



California Regional Water Quality Control Board

San Francisco Bay Region



Linda S. Adams

Secretary for
Environmental Protection

1515 Clay Street, Suite 1400, Oakland, California 94612
(510) 622-2300 • Fax (510) 622-2460
<http://www.waterboards.ca.gov/sanfranciscobay>

Edmund G. Brown, Jr.
Governor

Date: January 24, 2011
File No. 43S1101 (NMK)

L. Gerald Hunt, As Receiver
c/o Quattro Realty Group, LLC
390 Railroad Avenue, Suite 200
Danville, CA 94526
Attn: Mike Parker
mparker@quattrorealty.com

City of Sunnyvale Redevelopment Agency
456 West Olive Avenue
Sunnyvale, CA 94086
Attn: Gary Luebbers
citymanager@ci.sunnyvale.ca.us

SUBJECT: No Further Action, Former Sunnyvale Town Center Mall, Block 1
Sunnyvale, Santa Clara County

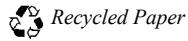
Dear Mr. Parker and Mr. Luebbers:

This letter confirms the completion of site investigation for the subject property.

Block 1 is located on the southwest corner of the former Sunnyvale Town Center Mall (“STCM”) property, and is bounded by West McKinley Avenue to the north, Taaffe Street to the east, West Iowa Avenue to the south and South Mathilda Avenue to the west. Block 1 is identified on the attached parcel map compiled from Pages 45 to 55, Book 818, Santa Clara County Records. Block 1 is comprised of nine individual parcels, and is one of six blocks that comprises the former STCM.

As discussed in the attached Case Closure Summary, environmental due diligence assessments were performed in connection with the purchase and redevelopment of Block 1 by the Downtown Sunnyvale Mixed Use LLC (“DSMU”) and the City of Sunnyvale Redevelopment Agency (the “Agency”). Following the 2008/2009 financial crisis, DSMU was unable to proceed with development of the former STCM property, and all work on Block 1 stopped. Foreclosure proceedings subsequently were initiated and, on October 5, 2009, Quattro Realty Group, LLC, was appointed by the Santa Clara County Superior Court as the Receiver of the former STCM property in Wachovia Bank v. Downtown Sunnyvale Residential, et al., and assumed all powers, duties and authorities necessary to control Block 1. Since that time, the Receiver and the Agency have been coordinating environmental efforts to prepare the former STCM property for development and ultimate sale to a permanent developer.

Preserving, enhancing, and restoring the San Francisco Bay Area's waters for over 60 years



Block 1 of the STCM property is currently developed with a 4-level public parking structure. Construction of future commercial buildings and a retail/residential structure (with residential located on the upper floors, above the retail) on Block 1 have not yet commenced.

Tetrachloroethene (PCE) and other VOCs have been detected in soil, soil gas and groundwater on properties to the east of Block 1. These conditions were caused by releases from historic dry cleaners located on the eastern portion of the former STCM property, along the former Murphy Avenue alignment. Based on the previous investigations, it does not appear that the conditions on the contaminated properties to the east are affecting Block 1. Investigations conducted at Block 1 indicated that no source of contamination was found and that remediation is unnecessary.

Based upon the available information, including the current and contemplated land use, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the pollutant releases at the subject site is required.

If you have any questions, please contact Nathan King of my staff at (510) 622-3966 [e-mail nking@waterboards.ca.gov].

Sincerely,

Bruce H. Wolfe
Executive Officer

Attachment: Case Closure Summary
Exhibit A: Maps
Exhibit B: Tables

cc with attachments: Mailing List

Mailing List

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Russel Juncal
Ground Zero Analysis
rjuncal@groundzeroanalysis.com

CASE CLOSURE SUMMARY

I. AGENCY INFORMATION

Date: January 24, 2011

Agency Name: SF Bay Regional Water Quality Control Board	Address: 1515 Clay Street, Suite 1400
City/State/Zip: Oakland, CA 94612	Phone: 510-622-2300
Responsible Staff Person: Nathan King	Title: Engineering Geologist

II. SITE INFORMATION

Site Facility Name: Former Sunnyvale Town Center Mall, Block 1				
Site Facility Address: Block 1 is bound by East McKinley Avenue/Taaffe Street/East Iowa Avenue/South Mathilda Avenue, Sunnyvale, Santa Clara County, CA				
Block 1 includes parcels 209-34-019, 209-34-020, 209-34-021, 209-34-001, 209-34-002, 209-40-001, 209-40-002, 209-40-003, 209-40-004. [Parcels 209-40-001 through -004 are condominium parcels derived from the subdivision of former parcel 209-34-022.]				
RB Case No.: 43S1101	Local Case No.: N/A	Priority: N/A		
Responsible Parties				
L. Gerald Hunt, As Receiver in Wachovia Bank v. Downtown Sunnyvale Residential, et al. c/o Quattro Reality Group, LLC 390 Railroad Ave, Ste. 200, Danville, CA 94526 Attn: Mike Parker (925) 314-2712				
City Of Sunnyvale Redevelopment Agency 456 West Olive Avenue Sunnyvale, CA 94086 Attn: Gary Luebbers				
Tank No.	Size in Gallons	Contents	Closed In—Place/Removed?	Date
N/A	N/A	N/A	N/A	N/A

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Unknown. See Section VI.					
Site characterization complete? Yes	Date Approved by Oversight Agency: N/A				
Monitoring wells installed? Yes	Number: 1	Proper screened interval? Yes			
Highest GW Depth Below Ground Surface: 38.91 ft	Lowest Depth: 38.12 ft	Flow Direction: North to Northeast			
Most Sensitive Current Use: Residential					
Most Sensitive Potential Use and Probability of Use: Residential					
Are drinking water wells affected? No	Aquifer Name: Santa Clara Valley Groundwater Basin				
Is surface water affected? No	Nearest surface water name: Stevens Creek, located 1.9 miles west of site.				
Off-Site Beneficial Use Impacts (Addresses/Locations): None					
Report(s) on file? Yes	Where is report(s) filed? San Francisco Bay Regional Water Quality Control Board and the Sunnyvale Public Library.				
MAXIMUM DOCUMENTED POLLUTANT CONCENTRATIONS					
POLLUTANT	Soil (ppm)	Water (ppb)			
TPHg	ND	ND			
TPHd ¹	75	ND			
TPHmo ²	110	ND			
PCE	ND	ND			
TCE	ND	ND			
Comments (Depth of Remediation, etc.):					
1 = Highest concentration of TPHd detected in soil from boring TR-15 at 2.5 feet below grade on 5/21/07.					
2 = Highest concentration of TPHmo detected in soil from boring TR-15 at 2.5 feet below grade on 5/21/07.					
TPHg, TPHd and TPHmo = Total petroleum hydrocarbons as gasoline, diesel and motor oil					
PCE = Tetrachloroethene					
TCE = Trichloroethene					
ND = Not Detected above laboratory reporting limits					
N/A = Not Applicable					

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? No corrective action occurred.		
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? N/A		
Does corrective action protect public health for current land use? N/A		
Site Management Requirements: None		
Monitoring Wells Decommissioned: Yes	Number Decommissioned: 1	Number Retained: 0
List Enforcement Actions Taken: None		
List Enforcement Actions Rescinded: None		

V. TECHNICAL REPORTS, CORRESPONDENCE, ETC. THAT THIS CLOSURE RECOMMENDATION WAS BASED UPON

Block 1 and 2 Soil Sampling and Analysis Results (Treadwell & Rollo)	July 9, 2007
Groundwater Monitoring Well Abandonment (Treadwell & Rollo)	August 31, 2007
Workplan for Supplemental Site Investigation (Treadwell & Rollo)	August 27, 2007
Phase I Environmental Site Assessment (Golder Associates)	March 5, 2007
Workplan For Additional Site Groundwater Assessment (Treadwell & Rollo)	February 2007
Letter Report Limited Phase II Environmental Investigation (URS)	February 28, 2007
Phase II Environmental Site Assessment (Golder Associates)	January 2007

VI. ADDITIONAL COMMENTS, DATA, ETC.

This closure addresses the site investigation conducted between 2005 and 2007 in Block 1 of the former Sunnyvale Town Center Mall property (STCM). Block 1 is located on the southwest corner of the STCM. Block 1 is comprised of nine individual parcels:

- 209-34-019
- 209-34-002
- 209-34-001
- 209-40-001
- 209-40-002
- 209-40-003
- 209-40-004

- 209-34-021
- 209-34-020

Contaminant sources are identified and fully evaluated:

Block 1 has been characterized by the results of soil and groundwater investigations conducted between 2005 and 2007. The investigation of Block 1 consisted of the following:

- Phase I and II Environmental Site Assessments
- The advancement of two hydropunch soil borings
- The installation of one groundwater monitoring well
- The advancement of nine soil borings

The investigations did not identify any sources of contamination at Block 1.

The site is adequately characterized and exposure pathways, receptors and potential risks, threats and other environmental concerns were evaluated:

Between 2005 and 2007, multiple Phase I and Phase II Environmental Site Assessments were conducted on the whole of the STCM. Several areas of concern were identified; however, none were located on Block 1. Pertinent maps depicting site features and sample locations are included in Exhibit A, and tables that summarize the analytical results for Block 1 are included in Exhibit B.

Two soil borings (TCM-04 and TCM-05) were advanced on November 8 and 10, 2006. Soil and groundwater samples were collected and analyzed for volatile organic compounds (VOCs) and total petroleum hydrocarbons as TPHg, TPHd and TPHmo (gasoline, diesel and motor oil). No analytes were detected in the groundwater samples. Diesel was detected at low levels in the soil samples collected from both TCM-04 and TCM-05. No other analyzed constituents were detected. These sample results are shown on the tables in Exhibit B.

Monitoring well MW10 was installed on January 15, 2007. Two soil samples were analyzed for VOCs, gasoline, diesel and motor oil, and one groundwater sample, collected on January 18, 2007, was analyzed for VOCs, gasoline, diesel and motor oil. The analytical results from soil and groundwater samples from MW10 detected no constituents above laboratory reporting limits (Exhibit B). Well MW10 was destroyed in August 2007 for site redevelopment purposes.

On May 27, 2007, in connection with the proposed development of Block 1, exploratory soil borings TR-7 through TR-15 were advanced in a grid pattern across Block 1 to depths ranging from 11.5 feet below the ground surface (bgs) to 20 feet bgs. The samples were broadly analyzed for gasoline, VOCs, semi-volatile organic compounds, polychlorinated biphenyls, and asbestos. Low levels of diesel were detected at concentrations ranging from 1.5 milligrams per kilogram (mg/kg) to 75 mg/kg, and motor oil was detected at low concentrations ranging from 6.6 mg/kg to 110 mg/kg. The metal concentrations were determined to be within normal background ranges found in the western United States. No other constituents were detected.

The detection of diesel and motor oil range hydrocarbons in Block 1 soils was sporadic and, where detected, concentrations dropped almost an order of magnitude or more between shallow and deeper samples. Only one sample location (TR-15) had detectable petroleum hydrocarbons in the deepest sample (19 mg/kg as motor oil at 8 feet). These results are shown on Table 1, "Soil Analytical Results, Sunnyvale Town Center, Block 1", in Exhibit B.

Sources of pollution are remediated to the extent practicable:

No soil cleanup actions were taken at Block 1. No specific source of the residual diesel and motor oil detected in soil during both the 2006 (TCM-04 and TCM-05) and 2007 (TR-7 through TR-15) sampling events was identified, though small contributions from vehicle parking or the former automotive services operations are possible. However, the low levels of diesel and motor oil reported in the soil borings were all below both residential and commercial ESLs for residual fuels.

The groundwater plume is stable to retreating:

No groundwater cleanup actions were taken at Block 1. Groundwater samples collected detected no constituents above laboratory reporting limits.

Cleanup standards will be met within a reasonable timeframe:

The concentrations of diesel and motor oil in the soil are below both residential and commercial ESLs for residual fuels.

Risk management measures are appropriate, documented, and do not require further Water Board oversight.

No risk management measures are required at the Site.

