SDMS DOCID # 1152788

111.2696.

QUARTERLY MONITORING AND REMEDIATION PROGRESS REPORT FIRST QUARTER 2007

RECEIVED
2007 APR 27 PM 1 10
CALIFORNIA REGIONAL WATER
QUALITY CONTROL BOARD
LOS ANGELES REGION

13500 Paxton Street
Pacoima, California

Prepared for:

Price Pfister, Inc.

25 April 2007

Erler & Kalinowski, Inc.
Consulting Engineers and Scientists
1870 Ogden Drive
Burlingame, CA 94010
(650) 292-9100
Fax (650) 552-9012

25 April 2007

RECEIVED
2007 APR 27 PM 1 10
CALIFORNIA REGIONAL WATER
QUALITY CONTROL BOARD
LOS ANGELES REGION

Mr. Mohammad Zaidi
California Regional Water Quality Control Board
Los Angeles Region
320 West 4th Street, Suite 200
Los Angeles, CA 90013

Subject: Quarterly Monitoring and Remediation Progress Report –First Quarter 2007
13500 Paxton Street, Pacoima, California
(EKI A20034.03)

Dear Mr. Zaidi:

On behalf of Price Pfister, Inc., Erler & Kalinowski, Inc. ("EKI") is pleased to submit this monitoring and remediation progress report for the first quarter 2007 for the Former Price Pfister facility located at 13500 Paxton Street in Pacoima, California (the "Site").

During the first quarter of 2007, Price Pfister conducted groundwater monitoring activities in accordance with the Regional Water Quality Control Board, Los Angeles Region ("RWQCB") letter dated 12 June 2006. Results of the groundwater monitoring event indicate relatively stable concentrations of volatile organic compounds ("VOCs") and total petroleum hydrocarbons ("TPH") with concentrations similar to previous events. Groundwater samples from select wells were analyzed for N-nitrosodiethylamine ("NDEA"), which was not detected. The highest concentrations of hexavalent chromium in groundwater were detected in wells PMW-13 and PMW-38. The highest concentrations of 1,4-dioxane were detected in wells MW-5 and PMW-38.

Groundwater from Well-A2 (referred to as PF-A2 by Arcadis), located on the upgradient side of the Site and monitored by Arcadis on behalf of Soco West, Inc., had cis-1,2-dichloroethene ("cis-1,2-DCE") at 2,000 micrograms per liter ("µg/L") and tetrachloroethene ("PCE") at 110 µg/L on 1 December 2006 (the most recent data available for this well). The results of the groundwater monitoring confirm the ongoing impact to the former Price Pfister property from releases at the Soco West, Inc. site.

A soil vapor extraction ("SVE") system, located in the southeast portion of the Site near the former Oil Staging Area was constructed during June and July 2006 and expanded during February 2007 to include the southwest portion of the Site. Operation and monitoring of the SVE system has been on-going in accordance with permitting requirements and the RWQCB-approved work plans (EKI, 2005, 2007a).

The property owner is planning to grade the northern part of the Site during the second quarter 2007. Excavation in Area 6 (former Buildings B, D, and J area) is expected to be completed during the second quarter 2007.

A report on investigations conducted in the former Building A area is being prepared and will be submitted when complete.

Groundwater monitoring wells PMW-10, PMW-12, PMW-21B and PMW-27 were abandoned in April 2007 (RWQCB, 2007b). Well PIAS-10 will be abandoned when it is accessible to a drilling rig (currently overhead power lines limit access to this well). These wells are no longer included in the groundwater monitoring program.

If you have any questions regarding the information presented herein, please call Meg Mendoza or myself at (650) 292-9100.

Very truly yours,

ERLER & KALINOWSKI, INC.

Meg Mendoza

REGISTERED PROFESSIONAL ENGINEER
MARGARET A. MENDOZA
C 65463
EXP. 9/30/07
CIVIL
STATE OF CALIFORNIA

Meg Mendoza, P.E.
Project Engineer

Meg Mendoza for

Steven G. Miller, P.E.
Project Manager

cc: Lorraine Sedlak, Price Pfister, Inc.
Eileen Nottoli, Allen Matkins
Wendy Phillips, RWQCB
David Bacharowski, RWQCB

