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15 April 2016

Alana Lee
Vapor Intrusion Project Manager
Superfund Division SFD-7-3
EPA Region IX
75 Hawthorne Street
San Francisco, CA 94105

Subject: **2015 Annual Vapor Intrusion Progress Report – Former Fairchild Properties**
Middlefield-Ellis-Whisman ("MEW") Area
Mountain View, California

Dear Ms. Lee:

Please find enclosed the 2015 Annual Vapor Intrusion Progress Report for the former Fairchild properties located within the Middlefield-Ellis-Whisman (MEW) Vapor Intrusion Study Area. This report documents work activities performed between 1 January and 31 December 2015 and was prepared pursuant to the United States Environmental Protection Agency's 16 September 2011 Statement of Work, Section 2.6.2.

If you have any questions regarding this 2015 Annual Vapor Intrusion Progress Report, please feel free to call me.

Very truly yours,

V. COCIANNI

Virgilio Cocianni
Remediation Manager

Attachment

CC: MEW Distribution List

Prepared for

Schlumberger Technology Corporation
100 Gillingham Lane
Sugar Land, Texas 77478

2015 ANNUAL VAPOR INTRUSION PROGRESS REPORT

FORMER FAIRCHILD PROPERTIES MIDDLEFIELD-ELLIS-WHISMAN (MEW) AREA MOUNTAIN VIEW, CALIFORNIA

Prepared by

Geosyntec consultants

engineers | scientists | innovators

1111 Broadway, 6th Floor
Oakland, California 94607

Project Number: WR1133D

15 April 2016

2015 Annual Vapor Intrusion Progress Report

Former Fairchild Properties
Middlefield-Ellis-Whisman (MEW) Area
Mountain View, California

Prepared by

Geosyntec Consultants, Inc.
1111 Broadway, 6th Floor
Oakland, California 94607

Susan B. Welt, PE (NY), MPH
Senior Engineer

Nancy T. Bice, PG, CEG
Principal Engineering Geologist

Project Number: WR1133D
April 2016

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LIST OF ACRONYMS AND ABBREVIATIONS

CAB	Community Advisory Board
EPA	United States Environmental Protection Agency
Fairchild	Fairchild Semiconductor Corporation
Geosyntec	Geosyntec Consultants, Inc.
H&A	Haley & Aldrich, Inc.
HVAC	heating, ventilation, and air conditioning
MEW	Middlefield-Ellis-Whisman
OM&M	operations, maintenance and monitoring
Report	Annual Progress Report
Revised Tiering Work Plan	Revised Site-Wide Vapor Intrusion Sampling and Analysis Work Plan for Response Action Tiering, Middlefield-Ellis-Whisman Area and Moffett Field, California
SSD	sub-slab depressurization
TCE	trichloroethene
VI	vapor intrusion
VI SOW	Statement of Work for the VI pathway at MEW
VI Study Area	former Fairchild Semiconductor Corporation properties situated within the Middlefield-Ellis-Whisman Superfund Area and parts of Moffett Field
Weiss	Weiss Associates

1. INTRODUCTION

This Annual Progress Report (Report) summarizes activities performed in 2015 related to assessing and addressing the vapor intrusion (VI) pathway for the buildings located on former Fairchild Semiconductor Corporation (Fairchild) properties situated within the Middlefield-Ellis-Whisman (MEW) Superfund Area and parts of Moffett Field (collectively referred to as the VI Study Area), in Mountain View, California (Figure 1). Geosyntec Consultants, Inc. (Geosyntec) prepared this report on behalf of Schlumberger Technology Corporation. As discussed in this Report, VI work was performed in general accordance with Section 2.6.2 of the United States Environmental Protection Agency's (EPA's) 16 September 2011 Statement of Work for the VI pathway at MEW (VI SOW; EPA, 2011).

1.1 Vapor Intrusion Study Area

The extent of the VI Study Area, as it relates to the former Fairchild facilities, is presented in Figure 2 and is in accordance with the maps posted by EPA on their MEW-specific website (www.epa.gov/region9/mew). Information regarding the background of the VI Study Area is provided in the Final Supplemental Remedial Investigation Report for Vapor Intrusion Pathway (Haley & Aldrich, Inc. [H&A], 2009).

As depicted in Figure 2 and summarized below, there are 13 buildings located on former Fairchild properties within the VI Study Area. All of the former Fairchild properties in the VI Study Area are located within the MEW Superfund Area south of U.S. Highway 101. As listed below, some of these buildings are currently occupied and have been sampled prior to 2015 while others have been demolished.

- 369 North Whisman Road – Occupied; last sampled in 2014.
- 379 North Whisman Road – Occupied; last sampled in 2014.
- 389 North Whisman Road – Occupied; last sampled in 2014.
- 399 North Whisman Road – Occupied; last sampled in 2014.
- 515 North Whisman Road – Occupied; last sampled in 2009.
- 545 North Whisman Road – Occupied; last sampled in 2009.

- 401 National Avenue – This property is currently under redevelopment. The building on this property was demolished, and the land will be used as an open-air parking garage.
- 644 National Avenue – The building on this property was demolished, and the land will be used as a parking lot for the foreseeable future.
- 464 Ellis Street – Occupied; last sampled in 2013.
- 466 Ellis Street – Occupied; last sampled in 2013.
- 468 Ellis Street – Occupied; last sampled in 2012.
- 313 Fairchild Drive – Occupied; last sampled in 2012.
- 323 Fairchild Drive – Occupied; last sampled in 2012.

Details regarding buildings sampled prior to 2015 are provided in the following documents, and results of prior sampling are provided in Table 1:

- Final Supplemental Remedial Investigation Report for Vapor Intrusion Pathway (H&A, 2009).
- 2013 Annual Vapor Intrusion Progress Report (Geosyntec, 2014a).
- 2014 Annual Vapor Intrusion Progress Report (Geosyntec, 2015a).

1.2 Purpose and Objectives

The purpose of this Report is to summarize the VI investigation, remedial design, and construction activities performed at the buildings located on the former Fairchild properties in 2015. In addition, this Report presents a summary of the work activities proposed for 2016.

1.3 Report Organization

The VI SOW specifies several items to be included in the Annual Progress Report. These items and where they are addressed in this Report are included in the table below:

Task Item	Location in Annual Progress Report
(a) Description of the VI work and activities taken to comply with the VI SOW during the reporting period, including a description of activities conducted during the reporting period.	Section 2
(b) Work activities include, but are not limited to, fieldwork, sampling, data collection, reporting, community involvement and meetings, laboratory results, interim VI mitigation measures, and remedial design/remedial action activities.	Section 2
(c) Summary of all results of sampling and monitoring data by building or property address, including sampling location maps and figures, and data summary tables.	Section 1.2, Table 1
(d) Re-assessment of the extent of the VI Study Area using the most recent shallow A-zone groundwater concentration data and other lines of evidence, as appropriate. Provide updated shallow A aquifer zone trichloroethene (TCE) isoconcentration maps.	Section 1.1, Figure 2
(e) Interpretation or explanation of the data collected during the reporting period, including summary table update of response action tiering status of all buildings/properties.	Section 2, Table 2
(f) Description of VI Work planned for the next reporting period, with updated schedules that show overall VI Work completed, VI Work planned for the next reporting period, and the overall project schedule for VI Work task completion.	Section 4, Table 2
(g) Description of issues/problems encountered and any anticipated problems, any actual or anticipated delays, and solutions developed and implemented to address any actual or anticipated delays.	Section 3
(h) Recommendations, follow-up actions, and proposed schedules for work to address problems encountered.	Section 5

References are listed in Section 6.

2. VAPOR INTRUSION ACTIVITIES

In 2015, operations, maintenance, and monitoring (OM&M) was conducted for the sub-slab depressurization (SSD) systems installed and operating in the buildings located at the 369 and 379 North Whisman Road properties. OM&M activities were conducted in accordance with the building-specific SSD system OM&M Plan (Geosyntec, 2013).

2.1 Investigation Activities

No VI investigation activities were conducted in 2015 for the buildings located on former Fairchild properties.

2.2 Reporting

Field activities performed in 2015 at former Fairchild properties located within the VI Study Area were documented in Monthly Vapor Intrusion Field Activity and Progress Reports that were submitted to EPA in accordance with the VI SOW as follows:

- Geosyntec, 10 February 2015;
- Geosyntec, 10 March 2015;
- Geosyntec, 14 April 2015;
- Geosyntec, 11 May 2015;
- Geosyntec, 8 June 2015;
- Geosyntec, 9 July 2015;
- Geosyntec, 10 August 2015;
- Geosyntec, 4 September 2015;
- Geosyntec, 9 October, 2015;
- Geosyntec, 9 November 2015;
- Geosyntec, 3 December 2015; and
- Geosyntec, 7 January 2016.

2.3 Community Involvement and Meetings

Community meetings continue to be held by EPA representatives, including meetings with the Moffett Field Restoration Advisory Board. In addition, meetings with the Moffett-MEW Community Advisory Board (CAB) are held when scheduled by the CAB.

2.4 Interim Vapor Intrusion Mitigation Measures

No interim VI mitigation measures were implemented in 2015 for the buildings located on former Fairchild properties.

2.5 Remedial Design Activities

No remedial design activities were conducted in 2015 for the buildings located on former Fairchild properties.

2.6 Remedial Action Activities

VI remedial action activities performed during 2015 consisted of OM&M for the SSD systems located at 369 and 379 North Whisman Road.

Operation and maintenance activities conducted at former Fairchild properties were reported to EPA as follows:

- First Quarter 2015 Sub-Slab Depressurization System Operation, Maintenance, and Monitoring Report, 369 and 379 North Whisman Road, Mountain View, California. (Weiss Associates (Weiss), 2015a).
- Second Quarter 2015 Sub-Slab Depressurization System Operation, Maintenance, and Monitoring Report, 369 and 379 North Whisman Road, Mountain View, California. (Weiss, 2015b).
- 2015 Annual Sub-Slab Depressurization System Operation, Maintenance, and Monitoring Report, 369 and 379 North Whisman Road, Mountain View, California (Weiss, 2016).

The SSD systems have continued to operate without issue since startup in 2014.

3. DELAYS AND PROBLEMS ENCOUNTERED

The building tiering process could not be completed in 2015 due to EPA's delay in completion of its review and approval of the Revised Site-Wide Vapor Intrusion Sampling and Analysis Work Plan for Response Action Tiering, Middlefield-Ellis-Whisman Area and Moffett Field, California, ([Revised Tiering Work Plan]; H&A, 2013), which was submitted to EPA on 22 March 2013. Upon approval of the Revised Tiering Work Plan by EPA, it is expected that implementation of the VI tiering will begin.

No other significant delays related to VI activities were encountered in 2015.

4. ANTICIPATED ACTIVITIES PLANNED FOR 2016

Geosyntec anticipates implementation of the following activities in 2016:

- Continue ongoing OM&M programs for SSD systems installed in the buildings located at 369 and 379 North Whisman Road, in accordance with the OM&M Plan (Geosyntec, 2013).
- Supplemental work plans will be submitted to EPA within 30 days of EPA's approval of the Revised Tiering Work Plan. Subsequent sampling and reporting will be performed in accordance with the VI SOW (EPA, 2011). Once this plan is approved, Supplemental Building-Specific Vapor Intrusion Sampling and Analysis Work Plans to perform indoor and outdoor air sampling for tiering purposes at 313 and 323 Fairchild Drive, and 515 and 545 North Whisman Road will be submitted.
- Property- and building-specific evaluation reports will be submitted to EPA within 30 days of EPA's approval of the Revised Tiering Work Plan. Once this plan is approved, Property-Specific Vapor Intrusion Evaluation Reports to assign building tiers to 401 National Drive and 644 National Drive, and Building-Specific Vapor Intrusion Evaluation Reports to assign building tiers to 369 through 399 North Whisman Road and 464 through 468 Ellis Street will be submitted.
- Submit Monthly Vapor Intrusion Progress Reports to EPA on the second Tuesday of each month in accordance with Section 2.6.2 of the VI SOW.