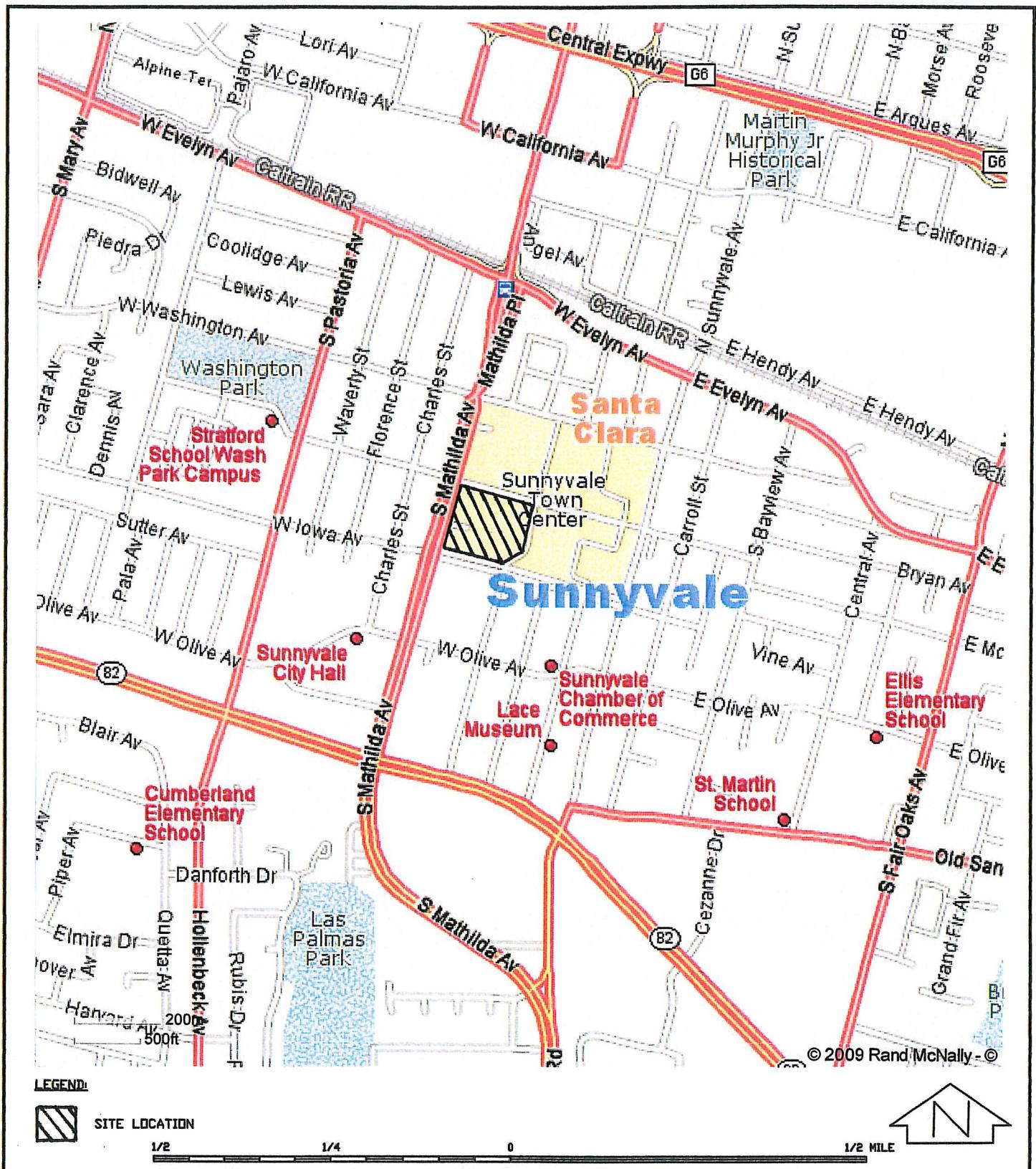
There are no unacceptable risks to human health, ecological health, and sensitive receptors, considering current and reasonable future land and water uses. There are no unacceptable threats to groundwater and surface water resources, considering current and reasonable future beneficial uses.

Conclusion: The Water Board staff recommends this case for closure.

This document and the related CASE CLOSURE LETTER shall be retained by the lead agency as part of the official site file.

EXHIBIT A

Maps



GROUND ZERO
ANALYSIS, INC.

SITE LOCATION MAP
FORMER SUNNYVALE TOWN CENTER MALL
BLOCK 1
SUNNYVALE, CALIFORNIA

FIGURE

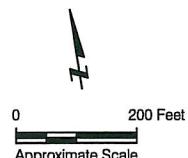
1

1110/843LOCBLK1



EXPLANATION

209-35-028 Parcel number

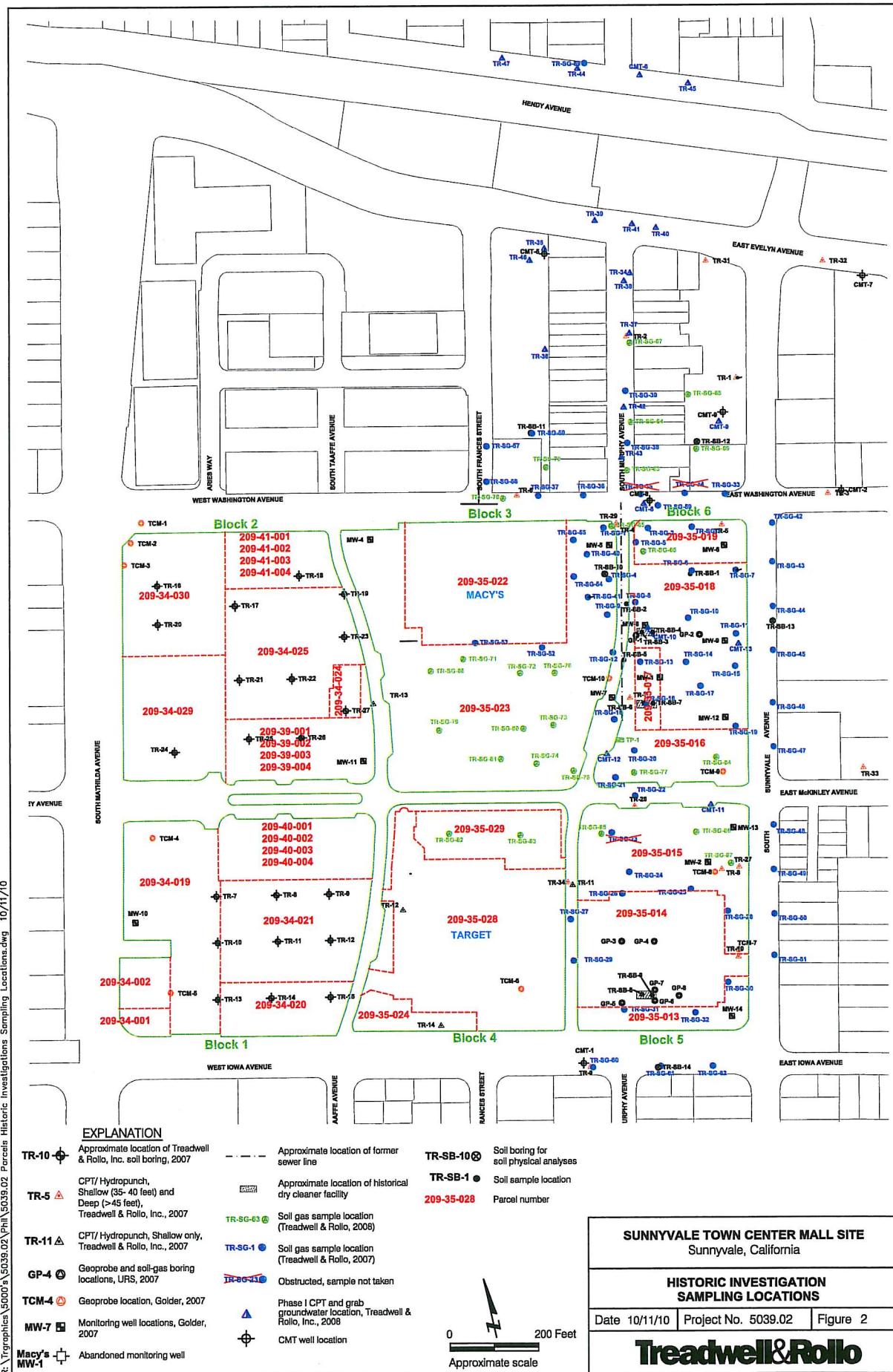


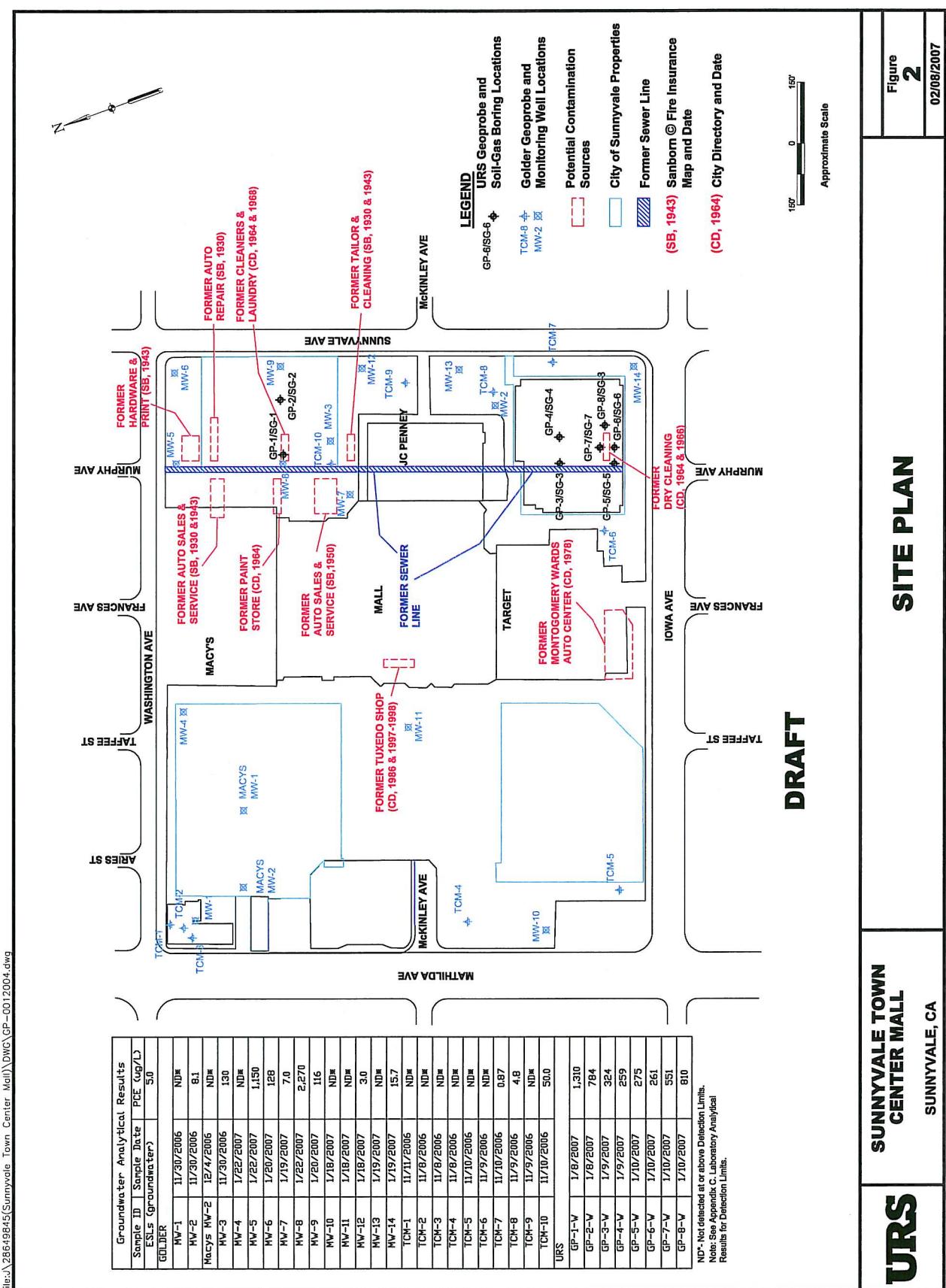
SUNNYVALE TOWN CENTER MALL SITE
Sunnyvale, California