Tab

Summary of VOC Analytical Results for Soil Vapo

July 2006 throu

13500 Paxton St

Sample Location	Sample Depth (feet, bgs)	Date	Notes	PCE	1,1,1-TCA	TCE	cis-1,2-DCE	1,1-DCE	1,1-DCA	
PMW-9	15	7/7/2006		3.1	<1	<1	<1	0.5 J	<1	
PMW-9	15	11/28/2006		4	<1	0.1 J	<1	0.4 J	<1	
PMW-9	15	2/2/2007		2.2	<1	0.1 J	<1	0.3 J	<1	
PMW-9	30	7/7/2006		19	0.6 J	1.5	0.1 J	3.5	<1	
PMW-9	30	11/28/2006		23	0.5 J	1.6	0.1 J	3.4	<1	
PMW-9	30	2/5/2007		16	0.4 J	1.6	0.2 J	2.5	<1	
PMW-9	45	7/7/2006		30	1.1	4.7	1	5.2	0.2 J	0
PMW-9	45	11/28/2006		31	1.1	5.6	1	5.6	0.2 J	
PMW-9	45	11/28/2006	DUP	34	1.2	6.4	1.1	6.4	0.3 J	0
PMW-9	45	2/5/2007		22	0.8 J	5.8	1.1	4	0.3 J	
PMW-10	18	7/6/2006		3	0.5 J	<1	<1	0.3 J	<1	
PMW-10	18	11/29/2006		5.1	0.3 J	<1	<1	<1	<1	
PMW-10	18	2/2/2007		0.2 J	<1	<1	<1	<1	<1	
PMW-10	33	7/6/2006		5.7	2.1	0.1 J	<1	1.3	0.1 J	
PMW-10	33	11/29/2006		0.7 J	<1	<1	<1	<1	<1	
PMW-10	33	11/29/2006	DUP	0.7 J	<1	<1	<1	<1	<1	
PMW-10	35	2/2/2007		0.2 J	<1	<1	<1	<1	<1	
PMW-10	48	7/6/2006		6.4	2.5	0.2 J	<1	1.4	0.2 J	
PMW-10	48	7/6/2006	DUP	6.7	2.8	0.2 J	<1	1.5	0.2 J	
PMW-10	48	11/29/2006		0.4 J	<1	<1	<1	<1	<1	
PMW-10	48	2/2/2007		3.8	0.2 J	<1	<1	<1	<1	
PMW-11	15	7/6/2006		640	<2	3.2	<2	<2	<2	
PMW-11	15	11/29/2006		1.4	<1	<1	<1	<1	<1	
PMW-11	15	10/6/2006		2	<0.0038	0.0061	<0.0028	<0.0028	<0.0028	<0
PMW-11	15	2/2/2007		0.2 J	<1	<1	<1	<1	<1	
PMW-11	30	7/6/2006		1,300	<5	5.8	<5	<5	<5	
PMW-11	30	10/6/2006	DUP	6.5	<0.0044	0.035	<0.0032	<0.0032	<0.0032	<0
PMW-11	30	10/6/2006		5.1	<0.0044	0.049	<0.0032	<0.0032	<0.0033	<0
PMW-11	30	11/29/2006		20	<1	<1	<1	<1	<1	
PMW-11	30	2/2/2007		12	<1	<1	<1	<1	<1	
PMW-11	30	2/2/2007	DUP	1.1	<0.0027	<0.0027	<0.002	<0.002	<0.002	<0

able 7

por Samples Collected from Vapor Monitoring Wells

ough March 2007

Street, Pacoima CA

Analytical Results (µg/L) (1)								
Chloroform	Trichloro-fluoromethane	Benzene	Toluene	Ethylbenzene	m,p-Xylenes	o-Xylene	Vinyl Chloride	Other VOCs
<1	0.4 J	<1	<1	<1	<2	<1	<2	ND
<1	0.2 J	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	0.2 J	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
0.1 J	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
0.1 J	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<2	<2	<2	<2	<2	<4	<2	<4	Methylene Chloride = 2.5 J
<1	<1	<1	<1	<1	<2	<1	<2	ND
<0.0034	<0.0078	<0.0022	0.0063	<0.003	<0.006	<0.003	<0.0018	Acetone = 0.033
<1	<1	<1	<1	<1	<2	<1	<2	ND
<5	<5	<5	<5	<5	<10	<5	<10	ND
<0.0039	<0.009	<0.0026	0.0036	<0.0035	<0.0069	<0.0035	<0.002	Acetone = 0.047
<0.004	<0.0091	<0.0026	0.0035	<0.0035	<0.007	<0.0035	<0.0021	Acetone = 0.098 2-Butanone = 0.0084
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<0.0024	<0.0056	0.0019	0.0075	0.0024	0.0083	0.0029	<0.0013	Acetone = 0.041 2-Butanone = 0.003 Chloromethane = 0.0016 Dichlorodifluoromethane = 0.0032