An updated schedule that shows overall VI work completed, future VI work planned, and the overall project schedule for VI work task completion is provided as Table 2.

5. CONCLUSIONS AND RECOMMENDATIONS

As discussed in Section 2, the VI activities completed in 2015 included ongoing OM&M for the SSD systems located at 369 and 379 North Whisman Road and required reporting. The SSD systems have continued to operate without issue since startup in 2014, and OM&M of these systems will continue in 2016.

6. REFERENCES

EPA, 2011, "Statement of Work for Remedial Design and Remedial Action to Address the Vapor Intrusion Pathway Middlefield-Ellis-Whisman Superfund Study Area, Mountain View and Moffett Field, California," 16 September.

Geosyntec, 2013, "Building-Specific Long-Term Vapor Intrusion Operations, Maintenance, and Monitoring Plan, 369 and 379 North Whisman Road, Mountain View, California," 21 October.

Geosyntec, 2014a, "2013 Annual Vapor Intrusion Progress Report, Former Fairchild Properties, Middlefield-Ellis-Whisman Area, Mountain View, California," 15 April.

Geosyntec, 2014b, "Building-Specific Vapor Intrusion Response Action Implementation Report, 369 and 379 N. Whisman Road, Mountain View, California," 3 September.

Geosyntec, 2015, "Monthly Vapor Intrusion Field Activity and Progress Report, Middlefield-Ellis-Whisman Area and Moffett Field, California," multiple dates (10 February, 10 March, 14 April, 11 May, 8 June, 9 July, 10 August, 4 September, 9 October, 9 November, and 3 December).

Geosyntec, 2015a, "2014 Annual Vapor Intrusion Progress Report, Former Fairchild Properties, Middlefield-Ellis-Whisman Area, Mountain View, California," 15 April.

Geosyntec, 2016, "Monthly Vapor Intrusion Field Activity and Progress Report, Middlefield-Ellis-Whisman Area and Moffett Field, California," 7 January.

Haley & Aldrich, Inc. (H&A), 2009, "Final Supplemental Remedial Investigation for Vapor Intrusion Pathway, Middlefield-Ellis-Whisman Study Area, Mountain View and Moffett Field, California," June.

H&A, 2013, "Revised Site-Wide Vapor Intrusion Sampling and Analysis Work Plan for Response Action Tiering, Middlefield-Ellis-Whisman Superfund Area, Mountain View, California and Moffett Field," 22 March.

Weiss Associates (Weiss), 2015a, "First Quarter 2015 Sub-Slab Depressurization System Operation, Maintenance, and Monitoring Report, 369 and 379 North Whisman Road, Mountain View, California," 29 April.

Weiss, 2015b, "Second Quarter 2015 Sub-Slab Depressurization System Operation, Maintenance, and Monitoring Report, 369 and 379 North Whisman Road, Mountain View, California," 31 July.

Weiss, 2016, "2015 Annual Sub-Slab Depressurization System Operation, Maintenance, and Monitoring Report, 369 and 379 North Whisman Road, Mountain View, California," 28 January.

TABLES

TABLE 1

PREVIOUS AIR SAMPLING RESULTS
BUILDINGS LOCATED ON FORMER FAIRCHILD PROPERTIES, VAPOR INTRUSION STUDY AREA
MOUNTAIN VIEW, CALIFORNIA

Building	Location / Sample ID	Sample Date	Ventilation Status	Sample Purpose	Sample Duration (hours)	Sample Type	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	trans-1,2-DCE	TCE	Vinyl chloride
Site-Specific EPA Commercial Indoor Air Cleanup Level							6	700	210	2	210	5	2
HVAC On													
369 N. Whisman Rd.	369AMB1	05/06/2003	On	Indoor	10	Primary	<0.14	<0.069	<0.14	<0.24	<0.69	<0.19	<0.044
369 N. Whisman Rd.	369AMB1	5/13/2003	On	Indoor	10	Primary	<0.14	<0.070	<0.14	<0.24	<0.70	<0.19	<0.045
369 N. Whisman Rd.	369AMB1	10/2/2003	On	Indoor	10	Primary	<0.14	<0.069	0.19	0.75	<0.69	0.53	0.12
369 N. Whisman Rd.	369AMB1	10/7/2003	On	Indoor	10	Primary	<0.14	<0.068	0.58	**2.2**	<0.68	1.6	<0.044
369 N. Whisman Rd.	369AMB1	6/30/2010	On	Indoor	10	Primary	<0.020	0.089	0.014 J	0.071 J	<0.055	3.0	<0.013
369 N. Whisman Rd.	369AMB1*	6/30/2010	On	Indoor	10	Duplicate	<0.020	0.086	0.013 J	0.074 J	<0.055	2.7	<0.013
369 N. Whisman Rd.	369AMB2	5/6/2003	On	Indoor	10	Primary	<0.13	<0.064	<0.13	0.33	<0.64	<0.17	<0.041
369 N. Whisman Rd.	369AMB2	5/13/2003	On	Indoor	10	Primary	0.88	<0.068	<0.14	0.30	<0.68	<0.18	<0.044
369 N. Whisman Rd.	369AMB2	10/2/2003	On	Indoor	10	Primary	<0.14	<0.069 J	<0.14	0.31	<0.69	0.33	<0.044
369 N. Whisman Rd.	369AMB2	10/7/2003	On	Indoor	10	Primary	<0.14	<0.069	<0.14	0.44	<0.69	0.28	<0.044
369 N. Whisman Rd.	369AMB2	6/30/2010	On	Indoor	10	Primary	<0.020	0.087	0.016 J	0.079 J	<0.055	2.8	<0.013
369 N. Whisman Rd.	369AMB3	5/6/2003	On	Indoor	10	Primary	<0.14	<0.070	<0.14	<0.24	<0.70	<0.19	<0.045
369 N. Whisman Rd.	369AMB3	5/13/2003	On	Indoor	10	Primary	<0.14	<0.070	<0.14	<0.24	<0.70	<0.19	<0.045
369 N. Whisman Rd.	369AMB3	10/2/2003	On	Indoor	10	Primary	<0.14	<0.069	<0.14	0.40	<0.69	0.41	<0.044
369 N. Whisman Rd.	369AMB3	10/7/2003	On	Indoor	10	Primary	<0.14	<0.069	<0.14	0.45	<0.69	0.33	<0.044
369 N. Whisman Rd.	369AMB3*	10/7/2003	On	Indoor	10	Duplicate	<0.14	<0.069	<0.14	0.49	<0.69	0.34	<0.044
369 N. Whisman Rd.	369AMB3	6/30/2010	On	Indoor	10	Primary	<0.020	0.066	0.011 J	0.062 J	<0.056	2.2	0.0070 J
369 N. Whisman Rd.	369AMB3	11/21/2012	On	Indoor	8	Primary	<0.13	<0.065	<0.13	0.074	<0.65	0.14	<0.042
369 N. Whisman Rd.	369AMB3	12/29/2012	On	Indoor	8	Primary	<0.081	<0.079	<0.079	<0.14	<0.079	0.13	<0.051
369 N. Whisman Rd.	369AMB3	1/22/2013	On	Indoor	8	Primary	<0.14	<0.067	<0.13	<0.23	<0.67	<0.18	<0.043
369 N. Whisman Rd.	369AMB3	7/2/2014	On	Indoor	8	Primary	<0.13	<0.065	<0.13	<0.22	<0.65	<0.18	<0.042
369 N. Whisman Rd.	369AMB4	5/6/2003	On	Indoor	10	Primary	<0.13	<0.064	<0.13	<0.22	<0.64	0.17 J	<0.041
369 N. Whisman Rd.	369AMB4	5/13/2003	On	Indoor	10	Primary	<0.14	<0.068	<0.14	0.26	<0.68	<0.18	<0.044
369 N. Whisman Rd.	369AMB4	10/2/2003	On	Indoor	10	Primary	<0.14	<0.069	<0.14	<0.24	<0.69	0.67	<0.044
369 N. Whisman Rd.	369AMB4	10/7/2003	On	Indoor	10	Primary	<0.14	<0.068	<0.14	0.46	<0.68	0.32	<0.044
369 N. Whisman Rd.	369AMB4	6/30/2010	On	Indoor	10	Primary	<0.020	0.054	0.011 J	0.060 J	<0.055	1.9	0.0069 J
369 N. Whisman Rd.	369AMB5	6/30/2010	On	Indoor	10	Primary	<0.020	0.078	0.015 J	0.065 J	<0.055	2.7	0.0097 J
369 N. Whisman Rd.	369AMB5*	6/30/2010	On	Indoor	10	Duplicate	<0.020	0.089	0.017 J	0.078 J	<0.055	3.2	0.0053 J
369 N. Whisman Rd.	369AMB5	11/21/2012	On	Indoor	8	Primary	<0.13	<0.065	<0.13	0.081	<0.65	1.4	<0.042
369 N. Whisman Rd.	369AMB5*	11/21/2012	On	Indoor	8	Duplicate	<0.12	<0.061	<0.12	0.078	<0.61	1.5	<0.04
369 N. Whisman Rd.	369AMB5	12/29/2012	On	Indoor	8	Primary	<0.081	<0.079	<0.079	0.19	<0.079	**6.4**	<0.051
369 N. Whisman Rd.	369AMB5	1/22/2013	On	Indoor	8	Primary	<0.13	<0.065	<0.13	<0.22	<0.65	<0.18	<0.042
369 N. Whisman Rd.	369AMB5	7/2/2014	On	Indoor	8	Primary	<0.14	<0.067	<0.13	<0.23	<0.67	<0.18	<0.043
369 N. Whisman Rd.	369AMB6	11/21/2012	On	Indoor	8	Primary	<0.14	<0.067	<0.13	0.079	<0.67	1.6	<0.043
369 N. Whisman Rd.	369AMB6	12/29/2012	On	Indoor	8	Primary	<0.081	<0.079	<0.079	0.16	<0.079	**5.8**	<0.051
369 N. Whisman Rd.	369AMB6	1/22/2013	On	Indoor	8	Primary	<0.13	<0.064	<0.13	<0.22	<0.64	<0.17	<0.041
369 N. Whisman Rd.	369AMB6	7/2/2014	On	Indoor	8	Primary	<0.13	<0.063	<0.13	<0.22	<0.63	<0.17	<0.041

TABLE 1

PREVIOUS AIR SAMPLING RESULTS
BUILDINGS LOCATED ON FORMER FAIRCHILD PROPERTIES, VAPOR INTRUSION STUDY AREA
MOUNTAIN VIEW, CALIFORNIA