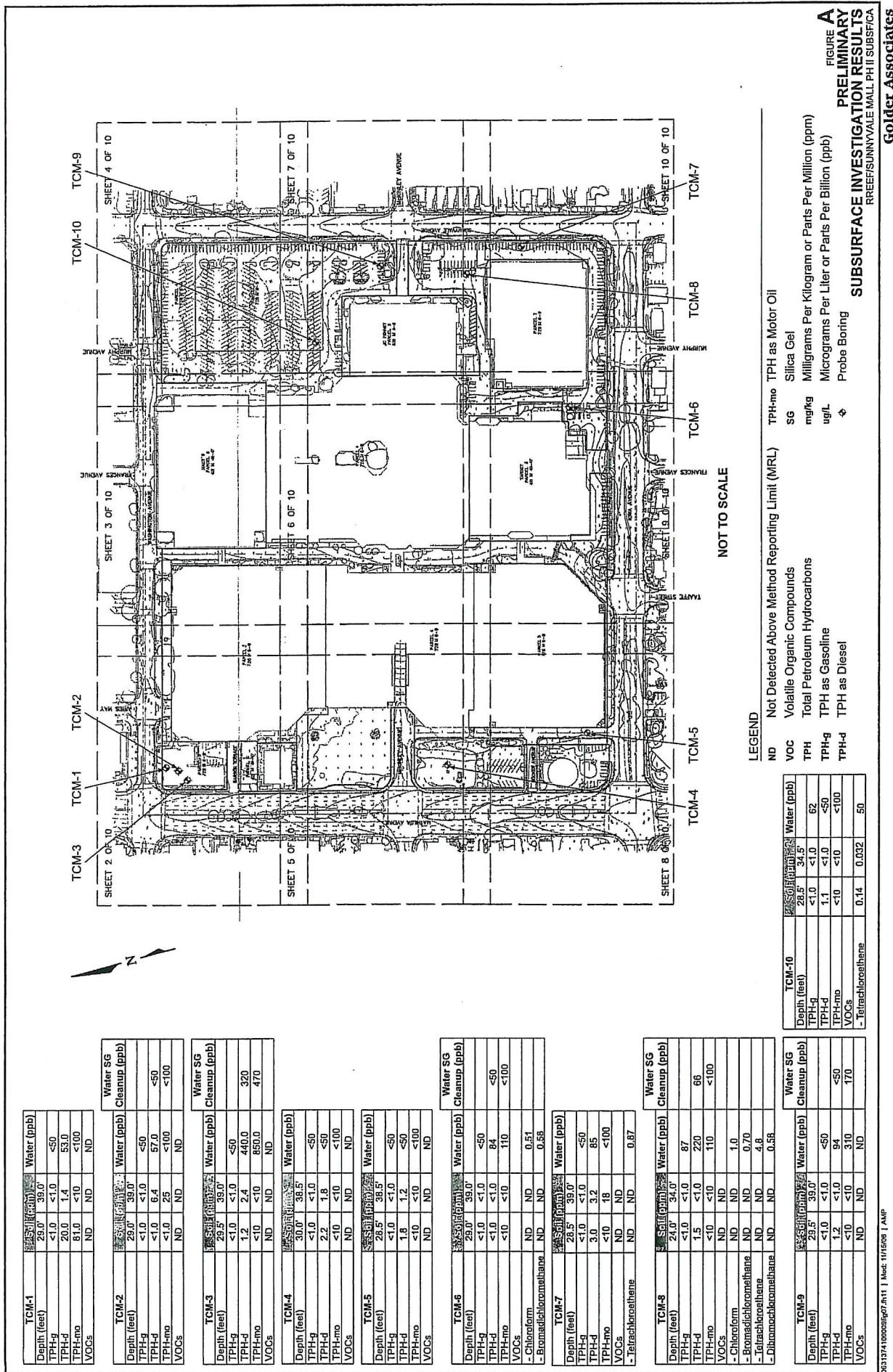
PARCELS

Date 10/11/10 | Project No. 5039.02 | Figure 1

Treadwell & Rollo

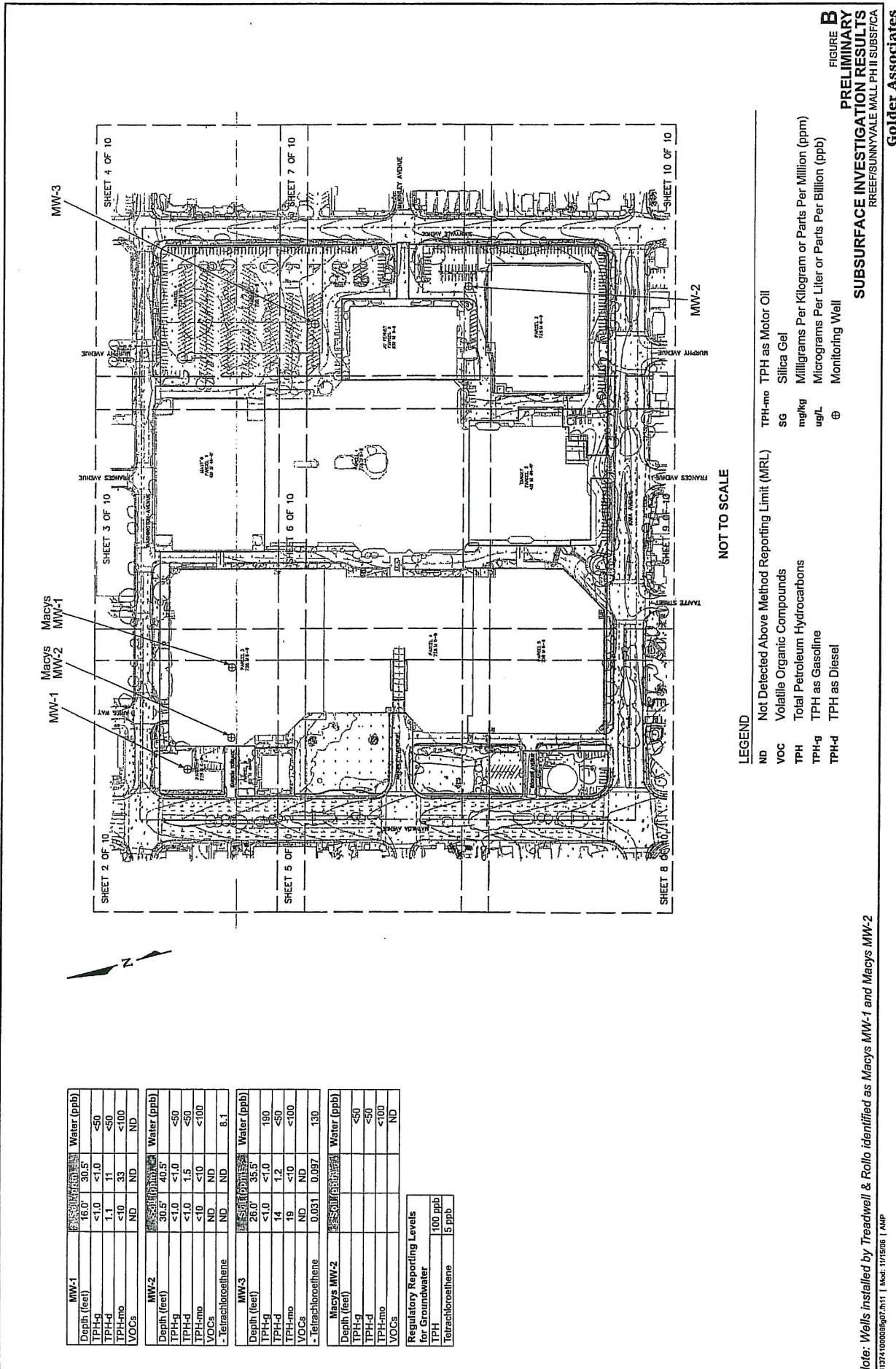






Golder Associates

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Note: Wells installed by Treadwell & Rollo identified as Macy's MW-1 and Macy's MW-2
051327410000000007.0511 Mod: 111505 1 AMP

EXHIBIT B

Tables

Table 2
Soil VOC Results
Sunnyvale Town Center Redevelopment Site
Sunnyvale, California

Sample ID	Date Collected	Depth (feet bgs)	PCE	Bromo-dichloro-methane	Bromoform	Dibromo-chloro-methane	All other VOCs
			(µg/kg)				
ESL (Residential)			340	560	61,000	5,800	-
ESL (Commercial)			850	1,200	220,000	21,000	-
ESL (Construction)			22,000	49,000	2,600,000	240,000	-
GP-01	01/08/07	10	120	< 10	< 10	< 10	ND
	01/08/07	15	120	< 10	< 10	< 10	ND
	01/08/07	35	370	< 10	< 10	< 10	ND
GP-02	01/08/07	5	86	< 10	< 10	< 10	ND
	01/08/07	20	78	< 10	< 10	< 10	ND
	01/08/07	30	260	< 10	< 10	< 10	ND
GP-03	01/09/07	10	22	< 10	< 10	< 10	ND
	01/09/07	21	32	< 10	< 10	< 10	ND
GP-04	01/09/07	5	< 10	< 10	< 10	< 10	ND
	01/09/07	15	66	< 10	< 10	< 10	ND
GP-05	01/10/07	2.5	< 10	< 10	< 10	< 10	ND
	01/10/07	10	100	< 10	< 10	< 10	ND
GP-06	01/10/07	0.5	37	< 10	< 10	< 10	ND
	01/10/07	5	< 10	< 10	< 10	< 10	ND
	01/10/07	10	110	< 10	< 10	< 10	ND
	01/10/07	15	160	< 10	< 10	< 10	ND
GP-07	01/10/07	2.5	< 10	< 10	< 10	< 10	ND
	01/10/07	5	120	< 10	< 10	< 10	ND
	01/10/07	10	110	< 10	< 10	< 10	ND
GP-08	01/10/07	5	< 10	< 10	< 10	< 10	ND
	01/10/07	10	66	< 10	< 10	< 10	ND
	01/10/07	15	200	< 10	< 10	< 10	ND
MW-01	11/27/06	16	< 5	< 5	< 5	< 5	ND
	11/27/06	30.5	< 5	< 5	< 5	< 5	ND
MW-02	11/27/06	30.5	< 5	< 5	< 5	< 5	ND
	11/27/06	40.5	< 5	< 5	< 5	< 5	ND
MW-03	11/27/06	26	31	< 5	< 5	< 5	ND
	11/27/06	35.5	97	< 5	< 5	< 5	ND
MW-04	01/19/07	16	< 10	< 10	< 10	< 10	ND
	01/19/07	25.5	< 10	< 10	< 10	< 10	ND
MW-05	01/18/07	5.5	330	< 10	< 10	< 10	ND
	01/18/07	15.5	160	< 10	< 10	< 10	ND
	01/18/07	20.5	92	< 10	< 10	< 10	ND
	01/18/07	25.5	80	< 10	< 10	< 10	ND
	01/18/07	30.5	95	< 10	< 10	< 10	ND
MW-06	01/17/07	6	< 10	< 10	< 10	< 10	ND
	01/17/07	20.5	< 10	< 10	< 10	< 10	ND
MW-07	01/17/07	10.5	14	< 10	< 10	< 10	ND
	01/17/07	21	51	< 10	< 10	< 10	ND

Table 2
Soil VOC Results
Sunnyvale Town Center Redevelopment Site
Sunnyvale, California

Sample ID	Date Collected	Depth (feet bgs)	PCE	Bromo-dichloro-methane	Bromoform	Dibromo-chloro-methane	All other VOCs
			(µg/kg)				
ESL (Residential)			340	560	61,000	5,800	-
ESL (Commercial)			850	1,200	220,000	21,000	-
ESL (Construction)			22,000	49,000	2,600,000	240,000	-
MW-08	01/18/07	10.5	140	< 10	< 10	< 10	ND
	01/18/07	15.5	75	< 10	< 10	< 10	ND
	01/18/07	20.5	110	< 10	< 10	< 10	ND
	01/18/07	25.5	200	< 10	< 10	< 10	ND
MW-09	01/18/07	5.5	100	< 10	< 10	< 10	ND
	01/18/07	10.5	56	< 10	< 10	< 10	ND
	01/18/07	15.5	36	< 10	< 10	< 10	ND
	01/18/07	20.5	12	< 10	< 10	< 10	ND
	01/18/07	25.5	71	< 10	< 10	< 10	ND
	01/18/07	30.5	58	< 10	< 10	< 10	ND
MW-10	01/15/07	11	< 10	< 10	< 10	< 10	ND
	01/15/07	25.5	< 10	< 10	< 10	< 10	ND
MW-11	01/16/07	20.5	< 10	< 10	< 10	< 10	ND
	01/16/07	30.5	< 10	< 10	< 10	< 10	ND
MW-12	01/16/07	6	44	< 10	< 10	< 10	ND
	01/16/07	20.5	< 10	< 10	< 10	< 10	ND
MW-13	01/17/07	15.5	< 10	< 10	< 10	< 10	ND
	01/17/07	31	< 10	< 10	< 10	< 10	ND
MW-14	01/17/07	5.5	< 10	< 10	< 10	< 10	ND
	01/17/07	26	< 10	< 10	< 10	< 10	ND
TCM-01	11/08/06	29.5	< 5	< 5	< 5	< 5	ND
	11/08/06	39.5	< 5	< 5	< 5	< 5	ND
TCM-02	11/08/06	29.5	< 5	< 5	< 5	< 5	ND
	11/08/06	39.5	< 5	< 5	< 5	< 5	ND
TCM-03	11/08/06	30	< 5	< 5	< 5	< 5	ND
	11/08/06	39.5	< 5	< 5	< 5	< 5	ND
TCM-04	11/08/06	30.5	< 5	< 5	< 5	< 5	ND
	11/08/06	39	< 5	< 5	< 5	< 5	ND
TCM-05	11/10/06	29	< 5	< 5	< 5	< 5	ND
	11/10/06	39	< 5	< 5	< 5	< 5	ND
TCM-06	11/09/06	29.5	< 5	< 5	< 5	< 5	ND
	11/09/06	39.5	< 5	< 5	< 5	< 5	ND
TCM-07	11/10/06	29	< 5	< 5	< 5	< 5	ND
	11/10/06	39.5	< 5	< 5	< 5	< 5	ND
TCM-08	11/09/06	24.5	< 5	< 5	< 5	< 5	ND
	11/09/06	34.5	< 5	< 5	< 5	< 5	ND
TCM-09	11/09/06	29.5	< 5	< 5	< 5	< 5	ND
	11/09/06	39.5	< 5	< 5	< 5	< 5	ND
TCM-10	11/10/06	29	140	< 5	< 5	< 5	ND
	11/10/06	35	32	< 5	< 5	< 5	ND