Tab

Summary of VOC Analytical Results for Soil Vapo

July 2006 throu

13500 Paxton Str

Sample Location	Sample Depth (feet, bgs)	Date	Notes	PCE	1,1,1-TCA	TCE	cis-1,2-DCE	1,1-DCE	1,1-DCA	
PMW-11	45	7/6/2006		740	<1	2.5	0.1 J	<1	<1	
PMW-11	45	7/6/2006		8.5	<0.004	0.092	0.0043	<0.0029	<0.003	<0.
PMW-11	45	10/6/2006		14	0.26	0.68	0.0083	0.69	0.014	0
PMW-11	45	11/29/2006		22	<1	0.2 J	<1	0.1 J	<1	0
PMW-11	45	11/29/2006	DUP	4.8	0.018	0.05	<0.0054	0.038	<0.0055	0
PMW-11	45	2/2/2007		1.3	<1	<1	<1	<1	<1	
PMW-12	20	7/7/2006		4.9	<1	0.2 J	<1	<1	<1	
PMW-12	20	11/29/2006		3.2	<1	<1	<1	<1	<1	
PMW-12	20	2/2/2007		1.3	<1	<1	<1	<1	<1	
PMW-12	35	7/7/2006		<1	<1	<1	<1	<1	<1	
PMW-12	35	11/29/2006		<1	<1	<1	<1	<1	<1	
PMW-12	35	2/2/2007		<1	<1	<1	<1	<1	<1	
PMW-12	50	7/7/2006		3.9	<1	0.2 J	0.1 J	<1	<1	
PMW-12	50	7/7/2006	DUP	4.5	<1	0.2 J	0.1 J	<1	<1	
PMW-12	50	11/29/2006		<1	<1	<1	<1	<1	<1	
PMW-12	50	2/2/2007		<1	<1	<1	<1	<1	<1	
PMW-13	15	7/7/2006		4.3	0.1 J	<1	<1	0.8 J	<1	
PMW-13	15	11/28/2006		6.7	0.2 J	<1	<1	0.7 J	<1	
PMW-13	15	2/5/2007		9	0.5 J	0.6 J	0.1 J	1.7	<1	
PMW-13	15	2/5/2007	DUP	7	0.3 J	0.5 J	<1	1.3	<1	
PMW-13	30	7/7/2006		9.2	0.5 J	0.2 J	<1	2.2	<1	
PMW-13	30	11/28/2006		10	0.4 J	0.2 J	<1	2.3	<1	
PMW-13	30	11/28/2006	DUP	3.4	0.14	0.066	<0.027	0.55	<0.028	<0
PMW-13	30	2/5/2007		9.4	0.4 J	0.2 J	<1	1.7	<1	
PMW-13	45	7/7/2006		53	2.3	2	<1	10	<1	
PMW-13	45	11/28/2006		53	1.5	1.6	<1	7.7	<1	0
PMW-13	45	2/5/2007		38	1.3	1.5	0.1 J	6	<1	
PMW-13	60	7/7/2006		65	3.1	3.7	1	10	<1	
PMW-13	60	11/28/2006		61	1.9	3.2	0.7 J	7.7	0.2 J	0

able 7

por Samples Collected from Vapor Monitoring Wells

pugh March 2007

Street, Pacoima CA

Analytical Results (µg/L) (1)								
Chloroform	Trichloro-fluoromethane	Benzene	Toluene	Ethylbenzene	m,p-Xylenes	o-Xylene	Vinyl Chloride	Other VOCs
<1	<1	<1	<1	<1	<2	<1	<2	Acetone = 0.072 2-Butanone = 0.0054 Chloromethane = 0.0016
<0.0036	<0.0083	<0.0023	0.0066	<0.0032	<0.0064	<0.0032	<0.0019	Acetone = 0.072 2-Butanone = 0.0054 Chloromethane = 0.0016
0.22	<0.0084	<0.0024	<0.0028	<0.0032	<0.0065	<0.0032	<0.0019	Acetone = 0.021 Freon 113 = 0.022
0.2 J	<1	<1	<1	<1	<2	<1	<2	ND
0.06	<0.015	<0.0043	<0.0051	<0.0059	<0.012	<0.0059	<0.0035	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<0.034	<0.078	<0.022	<0.026	<0.03	<0.06	<0.03	<0.018	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
0.1 J	<1	<1	<1	<1	<2	<1	<2	Trichlorotrifluoroethane = 1
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
0.1 J	<1	<1	<1	<1	<2	<1	<2	Freon 113 = 1.2 J

