND 0.13	ND 0.14	ND 0.14	0.7	NT
PNPBAS-PATH-2	12/16/2021	REG	ND 0.36	0.56 C	ND 0.13	ND 0.11	0.12 C	ND 0.13	ND 0.14	ND 0.14	0.25	NT
PNPBAS-PATH-3	12/08/2020	REG	ND 0.36	0.64 C	ND 0.13	ND 0.11	0.26 C	0.20 C	ND 0.14	ND 0.14	0.34	NT
PNPBAS-PATH-3	02/10/2021	REG	ND 0.37	0.62	ND 0.14	ND 0.11	0.16	ND 0.14	ND 0.14	ND 0.14	0.3	NT
PNPBAS-PATH-3	12/16/2021	REG	ND 0.36	0.58 C	ND 0.13	ND 0.11	0.14 C	0.18 C	ND 0.14	ND 0.14	0.23	NT
PNPBAS-PATH-4	12/08/2020	REG	ND 0.37	1.5 C	ND 0.14	ND 0.11	0.17 C	2.2 C	0.24	ND 0.14	6.5	NT
PNPBAS-PATH-4	02/10/2021	REG	ND 0.36	1.7	ND 0.13	ND 0.11	0.16	1.2	0.16	ND 0.14	6.2	NT
PNPBAS-PATH-4	03/10/2021	FD	ND 0.38	0.83 C	ND 0.14	ND 0.11	0.10 C	0.70 C	ND 0.15	ND 0.14	5.7	NT
PNPBAS-PATH-4	03/10/2021	REG	ND 0.38	1.0 C	ND 0.14	ND 0.11	0.17 C	1.0 C	ND 0.15	ND 0.14	5.6	NT
PNPBAS-PATH-4	04/07/2021	REG	ND 0.36	0.86 C	ND 0.13	ND 0.11	0.12 C	0.52 C	0.16	ND 0.14	4.5	ND 0.034
PNPBAS-PATH-4	04/07/2021	REG	ND 0.15	ND 1.0	ND 0.11	ND 0.053	ND 0.13	ND 0.11	ND 0.18	ND 0.53	0.19	NT
PNPBAS-PATH-4	12/16/2021	FD	ND 0.15	ND 1.1	ND 0.11	ND 0.056	ND 0.14	ND 0.11	ND 0.19	ND 0.56	ND 0.15	ND 0.036
PNPBAS-PATH-4	12/16/2021	REG	ND 0.15	ND 1.0	ND 0.11	ND 0.054	ND 0.13	ND 0.11	ND 0.18	ND 0.54	ND 0.15	ND 0.035
PNPBAS-PATH-5	12/08/2020	REG	ND 0.38	1.4 C	ND 0.14	ND 0.12	0.16 C	1.8 C	0.21	ND 0.15	5.8	NT
PNPBAS-PATH-5	02/10/2021	REG	ND 0.37	1.8	ND 0.14	ND 0.11	0.17	1.4	ND 0.15	ND 0.14	6.1	NT