Table 2
Soil VOC Results
Sunnyvale Town Center Redevelopment Site
Sunnyvale, California

Sample ID	Date Collected	Depth (feet bgs)	PCE	Bromo-dichloro-methane	Bromoform	Dibromo-chloro-methane	All other VOCs
			(µg/kg)				
ESL (Residential)			340	560	61,000	5,800	-
ESL (Commercial)			850	1,200	220,000	21,000	-
ESL (Construction)			22,000	49,000	2,600,000	240,000	-
TP-1	03/19/08	5.5	< 5	< 5	< 5	< 5	ND
	03/19/08	8	12	< 5	< 5	< 5	ND
	03/19/08	10	< 5	< 5	< 5	< 5	ND
TP-2	03/19/08	5.5	< 5	< 5	< 5	< 5	ND
	03/19/08	10	< 5	< 5	< 5	< 5	ND
	03/19/08	10.5	7.5	< 5	< 5	< 5	ND
TR-SB-01	08/22/07	5.5	9.8	< 4.5	< 4.5	< 4.5	ND
	08/22/07	10	21	< 4.9	< 4.9	< 4.9	ND
	08/22/07	15	26	< 4.7	< 4.7	< 4.7	ND
	08/22/07	20	85	< 4.9	< 4.9	< 4.9	ND
	08/22/07	25	38	< 4.6	< 4.6	< 4.6	ND
TR-SB-02	08/22/07	5.5	34	< 4.8	< 4.8	< 4.8	ND
	08/22/07	10.5	43	< 4.5	< 4.5	< 4.5	ND
	08/22/07	15.5	140	< 4.7	< 4.7	< 4.7	ND
	08/22/07	20	270	< 4.5	< 4.5	< 4.5	ND
	08/22/07	25	150	< 4.9	< 4.9	< 4.9	ND
TR-SB-03	08/22/07	5.5	160	< 4.5	< 4.5	< 4.5	ND
	08/22/07	10	72	< 4.9	< 4.9	< 4.9	ND
	08/22/07	15.5	260	< 5.0	< 5.0	< 5.0	ND
	08/22/07	20	93	< 4.9	< 4.9	< 4.9	ND
	08/22/07	25	240	< 4.7	< 4.7	< 4.7	ND
TR-SB-04	08/22/07	5.5	88	< 4.9	< 4.9	< 4.9	ND
	08/22/07	10.5	180	< 4.7	< 4.7	< 4.7	ND
	08/22/07	15.5	200	< 4.5	< 4.5	< 4.5	ND
	08/22/07	20	240	< 4.5	< 4.5	< 4.5	ND
	08/22/07	25	470	< 4.6	< 4.6	< 4.6	ND
TR-SB-05	08/23/07	5.5	42	< 4.7	< 4.7	< 4.7	ND
	08/23/07	10.5	65	< 4.8	< 4.8	< 4.8	ND
	08/23/07	15.5	19	< 5.0	< 5.0	< 5.0	ND
	08/23/07	20	39	< 4.9	< 4.9	< 4.9	ND
	08/23/07	25.5	39	< 4.7	< 4.7	< 4.7	ND
TR-SB-06	08/23/07	6.5	21	< 4.8	< 4.8	< 4.8	ND
	08/23/07	10.5	16	< 4.7	< 4.7	< 4.7	ND
	08/23/07	15.5	29	< 4.7	< 4.7	< 4.7	ND
	08/23/07	20	19	< 4.9	< 4.9	< 4.9	ND
	08/23/07	25.5	5.0	< 4.7	< 4.7	< 4.7	ND
TR-SB-07	08/23/07	6.5	10	< 4.5	< 4.5	< 4.5	ND
	08/23/07	10.5	67	< 4.5	< 4.5	< 4.5	ND
	08/23/07	15.5	24	< 4.7	< 4.7	< 4.7	ND
	08/23/07	20	32	< 4.7	< 4.7	< 4.7	ND
	08/23/07	25.5	5.5	< 4.4	< 4.4	< 4.4	ND

Table 2
Soil VOC Results
Sunnyvale Town Center Redevelopment Site
Sunnyvale, California

Sample ID	Date Collected	Depth (feet bgs)	PCE	Bromo-dichloro-methane	Bromoform	Dibromo-chloro-methane	All other VOCs		
			(µg/kg)						
ESL (Residential)			340	560	61,000	5,800	-		
ESL (Commercial)			850	1,200	220,000	21,000	-		
ESL (Construction)			22,000	49,000	2,600,000	240,000	-		
TR-SB-08	08/23/07	5.5	9.4	< 4.6	< 4.6	< 4.6	ND		
	08/23/07	8.5	12	< 4.6	< 4.6	< 4.6	ND		
TR-SB-09	08/23/07	5.5	7.0	< 4.8	< 4.8	< 4.8	ND		
	08/23/07	8	17	< 4.8	< 4.8	< 4.8	ND		
QA/QC Samples (reported in µg/L)									
RINSATE(8/22/07)	08/23/07	--	< 0.5	0.5	2.8	1.8	ND		
RINSATE(8/23/07)	08/23/07	--	< 0.5	< 0.5	< 1.0	< 0.5	ND		

Notes:

feet bgs = feet below ground surface

PCE = Tetrachloroethene

µg/kg = micrograms per kilogram

Rinsate samples are reported in µg/L = micrograms per Liter

VOCs = volatile organic compounds

< 4.5 = not detected at or above the laboratory reporting limit of 4.5 µg/kg

ND = not detected at or above the laboratory reporting limit

ESL = Soil Environmental Screening Level for Direct Exposure Scenario

(SF-RWQCB, 2007b), Tables K-1, K-2, and K-3

Detections shown in boldface type

Table 3
Soil TPH Results
Sunnyvale Town Center Redevelopment Site
Sunnyvale, California

Sample ID	Date Collected	Depth (feet bgs)	TPH - Gasoline	TPH - Diesel without Silica Gel Cleanup	TPH Diesel with Silica Gel Cleanup	TPH - Motor Oil without Silica Gel Cleanup	TPH Motor Oil with Silica Gel Cleanup
Method			8260		8015M		
Unit							
µg/kg							
MW-01	11/27/2006	16	< 1	--	1.1	--	< 10
	11/27/2006	30.5	< 1	--	11	--	33
MW-02	11/27/2006	30.5	< 1	--	< 1	--	< 10
	11/27/2006	40.5	< 1	--	1.5	--	< 10
MW-03	11/27/2006	26	< 1	--	14	--	19
	11/27/2006	35.5	< 1	--	1.2	--	< 10
MW-04	1/19/2007	16	< 0.1	< 2	--	< 4	--
	1/19/2007	25.5	< 0.1	< 2	--	< 4	--
MW-05	1/18/2007	15.5	< 0.1	< 2	--	< 4	--
	1/18/2007	30.5	< 0.1	< 2	--	< 4	--
MW-06	1/17/2007	6	< 0.1	< 2	--	< 4	--
	1/17/2007	20.5	< 0.1	< 2	--	< 4	--
MW-07	1/17/2007	10.5	< 0.1	< 2	--	< 4	--
	1/17/2007	21	< 0.1	< 2	--	< 4	--
MW-08	1/18/2007	15.5	< 0.1	< 2	--	< 4	--
	1/18/2007	25.5	< 0.1	< 2	--	< 4	--
MW-09	1/18/2007	5.5	< 0.1	< 2	--	< 4	--
	1/18/2007	25.5	< 0.1	< 2	--	< 4	--
MW-10	1/15/2007	11	< 0.1	< 2	--	< 4	--
	1/15/2007	25.5	< 0.1	< 2	--	< 4	--
MW-11	1/16/2007	20.5	< 0.1	< 2	--	< 4	--
	1/16/2007	30.5	< 0.1	< 2	--	< 4	--
MW-12	1/16/2007	6	< 0.1	< 2	--	8.02	--
	1/16/2007	20.5	< 0.1	< 2	--	< 4	--
MW-13	1/17/2007	15.5	< 0.1	< 2	--	< 4	--
	1/17/2007	31	< 0.1	< 2	--	< 4	--
MW-14	1/17/2007	5.5	< 0.1	< 2	--	< 4	--
	1/17/2007	26	< 0.1	< 2	--	< 4	--
TCM-01*	11/8/2006	29.5	< 1	20	--	81	--
	11/8/2006	39.5	< 1	1.4	--	< 10	--
TCM-02*	11/8/2006	29.5	< 1	< 1	--	< 10	--
	11/8/2006	39.5	< 1	6.4	--	25	--
TCM-03*	11/8/2006	30	< 1	1.2	--	< 10	--
	11/8/2006	39.5	< 1	2.4	--	< 10	--
TCM-04*	11/8/2006	30.5	< 1	2.2	--	< 10	--
	11/8/2006	39	< 1	1.8	--	< 10	--
TCM-05*	11/10/2006	29	< 1	1.8	--	< 10	--
	11/10/2006	39	< 1	1.2	--	< 10	--
TCM-06*	11/9/2006	29.5	< 1	< 1	--	< 10	--
	11/9/2006	39.5	< 1	< 1	--	< 10	--
TCM-07*	11/10/2006	29	< 1	3.0	--	< 10	--
	11/10/2006	39.5	< 1	3.2	--	18	--

Table 3
Soil TPH Results
Sunnyvale Town Center Redevelopment Site
Sunnyvale, California

Sample ID	Date Collected	Depth (feet bgs)	TPH - Gasoline	TPH - Diesel without Silica Gel Cleanup	TPH Diesel with Silica Gel Cleanup	TPH - Motor Oil without Silica Gel Cleanup	TPH Motor Oil with Silica Gel Cleanup	
			8260		8015M			
				μg/kg				
TCM-08*	11/9/2006	24.5	< 1	1.5	--	< 10	--	
	11/9/2006	34.5	< 1	< 1	--	< 10	--	
TCM-09*	11/9/2006	29.5	< 1	1.2	--	< 10	--	
	11/9/2006	39.5	< 1	< 1	--	< 10	--	
TCM-10*	11/10/2006	29	< 1	1.1	--	< 10	--	
	11/10/2006	35	< 1	< 1	--	< 10	--	

Notes:

feet bgs = feet below ground surface

TPH = Total Petroleum Hydrocarbons

μg/kg = micrograms per kilogram

-- Not analyzed

< 1 = not detected at or above the laboratory reporting limit of 1.0 μg/kg

ND = not detected at or above the laboratory reporting limit

samples collected by T&R except where noted

* samples collected by Golder Associates

TABLE 1
Soil Sample Analytical Results - VOCs
Sunnyvale Town Center Mall
Sunnyvale, California