Tab

Summary of VOC Analytical Results for Soil Vapo

July 2006 throu

13500 Paxton Str

Sample Location	Sample Depth (feet, bgs)	Date	Notes	PCE	1,1,1-TCA	TCE	cis-1,2-DCE	1,1-DCE	1,1-DCA	
PMW-13	60	7/7/2006	DUP	42	2.7	4.4	0.95	8.1	0.34	0
PMW-13	60	2/5/2007	DUP	13	1.3	1.3	0.42	5.2	0.21	0
PMW-13	60	2/5/2007		35	1.2	2.3	0.5 J	4.8	0.2 J	
PMW-14	15	7/6/2006		3.6	<1	0.1 J	<1	<1	<1	
PMW-14	15	11/28/2006		4.8	<1	<1	<1	<1	<1	
PMW-14	15	2/5/2007		2.6	<1	<1	<1	<1	<1	
PMW-14	30	7/6/2006		10	<1	8	<1	0.2 J	<1	
PMW-14	30	11/28/2006		12	<1	6.1	<1	<1	<1	
PMW-14	30	2/5/2007		9.5	<1	5.7	<1	<1	<1	
PMW-14	45	7/6/2006		20	2	39	<1	<1	0.6 J	0.
PMW-14	45	11/28/2006		22	0.9 J	26	<1	<1	0.3 J	
PMW-14	45	2/5/2007		14	0.7 J	21	<1	<1	0.2 J	
PMW-14	60	7/6/2006		6.8	2.1	2.3	<1	0.6 J	0.2 J	
PMW-14	60	11/28/2006		6.1	0.7 J	1.1	<1	0.3 J	<1	
PMW-14	60	2/5/2007		3.9	0.4 J	0.6 J	<1	0.3 J	<1	
PMW-15	20	7/6/2006		0.3 J	<1	<1	<1	<1	<1	
PMW-15	20	11/29/2006		0.2 J	<1	<1	<1	<1	<1	
PMW-15	20	2/5/2007		0.1 J	<1	<1	<1	<1	<1	
PMW-15	35	7/6/2006		0.6 J	<1	<1	<1	<1	<1	
PMW-15	35	11/29/2006		<1	<1	<1	<1	<1	<1	
PMW-15	35	2/5/2007		<1	<1	<1	<1	<1	<1	
PMW-15	50	7/6/2006		1.7	<1	<1	<1	0.2 J	<1	
PMW-15	50	11/29/2006		0.7 J	<1	<1	<1	<1	<1	
PMW-15	50	2/5/2007		<1	<1	<1	<1	<1	<1	
PMW-15	65	7/6/2006		2.7	<1	0.1 J	<1	0.3 J	<1	
PMW-15	65	11/29/2006		1 J	<1	<1	<1	<1	<1	

able 7

por Samples Collected from Vapor Monitoring Wells

ough March 2007

Street, Pacoima CA

Analytical Results (µg/L) (1)								
Chloroform	Trichloro-fluoromethane	Benzene	Toluene	Ethylbenzene	m,p-Xylenes	o-Xylene	Vinyl Chloride	Other VOCs
0.14	<0.28	<0.08	<0.094	<0.11	<0.22	<0.11	<0.064	Acetone = 0.91 Carbon Disulfide = 0.47 t-1,2-DCE = 0.13 Freon 113 = 0.98 Methylene Chloride = 0.6
0.08	0.045	<0.0093	0.013	<0.013	<0.025	<0.013	<0.0075	Acetone = 2.5 t-1,2-DCE = 0.077 Freon 113 = 0.75 Methylene Chloride = 0.41
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	Acetone = 11
0.1 J	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	Methylene Chloride = 1.1 J
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	Methylene Chloride = 1.1 J
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	Methylene Chloride = 1.2 J
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND

Tabl

Summary of VOC Analytical Results for Soil Vapor

July 2006 throug

13500 Paxton Stre

Sample Location	Sample Depth (feet, bgs)	Date	Notes	PCE	1,1,1-TCA	TCE	cis-1,2-DCE	1,1-DCE	1,1-DCA	Chlorofo
PMW-15	65	2/5/2007	DUP	5.1	0.032	0.058	0.0042	0.022	<0.003	0.0
PMW-15	65	2/5/2007		0.5 J	<1	<1	<1	<1	<1	<
PMW-17	10	7/6/2006		0.5 J	<1	<1	<1	<1	<1	<
PMW-17	10	11/28/2006		0.5 J	<1	<1	<1	<1	<1	<
PMW-17	10	11/28/2006	DUP	0.41	<0.0039	<0.0038	<0.0028	<0.0028	<0.0029	<0.0
PMW-17	10	2/2/2007		0.1 J	<1	<1	<1	<1	<1	<
PMW-17	25	7/6/2006		0.5 J	<1	<1	<1	<1	<1	<
PMW-17	25	11/28/2006		<1	<1	<1	<1	<1	<1	<
PMW-17	25	2/2/2007		1	<1	<1	<1	<1	<1	<
PMW-17	40	7/6/2006		5.3	0.1 J	<1	<1	<1	<1	<
PMW-17	40	11/28/2006		5.1	0.2 J	<1	<1	<1	<1	<
PMW-17	40	2/2/2007		3.6	0.3 J	<1	<1	<1	<1	<
SVMW-202	15	7/7/2006		4.8	<1	<1	<1	<1	<1	<
SVMW-202	15	11/28/2006		3.7	<1	<1	<1	<1	<1	<
SVMW-202	15	2/2/2007		1.4	<1	<1	<1	<1	<1	<
SVMW-202	30	7/7/2006		34	<1	<1	<1	<1	<1	<
SVMW-202	30	11/29/2006		20	<1	<1	<1	<1	<1	<
SVMW-202	30	2/2/2007		10	<1	<1	<1	<1	<1	<
SVMW-202	30	2/2/2007	DUP	5.7	<1	<1	<1	<1	<1	<
SVMW-202	30	2/2/2007	DUP	5	0.041	0.035	0.01	0.019	0.0047	0.0
SVMW-202	45	7/7/2006		36	<1	<1	<1	<1	<1	<
SVMW-202	45	11/29/2006		6.6	<1	<1	<1	<1	<1	<
SVMW-202	45	7/7/2006		26	0.4	0.39	0.22	0.33	<0.061	0.0
SVMW-202	45	2/2/2007		5	<1	<1	<1	0.2 J	<1	<
SVMW-202	45	2/2/2007	DUP	1.9	<1	<1	<1	0.2 J	<1	<

ble 7

or Samples Collected from Vapor Monitoring Wells

ugh March 2007

treet, Pacoima CA

Analytical Results (µg/L) (1)								
Chloroform	Trichloro-fluoromethane	Benzene	Toluene	Ethylbenzene	m,p-Xylenes	o-Xylene	Vinyl Chloride	Other VOCs
0.074	0.015	<0.0024	0.02	<0.0032	0.011	0.0051	<0.0019	Acetone = 0.11 Bromodichloromethane = 0.0074 2-Butanone = 0.0087 Freon 113 = 0.012 Styrene = 0.018 1,2,4-Trimethylbenzene = 0.0082 1,3-Dichlorobenzene = 0.0059
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
0.0035	<0.008	<0.0023	<0.0027	<0.0031	<0.0062	<0.0031	<0.0018	Acetone = 0.021 Dichlorodifluoromethane = 0.0036
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
0.026	<0.0081	<0.0023	0.0097	0.0034	0.012	0.0034	<0.0018	Acetone = 0.043 Dichlorodifluoromethane = 0.0044
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
0.073	<0.17	<0.048	<0.057	<0.065	<0.13	<0.065	<0.038	Acetone = 0.4 Carbon Disulfide = 0.28 Methylene Chloride = 0.33
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND

Tab

Summary of VOC Analytical Results for Soil Vapo

July 2006 throu

13500 Paxton Str

Sample Location	Sample Depth (feet, bgs)	Date	Notes	PCE	1,1,1-TCA	TCE	cis-1,2-DCE	1,1-DCE	1,1-DCA	
SVMW-203	18	7/6/2006		1.2	<1	<1	<1	<1	<1	
SVMW-203	33	7/6/2006		2.9	<1	0.4 J	0.9 J	0.6 J	<1	
SVMW-203	48	7/7/2006		2.8	0.3 J	1.2	9	1	0.3 J	0.
SVMW-204	24	7/7/2006		0.5 J	<1	<1	<1	<1	<1	
SVMW-204	24	7/7/2006	DUP	1.7	<0.011	<0.011	<0.0079	<0.0079	<0.0081	<0.
SVMW-204	39	7/7/2006		0.9 J	<1	<1	<1	<1	<1	
SVMW-204	54	7/7/2006		1.4	<1	<1	<1	<1	<1	
SVMW-226	16	2/5/2007		0.9 J	<1	<1	<1	<1	<1	
SVMW-226	29	2/5/2007		1.1	<1	<1	<1	0.2 J	<1	
SVMW-226	44	2/5/2007		7	0.4 J	0.3 J	<1	1.9	<1	
SVMW-226	59	2/5/2007		13	0.6 J	1	0.3 J	2.4	<1	

Abbreviations:

< - Compound not detected at or above indicated laboratory detection limit
1,1-DCA - 1,1-Dichlrooethane
1,1-DCE - 1,1-Dichloroethene
1,1-TCA - 1,1,1-Trichloroethane
1,2-DCA - 1,2-Dichloroethane
bgs - below ground surface
cis-1,2-DCE - cis-1,2-Dichloroethene
D - The sample data was reported from a diluted analysis
J - Estimated value, below the laboratory reporting limit
NA - Not Analyzed or Not Available
PCE - Tetracchloroethene
TCE - Trichloroethene
µg/L - Micrograms per liter
VOCs - Volatile Organic Compounds

Notes:

(1) Soil vapor samples were analyzed for VOCs using either gas chromatography/mass spectrometry in an on-S

ble 7

or Samples Collected from Vapor Monitoring Wells

ugh March 2007

treet, Pacoima CA

Analytical Results (µg/L) (1)								
Chloroform	Trichloro-fluoromethane	Benzene	Toluene	Ethylbenzene	m,p-Xylenes	o-Xylene	Vinyl Chloride	Other VOCs
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
0.2 J	0.4 J	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<0.0098	<0.022	<0.0064	<0.0075	<0.0087	<0.017	<0.0087	<0.0051	Acetone = 0.07
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	<1	<1	<2	<1	<2	ND
<1	<1	<1	0.1 J	<1	<2	<1	<2	ND

n-Site mobile laboratory or EPA Method TO-15 at an off-site fixed laboratory.

Tab

Summary of VOC Analytical Results for Soil Vapor Sampl

August 2006 thr

13500 Paxton Street

Location	Date	Sample Time	Note	PCE	1,1,1-TCA	TCE	cis-1,2-DCE	1,1-DCE
BLOWER IN	8/15/2006	13:50		190	<0.16	1.7	0.35	<0.12
	8/15/2006	14:00	DUP	610	<0.21	4.4	1.2	<0.15
	8/23/2006	09:35		15	0.046	0.23	0.053	0.059
	9/25/2006	08:15		21	0.061	0.051	<0.012	0.044
	11/1/2006	08:30		2.5	0.012	0.01	<0.0029	0.0046
	11/1/2006	08:35	DUP	0.14	<0.004	<0.0039	<0.0029	<0.0029
	11/28/2006	11:15		4.1	<0.041	<0.04	<0.03	<0.03
	11/28/2006	11:23	DUP	2.6	0.022	0.02	<0.015	<0.015
	1/8/2007	09:22		2.1	0.013	0.0098	<0.002	0.0039
	2/1/2007	09:35		2.6	0.011	0.021	<0.002	0.0044
	2/1/2007	09:45	DUP	4.1	0.012	0.018	<0.0036	0.0062
	2/14/2007	10:45		22	0.69	0.84	0.21	2.1
	2/21/2007	07:45		8.6	0.21	0.36	0.18	1.7
	2/21/2007	07:52	DUP	8.7	0.21	0.36	0.18	1.7
	3/14/2007	07:37		4.2	0.092	0.25	0.27	0.24
PSVE-8	8/15/2006	13:30		200	<0.11	3.9	1.8	<0.081
	8/15/2006	09:50		600	<0.4	3.7	0.41	<0.29
	8/23/2006	09:25		8.7	0.076	0.17	0.05	0.081
	9/25/2006	08:05		10	0.082	0.041	<0.012	0.038
	11/28/2006	10:58		2.7	0.044	<0.04	<0.029	<0.029
	1/8/2007	09:28		0.7	0.019	0.0052	<0.002	0.0038