Building	Location / Sample ID	Sample Date	Ventilation Status	Sample Purpose	Sample Duration (hours)	Sample Type	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	trans-1,2-DCE	TCE	Vinyl chloride
Site-Specific EPA Commercial Indoor Air Cleanup Level							6	700	210	2	210	5	2
HVAC On													
369 N. Whisman Rd.	369AMB7	11/21/2012	On	Indoor	8	Primary	<0.14	<0.067	<0.13	0.054	<0.67	0.095	<0.043
369 N. Whisman Rd.	369AMB7	12/29/2012	On	Indoor	8	Primary	<0.081	<0.079	<0.079	<0.14	<0.079	0.15	<0.051
369 N. Whisman Rd.	369AMB7	1/22/2013	On	Indoor	8	Primary	<0.11	<0.055	<0.11	<0.19	<0.55	<0.15	<0.036
369 N. Whisman Rd.	369AMB7	7/2/2014	On	Indoor	8	Primary	<0.13	<0.066	<0.13	<0.22	<0.66	<0.18	<0.042
369 N. Whisman Rd.	369AMB8	11/21/2012	On	Indoor	8	Primary	<0.13	<0.064	<0.13	0.1	<0.64	1.4	<0.041
369 N. Whisman Rd.	369AMB8	12/29/2012	On	Indoor	8	Primary	<0.081	0.078	<0.079	0.18	<0.079	**6.2**	<0.051
369 N. Whisman Rd.	369AMB8	1/22/2013	On	Indoor	8	Primary	<0.14	<0.067	<0.13	<0.23	<0.67	<0.18	<0.043
369 N. Whisman Rd.	369AMB8	7/2/2014	On	Indoor	8	Primary	<0.13	<0.066	<0.13	<0.22	<0.66	<0.18	<0.043
369 N. Whisman Rd.	369HVAC1	5/6/2003	On	Outdoor	10	Primary	<0.14	<0.069	<0.14	<0.24	<0.69	<0.19	<0.044
369 N. Whisman Rd.	369HVAC1	5/13/2003	On	Outdoor	10	Primary	<0.14	<0.068	<0.14	<0.23	<0.68	<0.18	<0.044
369 N. Whisman Rd.	369HVAC1	6/29/2010	On	Outdoor	24	Primary	<0.020	<0.020	<0.055	0.042 J	<0.055	0.16	0.043
369 N. Whisman Rd.	369HVAC1	11/21/2012	On	Outdoor	8	Primary	<0.13	<0.065	<0.13	0.042	<0.65	0.029	<0.042
369 N. Whisman Rd.	369HVAC1	12/29/2012	On	Outdoor	8	Primary	<0.081	<0.079	<0.079	0.56	<0.079	<0.11	<0.051
369 N. Whisman Rd.	369HVAC1	1/22/2013	On	Outdoor	8	Primary	<0.12	<0.061	<0.12	<0.21	<0.61	<0.17	<0.040
369 N. Whisman Rd.	369HVAC1	7/2/2014	On	Outdoor	8	Primary	<0.14	<0.066	<0.13	<0.23	<0.66	<0.18	<0.043
369 N. Whisman Rd.	369HVAC2	5/6/2003	On	Outdoor	10	Primary	<0.14	<0.069	<0.14	<0.24	<0.69	<0.19	<0.044
369 N. Whisman Rd.	369HVAC2	5/13/2003	On	Outdoor	10	Primary	<0.14	<0.069	<0.14	0.23 J	<0.69	<0.19	<0.044
369 N. Whisman Rd.	369PATH1	5/6/2003	On	Pathway	10	Primary	<0.14	<0.070	<0.14	<0.24	<0.70	<0.19	<0.045
369 N. Whisman Rd.	369PATH1*	5/6/2003	On	Pathway	10	Duplicate	<0.14	<0.069	<0.14	<0.24	<0.69	<0.19	<0.044
369 N. Whisman Rd.	369PATH1	5/13/2003	On	Pathway	10	Primary	<0.14	<0.069	<0.14	0.23 J	<0.69	<0.19	<0.044
369 N. Whisman Rd.	369PATH2	6/30/2010	On	Pathway	10	Primary	<0.020	0.064	0.0099 J	0.068 J	<0.055	2.0	<0.013
369 N. Whisman Rd.	369/379OUT1	12/29/2012	On	Outdoor	8	Primary	<0.081	<0.079	<0.079	0.13	<0.079	<0.11	<0.051
369 N. Whisman Rd.	369/379OUT1	1/22/2013	On	Outdoor	8	Primary	<0.13	<0.064	<0.13	<0.22	<0.64	<0.17	<0.041
369 N. Whisman Rd.	369/379OUT1	7/2/2014	On	Outdoor	8	Primary	<0.14	<0.067	<0.13	<0.23	<0.67	<0.18	<0.043
HVAC Off													
369 N. Whisman Rd.	369AMB1	3/14/2010	Off	Indoor	10	Primary	<0.020	0.21	0.013 J	0.084 J	<0.056	4.3	<0.013
369 N. Whisman Rd.	369AMB1*	3/14/2010	Off	Indoor	10	Duplicate	<0.020	0.20	0.015 J	0.087 J	<0.056	4.5	<0.013
369 N. Whisman Rd.	369AMB2	3/14/2010	Off	Indoor	10	Primary	<0.020	0.094	<0.056	0.083 J	<0.056	1.9	<0.013
369 N. Whisman Rd.	369AMB3	3/14/2010	Off	Indoor	10	Primary	<0.020	0.15	0.011 J	0.093 J	<0.056	3.4	0.0060 J
369 N. Whisman Rd.	369 AMB3	11/23/2012	Off	Indoor	8	Primary	<0.13	0.11	<0.13	0.091	<0.65	3.1	<0.042
369 N. Whisman Rd.	369 AMB3	1/1/2013	Off	Indoor	8	Primary	<0.081	0.14	<0.079	<0.14	<0.079	4.9	<0.051
369 N. Whisman Rd.	369AMB3	07/05/2014	Off	Indoor	8	Primary	<0.13	<0.064	<0.13	<0.22	<0.64	0.25	<0.041
369 N. Whisman Rd.	369AMB4	3/14/2010	Off	Indoor	10	Primary	<0.020	0.11	<0.056	0.077 J	<0.056	2.3	<0.013
369 N. Whisman Rd.	369AMB5	3/14/2010	Off	Indoor	10	Primary	<0.020	0.10	0.012 J	0.11 J	<0.056	2.4	<0.013
369 N. Whisman Rd.	369AMB5	11/23/2012	Off	Indoor	8	Primary	<0.13	0.32	<0.13	0.16	<0.65	**13**	<0.042
369 N. Whisman Rd.	369AMB5*	11/23/2012	Off	Indoor	8	Duplicate	<0.13	0.31	<0.13	0.12	<0.64	**12**	<0.041
369 N. Whisman Rd.	369AMB5	1/1/2013	Off	Indoor	8	Primary	<0.081	0.18	<0.079	<0.14	<0.079	**5.2**	<0.051
369 N. Whisman Rd.	369AMB5	07/05/2014	Off	Indoor	8	Primary	<0.13	<0.065	<0.13	<0.22	<0.65	0.20	<0.042

TABLE 1

PREVIOUS AIR SAMPLING RESULTS
BUILDINGS LOCATED ON FORMER FAIRCHILD PROPERTIES, VAPOR INTRUSION STUDY AREA
MOUNTAIN VIEW, CALIFORNIA

Building	Location / Sample ID	Sample Date	Ventilation Status	Sample Purpose	Sample Duration (hours)	Sample Type	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	trans-1,2-DCE	TCE	Vinyl chloride
Site-Specific EPA Commercial Indoor Air Cleanup Level							6	700	210	2	210	5	2
HVAC Off													
369 N. Whisman Rd.	369AMB6	11/23/2012	Off	Indoor	8	Primary	<0.14	0.61	0.17	0.22	<0.68	**36**	<0.044
369 N. Whisman Rd.	369AMB6	1/1/2013	Off	Indoor	8	Primary	<0.081	0.59	0.13	0.17	<0.079	**30**	<0.051
369 N. Whisman Rd.	369AMB6	7/5/2014	Off	Indoor	8	Primary	<0.14	<0.067	<0.13	<0.23	<0.67	0.22	<0.043
369 N. Whisman Rd.	369 AMB7	11/23/2012	Off	Indoor	8	Primary	<0.13	0.12	<0.13	0.098	<0.65	3.3	<0.042
369 N. Whisman Rd.	369 AMB7	1/1/2013	Off	Indoor	8	Primary	<0.081	0.16	<0.079	<0.14	<0.079	**5.7**	<0.051
369 N. Whisman Rd.	369 AMB7	7/5/2014	Off	Indoor	8	Primary	<0.13	<0.064	<0.13	<0.22	<0.64	0.33	<0.041
369 N. Whisman Rd.	369AMB8	11/23/2012	Off	Indoor	8	Primary	<0.14	0.28	<0.13	0.097	<0.67	**6.2**	<0.043
369 N. Whisman Rd.	369AMB8	1/1/2013	Off	Indoor	8	Primary	<0.081	0.38	<0.079	<0.14	<0.079	**5.6**	<0.051
369 N. Whisman Rd.	369AMB8	7/5/2014	Off	Indoor	8	Primary	<0.14	<0.068	<0.14	<0.23	<0.68	0.21	<0.044
369 N. Whisman Rd.	369OUT1	3/13/2010	Off	Outdoor	24	Primary	<0.020	<0.020	<0.056	0.068 J	<0.056	0.071	<0.013
369 N. Whisman Rd.	369-399OUT1	11/23/2012	Off	Outdoor	8	Primary	<0.13	<0.064	<0.13	0.054	<0.64	<0.026	<0.041
369 N. Whisman Rd.	369/379OUT1	1/1/2013	Off	Outdoor	8	Primary	<0.081	<0.079	<0.079	<0.14	<0.079	<0.11	<0.051
369 N. Whisman Rd.	369/379OUT1	7/5/2014	Off	Outdoor	8	Primary	<0.11	<0.055	<0.11	<0.19	<0.55	<0.15	<0.035
369 N. Whisman Rd.	369PATH2	3/14/2010	Off	Pathway	10	Primary	<0.020	0.11	0.010 J	0.083 J	<0.056	2.2	<0.013
HVAC On													
379 N. Whisman Rd.	379AMB1	05/06/2003	On	Indoor	10	Primary	<0.14	<0.069	<0.14	0.61	<0.69	<0.19	<0.044
379 N. Whisman Rd.	379AMB1	05/13/2003	On	Indoor	10	Primary	<0.13	<0.066	<0.13	0.24	<0.66	<0.18	<0.043
379 N. Whisman Rd.	379AMB1	10/02/2003	On	Indoor	10	Primary	<0.14	<0.070	<0.14	<0.24	<0.70	<0.19	<0.045
379 N. Whisman Rd.	379AMB1	10/07/2003	On	Indoor	10	Primary	<0.14	<0.069	<0.14	0.72	<0.69	<0.19	<0.044
379 N. Whisman Rd.	379AMB1	09/09/2010	On	Indoor	10	Primary	<0.020	<0.020	0.027 J	0.15	<0.055	0.59	<0.013
379 N. Whisman Rd.	379AMB1	11/21/2012	On	Indoor	8	Primary	<0.14	<0.068	<0.14	0.11	<0.68	1.3	<0.044
379 N. Whisman Rd.	379AMB1	12/29/2012	On	Indoor	8	Primary	<0.081	<0.079	<0.079	0.67	<0.079	1.8	<0.051
379 N. Whisman Rd.	379AMB1	01/22/2013	On	Indoor	8	Primary	<0.13	<0.065	<0.13	<0.22	<0.65	<0.18	<0.042
379 N. Whisman Rd.	379AMB1	07/02/2014	On	Indoor	8	Primary	<0.14	<0.066	<0.13	<0.23	<0.66	<0.18	<0.043
379 N. Whisman Rd.	379AMB2	05/06/2003	On	Indoor	10	Primary	<0.14	<0.069	<0.14	<0.24	<0.69	<0.19	<0.044
379 N. Whisman Rd.	379AMB2	05/13/2003	On	Indoor	10	Primary	<0.14	<0.069	<0.14	<0.24	<0.69	<0.19	<0.044
379 N. Whisman Rd.	379AMB2	10/02/2003	On	Indoor	10	Primary	<0.13	<0.064	<0.13	<0.22	<0.64	<0.17	<0.041
379 N. Whisman Rd.	379AMB2	10/07/2003	On	Indoor	10	Primary	<0.14	<0.070	<0.14	0.69	<0.70	0.19 J	<0.045
379 N. Whisman Rd.	379AMB2	09/09/2010	On	Indoor	10	Primary	<0.020	<0.020	0.026 J	0.11 J	<0.055	0.48	<0.013
379 N. Whisman Rd.	379AMB2	11/21/2012	On	Indoor	8	Primary	<0.14	<0.067	<0.13	0.072	<0.67	1.4	<0.043
379 N. Whisman Rd.	379AMB2	12/29/2012	On	Indoor	8	Primary	<0.081	<0.079	<0.079	0.64	<0.079	1.8	<0.051
379 N. Whisman Rd.	379AMB2	01/22/2013	On	Indoor	8	Primary	<0.14	<0.068	<0.14	<0.23	<0.68	<0.18	<0.044
379 N. Whisman Rd.	379AMB2	07/02/2014	On	Indoor	8	Primary	<0.14	<0.067	<0.13	<0.23	<0.67	<0.18	<0.043