Sample ID	Sample Depth (feet)	Lab Sample ID	Sample Date	Tetrachloroethene (PCE)	Other VOCs
		EPA Method	8260B	8260B	
		Units	ppb	ppb	
		ESLs - (RESIDENTIAL)	87	varies	
URS					
GP-1@10.0'	10.0	070137-004	01/08/07	120	ND*
GP-1@15.0'	15.0		01/08/07		
GP-1@35.0'	35.0	070137-009	01/08/07	370	ND*
GP-2@5.0'	05.0	070137-013	01/08/07	86	ND*
GP-2@20.0'	20.0		01/08/07		
GP-2@30.0'	30.0	070137-018	01/08/07	260	ND*
GP-3@10.0'	10.0	0701054-004	01/09/07	22	ND*
GP-3@21.0'	21.0	0701054-006	01/09/07	32	ND*
GP-4@5.0'	05.0	0701054-009	01/09/07	<10	ND*
GP-4@15.0'	15.0	0701054-011	01/09/07	66	ND*
GP-5@2.5'	02.5	0701054-014	01/10/07	<10	ND*
GP-5@10.0'	10.0	0701054-016	01/10/07	100	ND*
GP-6@0.5'	00.5	0701054-019	01/10/07	37	ND*
GP-6@5.0'	05.0		01/10/07		
GP-6@10.0'	10.0		01/10/07		
GP-6@15.0'	15.0	0701054-023	01/10/07	160	ND*
GP-7@2.5'	02.5	0701054-026	01/10/07	<10	ND*
GP-7@5.0'	05.0		01/10/07		
GP-7@10.0'	10.0	0701054-028	01/10/07	110	ND*
GP-8@5.0'	05.0	0701054-033	01/10/07	<10	ND*
GP-8@10.0'	10.0'		01/10/07		
GP-8@15.0'	15.0	0701054-035	01/10/07	200	ND*
GOLDER					
MW-1	16.0	53531-18	11/27/06	<5	<5
	30.5	53531-23	11/27/06	<5	<5
MW-2	30.5	53531-05	11/27/06	<5	<5
	40.5	53531-07	11/27/06	<5	<5
MW-3	26.0	53531-11	11/27/06	31	<5
	35.5	53531-14	11/27/06	97	<5
TCM-1	29.0	53261-03	11/8/06	<5	<5
TCM-1	39.0	53261-05	11/8/06	<5	<5
TCM-2	29.0	53261-10	11/8/06	<5	<5
TCM-2	39.0	53261-11	11/8/06	<5	<5
TCM-3	29.5	53261-15	11/8/06	<5	<5
TCM-3	39.0	53261-17	11/8/06	<5	<5
TCM-4	30.0	53261-21	11/8/06	<5	<5
TCM-4	38.5	53261-23	11/8/06	<5	<5
TCM-5	28.5	53285-18	11/10/06	<5	<5
TCM-5	38.5	53285-20	11/10/06	<5	<5
TCM-6	29.0	53262-04	11/9/06	<5	<5
TCM-6	39.0	53262-05	11/9/06	<5	<5
TCM-7	28.5	53285-10	11/10/06	<5	<5
TCM-7	39.0	53285-12	11/10/06	<5	<5
TCM-8	24.0	53262-09	11/9/06	<5	<5
TCM-8	34.0	53262-10	11/9/06	<5	<5
TCM-9	29.0	53262-14	11/9/06	<5	<5
TCM-9	39.0	53262-16	11/9/06	<5	<5
TCM-10	28.5	53285-03	11/10/06	140	<5
TCM-10	34.5	53285-04	11/10/06	32	<5

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Soil Sample Analytical Results - VOCs
Sunnyvale Town Center Mall
Sunnyvale, California

Sample ID	Sample Depth (feet)	Lab Sample ID	Sample Date	Tetrachloroethene (PCE)	Other VOCs
			EPA Method	8260B	8260B
			Units	ppb	ppb
			ESLs - (RESIDENTIAL)	87	varies
URS					
MW-1	16.0	53531-18	11/27/06	<5	<5
MW-1	30.5	53531-23	11/27/06	<5	<5
MW-2	30.5	53531-05	11/27/06	<5	<5
MW-2	40.5	53531-07	11/27/06	<5	<5
MW-3	26.0	53531-11	11/27/06	31	<5
MW-3	35.5	53531-14	11/27/06	97	<5
MW-4	16.0	00701101-008	1/19/07	<10	<10
MW-4	25.5	00701101-010	1/19/07	<10	<10
MW-5	15.5	0701101-002	1/18/07	160	<10
MW-5	30.3	0701101-005	1/18/07	95	<10
MW-6	6.0	0701080-001	1/17/07	<10	<10
MW-6	20.5	0701080-004	1/17/07	<10	<10
MW-7	10.5	0701084-002	1/17/07	14	<10
MW-7	21.0	0701084-004	1/17/07	51	<10
MW-8	15.5	0701080-015	1/18/07	75	<10
MW-8	25.5	0701080-0157	1/18/07	200	<10
MW-9	5.5	0701084-007	1/18/07	<10	<10
MW-9	25.5	0701084-011	1/18/07	71	<10
MW-10	11.0	0701067-002	1/15/07	<10	<10
MW-10	25.5	0701067-005	1/15/07	<10	<10
MW-11	20.5	0701072-004	1/16/07	<10	<10
MW-11	30.5	0701072-006	1/16/07	<10	<10
MW-12	6.0	0701072-007	1/16/07	44	<10
MW-12	20.5	0701072-010	1/16/07	<10	<10
MW-13	15.5	0701084-007	1/17/07	<10	<10
MW-13	31.0	0701084-010	1/17/07	<10	<10
MW-14	15.5	0701084-011	1/17/07	<10	<10
MW-14	26.0	0701084-015	1/17/07	<10	<10

Notes:

ug/Kg = micrograms per kilogram ppb = parts per billion. ppb equivalent to ug/Kg

ESLs = Environmental Screening Levels for residential soil as developed by the San Francisco Bay

Regional Water Quality Control Board, February 2005.

ND = Not Detected. See analytical laboratory reports for individual detection limits.

* = All other VOCs on the 8260 list were not detected.

-- = Not analyzed

Bold indicates value exceeds ESL.

The symbol "<" (less than) indicates that the analyte was not detected at a concentration above the laboratory detection limit specified.

Depth to groundwater and soil sample depths are presented as depth below existing ground surface, including the southeastern parking structure lower level floor (GP-3 through GP-8). No elevation survey has been completed to correlate the referenced depths.

Table 1
Soil Analytical Results
Sunnyvale Town Center Block 1
Sunnyvale, California
Project: 4589.01

Sample ID	Depth feet	Date Sample	TPHg	TPHd	TPH(mo)	VOCs	SVOCs	PCB's	Asbestos
			mg/kg						%
TR7-3	3	5/21/2007	< 1.0	< 1.0	< 5.0	ND	--	< 0.025	ND
TR7-6	6	5/21/2007	< 1.0	< 1.0	< 5.0	ND	ND	< 0.025	--
TR7-8	8	5/21/2007	< 1.0	< 1.0	< 5.0	ND	--	--	--
TR8-3.5	3.5	5/21/2007	< 1.0	4.6	30	--	ND	< 0.025	--
TR8-6	6	5/21/2007	< 1.0	1.5	6.6	ND	--	--	ND
TR8-8.5	8.5	5/21/2007	< 1.0	< 1.0	< 5.0	ND	ND	--	--
TR9-2.5	2.5	5/21/2007	< 1.0	--	25	--	ND	< 0.025	--
TR9-6	6	5/21/2007	< 1.0	--	< 5.0	--	--	< 0.025	--
TR9-8.5	8.5	5/21/2007	< 1.0	--	< 5.0	--	--	--	--
TR10-3	3	5/21/2007	< 1.0	8.1	64	--	--	< 0.025	ND
TR10-5.5	5.5	5/21/2007	< 1.0	1.7	6.9	ND	ND	--	--
TR10-8.5	8.5	5/21/2007	< 1.0	< 1.0	< 5.0	--	--	--	--
TR11-2.5	2.5	5/21/2007	< 1.0	--	31	ND	--	< 0.025	--
TR11-6	6	5/21/2007	< 1.0	--	< 5.0	--	ND	--	--
TR11-8.5	8.5	5/21/2007	< 1.0	--	< 5.0	ND	--	--	--
TR12-2.5	2.5	5/21/2007	< 1.0	--	< 5.0	--	--	< 0.025	ND
TR12-5.5	5.5	5/21/2007	< 1.0	--	44	ND	--	--	--
TR12-8.5	8.5	5/21/2007	< 1.0	--	< 5.0	ND	--	--	--
TR13-2.5	2.5	5/21/2007	< 1.0	< 1.0	< 5.0	--	ND	< 0.025	--
TR13-5.5	5.5	5/21/2007	< 1.0	< 1.0	< 5.0	--	--	< 0.025	--
TR13-8	8	5/21/2007	< 1.0	< 1.0	< 5.0	ND	--	--	--
TR14-2.5	2.5	5/21/2007	< 1.0	< 1.0	< 5.0	ND	--	< 0.025	ND
TR14-5	5	5/21/2007	< 1.0	< 1.0	< 5.0	ND	ND	--	--
TR14-7.5	7.5	5/21/2007	< 1.0	< 1.0	< 5.0	--	--	--	--
TR15-2.5	2.5	5/21/2007	< 1.0	75	110	--	--	< 0.025	--
TR15-5	5	5/21/2007	< 1.0	--	46	ND	--	--	ND
TR15-8	8	5/21/2007	< 1.0	--	19	ND	ND	--	--

Notes:

mg/kg - milligrams per kilograms

TPHg - Total Petroleum Hydrocarbons as Gasoline, EPA Method 8015M

TPHd - Total Petroleum Hydrocarbons as Diesel Range, EPA Method 8015M

TPH(mo) - Total Petroleum Hydrocarbons as Motor Oil

VOCs - Volatile Organic Compounds, EPA 8260B

SVOCs - Semi volatile organic compounds, EPA Method 8270

PCBs - Poly chlorinated biphenols

< 1.0 - Analyte was not detected above the laboratory reporting limit (1.0 mg/kg)

ND - Not detected at or above the laboratory reporting limit

-- Not Analyzed

Table 2
Soil Analytical Results for Total Metals
Sunnyvale Town Center Block 1
Sunnyvale, California
Project: 4589.01

Sample ID	Depth feet	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
TR7-3	3	5/21/2007	-	-	<0.5	4	160	0.54	<1.5	73	~	6.9	-	-	66	~	-	-	68
TR7-6	6	5/21/2007	-	-	-	-	0.25	65	12	30	7.3	0.038	0.71	~	<0.5	<0.5	60	53	
TR7-8	8	5/21/2007	-	-	3.9	170	0.52	<0.25	64	12	31	6.7	0.039	0.69	65	<0.5	<0.5	59	53
TR8-3.5	3.5	5/21/2007	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TR8-6	6	5/21/2007	-	-	-	-	-	-	-	-	-	6.8	-	-	-	-	-	-	
TR8-8.5	8.5	5/21/2007	-	-	-	-	-	-	-	-	-	7.6	-	-	-	-	-	-	
TR9-2.5	2.5	5/21/2007	-	-	-	-	<1.5	76	-	~	7.8	~	-	68	-	-	-	64	
TR9-6	6	5/21/2007	-	-	-	-	<0.5	38	9.5	31	6.2	0.032	0.92	41	<0.5	<0.5	48	46	
TR9-8.5	8.5	5/21/2007	<0.5	2.9	89	<0.5	<0.25	38	9.5	31	6.2	0.032	0.92	41	<0.5	<0.5	-	-	
TR10-3	3	5/21/2007	-	-	-	-	-	-	-	-	-	9.5	-	-	-	-	-	-	
TR10-5.5	5.5	5/21/2007	-	-	-	-	<1.5	92	-	-	9.3	-	-	84	-	-	-	78	
TR10-8.5	8.5	5/21/2007	0.51	4.9	140	0.55	<0.25	64	14	33	7.1	0.034	0.68	77	<0.5	<0.5	63	59	
TR11-2.5	2.5	5/21/2007	-	-	-	-	-	-	-	-	-	24	-	-	-	-	-	-	
TR11-6	6	5/21/2007	<0.5	4.2	170	0.55	<0.25	65	14	32	6.4	0.034	0.56	70	<0.5	<0.5	63	56	
TR11-8.5	8.5	5/21/2007	-	-	-	-	<1.5	64	-	-	7.1	-	-	74	-	-	-	58	
TR12-2.5	2.5	5/21/2007	<0.5	4.3	170	0.57	<0.25	67	14	33	7.9	0.035	0.73	73	<0.5	<0.5	64	61	
TR12-5.5	5.5	5/21/2007	-	-	-	-	<1.5	69	-	-	8	-	-	72	-	-	-	64	
TR12-8.5	8.5	5/21/2007	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TR13-2.5	2.5	5/21/2007	-	-	-	-	<1.5	80	-	-	5.7	-	-	76	-	-	-	64	
TR13-5.5	5.5	5/21/2007	-	-	-	-	-	-	-	-	7.2	-	-	-	-	-	-	-	
TR13-8	8	5/21/2007	-	-	-	-	<1.5	79	-	-	6.8	-	-	84	-	-	-	71	
TR14-2.5	2.5	5/21/2007	-	-	-	-	-	-	-	-	6.2	-	-	-	-	-	-	-	
TR14-4.5	5	5/21/2007	-	-	-	-	<1.5	69	-	-	6.7	-	-	70	-	-	-	60	
TR14-7.5	7.5	5/21/2007	-	-	-	-	-	-	-	-	7.7	-	-	-	-	-	-	-	
TR15-2.5	2.5	5/21/2007	0.32	3.4	1200	<0.5	1	63	16	47	11	0.43	2.1	77	0.93	<0.5	87	88	
TR15-5	5	5/21/2007	-	-	-	<0.5	90	-	-	<5.0	-	-	58	-	-	-	85	-	
TR15-8	8	5/21/2007	-	-	-	-	-	-	-	-	9.4	-	-	-	-	-	-	-	

Notes:

mg/Kg - milligrams per kilograms

- Not analyzed

<0.5 - Analyte was not detected above the laboratory reporting limit (5.0 mg/kg).