Notes:
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APPENDIX A
HISTORICAL INDOOR AIR ANALYTICAL RESULTS
SIGNETICS SITE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	1,1,2-Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	Chloroform	cis-1,2-Dichloroethene	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
PNPBAS-PATH-5	12/16/2021	REG	ND 0.38	0.74 C	ND 0.14	ND 0.11	0.16 C	0.93 C	ND 0.15	ND 0.14	4	NT
PNPBAS-PATH-5	03/22/2022	REG	ND 0.37	0.99 C	ND 0.14	ND 0.11	0.30 C	1.8 C	ND 0.15	ND 0.14	4.1	NT
PNPOFF-AMB-1	08/14/2018	REG	ND 0.36	0.60 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	ND 0.13	NT
PNPOFF-AMB-1	01/22/2019	REG	ND 0.36	0.45 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	1.4	NT
PNPOFF-AMB-1	02/18/2019	REG	ND 0.36	0.42	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	0.18	NT
PNPOFF-AMB-1	05/07/2019	FD	ND 0.36	0.40 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	0.23	NT
PNPOFF-AMB-1	05/07/2019	REG	ND 0.36	0.46 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	0.23	NT
PNPOFF-AMB-1	10/29/2019	REG	ND 0.35	0.56	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	ND 0.13	NT
PNPOFF-AMB-1	12/19/2019	REG	ND 0.35	0.43 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	0.9	NT
PNPOFF-AMB-1	12/08/2020	REG	ND 0.36	0.51 C	ND 0.13	ND 0.11	0.19 C	ND 0.13	ND 0.14	ND 0.14	0.6	NT
PNPOFF-AMB-1	02/10/2021	FD	ND 0.35	0.41	ND 0.13	ND 0.11	0.12	ND 0.13	ND 0.14	ND 0.14	0.18	NT
PNPOFF-AMB-1	02/10/2021	REG	ND 0.35	0.47	ND 0.13	ND 0.11	0.12	ND 0.13	ND 0.14	ND 0.14	0.19	NT
PNPOFF-AMB-1	12/16/2021	REG	ND 0.36	0.42 C	ND 0.13	ND 0.11	0.17 C	ND 0.13	ND 0.14	ND 0.14	ND 0.13	NT
PNPOFF-AMB-2	12/08/2020	REG	ND 0.35	0.44 C	ND 0.13	ND 0.11	0.16 C	ND 0.13	ND 0.14	ND 0.14	0.65	NT
PNPOFF-AMB-2	02/10/2021	REG	ND 0.35	0.47	ND 0.13	ND 0.10	0.13	ND 0.13	ND 0.14	ND 0.13	0.22	NT
PNPOFF-AMB-2	12/16/2021	REG	ND 0.35	0.48 C	ND 0.13	ND 0.11	0.12 C	ND 0.13	ND 0.14	ND 0.14	ND 0.13	NT
PNPOFF-AMB-3	12/08/2020	REG	ND 0.35	0.48 C	ND 0.13	ND 0.11	0.20 C	ND 0.13	ND 0.14	ND 0.14	4	NT
PNPOFF-AMB-3	02/10/2021	REG	ND 0.35	0.5	ND 0.13	ND 0.10	0.15	ND 0.13	ND 0.14	ND 0.13	0.23	NT
PNPOFF-AMB-3	12/16/2021	REG	ND 0.35	0.50 C	ND 0.13	ND 0.11	0.18 C	ND 0.13	ND 0.14	ND 0.14	ND 0.13	NT
PNPOFF-AMB-4	12/08/2020	REG	ND 0.36	0.47 C	ND 0.13	ND 0.11	0.19 C	ND 0.13	ND 0.14	ND 0.14	0.27	NT
PNPOFF-AMB-4	02/10/2021	REG	ND 0.35	0.5	ND 0.13	ND 0.10	0.14	ND 0.13	ND 0.14	ND 0.13	0.14	NT
PNPOFF-AMB-4	12/16/2021	REG	ND 0.35	0.45 C	ND 0.13	ND 0.11	0.14 C	ND 0.13	ND 0.14	ND 0.14	ND 0.13	NT
PNPOFF-AMB-5	12/08/2020	REG	ND 0.36	0.49 C	ND 0.13	ND 0.11	0.19 C	ND 0.13	ND 0.14	ND 0.14	0.33	NT
PNPOFF-AMB-5	02/10/2021	REG	ND 0.35	0.47	ND 0.13	ND 0.10	0.14	ND 0.13	ND 0.14	ND 0.14	0.15	NT
PNPOFF-AMB-5	12/16/2021	REG	ND 0.35	0.37 C	ND 0.13	ND 0.11	0.10 C	ND 0.13	ND 0.14	ND 0.14	ND 0.13	NT
PNPOFF-AMB-6	12/08/2020	REG	ND 0.36	0.50 C	ND 0.13	ND 0.11	0.16 C	ND 0.13	ND 0.14	ND 0.14	0.31	NT
PNPOFF-AMB-6	02/10/2021	REG	ND 0.35	0.64	ND 0.13	ND 0.10	0.24	ND 0.13	ND 0.14	ND 0.13	0.18	NT
PNPOFF-AMB-6	12/16/2021	REG	ND 0.35	0.44 C	ND 0.13	ND 0.11	0.13 C	ND 0.13	ND 0.14	ND 0.14	ND 0.13	NT
PNPOFF-AMB-7	12/08/2020	REG	ND 0.35	0.50 C	ND 0.13	ND 0.11	0.18 C	ND 0.13	ND 0.14	ND 0.14	0.32	NT
PNPOFF-AMB-7	02/10/2021	REG	ND 0.35	0.52	ND 0.13	ND 0.10	0.19	ND 0.13	ND 0.14	ND 0.13	0.16	NT
PNPOFF-AMB-7	12/16/2021	REG	ND 0.35	0.40 C	ND 0.13	ND 0.11	0.14 C	ND 0.13	ND 0.14	ND 0.14	ND 0.13	NT
PNPOFF-OUT-1	08/14/2018	REG	ND 0.36	0.58 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	ND 0.13	NT
PNPOFF-OUT-1	01/22/2019	REG	ND 0.36	0.54 C	ND 0.13	ND 0.11	NT	ND 0.14	ND 0.14	ND 0.14	1.4	NT
PNPOFF-OUT-1	02/18/2019	REG	ND 0.37	0.56	ND 0.14	ND 0.11	NT	ND 0.14	ND 0.14	ND 0.14	0.18	NT
PNPOFF-OUT-1	05/07/2019	REG	ND 0.36	0.45 C	ND 0.13	ND 0.11	NT	ND 0.13	ND 0.14	ND 0.14	ND 0.13	NT