TABLE 1

PREVIOUS AIR SAMPLING RESULTS
BUILDINGS LOCATED ON FORMER FAIRCHILD PROPERTIES, VAPOR INTRUSION STUDY AREA
MOUNTAIN VIEW, CALIFORNIA

Building	Location / Sample ID	Sample Date	Ventilation Status	Sample Purpose	Sample Duration (hours)	Sample Type	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	trans-1,2-DCE	TCE	Vinyl chloride
Site-Specific EPA Commercial Indoor Air Cleanup Level							6	700	210	2	210	5	2
HVAC On													
379 N. Whisman Rd.	379AMB3	05/06/2003	On	Indoor	10	Primary	<0.14	<0.069	<0.14	<0.24	<0.69	<0.19	<0.044
379 N. Whisman Rd.	379AMB3*	05/13/2003	On	Indoor	10	Duplicate	<0.13	<0.066	<0.13	0.26	<0.66	<0.18	<0.043
379 N. Whisman Rd.	379AMB3	05/13/2003	On	Indoor	10	Primary	<0.14	<0.069	<0.14	<0.24	<0.69	<0.19	<0.044
379 N. Whisman Rd.	379AMB3	10/02/2003	On	Indoor	10	Primary	<0.14	<0.070	<0.14	<0.24	<0.70	<0.19	<0.045
379 N. Whisman Rd.	379AMB3	10/07/2003	On	Indoor	10	Primary	<0.14	<0.069	<0.14	0.61	<0.69	<0.19	<0.044
379 N. Whisman Rd.	379AMB3	09/09/2010	On	Indoor	10	Primary	<0.020	<0.020	0.016 J	0.12 J	<0.055	0.71	<0.013
379 N. Whisman Rd.	379AMB3	12/29/2012	On	Indoor	8	Primary	<0.081	<0.079	<0.079	0.48	<0.079	1.4	<0.051
379 N. Whisman Rd.	379AMB3	01/22/2013	On	Indoor	8	Primary	<0.14	<0.067	<0.13	<0.23	<0.67	<0.18	<0.043
379 N. Whisman Rd.	379AMB3	07/02/2014	On	Indoor	8	Primary	<0.13	<0.065	<0.13	<0.22	<0.65	<0.18	<0.042
379 N. Whisman Rd.	379AMB4	05/06/2003	On	Indoor	10	Primary	<0.13	<0.062	<0.12	<0.21	<0.62	<0.17	<0.040
379 N. Whisman Rd.	379AMB4	05/13/2003	On	Indoor	10	Primary	<0.14	<0.069	<0.14	<0.24	<0.69	<0.19	<0.044
379 N. Whisman Rd.	379AMB4	10/02/2003	On	Indoor	10	Primary	<0.15	<0.072	<0.14	<0.25	<0.72	<0.20	<0.046
379 N. Whisman Rd.	379AMB4	10/07/2003	On	Indoor	10	Primary	<0.14	<0.070	<0.14	0.59	<0.70	<0.19	<0.045
379 N. Whisman Rd.	379AMB4	09/09/2010	On	Indoor	10	Primary	<0.020	<0.020	0.016 J	0.10 J	<0.056	0.65	<0.013
379 N. Whisman Rd.	379AMB4	11/21/2012	On	Indoor	8	Primary	<0.14	<0.068	<0.14	0.097	<0.68	0.64	<0.044
379 N. Whisman Rd.	379AMB4	12/29/2012	On	Indoor	8	Primary	<0.081	<0.079	<0.079	0.71	<0.079	1.7	<0.051
379 N. Whisman Rd.	379AMB4	01/22/2013	On	Indoor	8	Primary	<0.14	<0.068	<0.14	<0.23	<0.68	0.20	<0.044
379 N. Whisman Rd.	379AMB4	07/02/2014	On	Indoor	8	Primary	<0.14	<0.066	<0.13	<0.23	<0.66	<0.18	<0.043
379 N. Whisman Rd.	379AMB5	09/09/2010	On	Indoor	10	Primary	<0.020	<0.020	0.019 J	0.075 J	<0.055	0.53	<0.013
379 N. Whisman Rd.	379AMB6	11/21/2012	On	Indoor	8	Primary	<0.13	<0.065	<0.13	0.11	<0.65	**7.8**	<0.042
379 N. Whisman Rd.	379AMB6	12/29/2012	On	Indoor	8	Primary	<0.081	<0.079	<0.079	1.2	<0.079	**7.5**	<0.051
379 N. Whisman Rd.	DUP-1*	12/29/2012	On	Indoor	8	Duplicate	<0.081	<0.079	<0.079	1.4	<0.079	**7.7**	<0.051
379 N. Whisman Rd.	379AMB6	01/22/2013	On	Indoor	8	Primary	<0.15	<0.072	<0.14	<0.25	<0.72	<0.20	<0.047
379 N. Whisman Rd.	DUP-1*	01/22/2013	On	Indoor	8	Duplicate	<0.13	<0.065	<0.13	<0.22	<0.65	<0.18	<0.042
379 N. Whisman Rd.	379AMB6	07/02/2014	On	Indoor	8	Primary	<0.14	<0.067	<0.13	<0.23	<0.67	<0.18	<0.043
379 N. Whisman Rd.	DUP-1*	07/02/2014	On	Indoor	8	Duplicate	<0.12	<0.058	<0.12	<0.20	<0.58	<0.16	<0.037
379 N. Whisman Rd.	379HVAC1	05/06/2003	On	Outdoor	10	Primary	<0.14	<0.069	<0.14	<0.24	<0.69	<0.19	<0.044
379 N. Whisman Rd.	379HVAC1	05/13/2003	On	Outdoor	10	Primary	<0.14	<0.068	<0.14	<0.23	<0.68	<0.18	<0.044
379 N. Whisman Rd.	379HVAC1	11/21/2012	On	Outdoor	8	Primary	<0.14	<0.067	<0.13	<0.034	<0.67	0.038	<0.043
379 N. Whisman Rd.	379HVAC2	05/06/2003	On	Outdoor	10	Primary	<0.13	<0.065	<0.13	<0.22	<0.65	<0.18	<0.042
379 N. Whisman Rd.	379HVAC2	05/13/2003	On	Outdoor	10	Primary	<0.14	<0.068	<0.14	<0.23	<0.68	<0.18	<0.044
379 N. Whisman Rd.	379HVAC2	10/02/2003	On	Outdoor	10	Primary	<0.14	<0.069	<0.14	<0.24	<0.69	<0.19	<0.044
379 N. Whisman Rd.	379HVAC2	10/07/2003	On	Outdoor	10	Primary	<0.14	<0.070	<0.14	0.64	<0.70	<0.19	<0.045
379 N. Whisman Rd.	379HVAC2*	10/07/2003	On	Outdoor	10	Duplicate	<0.14	<0.069	<0.14	0.72	<0.69	<0.19	<0.044
379 N. Whisman Rd.	379HVAC2	12/29/2012	On	Outdoor	8	Primary	<0.081	<0.079	<0.079	1.1	<0.079	<0.11	<0.051
379 N. Whisman Rd.	379HVAC2	01/22/2013	On	Outdoor	8	Primary	<0.13	<0.065	<0.13	<0.22	<0.65	<0.18	<0.042
379 N. Whisman Rd.	379HVAC2	07/02/2014	On	Outdoor	8	Primary	<0.14	<0.070	<0.14	<0.24	<0.70	<0.19	<0.046

TABLE 1

PREVIOUS AIR SAMPLING RESULTS
BUILDINGS LOCATED ON FORMER FAIRCHILD PROPERTIES, VAPOR INTRUSION STUDY AREA
MOUNTAIN VIEW, CALIFORNIA

Building	Location / Sample ID	Sample Date	Ventilation Status	Sample Purpose	Sample Duration (hours)	Sample Type	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	trans-1,2-DCE	TCE	Vinyl chloride
Site-Specific EPA Commercial Indoor Air Cleanup Level							6	700	210	2	210	5	2
HVAC On													
379 N. Whisman Rd.	379OUT1	07/22/2010	On	Outdoor	10	Primary	<0.020	<0.020	0.011 J	0.054 J	<0.055	0.046	<0.013
379 N. Whisman Rd.	379OUT1	09/08/2010	On	Outdoor	24	Primary	<0.020	<0.020	0.015 J	0.062 J	<0.055	0.077	<0.013
379 N. Whisman Rd.	379PATH1	05/06/2003	On	Pathway	10	Primary	<0.14	<0.069	<0.14	<0.24	<0.69	<0.19	<0.044
379 N. Whisman Rd.	379PATH1	05/13/2003	On	Pathway	10	Primary	<0.13	<0.062	<0.12	0.26	<0.62	<0.17	<0.040
HVAC Off													
379 N. Whisman Rd.	379AMB1	07/23/2010	Off	Indoor	10	Primary	0.045	0.054	0.038 J	0.36	<0.055	**9.5**	<0.013
379 N. Whisman Rd.	379AMB1	09/11/2010	Off	Indoor	10	Primary	0.018 J	0.011 J	0.056	0.16	<0.055	3.1	<0.013
379 N. Whisman Rd.	379AMB1	01/28/2011	Off	Indoor	10	Primary	0.019 J	0.020	0.029 J	0.26	<0.055	4.1	<0.013
379 N. Whisman Rd.	379AMB1	11/23/2012	Off	Indoor	8	Primary	<0.13	0.24	<0.13	0.25	<0.64	**23**	<0.041
379 N. Whisman Rd.	379AMB1	01/01/2013	Off	Indoor	8	Primary	<0.081	0.31	<0.079	0.26	<0.079	**20**	<0.051
379 N. Whisman Rd.	379AMB1	07/05/2014	Off	Indoor	8	Primary	<0.13	<0.065	<0.13	<0.22	<0.65	0.20	<0.042
379 N. Whisman Rd.	379AMB2	07/23/2010	Off	Indoor	10	Primary	0.039	0.045	0.032 J	0.33	<0.055	**7.6**	<0.013
379 N. Whisman Rd.	379AMB2	09/11/2010	Off	Indoor	10	Primary	0.021	0.017 J	0.053 J	0.19	<0.055	3.6	<0.013
379 N. Whisman Rd.	379AMB2	01/28/2011	Off	Indoor	10	Primary	<0.020	<0.020	<0.055	0.25	<0.055	2.9	<0.013
379 N. Whisman Rd.	379AMB2	11/23/2012	Off	Indoor	8	Primary	<0.14	0.19	<0.13	0.22	<0.67	**14**	<0.043
379 N. Whisman Rd.	379AMB2	01/01/2013	Off	Indoor	8	Primary	<0.081	0.33	<0.079	0.27	<0.079	**14**	<0.051
379 N. Whisman Rd.	379AMB2	07/05/2014	Off	Indoor	8	Primary	<0.13	<0.064	<0.13	<0.22	<0.64	0.19	<0.041
379 N. Whisman Rd.	379AMB3	07/23/2010	Off	Indoor	10	Primary	<0.020	0.039	0.020 J	0.38	<0.055	4.6	0.0056 J
379 N. Whisman Rd.	379AMB3	09/11/2010	Off	Indoor	10	Primary	0.015 J	0.015 J	0.042 J	0.22	<0.055	2.9	<0.013
379 N. Whisman Rd.	379AMB3	01/28/2011	Off	Indoor	10	Primary	0.012 J	0.023	0.017 J	0.22	<0.055	1.8	0.0060 J
379 N. Whisman Rd.	379AMB3	11/23/2012	Off	Indoor	8	Primary	<0.13	0.27	<0.12	0.30	<0.63	**9.6**	<0.040
379 N. Whisman Rd.	379AMB3	01/01/2013	Off	Indoor	8	Primary	0.11	0.59	<0.079	0.41	<0.079	**13**	<0.051
379 N. Whisman Rd.	379AMB3	07/05/2014	Off	Indoor	8	Primary	<0.14	<0.067	<0.13	<0.23	<0.67	<0.18	<0.043
379 N. Whisman Rd.	379AMB4	07/23/2010	Off	Indoor	10	Primary	0.038	0.068	0.032 J	0.53	<0.055	**7.5**	0.0072 J
379 N. Whisman Rd.	379AMB4	09/11/2010	Off	Indoor	10	Primary	<0.020	<0.020	0.011 J	0.21	<0.055	0.67	<0.013
379 N. Whisman Rd.	379AMB4	01/28/2011	Off	Indoor	10	Primary	0.017 J	0.042	<0.055	0.20	<0.055	2.3	<0.013
379 N. Whisman Rd.	379AMB4	11/23/2012	Off	Indoor	8	Primary	<0.14	0.26	<0.14	0.29	<0.69	**12**	<0.045
379 N. Whisman Rd.	379AMB4	01/01/2013	Off	Indoor	8	Primary	0.098	0.5	<0.079	0.39	<0.079	**14**	<0.051
379 N. Whisman Rd.	379AMB4	07/05/2014	Off	Indoor	8	Primary	<0.14	<0.066	<0.13	<0.23	<0.66	<0.18	<0.043
379 N. Whisman Rd.	379AMB5	07/23/2010	Off	Indoor	10	Primary	0.039	0.044	0.034 J	0.35	<0.055	**9.2**	0.0091 J
379 N. Whisman Rd.	379AMB5	09/11/2010	Off	Indoor	10	Primary	0.024	0.017 J	0.058	0.18	<0.055	3.8	<0.013
379 N. Whisman Rd.	379AMB5	01/28/2011	Off	Indoor	10	Primary	<0.020	0.029	0.018 J	0.30	<0.055	3.9	0.0063 J
379 N. Whisman Rd.	379AMB6	11/23/2012	Off	Indoor	8	Primary	<0.11	0.84	0.51	0.67	<0.54	**130**	<0.035
379 N. Whisman Rd.	379AMB6	01/01/2013	Off	Indoor	8	Primary	<0.081	0.9	0.44	0.65	0.21	**110**	<0.051
379 N. Whisman Rd.	DUP-1*	01/01/2013	Off	Indoor	8	Duplicate	<0.081	0.93	0.45	0.63	0.21	**120**	<0.051
379 N. Whisman Rd.	379AMB6	07/05/2014	Off	Indoor	8	Primary	<0.13	<0.064	<0.13	<0.22	<0.64	<0.17	<0.041
379 N. Whisman Rd.	DUP-1*	07/05/2014	Off	Indoor	8	Duplicate	<0.13	<0.065	<0.13	<0.22	<0.65	<0.18	<0.042