Table 3
Soil Analytical Results
Sunnyvale Town Center Block 2
Sunnyvale, California
Project: 4589.01

Sample ID	Depth feet	Date Sample	TPHg	TPHd	TPH(mo)	VOCs	SVOCs	PCB's	Asbestos
			mg/kg						%
TR16-3.5	3.5	05/21/07	< 1.0	2.9	9.9	--	--	< 0.025	ND
TR16-6	6	05/21/07	< 1.0	< 1.0	< 5.0	ND	ND	--	--
TR17-4	4	05/21/07	< 1.0	< 1.0	< 5.0	--	--	--	--
TR17-6.5	6.5	05/21/07	< 1.0	2.1	< 5.0	--	--	--	--
TR18-3.5	3.5	05/21/07	< 1.0	1.2	< 5.0	--	--	--	--
TR18-6	6	05/21/07	< 1.0	1.8	6.7	ND	--	--	ND
TR19-3	3	05/21/07	< 1.0	13.0	22	ND	--	< 0.025	--
TR19-6	6	05/21/07	< 1.0	10.0	36	--	ND	--	--
TR20-3.5	3.5	05/21/07	< 1.0	< 1.0	< 5.0	ND	--	--	ND
TR20-5.5	5.5	05/21/07	< 1.0	< 1.0	< 5.0	--	--	--	--
TR21-3.5	3.5	05/21/07	< 1.0	< 1.0	< 5.0	ND	--	< 0.025	--
TR21-6	6	05/21/07	< 1.0	< 1.0	< 5.0	--	--	--	--
TR22-3.5	3.5	05/21/07	< 1.0	2.1	13	--	ND	< 0.025	--
TR22-6	6	05/21/07	< 1.0	< 1.0	< 5.0	--	--	--	--
TR22-14	14	05/21/07	--	--	--	--	--	--	ND
TR23-3	3	05/21/07	< 1.0	9.1	61	--	--	--	--
TR23-6	6	05/21/07	< 1.0	1.5	< 5.0	--	--	--	ND
TR24-3.5	3.5	05/21/07	< 1.0	< 1.0	< 5.0	--	--	< 0.025	--
TR24-5.5	8.5	05/21/07	< 1.0	< 1.0	< 5.0	--	ND	--	--
TR25-3.5	3.5	05/21/07	< 1.0	< 1.0	< 5.0	ND	--	--	--
TR25-6	6	05/21/07	< 1.0	< 1.0	< 5.0	--	--	--	--
TR25-8.5	8.5	5/21/2007	--	--	--	--	--	--	ND
TR26-3	3	05/21/07	< 1.0	< 1.0	< 5.0	--	--	< 0.025	--
TR26-6.5	6.5	05/21/07	< 1.0	1.4	< 5.0	ND	--	--	--
TR27-2.5	2.5	05/21/07	< 1.0	160	310	--	--	--	ND
TR27-5.5	5.5	05/21/07	< 1.0	8.7	25	ND	ND	--	--

Notes:

mg/kg - milligrams per kilograms

TPHg - Total Petroleum Hydrocarbons as Gasoline, EPA Method 8015M

TPHd - Total Petroleum Hydrocarbons as Diesel Range, EPA Method 8015M

TPH(mo) - Total Petroleum Hydrocarbons as Motor Oil

VOCs - Volatile Organic Compounds, EPA 8260B

SVOCs - Semi volatile organic compounds, EPA Method 8270

PCBs - Poly chlorinated biphenols

< 1.0 - Analyte was not detected above the laboratory reporting limit (1.0 mg/kg)

-- Not Analyzed

ND - Not detected at or above the laboratory reporting limit

Table 4
Soil Analytical Results for Total Metals
Sunnyvale Town Center Block 2
Sunnyvale, California
Project: 4599.01

Sample ID	Depth (feet)	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead (STLC)	Lead (TCLP)	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
TR16-3.5	2.5	05/21/07	<0.5	3.4	140	<0.5	<1.5	84	19	38	6.5	-	<0.05	71	<0.5	<0.5	<0.5	96	67
TR16-6	6	05/21/07	-	-	-	-	-	-	-	-	<5.0	-	-	-	-	-	-	-	-
TR17-4	4	05/21/07	-	-	-	-	-	-	-	-	6.7	-	-	-	-	-	-	-	-
TR17-6.5	6.5	05/21/07	-	-	-	-	-	<1.5	53	-	<5.0	-	-	-	-	-	-	-	-
TR18-3.5	3.5	05/21/07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46
TR19-3	3	05/21/07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TR19-6	6	05/21/07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TR20-3.5	3.5	05/21/07	-	-	-	-	-	<1.5	61	-	<5.0	-	-	-	-	-	-	-	50
TR20-5.5	5.5	05/21/07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TR21-3.5	3.5	05/21/07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TR21-6	6	05/21/07	<0.5	4.9	160	0.52	-	57	13	30	7	-	0.063	65	<0.5	<0.5	<0.5	59	58
TR22-3.5	3.5	05/21/07	-	-	-	-	-	-	-	-	12	-	-	-	-	-	-	-	-
TR22-6	6	05/21/07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TR23-3	3	05/21/07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TR23-6	6	05/21/07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TR24-3.5	3.5	05/21/07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TR24-5.5	5.5	05/21/07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TR25-3.5	3.5	05/21/07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TR25-6	6	05/21/07	-	-	-	-	-	<1.5	51	-	<5.0	-	-	-	-	-	-	-	40
TR26-3	3	05/21/07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TR26-6.5	6.5	05/21/07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TR27-2.5	2.5	05/21/07	-	-	-	-	-	<1.5	64	-	<5.0	-	-	-	-	-	-	-	63
TR27-5.5	7.5	05/21/07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

mg/kg - milligrams per kilograms

STLC - California Soluble Threshold Limit Concentration

TCLP - Federal Toxicity Characteristic Leaching Potential Analysis

- Not analyzed

< 0.5 - Analyte was not detected above the laboratory reporting limit (5.0 mg/kg).

Table 1
Shallow Groundwater Elevation Summary
Sunnyvale Town Center Redevelopment Site
Sunnyvale, California

Well ID	Installation Date	Monitoring Date	Borehole	Casing	Depth to Bottom of Casing	Depth to Top of Screen	Depth to Bottom of Screen	Top of Casing Elevation	Depth to Water	Groundwater Elevation
			Diameter inches	Diameter inches	feet	feet	feet	feet msl	feet	feet msl
MW-1	11/28/06	NM	8	2	43.0	33.0	43.0	--	NM	--
	abandoned	08/07/07							--	--
MW-2	11/27/06	NM	8	2	43.0	33.0	43.0	101.22	NM	--
	08/13/07								32.45	69.42
	04/09/08								34.01	67.21
	05/21/08								33.95	67.27
MW-3	11/27/06	NM	8	2	37.0	32.0	37.0	--	NM	--
	08/13/07								33.09	
	04/09/08								NM	--
	05/21/08								34.50	
MW-4	01/19/07	01/22/07	8	2	40.0	30.0	40.0	97.29	30.41	66.88
	abandoned	08/06/07							--	--
MW-5	01/18/07	01/22/07	8	2	39.0	29.0	39.0	97.2	29.39	68.25
	08/13/07								31.63	66.01
	04/09/08								32.95	64.25
	05/21/08								33.09	64.11
MW-6	01/17/07	01/20/07	8	2	38.5	28.5	38.5	96.29	29.97	66.32
	08/13/07								30.46	66.18
	04/09/08								31.52	64.77
	05/21/08								31.66	64.63
MW-7	01/16/07	01/19/07	8	2	40.0	30.0	40.0	99.93	31.51	68.83
	08/13/07								32.22	68.12
	04/09/08								33.52	66.41
	05/21/08								33.65	66.28
MW-8	01/01/07	01/22/07	8	2	39.0	29.0	39.0	96.77	29.65	67.12
	08/13/07								30.32	67.06
	04/09/08								31.41	65.36
	05/21/08								31.52	65.25
MW-9	01/18/07	01/20/07	8	2	39.5	29.5	39.5	98.86	31.29	67.57
	08/13/07								31.97	67.19
	04/09/08								33.15	65.71
	05/21/08								33.30	65.56
MW-10	01/15/07	01/17/07	8	2	45.0	35.0	45.0	108.09	38.12	69.97
	abandoned	08/06/07							--	--
MW-11	01/16/07	01/17/07	8	2	40.5	30.5	40.5	100.79	32.37	68.42
	abandoned	08/07/07							--	--
MW-12	01/16/07	01/17/07	8	2	40.0	30.0	40.0	100.23	33.02	67.21
	08/13/07								33.08	67.64
	04/09/08								34.32	65.91
	05/21/08								34.39	65.84
MW-13	01/17/07	01/19/07	8	2	45.0	30.0	45.0	100.67	32.50	68.17
	08/13/07								32.74	68.46
	04/09/08								34.01	66.66
	05/21/08								34.18	66.49
MW-14	01/17/07	01/19/07	8	2	40.0	30.0	40.0	104.21	32.91	71.30
	08/13/07								34.04	70.69
	05/21/08								35.45	68.76
Macy MW-1	11/30/05	NM	8	2	20.0	5.0	20.0	--	Dry	--
	abandoned	08/07/07							--	--
Macy MW-2	11/30/05	NM	8	2	50.0	25.0	50.0	--	NM	--
	abandoned	08/06/07							--	--

Notes:

Elevations in North American Vertical Datum 1988 (NAVD 88)
Surveyed by Silicon Valley Land Surveying, Inc., 5 February 2007

NM = not measured

-- = not applicable

msl = mean sea level

TABLE 2

Groundwater Sample Analytical Results - VOCs
Sunnyvale Town Center Mall
Sunnyvale, California

Sample ID	Sample Depth (feet below ground surface)	Lab Sample ID	Sample Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)	Other VOCs
		EPA Method	8260B	8260B	8260B	
		Units	ppb**	ppb**	ppb**	
GOLDER		ESLs - (groundwater)	5.0	5.0	varies	
TCM-1	53261-06	11/11/06	ND*	ND*	ND*	
TCM-2	53261-12	11/8/06	ND*	ND*	ND*	
TCM-3	53261-18	11/8/06	ND*	ND*	ND*	
TCM-4	53261-24	11/8/06	ND*	ND*	ND*	
TCM-5	53285-18	11/10/06	ND*	ND*	ND*	
TCM-6	53262-06	11/9/06	ND*	ND*	Yes (Note 1)	
TCM-7	53285-13	11/10/06	0.9	ND*	ND*	
TCM-8	53262-11	11/9/06	4.8	ND*	Yes (Note 2)	
TCM-9	53262-17	11/9/06	ND*	ND*	ND*	
TCM-10	53285-06	11/10/06	50.0	ND*	ND*	
MW-1	53616-01	11/30/06	ND*	ND*	ND*	
MW-2	53616-02	11/30/06	8.1	ND*	ND*	
MW-3	53616-03	11/30/06	130.0	ND*	ND*	
Macy's MW-2	53673-01	12/04/06	ND*	ND*	ND*	
MW-4	0701114-005	1/22/07	ND*	ND*	ND*	
MW-5	0701114-003	1/22/07	1,150.0	ND*	ND*	
MW-6	0701114-001	1/20/07	128.0	ND*	ND*	
MW-7	00701102-002	1/19/07	7.0	ND*	ND*	
MW-8	0701114-004	1/22/07	2,270.0	ND*	ND*	
MW-9	0701114-002	1/20/07	116.0	ND*	ND*	
MW-10	0701079-001	1/18/07	ND*	ND*	ND*	
MW-11	0701079-002	1/18/07	ND*	ND*	ND*	
MW-12	00701102-001	1/18/07	3.0	ND*	ND*	
MW-13	00701102-003	1/19/07	ND*	ND*	ND*	
MW-14	00701102-004	1/19/07	15.7	ND*	ND*	
URS						
GP-1-W	30-40	0701037-021	01/08/07	1,310	2.63	ND*
GP-2-W	30-40	0701037-022	01/08/07	784	<0.40	ND*
GP-3-W	20-25	0701046-001	01/09/07	324	<0.50	ND*
GP-4-W	19-24	0701046-002	01/09/07	259	<0.50	ND*
GP-5-W	19-24	0701046-003	01/10/07	275	<0.50	ND*
GP-6-W	19-24	0701046-004	01/10/07	261	<0.50	ND*
GP-7-W	14-24	0701046-005	01/10/07	551	<0.50	ND*
GP-8-W	14-24	0701046-006	01/10/07	810	<0.50	ND*

Notes:

**ug/L = micrograms per kilogram, ppb = parts per billion. ppb equivalent to ug/L

ESLs = Environmental Screening Levels for groundwater as developed by the San Francisco Bay

Regional Water Quality Control Board, February 2005.

ND = Not Detected. See analytical laboratory reports for individual detection limits.

* = All other VOCs on the B260 list were not detected.

-- = Not analyzed

Bold indicates value exceeds ESL.

The symbol "<" (less than) indicates that the analyte was not detected at a concentration above the laboratory detection limit specified.

Note 1: Chloroform = 0.51 ppb, Bromodichloromethane - 0.58 ppb.