ble 8

ples Collected from the Vapor Extraction System and Wells

hrough March 2007

et, Pacoima, California

	VOCs (µg/L) (1)							
	Bromomethane	Chloroform	TCFM	Benzene	Toluene	Ethylbenzene	Total Xylenes	Other VOCs
2	<0.11	<0.14	<0.33	<0.094	0.24	<0.13	<0.39	Acetone = 2.5 Carbon Disulfide = 1.4 Methylene Chloride = 50
5	<0.15	<0.19	<0.43	<0.12	0.18	<0.17	<0.5	Acetone = 1.8 Carbon Disulfide = 1.2 Methylene Chloride = 10
9	<0.003	0.015	0.042	<0.0025	<0.0029	<0.0033	<0.01	Acetone = 0.013
4	<0.012	0.023	<0.035	<0.0098	<0.012	<0.013	<0.04	ND
6	<0.0028	0.0083	<0.0082	<0.0023	0.0053	<0.0032	<0.0095	Acetone = 0.014 Methylene Chloride = 0.071
29	<0.0029	<0.0036	<0.0083	<0.0023	0.0067	<0.0032	<0.0096	Acetone = 0.02 Methylene Chloride = 0.068
3	<0.029	<0.037	<0.084	<0.024	<0.028	<0.033	<0.098	ND
5	<0.014	<0.018	<0.042	<0.012	<0.014	<0.016	<0.048	ND
9	<0.0019	0.0073	<0.0056	<0.0016	<0.0019	<0.0022	<0.0065	Acetone = 0.0059
4	<0.0019	0.012	<0.0056	0.079	0.0023	0.012	<0.0065	Acetone = 0.0059
2	<0.0036	0.014	<0.01	0.0073	<0.0034	<0.004	<0.0119	ND
	<0.012	0.048	0.035	<0.0097	<0.011	<0.013	<0.039	t-1,2-DCE = 0.028 Freon 113 = 0.2
	<0.0029	0.067	0.047	<0.0024	<0.0028	<0.0033	<0.0099	Bromodichloromethane = 0.0058 2-Butanone = 0.12 t-1,2-DCE = 0.014
	<0.0029	0.068	0.049	<0.0024	<0.0028	<0.0033	<0.0098	Bromodichloromethane = 0.0058 2-Butanone = 0.019 t-1,2-DCE = 0.014
	<0.0078	0.025	<0.022	<0.0064	<0.0075	<0.0087	<0.0257	ND
1	<0.079	<0.1	<0.23	<0.065	0.11	<0.089	<0.269	Acetone = 0.89 Carbon Disulfide = 0.58 Methylene Chloride = 4.3
9	<0.28	<0.36	<0.82	<0.23	0.56	<0.32	1.83	Acetone = 2.2 Carbon Disulfide = 1.2 Methylene Chloride = 20
1	<0.03	<0.037	<0.085	<0.024	<0.029	<0.033	<0.099	ND
3	<0.011	<0.014	<0.033	<0.0094	<0.011	<0.013	<0.039	ND
9	<0.029	<0.036	<0.083	<0.024	<0.028	<0.032	<0.096	ND
8	<0.0019	<0.0024	<0.0056	<0.0016	<0.0019	<0.0022	<0.0065	Acetone = 0.0051 Dichlorodifluoromethane =