TABLE 1

PREVIOUS AIR SAMPLING RESULTS
BUILDINGS LOCATED ON FORMER FAIRCHILD PROPERTIES, VAPOR INTRUSION STUDY AREA
MOUNTAIN VIEW, CALIFORNIA

Building	Location / Sample ID	Sample Date	Ventilation Status	Sample Purpose	Sample Duration (hours)	Sample Type	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	trans-1,2-DCE	TCE	Vinyl chloride
Site-Specific EPA Commercial Indoor Air Cleanup Level							6	700	210	2	210	5	2
HVAC Off													
379 N. Whisman Rd.	379OUT1	07/22/2010	Off	Outdoor	24	Primary	<0.020	<0.020	0.011 J	0.054 J	<0.055	0.046	<0.013
379 N. Whisman Rd.	379OUT1	09/11/2010	Off	Outdoor	24	Primary	<0.020	<0.020	0.019 J	0.071 J	<0.055	0.29	<0.013
379 N. Whisman Rd.	379OUT1	01/28/2011	Off	Outdoor	24	Primary	<0.020	<0.020	<0.055	0.12 J	<0.055	0.028	<0.013
HVAC On													
389 N. Whisman Rd.	389AMB1	5/6/2003	On	Indoor	10	Primary	<0.14	<0.069	<0.14	<0.24	<0.69	<0.19	<0.044
389 N. Whisman Rd.	389AMB1	5/13/2003	On	Indoor	10	Primary	<0.13	<0.066	<0.13	<0.23	<0.66	<0.18	<0.043
389 N. Whisman Rd.	389AMB1	10/2/2003	On	Indoor	10	Primary	<0.15	<0.074	<0.15	<0.25	<0.74	<0.2	<0.048
389 N. Whisman Rd.	389AMB1	10/7/2003	On	Indoor	10	Primary	<0.14	<0.069	<0.14	0.39	<0.69	<0.19	<0.044
389 N. Whisman Rd.	389AMB1	7/2/2010	On	Indoor	10	Primary	<0.02	<0.02	0.014 J	0.41	<0.055	1.1	0.016
389 N. Whisman Rd.	389AMB1	11/21/2012	On	Indoor	8	Primary	<0.13	<0.065	<0.13	0.074	<0.65	0.1	<0.042
389 N. Whisman Rd.	389AMB1	8/29/2014	On	Indoor	8	Primary	<0.13	<0.062	<0.12	<0.21	<0.62	<0.17	<0.040
389 N. Whisman Rd.	389AMB2	5/6/2003	On	Indoor	10	Primary	<0.14	<0.069	<0.14	<0.24	<0.69	<0.19	<0.044
389 N. Whisman Rd.	389AMB2	5/13/2003	On	Indoor	10	Primary	<0.13	<0.066	<0.13	<0.23	<0.66	<0.18	<0.043
389 N. Whisman Rd.	389AMB2	10/2/2003	On	Indoor	10	Primary	<0.14	<0.068	<0.14	<0.23	<0.68	<0.18	<0.044
389 N. Whisman Rd.	389AMB2	10/7/2003	On	Indoor	10	Primary	<0.14	<0.069	0.73	7.9	<0.69	2.1	<0.044
389 N. Whisman Rd.	389AMB2	7/2/2010	On	Indoor	10	Primary	<0.02	<0.02	0.016 J	0.47	<0.055	1.2	0.014
389 N. Whisman Rd.	389AMB2	11/21/2012	On	Indoor	8	Primary	<0.13	<0.063	<0.12	0.072	<0.63	0.11	<0.04
389 N. Whisman Rd.	389AMB2	8/29/2014	On	Indoor	8	Primary	<0.14	<0.066	<0.13	<0.23	<0.66	<0.18	<0.043
389 N. Whisman Rd.	389AMB3	5/6/2003	On	Indoor	10	Primary	<0.14	<0.068	<0.14	<0.23	<0.68	<0.18	<0.044
389 N. Whisman Rd.	389AMB3	5/13/2003	On	Indoor	10	Primary	<0.14	<0.069	<0.14	<0.24	<0.69	<0.19	<0.044
389 N. Whisman Rd.	389AMB3	10/2/2003	On	Indoor	10	Primary	<0.14	<0.068	<0.14	<0.23	<0.68	<0.18	<0.044
389 N. Whisman Rd.	389AMB3*	10/2/2003	On	Indoor	10	Duplicate	<0.14	<0.068	<0.14	<0.23	<0.68	<0.18	<0.044
389 N. Whisman Rd.	389AMB3	10/7/2003	On	Indoor	10	Primary	<0.14	<0.069	<0.14	0.41	<0.69	<0.19	<0.044
389 N. Whisman Rd.	389AMB3	7/2/2010	On	Indoor	10	Primary	<0.02	<0.02	0.025 J	0.29	<0.055	2.3	0.015
389 N. Whisman Rd.	389AMB3	11/21/2012	On	Indoor	8	Primary	<0.13	<0.064	<0.13	0.097	<0.64	0.18	<0.041
389 N. Whisman Rd.	389AMB3	8/29/2014	On	Indoor	8	Primary	<0.13	<0.065	<0.13	<0.22	<0.65	<0.18	<0.042
389 N. Whisman Rd.	389AMB4	5/6/2003	On	Indoor	10	Primary	<0.14	<0.068	<0.14	<0.23	<0.68	<0.18	<0.044
389 N. Whisman Rd.	389AMB4	5/13/2003	On	Indoor	10	Primary	<0.14	<0.068	<0.14	<0.23	<0.68	<0.18	<0.044
389 N. Whisman Rd.	389AMB4	10/2/2003	On	Indoor	10	Primary	<0.14	<0.068	<0.14	<0.23	<0.68	<0.18	<0.044
389 N. Whisman Rd.	389AMB4	10/7/2003	On	Indoor	10	Primary	<0.14	<0.069	<0.14	0.5	<0.69	<0.19	<0.044
389 N. Whisman Rd.	389AMB4	7/2/2010	On	Indoor	10	Primary	<0.02	<0.02	0.023 J	0.26	<0.055	2.3	0.0063 J
389 N. Whisman Rd.	389AMB4	11/21/2012	On	Indoor	8	Primary	<0.13	<0.064	<0.13	0.086	<0.64	0.15	<0.041
389 N. Whisman Rd.	389AMB4	8/29/2014	On	Indoor	8	Primary	<0.13	<0.065	<0.13	<0.22	<0.65	<0.18	<0.042
389 N. Whisman Rd.	389AMB5	7/2/2010	On	Indoor	10	Primary	<0.02	<0.02	0.021 J	0.27	<0.055	2.4	0.016
389 N. Whisman Rd.	389AMB6	11/21/2012	On	Indoor	8	Primary	<0.13	<0.064	<0.13	0.1	<0.64	0.26	<0.041
389 N. Whisman Rd.	389AMB6	11/23/2012	On	Indoor	8	Primary	<0.13	<0.064	<0.13	0.079	<0.64	1.8	<0.041
389 N. Whisman Rd.	389AMB6	8/29/2014	On	Indoor	8	Primary	<0.13	<0.066	<0.13	<0.22	<0.66	<0.18	<0.042
389 N. Whisman Rd.	DUP-1*	8/29/2014	On	Indoor	8	Duplicate	<0.13	<0.063	<0.13	<0.22	<0.63	<0.17	<0.041

TABLE 1

PREVIOUS AIR SAMPLING RESULTS
BUILDINGS LOCATED ON FORMER FAIRCHILD PROPERTIES, VAPOR INTRUSION STUDY AREA
MOUNTAIN VIEW, CALIFORNIA