Note 2: Chloroform = 1.0 ppb, Bromodichloromethane - 0.70 ppb, Dibromochloromethane - 0.58 ppb.

Depth to groundwater and soil sample depths are presented as depth below existing ground surface, including the southeastern parking structure lower level floor (GP-3 through GP-8). No elevation survey has been completed to correlate the referenced depths.

Table 6
Grab Groundwater VOC Results
Sunnyvale Town Center Redevelopment Site
Sunnyvale, California

Location	Date Collected	Depth	Dip	PCB	2-butanone	Acetone	Butanone	Chloroform	Bromo-chloroform	Dichloromethane	Tetrahydrofuran	cis-1,2-Dichloroethene	Dibromoethane	Toluene	TCE	All other VOCs	
EPA MCL				5	NE	6,200	NE	70	NE	0.5	NE	150	6	NE	5	NE	
ESL (Res)		120	NE	NE	5.1 x 10 ³	NE	1,100	NE	1,100	6.3	6,200	170	310,000	310	NE		
ESL (Cont)		420	NE	1.5 x 10 ³	NE	NE	560	1,100	31	17,000	\$10,000	570	1,800	NE			
CHT-06	5/23/2008	35	< 0.5	< 10	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	6/23/2008	57	< 0.5	< 10	< 10	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	6/23/2008	76	< 0.5	< 10	< 10	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	6/23/2008	92	< 0.5	< 10	< 10	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	6/23/2008	Y	92	< 0.5	< 10	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	6/23/2008	113	< 0.5	< 10	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
CHT-08	6/30/2008	37	< 1.0	< 10	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	6/30/2008	60	86	40	< 10	< 10	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	6/30/2008	Y	86	40	< 10	< 10	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	6/30/2008	96	< 0.5	< 10	< 10	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
CHT-09	6/29/2008	48	100	< 3	< 23	< 1.7	< 1.7	< 1.7	< 1.7	< 1.3	< 1.3	< 1.7	< 1.7	< 1.7	< 1.7	ND	
	6/26/2008	71	21	< 10	< 10	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	6/26/2008	71	22	< 10	< 10	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	6/26/2008	85	< 0.5	< 10	< 10	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	6/26/2008	103	< 0.5	< 10	< 10	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
CHT-10	6/16/2008	35	240	< 130	< 6.3	< 6.3	< 6.3	< 6.3	< 13	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	ND	
	6/16/2008	47	99	< 10	< 10	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	6/16/2008	47	97	< 17	< 17	< 0.8	< 0.8	< 0.8	< 1.7	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	ND	
	6/16/2008	53	11	< 10	< 10	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	6/16/2008	100	23	< 10	< 10	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
CHT-11	6/24/2008	52	1	< 10	< 10	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	6/24/2008	52	1.3	< 10	< 10	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	6/24/2008	65	10	< 10	< 10	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	6/26/2008	103	< 0.5	< 10	< 10	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
CHT-12	6/26/2008	62	< 0.5	< 10	< 10	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	6/27/2008	96	27	11	< 10	< 10	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	6/27/2008	116	11	< 10	< 10	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	6/27/2008	Y	116	11	< 10	< 10	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
CHT-13	6/19/2008	37	86	< 10	< 10	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	6/19/2008	57	110	< 10	< 10	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	6/26/2008	62	< 0.5	< 10	< 10	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	6/27/2008	96	27	11	< 10	< 10	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	6/27/2008	116	11	< 10	< 10	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	6/27/2008	Y	116	11	< 10	< 10	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
CHT-14	6/19/2008	24	359	100	100	100	100	100	100	100	100	100	100	100	100	100	
	6/19/2008	71	18	< 10	< 10	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
CHT-41	1/21/2007	-40	1310	NH	< 129	NH	< 129	< 0.65	< 0.55	< 1.29	< 0.55	< 0.65	< 0.65	< 0.65	< 0.65	ND	
CHT-42	1/21/2007	40	274	NH	< 129	NH	< 129	< 0.65	< 0.55	< 1.29	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	ND	
CHT-43	1/21/2007	25	224	NH	< 100	NH	< 1	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
CHT-44	1/21/2007	24	359	NH	< 100	NH	< 1	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
GI-45	1/10/2007	24	275	NH	< 100	NH	< 1	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
GI-46	1/10/2007	24	261	NH	< 100	NH	< 1	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
GI-47	1/10/2007	24	351	NH	< 100	NH	< 1	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
GI-48	1/10/2007	24	310	NH	< 100	NH	< 1	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
HW-61	11/23/2006	38	< 10	NH	NH	NH	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
HW-62	8/14/2007	35	12	< 10	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	5/21/2008	37	13	< 10	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	11/10/2006	38	8.1	NH	NH	NH	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
HW-62-HWC	1/21/2007	< 0.5	37.5	NH	NH	NH	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
HW-63	11/10/2006	34.5	120	NH	NH	NH	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	
	8/14/2007	35	120	< 14	< 0.7	< 0.7	< 0.7	< 0.7	< 1.4	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	ND
	5/21/2008	36.5	81	< 10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND

Table 6
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Location	Date Collected	Depth	PCE	2-Bromotoluene	Astetene	Carbon Disulfide	Chloroform	Bromo-chloromethane	Bromo-dichloromethane	Bromo-tetrachloroethane	Carbon tetrachloride	Dibromo-chloromethane	Toluene	TCCE	All other VOCs
EPA MCL		5	NE	6,300	NE	7D	NE	NE	NE	6	NE	150	5	NE	
ESL (Res)		12D	NE	5.3 x 10 ³	NE	33D	NE	1,100	NE	1,100	NE	380,000	330	NE	
ESL (Com)		42D	NE	1.5 x 10 ³	NE	50D	NE	50D	NE	31	17D, 30D	570	530,000	1,800	NE
MHW-04	1/23/2007	25	< 0.5	NE	< 1	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
MHW-05	1/23/2007	34	1150	< 100	NH	< 1	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
MHW-06	9/14/2007	34	1000	< 100	NH	< 71	< 71	< 71	< 14	< 71	< 71	< 71	< 71	< 71	ND
MHW-06	5/23/2008	36	920	< 10	< 0.5	< 0.5	< 0.5	< 0.5	< 10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
MHW-06	1/29/2007	33.5	12D	NE	< 100	NH	< 1	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
MHW-06	8/17/2007	33.5	14D	< 25	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 2.5	< 1.3	< 1.3	< 1.3	< 1.3	ND
MHW-06	5/23/2008	35	80	< 10	< 0.5	< 0.5	< 0.5	< 0.5	< 10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
MHW-07	1/19/2007	35	7	NH	< 100	NH	< 1	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
MHW-08	8/17/2007	35	6.7	< 10	< 10	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	ND
MHW-08	1/23/2007	34	237D	NE	< 100	NH	< 1	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	ND
MHW-08	8/14/2007	34.5	210D	< 250	< 13	< 13	< 13	< 13	< 25	< 13	< 13	< 13	< 13	< 13	ND
MHW-08	5/23/2008	36	1850	< 200	< 200	< 10	< 10	< 10	< 20	< 10	< 10	< 10	< 10	< 10	ND
MHW-08	5/23/2008	36	1800	< 200	< 200	< 10	< 10	< 10	< 20	< 10	< 10	< 10	< 10	< 10	ND
MHW-09	1/20/2007	34.5	116	< 100	NH	< 1	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	ND
MHW-09	8/13/2007	34.5	63	< 10	< 10	< 0.5	< 0.5	< 0.5	< 0.5	< 10	< 10	< 10	< 10	< 10	ND
MHW-09	5/23/2008	37	56	< 10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10	< 10	< 10	< 10	< 10	ND
MHW-10	4/16/2007	40	< 0.5	NH	< 100	NH	< 1	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
MHW-11	1/16/2007	33.5	< 0.5	NH	< 100	NH	< 1	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
MHW-12	1/16/2007	35	3.04	NH	< 1	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
MHW-12	8/13/2007	36	2	< 10	< 10	< 0.5	< 0.5	< 0.5	< 10	< 10	< 10	< 10	< 10	< 10	ND
MHW-13	5/23/2008	38	1.6	< 10	< 10	< 0.5	< 0.5	< 0.5	< 10	< 10	< 10	< 10	< 10	< 10	ND
MHW-13	8/14/2007	35	< 0.5	< 10	< 10	< 0.5	< 0.5	< 0.5	< 10	< 10	< 10	< 10	< 10	< 10	ND
MHW-13	5/23/2008	37.5	< 0.5	< 100	NH	< 1	< 0.5	< 0.5	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
MHW-14	1/16/2007	35	15.7	< 100	NH	< 1	< 0.5	< 0.5	< 1	< 10	< 10	< 10	< 10	< 10	ND
MHW-14	8/14/2007	36	24	< 10	< 10	< 0.5	< 0.5	< 0.5	< 10	< 10	< 10	< 10	< 10	< 10	ND
MHW-14	5/23/2008	39	25	< 10	< 10	< 0.5	< 0.5	< 0.5	< 10	< 10	< 10	< 10	< 10	< 10	ND
TCH-01	11/19/2006	44	< 0.5	NH	NH	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
TCH-02	11/19/2006	44	< 0.5	NH	NH	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
TCH-03	11/19/2006	44	< 0.5	NH	NH	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
TCH-04	11/19/2006	44	< 0.5	NH	NH	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
TCH-05	11/19/2006	44	< 0.5	NH	NH	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
TCH-06	11/19/2006	44	< 0.5	NH	NH	0.51	0.58	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
TCH-07	11/19/2006	44	0.47	NH	NH	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
TCH-08	11/19/2006	44	< 0.5	NH	NH	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
TCH-09	11/19/2006	44	< 0.5	NH	NH	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
TCH-10	11/19/2006	49	50	NH	NH	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND
TCH-04	3/16/2007	34	24	< 10	< 10	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	ND
TCH-04	3/16/2007	46	57	< 10	< 10	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	ND
TCH-04	3/16/2007	54	< 0.5	< 10	< 10	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	ND
TCH-04	3/16/2007	63	1.1	< 10	< 10	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	ND

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Location	Data Collected	Depth	PCE	2-Bromotoluene	Acetone	Carbon Disulfide	Chloroform	Bromo-chloromethane	Dichloromethane	Ethene	Tetrachloroethylene	Toluene	TCPE	All other VOCs
EPFA-NCL		5	NE	6,300	NE	70	NE	NE	NE	6	NE	150	5	NE
ESI (Res)		120	NE	5.4 x 10 ⁷	NE	330	NE	1,000	1,000	31	6,200	300,000	330	NE
ESI (Cont)		420	NE	1.5 x 10 ³	NE	1,100	NE	560	1,000	31	17,000	570	\$10,000	1,800
TR-42	3/18/2007	15	<10	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	ND
TR-43	3/18/2007	22	<10	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	ND
TR-43	3/18/2007	68	<10	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	ND
TR-43	3/17/2007	47	<0.5	<10	<10	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	ND
TR-43	3/17/2007	68	<0.5	<10	<10	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	ND
TR-44	3/18/2007	82	<10	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	ND
TR-44	3/18/2007	23	1,000	<200	<10	<10	<10	<10	<10	<20	<10	<10	<10	ND
TR-44	3/18/2007	56	54	<10	<10	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	ND
TR-44	3/18/2007	68	<10	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	ND
TR-45	3/18/2007	32	<10	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	ND
TR-45	3/18/2007	33	110	<14	<14	<0.7	<0.7	<0.7	<0.7	<1.4	<0.7	<0.7	<0.7	ND
TR-45	3/18/2007	47	<10	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	ND
TR-45	3/18/2007	57	59	<10	<10	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	ND
TR-45	3/18/2007	71	17	<10	<10	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	ND
TR-46	3/18/2007	35	<0.5	<10	<10	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	ND
TR-46	3/18/2007	56	<0.5	<10	<10	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	ND
TR-46	3/18/2007	68	<0.5	<10	<10	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	ND
TR-47	3/18/2007	34	<10	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	ND
TR-47	3/18/2007	56	0.6	<10	<10	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	ND
TR-47	3/17/2007	72	<0.5	<10	<10	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	ND
TR-48	3/18/2007	35	<10	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	ND
TR-48	3/18/2007	33	<0.5	<10	<10	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	ND
TR-48	3/18/2007	42	1.6	<10	<10	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	ND
TR-48	3/18/2007	51	110	<14	<14	<0.7	<0.7	<0.7	<0.7	<1.4	<0.7	<0.7	<0.7	ND
TR-49	3/18/2007	70	18	<10	<10	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	ND
TR-49	3/17/2007	54	<0.5	<10	<10	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	ND
TR-49	3/17/2007	72	<0.5	<10	<10	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	ND
TR-49	3/17/2007	87	<0.5	<10	<10	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	ND
TR-49	3/18/2007	35	<10	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	ND
TR-49	3/18/2007	57	1.6	<10	<10	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	ND
TR-49	3/18/2007	72	<0.5	<10	<10	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	ND
TR-49	3/18/2007	33	<0.5	<10	<10	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	ND
TR-49	3/17/2007	37	<0.5	<10	<10	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	ND
TR-49	3/17/2007	64	98	<10	<10	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	ND
TR-49	10/17/2007	70	2.1	<10	<10	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	ND
TR-49	10/17/2007	124	0.7	<10	25	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	ND
TR-49	3/18/2007	38	<0.5	<10	<10	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	ND
TR-49	6/21/2007	54	<10	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	ND
TR-49	6/22/2007	75	<0.5	<10	<10	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	ND
TR-49	6/23/2007	105	5.2	<10	<10	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	ND
TR-49	6/24/2007	115	0.4	<10	<10	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	ND
TR-49	6/24/2007	115	<0.5	<10	<10	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	ND
TR-49	6/24/2007	122	<0.5	<10	<10	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	ND