Notes:
NT - Sample not tested for the given parameter
C - Estimated concentration due to calculated uptake rate.
M - Reported value may be biased due to apparent matrix interferences.

APPENDIX A
HISTORICAL INDOOR AIR ANALYTICAL RESULTS
SIGNETICS SITE, SUNNYVALE, CALIFORNIA

Parameter Name			1,1,1-Trichloroethane (TCA)	1,1,2-Trichlorotrifluoroethane (CFC 113)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethene (1,1-DCE)	Chloroform	cis-1,2-Dichloroethene	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
Report Units			ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
Location ID	Date Sampled	Sample Purpose	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
PNPOFF-OUT-1	10/29/2019	REG	ND 0.36	0.47	ND 0.13	ND 0.11	NT	ND 0.14	ND 0.14	ND 0.14	ND 0.13	NT
PNPOFF-OUT-1	12/19/2019	REG	ND 0.34	0.44 C	ND 0.12	ND 0.10	NT	ND 0.13	ND 0.13	ND 0.13	0.71	NT
PNPOFF-OUT-1	12/08/2020	REG	ND 0.35	0.53 C	ND 0.13	ND 0.11	0.25 C	ND 0.13	ND 0.14	ND 0.14	ND 0.13	NT
PNPOFF-OUT-1	02/04/2021	REG	ND 0.37	0.73 C	ND 0.14	ND 0.11	0.18 C	ND 0.14	ND 0.15	ND 0.14	0.88	NT
PNPOFF-OUT-1	02/09/2021	REG	ND 0.37	0.71 C	ND 0.14	ND 0.11	ND 0.20	ND 0.14	ND 0.15	ND 0.14	0.22	NT
PNPOFF-OUT-1	02/10/2021	REG	ND 0.34	0.54	ND 0.13	ND 0.10	0.16	ND 0.13	ND 0.14	ND 0.13	0.13	NT
PNPOFF-OUT-1	04/07/2021	REG	ND 0.34	0.57 C	ND 0.13	ND 0.10	0.18 C	ND 0.13	ND 0.14	ND 0.13	ND 0.13	NT
PNPOFF-OUT-1	12/16/2021	REG	ND 0.37	0.52 C	ND 0.14	ND 0.11	0.14 C	ND 0.14	ND 0.14	ND 0.14	ND 0.14	NT
PNPOFF-OUT-2	02/04/2021	REG	ND 0.38	0.80 C	ND 0.14	ND 0.11	0.27 C,M	ND 0.14	ND 0.15	ND 0.14	0.94	NT
PNPOFF-OUT-2	02/09/2021	REG	ND 0.37	0.58 C	ND 0.14	ND 0.11	ND 0.20	ND 0.14	ND 0.15	ND 0.14	0.22	NT
PNPOFF-PATH-1	12/08/2020	REG	ND 0.36	0.47 C	ND 0.13	ND 0.11	0.21 C	ND 0.13	ND 0.14	ND 0.14	0.31	NT
PNPOFF-PATH-1	02/10/2021	REG	ND 0.35	0.46	ND 0.13	ND 0.11	0.2	ND 0.13	ND 0.14	ND 0.14	0.17	NT
PNPOFF-PATH-1	12/16/2021	REG	ND 0.35	0.39 C	ND 0.13	ND 0.11	0.43 C	ND 0.13	ND 0.14	ND 0.14	ND 0.13	NT

Notes:
NT - Sample not tested for the given parameter
C - Estimated concentration due to calculated uptake rate.
M - Reported value may be biased due to apparent matrix interferences.