Building	Location / Sample ID	Sample Date	Ventilation Status	Sample Purpose	Sample Duration (hours)	Sample Type	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	trans-1,2-DCE	TCE	Vinyl chloride
Site-Specific EPA Commercial Indoor Air Cleanup Level							6	700	210	2	210	5	2
HVAC On													
389 N. Whisman Rd.	389HVAC1	5/6/2003	On	Outdoor	10	Primary	<0.14	<0.068	<0.14	<0.23	<0.68	<0.18	<0.044
389 N. Whisman Rd.	389HVAC1*	5/6/2003	On	Outdoor	10	Duplicate	<0.14	<0.068	<0.14	<0.23	<0.68	<0.18	<0.044
389 N. Whisman Rd.	389HVAC1	5/13/2003	On	Outdoor	10	Primary	<0.14	<0.069	<0.14	<0.24	<0.69	<0.19	<0.044
389 N. Whisman Rd.	389HVAC1	11/21/2012	On	Outdoor	8	Primary	<0.13	<0.065	<0.13	<0.033	<0.65	<0.026	<0.042
389 N. Whisman Rd.	389HVAC1	8/29/2014	On	Outdoor	8	Primary	<0.14	<0.069	<0.14	<0.24	<0.69	<0.19	<0.045
389 N. Whisman Rd.	389HVAC2	5/6/2003	On	Outdoor	10	Primary	<0.13	<0.062	<0.12	<0.21	<0.62	<0.17	<0.04
389 N. Whisman Rd.	389HVAC2	5/13/2003	On	Outdoor	10	Primary	<0.14	<0.07	<0.14	<0.24	<0.7	<0.19	<0.045
389 N. Whisman Rd.	389OUT1	7/1/2010	On	Outdoor	24	Primary	<0.02	<0.02	<0.055	0.041 J	<0.055	0.037	0.0061 J
389 N. Whisman Rd.	389PATH1	5/6/2003	On	Pathway	10	Primary	<0.13	<0.062	<0.12	<0.21	<0.62	<0.17	<0.04
389 N. Whisman Rd.	389PATH1	5/13/2003	On	Pathway	10	Primary	<0.13	<0.065	<0.13	<0.22	<0.65	<0.18	<0.042
HVAC Off													
389 N. Whisman Rd.	389AMB1	11/23/2012	Off	Indoor	8	Primary	<0.13	<0.064	<0.13	0.077	<0.64	0.6	<0.041
389 N. Whisman Rd.	389AMB1	8/31/2014	Off	Indoor	8	Primary	<0.14	<0.068	<0.14	<0.23	<0.68	<0.18	<0.044
389 N. Whisman Rd.	389AMB2	11/23/2012	Off	Indoor	8	Primary	<0.13	<0.064	<0.13	0.082	<0.64	0.87	<0.041
389 N. Whisman Rd.	389AMB2	8/31/2014	Off	Indoor	8	Primary	<0.13	<0.064	<0.13	<0.22	<0.64	0.69	<0.041
389 N. Whisman Rd.	389AMB3	11/23/2012	Off	Indoor	8	Primary	<0.13	<0.064	<0.13	0.084	<0.64	1.1	<0.041
389 N. Whisman Rd.	389AMB3	8/31/2014	Off	Indoor	8	Primary	<0.13	<0.065	<0.13	<0.22	<0.65	0.54	<0.042
389 N. Whisman Rd.	389AMB4	11/23/2012	Off	Indoor	8	Primary	<0.13	<0.064	<0.13	0.083	<0.64	1.2	<0.041
389 N. Whisman Rd.	389AMB4	8/31/2014	Off	Indoor	8	Primary	<0.13	<0.064	<0.13	<0.22	<0.64	0.58	<0.041
389 N. Whisman Rd.	389AMB6	8/31/2014	Off	Indoor	8	Primary	<0.13	<0.065	<0.13	<0.22	<0.65	0.72	<0.042
389 N. Whisman Rd.	369-399OUT1	11/23/2012	Off	Outdoor	8	Primary	<0.13	<0.064	<0.13	0.054	<0.64	<0.026	<0.041
389 N. Whisman Rd.	389/399OUT1	8/31/2014	Off	Outdoor	8	Primary	<0.13	<0.066	<0.13	<0.22	<0.66	<0.18	<0.042
HVAC On													
399 N. Whisman Rd.	399AMB1	5/6/2003	On	Indoor	10	Primary	<0.14	<0.069	<0.14	<0.24	<0.69	<0.19	<0.044
399 N. Whisman Rd.	399AMB1	5/13/2003	On	Indoor	10	Primary	<0.13	<0.064	<0.13	<0.22	<0.64	<0.17	<0.041
399 N. Whisman Rd.	399AMB1	10/2/2003	On	Indoor	10	Primary	<0.13	<0.064	<0.13	<0.22	<0.64	<0.17	<0.041
399 N. Whisman Rd.	399AMB1	10/7/2003	On	Indoor	10	Primary	<0.14	<0.068	<0.14	0.44	<0.68	<0.18	<0.044
399 N. Whisman Rd.	399AMB1	11/21/2012	On	Indoor	8	Primary	<0.14	<0.067	<0.13	0.074	<0.67	0.039	<0.043
399 N. Whisman Rd.	399AMB1	8/29/2014	On	Indoor	8	Primary	<0.13	<0.064	<0.13	<0.22	<0.64	<0.17	<0.041
399 N. Whisman Rd.	399AMB2	5/6/2003	On	Indoor	10	Primary	<0.14	<0.069	<0.14	<0.24	<0.69	<0.19	<0.044
399 N. Whisman Rd.	399AMB2	5/13/2003	On	Indoor	10	Primary	<0.14	<0.069	<0.14	<0.24	<0.69	<0.19	<0.044
399 N. Whisman Rd.	399AMB2	10/2/2003	On	Indoor	10	Primary	<0.14	<0.07	<0.14	<0.24	<0.7	<0.19	<0.045
399 N. Whisman Rd.	399AMB2	10/7/2003	On	Indoor	10	Primary	<0.14	<0.068	<0.14	0.43	<0.68	<0.18	<0.044
399 N. Whisman Rd.	399AMB2	11/21/2012	On	Indoor	8	Primary	<0.14	<0.067	<0.13	0.1	<0.67	0.045	<0.043
399 N. Whisman Rd.	399AMB2	8/29/2014	On	Indoor	8	Primary	<0.13	<0.063	<0.13	<0.22	<0.63	<0.17	<0.041

TABLE 1

PREVIOUS AIR SAMPLING RESULTS
BUILDINGS LOCATED ON FORMER FAIRCHILD PROPERTIES, VAPOR INTRUSION STUDY AREA
MOUNTAIN VIEW, CALIFORNIA

Building	Location / Sample ID	Sample Date	Ventilation Status	Sample Purpose	Sample Duration (hours)	Sample Type	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	trans-1,2-DCE	TCE	Vinyl chloride
Site-Specific EPA Commercial Indoor Air Cleanup Level							6	700	210	2	210	5	2
HVAC On													
399 N. Whisman Rd.	399AMB3	5/6/2003	On	Indoor	10	Primary	<0.13	<0.062	<0.12	<0.21	<0.62	<0.17	<0.04
399 N. Whisman Rd.	399AMB3	5/13/2003	On	Indoor	10	Primary	<0.14	<0.068	<0.14	<0.23	<0.68	<0.18	<0.044
399 N. Whisman Rd.	399AMB3	10/2/2003	On	Indoor	10	Primary	<0.14	<0.069	<0.14	<0.24	<0.69	<0.19	<0.044
399 N. Whisman Rd.	399AMB3*	10/2/2003	On	Indoor	10	Duplicate	<0.14	<0.068	<0.14	<0.23	<0.68	<0.18	<0.044
399 N. Whisman Rd.	399AMB3	10/7/2003	On	Indoor	10	Primary	<0.14	<0.069	<0.14	0.53	<0.69	<0.19	<0.044
399 N. Whisman Rd.	399AMB3	11/21/2012	On	Indoor	8	Primary	<0.16	<0.078	<0.16	0.073	<0.78	0.048	<0.05
399 N. Whisman Rd.	399AMB3	8/29/2014	On	Indoor	8	Primary	<0.13	<0.064	<0.13	<0.22	<0.64	<0.17	<0.041
399 N. Whisman Rd.	399AMB4	5/6/2003	On	Indoor	10	Primary	<0.14	<0.068	<0.14	8.9	<0.68	<0.18	<0.044
399 N. Whisman Rd.	399AMB4	5/13/2003	On	Indoor	10	Primary	<0.13	<0.065	<0.13	<0.22	<0.65	<0.18	<0.042
399 N. Whisman Rd.	399AMB4	10/2/2003	On	Indoor	10	Primary	<0.13	<0.066	<0.13	<0.23	<0.66	<0.18	<0.043
399 N. Whisman Rd.	399AMB4	10/7/2003	On	Indoor	10	Primary	<0.14	<0.069	<0.14	0.51	<0.69	<0.19	<0.044
399 N. Whisman Rd.	399AMB4	11/21/2012	On	Indoor	8	Primary	<0.14	<0.068	<0.14	0.082	<0.68	0.061	<0.044
399 N. Whisman Rd.	399AMB4	8/29/2014	On	Indoor	8	Primary	<0.13	<0.063	<0.13	<0.22	<0.63	<0.17	<0.041
399 N. Whisman Rd.	399AMB5	11/21/2012	On	Indoor	8	Primary	<0.14	<0.067	<0.13	0.092	<0.67	0.045	<0.043
399 N. Whisman Rd.	399AMB5	8/29/2014	On	Indoor	8	Primary	<0.13	<0.063	<0.12	<0.21	<0.63	<0.17	<0.040
399 N. Whisman Rd.	399HVAC1	5/6/2003	On	Outdoor	10	Primary	<0.13	<0.062	<0.12	<0.21	<0.62	<0.17	<0.04
399 N. Whisman Rd.	399HVAC1	5/13/2003	On	Outdoor	10	Primary	<0.14	<0.069	<0.14	<0.24	<0.69	<0.19	<0.044
399 N. Whisman Rd.	399HVAC2	5/6/2003	On	Outdoor	10	Primary	<0.14	<0.068	<0.14	<0.23	<0.68	<0.18	<0.044
399 N. Whisman Rd.	399HVAC2	5/13/2003	On	Outdoor	10	Primary	<0.13	<0.065	<0.13	0.29	<0.65	<0.18	<0.042
399 N. Whisman Rd.	399HVAC2	10/2/2003	On	Outdoor	10	Primary	<0.15	<0.074	<0.15	<0.25	<0.74	<0.2	<0.048
399 N. Whisman Rd.	399HVAC2	10/7/2003	On	Outdoor	10	Primary	<0.15	<0.072	<0.14	0.54	<0.72	<0.2	<0.046
399 N. Whisman Rd.	399HVAC2	8/29/2014	On	Outdoor	8	Primary	<0.13	<0.063	<0.13	<0.22	<0.63	<0.17	<0.041
399 N. Whisman Rd.	399PATH1	5/6/2003	On	Pathway	10	Primary	<0.12	<0.06	<0.12	<0.2	<0.6	<0.16	<0.039
399 N. Whisman Rd.	399PATH1	5/13/2003	On	Pathway	10	Primary	<0.13	<0.066	<0.13	0.24	<0.66	<0.18	<0.043
399 N. Whisman Rd.	399PATH1*	5/13/2003	On	Pathway	10	Duplicate	<0.14	<0.069	<0.14	<0.24	<0.69	<0.19	<0.044
HVAC Off													
399 N. Whisman Rd.	399AMB1	2/21/2010	Off	Indoor	10	Primary	<0.032	<0.04	<0.056	0.055 J	<0.056	0.051	<0.018
399 N. Whisman Rd.	399AMB1	6/23/2010	Off	Indoor	10	Primary	<0.02	<0.02	<0.056	0.074 J	<0.056	0.02 J	<0.013
399 N. Whisman Rd.	399AMB1	11/23/2012	Off	Indoor	8	Primary	<0.13	<0.064	<0.13	0.085	<0.64	0.32	<0.041
399 N. Whisman Rd.	399AMB1	8/31/2014	Off	Indoor	8	Primary	<0.13	<0.063	<0.13	<0.22	<0.63	0.18	<0.041
399 N. Whisman Rd.	399AMB2	2/21/2010	Off	Indoor	10	Primary	<0.032	<0.04	<0.055	0.063 J	<0.055	0.054	<0.018
399 N. Whisman Rd.	399AMB2	6/23/2010	Off	Indoor	10	Primary	<0.02	<0.02	<0.055	0.071 J	<0.055	0.023 J	<0.013
399 N. Whisman Rd.	399AMB2	11/23/2012	Off	Indoor	8	Primary	<0.13	<0.064	<0.13	0.08	<0.64	0.21	<0.041
399 N. Whisman Rd.	399AMB2	8/31/2014	Off	Indoor	8	Primary	<0.14	<0.066	<0.13	<0.23	<0.66	<0.18	<0.043
399 N. Whisman Rd.	399AMB3	2/21/2010	Off	Indoor	10	Primary	<0.032	<0.04	<0.055	0.049 J	<0.055	0.061	<0.018
399 N. Whisman Rd.	399AMB3	6/23/2010	Off	Indoor	10	Primary	<0.02	<0.02	<0.055	0.089 J	<0.055	<0.027	<0.013
399 N. Whisman Rd.	399AMB3	11/23/2012	Off	Indoor	8	Primary	<0.13	<0.064	<0.13	0.094	<0.64	0.82	<0.041
399 N. Whisman Rd.	399AMB3	8/31/2014	Off	Indoor	8	Primary	<0.13	<0.065	<0.13	<0.22	<0.65	0.36	<0.042