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Location	Date Collected	Depth	PCE	2-Butanone	Acetone	Carbon Disulfide	Chloroform	Bromo-chloromethane	Styrene-dichloromethane	Dibromo-chloromethane	Toluene	TCE	All other VOCs
EPA HCL		5	NE	6,300	NE	70	NE	NE	NE	6,3	150	5	NE
ESL (Res)		1,20	NE	5.3 x 10 ⁷	NE	333	NE	1,100	1,100	1,100	170	380,000	530
ESL (Com)		420	NE	1.5 x 10 ⁸	NE	1,100	NE	560	31	17,000	570	530,000	1,800
TR-31	9/22/2007	34	< 10	< 10	13	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5
	9/23/2007	21	< 10	< 10	10	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5
	9/23/2007	67	< 10	< 10	20	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5
	9/23/2007	140	< 0.5	< 10	20	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5
	9/23/2007	155	< 0.5	< 10	54	0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5
TR-32	9/24/2007	32	4	< 10	19	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5
	9/24/2007	66.5	1.0	< 10	62	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5
	9/25/2007	119	< 0.5	< 10	72	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5
	9/25/2007	140	< 0.5	< 10	27	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5
TR-33	9/25/2007	39	< 0.5	< 10	10	< 0.5	0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5
	9/29/2007	74	< 0.5	< 10	20	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5
	9/30/2007	53	< 0.5	< 10	39	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5
	9/30/2007	119	< 0.5	< 10	46	0.7	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5
TR-34-2007	8/23/2007	56	< 0.5	< 10	10	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5
	8/23/2007	73	< 0.5	< 10	10	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5
TR-34	6/17/2008	38	260	< 40	< 20	< 2.0	< 2.0	< 2.0	< 1.0	< 1.0	< 2.0	< 2.0	< 2.0
	6/21/2008	63	< 0.5	< 10	30	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5
	6/24/2008	100	< 0.5	< 10	46	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5
TR-35	6/18/2008	35	1.1	< 10	10	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5
	6/20/2008	53	24	< 10	10	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5
	6/20/2008	75	2	< 10	10	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5
	6/20/2008	97	< 0.5	< 10	10	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5
TR-36	6/23/2008	37	3.1	< 10	10	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5
	7/1/2008	58	36	< 10	10	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5
	7/1/2008	58	31	< 10	10	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5
	6/22/2008	69	< 0.5	< 10	10	< 0.5	0.8	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5
	6/22/2008	93	< 0.5	< 10	10	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5
	6/23/2008	100	< 0.5	< 10	10	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5
	6/27/2008	116	< 0.5	< 10	10	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5
WATER DRUG	9/25/2007	1	< 10	10	39	< 0.5	2	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5
Quality Control Samples													
Enlargement Blanks	3/17/2007	< 0.5	< 10	10	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5
	3/18/2007	< 0.5	< 10	10	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5
	8/13/2007	< 0.5	< 10	10	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5
	8/21/2007	< 0.5	< 10	10	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5
	8/23/2007	< 0.5	< 10	10	< 0.5	< 0.5	< 0.5	< 0.5	2.0	2.0	< 0.5	< 0.5	< 0.5
	8/23/2007	< 0.5	< 10	10	< 0.5	< 0.5	< 0.5	< 0.5	1.2	1.2	< 0.5	< 0.5	< 0.5
	8/23/2007	< 0.5	< 10	10	< 0.5	< 0.5	< 0.5	< 0.5	1.0	1.0	< 0.5	< 0.5	< 0.5
	8/23/2007	< 0.5	< 10	10	< 0.5	< 0.5	< 0.5	< 0.5	0.5	0.5	< 0.5	< 0.5	< 0.5
	8/24/2007	< 0.5	< 10	10	< 0.5	< 0.5	< 0.5	< 0.5	0.5	0.5	< 0.5	< 0.5	< 0.5
	9/24/2007	< 0.5	< 10	10	< 0.5	< 0.5	< 0.5	< 0.5	0.5	0.5	< 0.5	< 0.5	< 0.5
	5/21/2008	< 0.5	< 10	10	< 0.5	< 0.5	< 0.5	< 0.5	0.5	0.5	< 0.5	< 0.5	< 0.5

Table 7
Groundwater Results
Total Petroleum Hydrocarbons
Sunnyvale Town Center Redevelopment Site
Sunnyvale, California

Sample ID	Date Collected	Depth (feet bgs)	TPH - Gasoline	TPH - Diesel without Silica Gel Cleanup	TPH Diesel with Silica Gel Cleanup	TPH - Motor Oil without Silica Gel Cleanup	TPH Motor Oil with Silica Gel Cleanup
				Method	GC-MS	8015M	
μg/L							
MW-01	11/30/2006	38	< 50	--	< 50	--	< 100
MW-02	11/30/2006	38	< 50	--	< 50	--	< 100
MW-02-MACY'	12/4/2006	37.5	< 50	--	< 50	--	< 100
MW-03	11/30/2006	34.5	190	--	< 50	--	< 100
MW-04	1/22/2007	35	< 50	< 28	--	< 14	--
MW-05	1/22/2007	34	< 50	< 28	--	< 14	--
MW-06	1/20/2007	33.5	< 50	< 28	--	< 14	--
MW-07	1/19/2007	35	< 50	< 28	--	< 14	--
MW-08	1/22/2007	34	< 50	< 28	--	< 14	--
MW-09	1/20/2007	34.5	< 50	< 28	--	< 14	--
MW-10	1/18/2007	40	< 50	< 28	--	< 14	--
MW-11	1/18/2007	35.5	< 50	< 28	--	< 14	--
MW-12	1/18/2007	35	< 50	< 28	--	< 14	--
MW-13	1/19/2007	37.5	< 50	< 28	--	< 14	--
MW-14	1/19/2007	35	< 50	< 28	--	< 14	--
TCM-01*	11/8/2006	44	< 50	53	--	< 100	--
TCM-02*	11/8/2006	44	< 50	57	< 50	< 100	< 100
TCM-03*	11/8/2006	44	< 50	440	320	850	470
TCM-04*	11/8/2006	44	< 50	< 50	--	< 100	--
TCM-05*	11/10/2006	44	< 50	< 50	--	< 100	--
TCM-06*	11/9/2006	44	< 50	84	< 50	110	< 100
TCM-07*	11/10/2006	44	< 50	85	--	< 100	--
TCM-08*	11/9/2006	44	87	220	66	< 100	< 100
TCM-09*	11/9/2006	44	< 50	94	< 50	310	170
TCM-10*	11/10/2006	40	< 50	< 50	--	< 100	--

Notes:

feet bgs = feet below ground surface

TPH = total petroleum hydrocarbons

GC-MS = gas chromatograph/mass spectrometer

samples collected by T&R except where noted

* = samples collected by Golder Associates

μg/L = micrograms per liter

-- Not analyzed

< 50 = not detected at or above the laboratory reporting limit

Table 8
Groundwater Monitoring Well VOC Results
Sunnyvale Town Center Redevelopment Site
Sunnyvale, California

Location	Date Collected	Note	Depth (feet)	PCE	Toluene	TCE	All other VOCs
				µg/L			
EPA MCL				5	150	5	NE
ESL (Res)				120	380,000	530	NE
ESL (Com)				420	530,000	1,800	NE
MW-01	11/30/2006		38	< 0.5	< 0.5	< 0.5	ND
MW-02	5/21/2008		37	13	< 0.5	< 0.5	ND
	8/14/2007		35	12	< 0.5	< 0.5	ND
	11/30/2006		38	8.1	< 0.5	< 0.5	ND
MW-02-MACY'	12/4/2006		37.5	< 0.5	< 0.5	< 0.5	ND
MW-03	5/21/2008		36.5	81	< 0.5	< 0.5	ND
	8/14/2007		35	120	< 0.7	< 0.7	ND
	11/30/2006		34.5	130	< 0.5	< 0.5	ND
MW-04	1/22/2007		35	< 0.5	< 0.5	< 0.5	ND
MW-05	5/22/2008		36	920	< 0.5	3.5	ND
	8/14/2007		34	1,000	< 7.1	< 7.1	ND
	1/22/2007		34	1,150	< 0.5	< 0.5	ND
MW-06	5/22/2008		35	90	0.9	< 0.5	ND
	8/13/2007		33.5	140	< 1.3	< 1.3	ND
	1/20/2007		33.5	128	< 0.5	< 0.5	ND
MW-07	5/22/2008		37	9.5	1.1	< 0.5	ND
	8/13/2007		35	6.7	< 0.5	< 0.5	ND
	1/19/2007		35	7	< 0.5	< 0.5	ND
MW-08	5/22/2008		36	1,800	< 10	14	ND
	5/22/2008	Dup	36	1,800	< 10	< 10	ND
	8/14/2007		34.5	2,100	< 13	< 13	ND
	8/14/2007	Dup	34.5	1,800	< 10	< 10	ND
	1/22/2007		34	2,270	< 0.5	< 0.5	ND
MW-09	5/22/2008		37	56	< 0.5	< 0.5	ND
	8/13/2007		34.5	63	< 0.5	< 0.5	ND
	1/20/2007		34.5	116	< 0.5	< 0.5	ND
MW-10	1/18/2007		40	< 0.5	< 0.5	< 0.5	ND
MW-11	1/18/2007		35.5	< 0.5	< 0.5	< 0.5	ND
MW-12	5/22/2008		38	1.6	< 0.5	< 0.5	ND
	8/13/2007		36	2	< 0.5	< 0.5	ND
	1/18/2007		35	3.04	< 0.5	< 0.5	ND
MW-13	5/22/2008		38	< 0.5	< 0.5	< 0.5	ND
	8/14/2007		35	< 0.5	< 0.5	< 0.5	ND
	1/19/2007		37.5	< 0.5	< 0.5	< 0.5	ND
MW-14	5/22/2008		39	25	< 0.5	< 0.5	ND
	8/14/2007		36	24	< 0.5	< 0.5	ND
	1/19/2007		35	15.7	< 0.5	< 0.5	ND

Table 8
Groundwater Monitoring Well VOC Results
Sunnyvale Town Center Redevelopment Site
Sunnyvale, California

Location	Date Collected	Note	Depth (feet)	PCE	Toluene	TCE	All other VOCs
				µg/L			
EPA MCL				5	150	5	NE
ESL (Res)				120	380,000	530	NE
ESL (Com)				420	530,000	1,800	NE
Quality Control Samples							
EB	8/13/2007		--	< 0.5	< 0.5	< 0.5	ND
	5/21/2008		--	< 0.5	< 0.5	< 0.5	ND
TB	8/13/2007		--	< 0.5	< 0.5	< 0.5	ND
	8/14/2007		--	< 0.5	< 0.5	< 0.5	ND
	8/14/2007		--	< 0.5	< 0.5	< 0.5	ND
	5/21/2008		--	< 0.5	< 0.5	< 0.5	ND

Notes:

1. feet bgs = feet below ground surface, µg/L = micrograms per liter
2. PCE = Tetrachloroethene, TCE = Trichloroethene, VOCs = volatile organic compounds
3. < 10 = not detected at or above the laboratory reporting limit of 1 (µg/L)
4. ND = not detected at or above the laboratory reporting limit, NE = not established by RWQCB
5. EPA MCL = California EPA Maximum Contaminant Level, Final health-based screening level for drinking water: CalEPA Public Health Goal, Cal DHS Action Level and risk-based goal (SF-RWQCB, 2007b), Table F-3; (SF-RWQCB, 2007b), Table E-1
6. ESL (Res) = Residential Soil Gas Environmental Screening Level for Potential Indoor Air Vapor Intrusion (SF-RWQCB, 2007), Table E-2
7. ESL (Com) = Commercial Soil Gas Environmental Screening Level for Potential Indoor Air Vapor Intrusion (SF-RWQCB, 2007), Table E-2
8. -- = not applicable
9. Exceeds EPA MCL
10. Exceeds Residential ESL
11. Exceed Commercial ESL