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Building	Location / Sample ID	Sample Date	Ventilation Status	Sample Purpose	Sample Duration (hours)	Sample Type	1,1-DCA	1,1-DCE	cis-1,2-DCE	PCE	trans-1,2-DCE	TCE	Vinyl chloride
Site-Specific EPA Commercial Indoor Air Cleanup Level							6	700	210	2	210	5	2
HVAC Off													
399 N. Whisman Rd.	399AMB4	2/21/2010	Off	Indoor	10	Primary	<0.032	<0.04	<0.055	0.064 J	<0.055	0.11	<0.018
399 N. Whisman Rd.	399AMB4*	2/21/2010	Off	Indoor	10	Duplicate	<0.032	<0.04	<0.055	0.063 J	<0.055	0.094	<0.018
399 N. Whisman Rd.	399AMB4	6/23/2010	Off	Indoor	10	Primary	<0.02	<0.02	<0.055	0.12 J	<0.055	0.029	<0.013
399 N. Whisman Rd.	399AMB4	11/23/2012	Off	Indoor	8	Primary	<0.13	<0.065	<0.13	0.084	<0.65	0.23	<0.042
399 N. Whisman Rd.	399AMB4	8/31/2014	Off	Indoor	8	Primary	<0.13	<0.063	<0.13	<0.22	<0.63	<0.17	<0.041
399 N. Whisman Rd.	399AMB5	2/21/2010	Off	Indoor	10	Primary	<0.032	<0.04	<0.056	0.056 J	<0.056	0.051	<0.018
399 N. Whisman Rd.	399AMB5	6/23/2010	Off	Indoor	10	Primary	<0.02	<0.02	<0.055	0.074 J	<0.055	0.026 J	0.0067 J
399 N. Whisman Rd.	399AMB5	11/23/2012	Off	Indoor	8	Primary	<0.13	<0.065	<0.13	0.082	<0.65	0.21	<0.042
399 N. Whisman Rd.	399AMB5	8/31/2014	Off	Indoor	8	Primary	<0.13	<0.063	<0.13	<0.22	<0.63	<0.17	<0.041
399 N. Whisman Rd.	DUP-1*	8/31/2014	Off	Indoor	8	Duplicate	<0.13	<0.063	<0.13	<0.22	<0.63	<0.17	<0.041
399 N. Whisman Rd.	399HVAC2	6/22/2010	Off	Outdoor	24	Primary	<0.02	<0.02	<0.055	0.04 J	<0.055	0.013 J	0.0082 J
399 N. Whisman Rd.	399OUT1	2/20/2010	Off	Outdoor	24	Primary	<0.032	<0.04	<0.055	0.039 J	<0.055	0.045	<0.018

Notes:

All units are micrograms per cubic meter ($\mu g/m^3$).

* - denotes duplicate co-located sample

J - estimated result

<0.020 - denotes result was below respective reporting limit

Bold denotes levels above the Site-Specific EPA Commercial Indoor Air Cleanup Level.

Abbreviations:

1,1-DCA = 1,1-dichloroethane

1,1-DCE = 1,1-dichloroethene

cis-1,2-DCE = cis-1,2-dichloroethene

trans-1,2-DCE = trans-1,2-dichloroethene

PCE = tetrachloroethene

TCE = trichloroethene

TABLE 2
VAPOR INTRUSION WORK SCHEDULE
BUILDINGS LOCATED ON FORMER FAIRCHILD PROPERTIES, VAPOR INTRUSION STUDY AREA
MOUNTAIN VIEW, CALIFORNIA

Building Address	Access Received	Site Walk Performed	Vapor Intrustion Sampling and Analysis Work Plan Submitted	Vapor Intrusion Work Plan Implemented (90 days after EPA approval of Work Plan)	Report Submitted (90 days after completion of sampling)	Tier Designation[1]	Long-Term Monitoring & Management Plan submitted (60 days after EPA notification of Tier 3A designation)	Pilot Test Work Plan Submitted (45 days after EPA notification)	Pilot Test Results Submitted (14 days after completion of Pilot Test)	Remedial/Voluntary Design Sugmitted (60 days after EPA notification or 60 days after submittal of Pilot Test results)	OM&M Plan Submitted (60 days after EPA approval of design)	Initiation of engineered control system construction (90 days after EPA approval of Remedial/Voluntary Design)	Response Action Implementation Report Submitted (60 days after implementation or 60 days after EPA notification)
North Whisman Road													
369 N. Whisman Rd.	10/29/2012	11/7/2012	11/19/2012; Approved 11/19/2012	11/21/2012, 11/23/2012, 12/29/2012, 1/1/2013, 1/22/2013	2/22/2013	Tier 2 (TBP)	N/A	3/1/2013; Verbal approval 3/7/2013; Conditional written approval 3/25/2013	5/6/2013; Revision submitted 6/6/2013	7/3/2013; Conditional written approval 8/23/2013; Design Report Addendum #1 submitted 9/13/2013; Design Report Addendum #2 submitted 1/9/2014	10/21/2013	11/18/2013	9/3/2014
379 N. Whisman Rd.	10/29/2012	11/7/2012	11/19/2012; Approved 11/19/2012	11/21/2012, 11/23/2012, 12/29/2012, 1/1/2013, 1/22/2013	2/22/2013	Tier 2 (TBP)	N/A	3/1/2013; Verbal approval 3/7/2013; Conditional written approval 3/25/2013	5/6/2013; Revision submitted 6/6/2013	7/3/2013; Conditional written approval 8/23/2013; Design Report Addendum #1 submitted 9/13/2013; Design Report Addendum #2 submitted 1/9/2014	10/21/2013	12/9/2013	9/3/2014
389 N. Whisman Rd.	10/29/2012	11/7/2012	11/19/2012; Approved 11/19/2012	11/21/2012, 11/23/2012	2/22/2013	Tier 3A (TBP)	N/A	3/1/2013; Verbal approval 3/7/2013; Conditional written approval 3/25/2013	5/6/2013; Revision submitted 6/6/2013	Voluntary SSD system design report: 10/18/2013; Conditional written approval 11/27/2013; Design Report Addendum #1 submitted 1/9/2014	1/24/2014 for informational purposes only	12/16/2013	10/29/2014 for informational purposes only
399 N. Whisman Rd.	10/29/2012	11/7/2012	11/19/2012; Approved 11/19/2012	11/21/2012, 11/23/2012	2/22/2013	Tier 3A (TBP)	N/A	3/1/2013; Verbal approval 3/7/2013; Conditional written approval 3/25/2013	5/6/2013; Revision submitted 6/6/2013	Voluntary SSD system design report: 10/18/2013; Conditional written approval 11/27/2013; Design Report Addendum #1 submitted 1/9/2014	1/24/2014 for informational purposes only	12/16/2013	10/29/2014 for informational purposes only
515 N. Whisman Rd.	Planned for future; within 30 days after EPA approval of Site-Wide Tiering Work Plan	Planned for future; within 30 days after EPA approval of Site-Wide Tiering Work Plan	4/16/2003; Supplemental Building-Specific Work Plan to be submitted within 30 days after EPA approval of Site-Wide Tiering Work Plan	9/8/2009; Planned for future, within 60 days after EPA approval of Supplemental Building-Specific Work Plan	11/19/2009; Planned for future, within 90 days after completion of sampling	TBD	--	--	--	--	--	--	--
545 N. Whisman Rd.	Planned for future; within 30 days after EPA approval of Site-Wide Tiering Work Plan	Planned for future; within 30 days after EPA approval of Site-Wide Tiering Work Plan	4/16/2003; Supplemental Building-Specific Work Plan to be submitted within 30 days after EPA approval of Site-Wide Tiering Work Plan	9/8/2009; Planned for future, within 60 days after EPA approval of Supplemental Building-Specific Work Plan	11/19/2009; Planned for future, within 90 days after completion of sampling	TBD	--	--	--	--	--	--	--

TABLE 2
VAPOR INTRUSION WORK SCHEDULE
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MOUNTAIN VIEW, CALIFORNIA

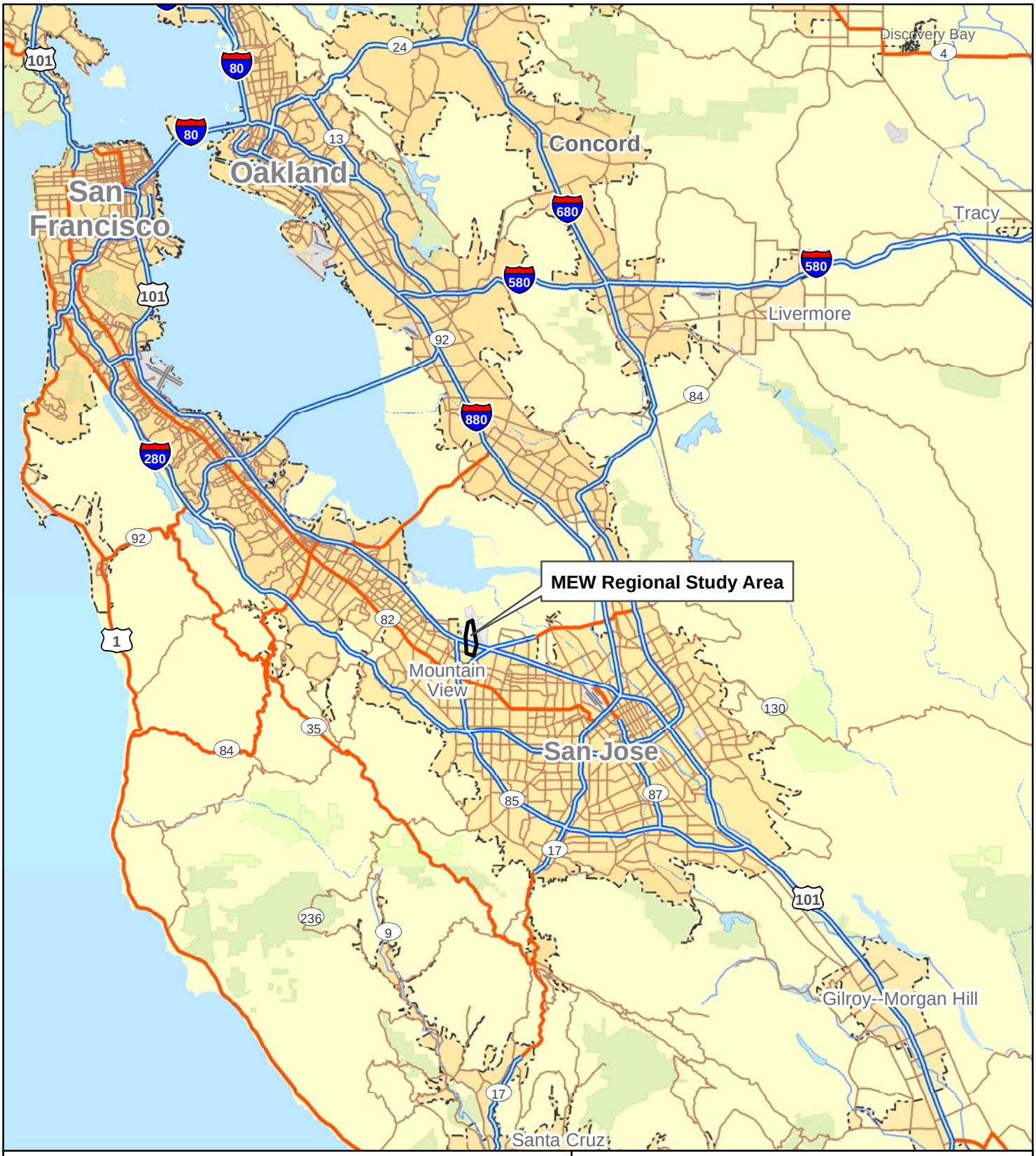
Building Address	Access Received	Site Walk Performed	Vapor Intrustion Sampling and Analysis Work Plan Submitted	Vapor Intrusion Work Plan Implemented (90 days after EPA approval of Work Plan)	Report Submitted (90 days after completion of sampling)	Tier Designation[1]	Long-Term Monitoring & Management Plan submitted (60 days after EPA notification of Tier 3A designation)	Pilot Test Work Plan Submitted (45 days after EPA notification)	Pilot Test Results Submitted (14 days after completion of Pilot Test)	Remedial/Voluntary Design Sugmitted (60 days after EPA notification or 60 days after submittal of Pilot Test results)	OM&M Plan Submitted (60 days after EPA approval of design)	Initiation of engineered control system construction (90 days after EPA approval of Remedial/Voluntary Design)	Response Action Implementation Report Submitted (60 days after implementation or 60 days after EPA notification)
National Avenue													
401 National Ave.	2003	2003	4/16/2003	5/6/2003, 5/13/2003, 6/9/2003, 9/4/2003, 4/1/2004	Planned for future; within 30 days of EPA approval of Site-Wide Tiering Work Plan	Tier A (TBP)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
644 National Ave.	2003	2003	4/16/2003	5/6/2003, 5/13/2003, 6/9/2003, 11/13/2003, 7/1/2004	Planned for future; within 30 days of EPA approval of Site-Wide Tiering Work Plan	Tier A (TBP)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Ellis Street													
464 Ellis St.	4/26/2013	8/26/2013	7/24/2013; Approved 8/26/2013; Revised 8/30/2013	8/27/2013, 8/30/2013	10/29/2013	Tier 3B (TBP)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
466 Ellis St.	4/26/2013	5/1/2013	4/26/2013; Approved 5/1/2013	5/3/2013, 5/6/2013, 5/29/2013, 5/31/2013	73/2013	Tier 3B (TBP)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
468 Ellis St.	10/29/2012	11/7/2012	11/19/2012; Approved 11/19/2012	11/21/2012, 11/23/2012	2/22/2013	Tier 3B (TBP)	N/A	N/A	N/A	N/A	N/A	N/A	N/A

TABLE 2
VAPOR INTRUSION WORK SCHEDULE
BUILDINGS LOCATED ON FORMER FAIRCHILD PROPERTIES, VAPOR INTRUSION STUDY AREA
MOUNTAIN VIEW, CALIFORNIA

Building Address	Access Received	Site Walk Performed	Vapor Intrustion Sampling and Analysis Work Plan Submitted	Vapor Intrusion Work Plan Implemented (90 days after EPA approval of Work Plan)	Report Submitted (90 days after completion of sampling)	Tier Designation[1]	Long-Term Monitoring & Management Plan submitted (60 days after EPA notification of Tier 3A designation)	Pilot Test Work Plan Submitted (45 days after EPA notification)	Pilot Test Results Submitted (14 days after completion of Pilot Test)	Remedial/Voluntary Design Sugmitted (60 days after EPA notification or 60 days after submittal of Pilot Test results)	OM&M Plan Submitted (60 days after EPA approval of design)	Initiation of engineered control system construction (90 days after EPA approval of Remedial/Voluntary Design)	Response Action Implementation Report Submitted (60 days after implementation or 60 days after EPA notification)
Fairchild Drive													
313 Fairchild Dr.	8/24/2012; Renewal of access planned for future; within 30 days after EPA approval of Site-Wide Tiering Work Plan	8/29/2012; Planned for future, within 30 days after EPA approval of Site-Wide Tiering Work Plan	8/30/2012; Approved 8/30/2012; Supplemental Building-Specific Work Plan to be submitted within 30 days of EPA approval of Site-Wide Tiering Work Plan	9/3/2012, 9/6/2012; Planned for future, within 60 days after EPA approval of Supplemental Building-Specific Work Plan	11/1/2012; Planned for future, within 90 days after completion of sampling	TBD	--	--	--	--	--	--	--
323 Fairchild Dr.	8/24/2012; Renewal of access planned for future; within 30 days after EPA approval of Site-Wide Tiering Work Plan	8/29/2012; Planned for future, within 30 days after EPA approval of Site-Wide Tiering Work Plan	8/30/2012; Approved 8/30/2012; Supplemental Building-Specific Work Plan to be submitted within 30 days of EPA approval of Site-Wide Tiering Work Plan	9/3/2012, 9/6/2012; Planned for future, within 60 days after EPA approval of Supplemental Building-Specific Work Plan	11/1/2012; Planned for future, within 90 days after completion of sampling	TBD	--	--	--	--	--	--	--

Notes:
1. Tier designations will be proposed in Building- or Property-Specific Vapor Intrusion Evaluation Reports, to be prepared and submitted upon receipt of EPA approval of the Revised Tiering Work Plan.
N/A = Not Applicable
TBD = To Be Determined
TBP = To Be Proposed
-- = Not applicable at this time but may change based on results of additional sampling to be conducted to assign a building tier.

FIGURES



N

0 10 Miles

Site Location Map

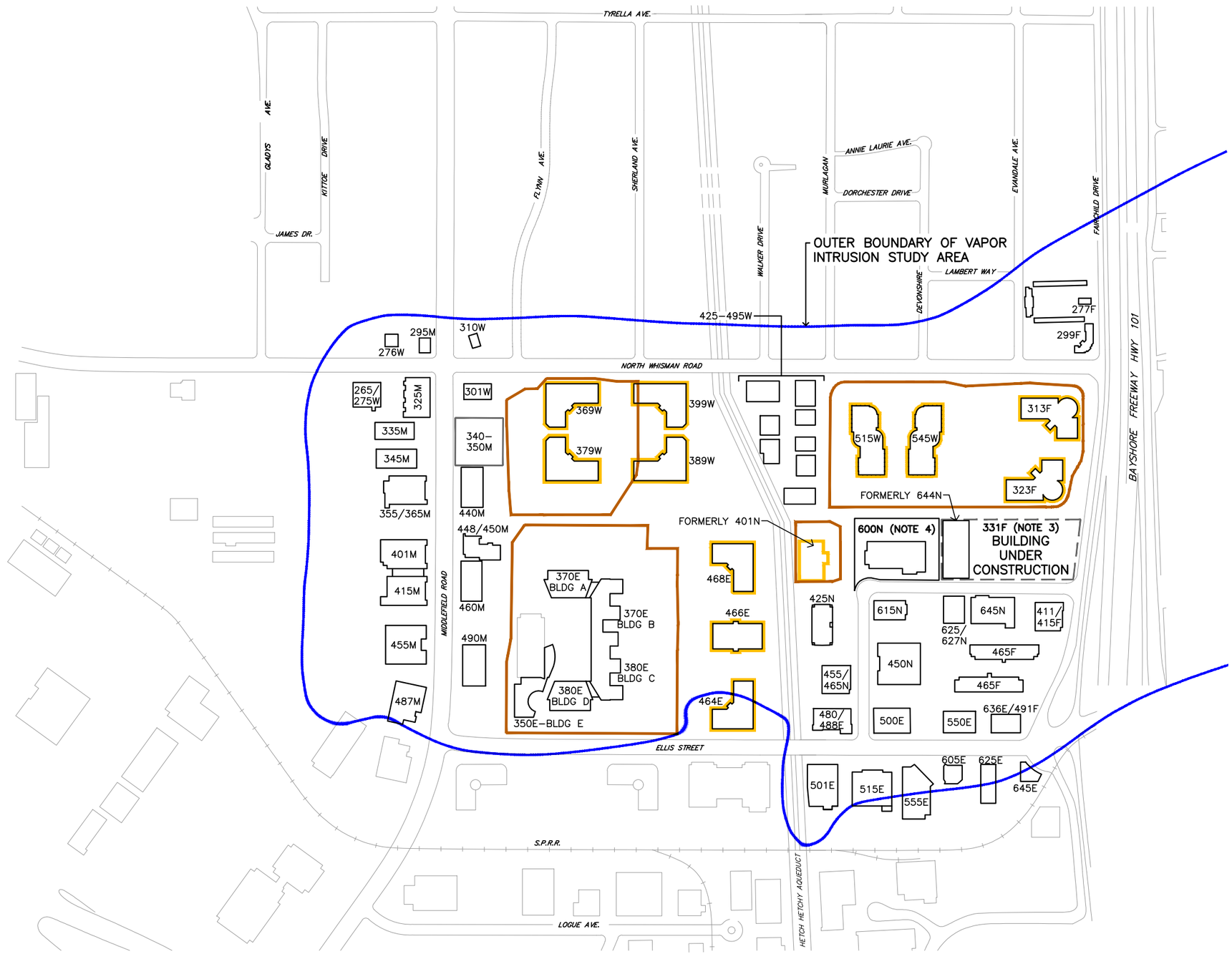
Middlefield-Ellis-Whisman (MEW) Area
Mountain View, California

Geosyntec consultants

Oakland | April 2016

Figure 1

P:\GIS\MEW\Project\Regional\VI\Fig01_Loc_Map.mxd



LEGEND:

- SLURRY WALL
- OUTER BOUNDARY OF VAPOR INTRUSION STUDY AREA
- FORMER FAIRCHILD SEMICONDUCTOR CORPORATION PROPERTIES
- PROPERTY BOUNDARY FOR 331 FAIRCHILD DRIVE REDEVELOPMENT

E	ELLIS STREET
M	EAST MIDDLEFIELD ROAD
F	FAIRCHILD DRIVE
W	NORTH WHISMAN ROAD
N	NATIONAL AVENUE

NOTES:

1. BOUNDARY OF MEW STUDY AREA IS DEFINED BY THE 5 MICROGRAMS PER LITER (µg/L) TRICHLOROETHENE CONTOUR AS PRESENTED IN THE MAPS POSTED BY EPA ON THE EPA WEBSITE (WWW.EPA.GOV/REGION9/MEW).
2. BUILDINGS IN RESIDENTIAL AREA WEST OF WHISMAN ROAD ARE NOT SHOWN.
3. PROPERTIES LOCATED AT 644, 660, AND 670 NATIONAL AVENUE HAVE BEEN RE–ADDRESSED TO 331 FAIRCHILD DRIVE. THE FORMER 644 NATIONAL AVENUE PARCEL IS CURRENTLY A PARKING LOT.
4. PROPERTIES LOCATED AT 612/614/616/618/620 NATIONAL AVENUE, 630/634 NATIONAL AVENUE, AND 640 NATIONAL AVENUE HAVE BEEN RE–ADDRESSED TO 600 NATIONAL AVENUE. THE FORMER 401 NATIONAL AVENUE PARCEL WILL BECOME A PARKING LOT.

0 250 500
SCALE IN FEET

SOURCE: HALEY & ALDRICH, 2013, BUILDING–SPECIFIC INDOOR AIR SAMPLING REPORT: 369–399 NORTH WHISMAN ROAD AND 468 ELLIS STREET, MOUNTAIN VIEW, CALIFORNIA, FEBRUARY.

Geosyntec consultants

LOCATION OF FORMER FAIRCHILD PROPERTIES
VAPOR INTRUSION STUDY AREA

MOUNTAIN VIEW, CALIFORNIA

FIGURE NO. 2
PROJECT NO. WR1133C
DATE: APRIL 2016

P:\CADD\MEW\V1\Figures\Annual Report\FIG2–ALL BUILDINGS REV1.dwg 2–24–16 04:19:25 PM skhdameyzer