Tab

Summary of VOC Analytical Results for Soil Vapor Samp

August 2006 thr

13500 Paxton Street

Location	Date	Sample Time	Note	PCE	1,1,1-TCA	TCE	cis-1,2-DCE	1,1-DCE
PSVE-8	2/1/2007	09:00		2.5	0.022	0.016	<0.002	0.0049
PSVE-9	8/15/2006	13:40		130	<0.084	1.2	0.2	<0.061
	8/15/2006	09:55		200	<0.14	2.5	0.68	<0.099
	8/23/2006	09:30		11	0.0059	0.14	0.023	0.019
	9/25/2006	08:20	DUP	11	0.017	0.065	<0.012	0.041
	9/25/2006	08:10		14	<0.016	0.061	<0.012	0.028
	11/28/2006	10:45		6.1	<0.064	<0.063	<0.047	<0.047
	1/8/2007	09:41	DUP	4.8	0.0075	0.017	<0.002	0.0052
	1/8/2007	09:35		4.6	0.0068	0.015	<0.002	0.0049
	2/1/2007	09:15		3.9	<0.0027	0.013	<0.002	0.004
PSVE-10	2/14/2007	10:56	DUP	49	2.8	3.4	0.74	5.3
	2/14/2007	10:25		39	2.4	3.2	0.75	5.6
	2/14/2007	08:02		74	2.2	2.9	0.52	8.7
	2/21/2007	07:30		16	0.92	1.5	0.82	3.1
	3/14/2007	07:45	DUP	7.7	0.59	1.3	1.4	1.6
	3/14/2007	07:35		7.5	0.29	0.73	1.4	1.5

able 8
ples Collected from the Vapor Extraction System and Wells
hrough March 2007
et, Pacoima, California

	VOCs (µg/L) (1)							
	Bromomethane	Chloroform	TCFM	Benzene	Toluene	Ethylbenzene	Total Xylenes	Other VOCs
49	<0.0019	0.0049	<0.0056	0.017	0.0036	0.0032	<0.0065	Acetone = 0.014 Methylene Chloride = 0.039 Dichlorodifluoromethane =
61	<0.06	<0.075	<0.17	<0.049	0.073	<0.067	<0.197	Acetone = 0.43 Carbon Disulfide = 0.28 Methylene Chloride = 3.3
99	<0.097	<0.12	<0.28	<0.08	0.11	<0.11	<0.33	Acetone = 0.81 Carbon Disulfide = 0.45 Methylene Chloride = 6.1
9	<0.0029	0.0099	0.012	0.0057	0.0062	<0.0033	<0.0098	Acetone = 0.043 Chloromethane = 0.0043 Methylene Chloride = 0.015
1	<0.012	0.038	<0.033	<0.0095	<0.011	<0.013	<0.039	ND
8	<0.011	0.027	<0.033	<0.0094	<0.011	<0.013	<0.039	Acetone = 0.043
47	<0.046	<0.057	<0.13	<0.038	<0.044	<0.051	<0.151	ND
52	<0.0019	0.017	<0.0056	<0.0016	<0.0019	<0.0022	<0.0065	romodichloromethane = 0.0038
49	<0.0019	0.016	<0.0056	<0.0016	<0.0019	<0.0022	<0.0065	Methylene Chloride = 0.14
4	<0.0019	0.019	<0.0056	<0.0016	0.002	<0.0022	<0.0065	Acetone = 0.019
	<0.029	0.17	0.13	<0.024	<0.028	<0.032	<0.096	t-1,2-DCE = 0.11 Freon 113 = 0.77
	<0.029	0.15	0.1	<0.023	<0.028	<0.032	<0.096	t-1,2-DCE = 0.098 Freon 113 = 0.68
	<0.043	0.12	<0.13	<0.036	<0.042	<0.049	<0.146	t-1,2-DCE = 0.073 Freon 113 = 0.62
	<0.034	0.26	0.2	<0.028	<0.033	<0.038	<0.114	t-1,2-DCE = 0.059 Freon 113 = 0.42
	<0.044	0.12	<0.13	<0.037	<0.043	<0.05	<0.149	Freon 113 = 0.22
	<0.0078	0.067	0.037	<0.0064	<0.0075	<0.0087	<0.0257	t-1,2-DCE = 0.015 Freon 113 = 0.096

Tab

Summary of VOC Analytical Results for Soil Vapor Samp

August 2006 thr

13500 Paxton Street

Abbreviations:

< - Compound not detected at or above indicated laboratory detection limit
1,1-DCE - 1,1-dichloroethene
1,1,1-TCA - 1,1,1-trichloroethane
ND - Analyte not detected above its laboratory reporting limit
PCE - Tetrachloroethene
TCE - Trichloroethene
TCFM - Trichlorofluoromethane
µg/L - micrograms per liter
VOCs - Volatile Organic Compounds

Notes:

(1) Samples were collected in Summa canisters and analyzed for VOC's using EPA Method TO-15. Analytes n

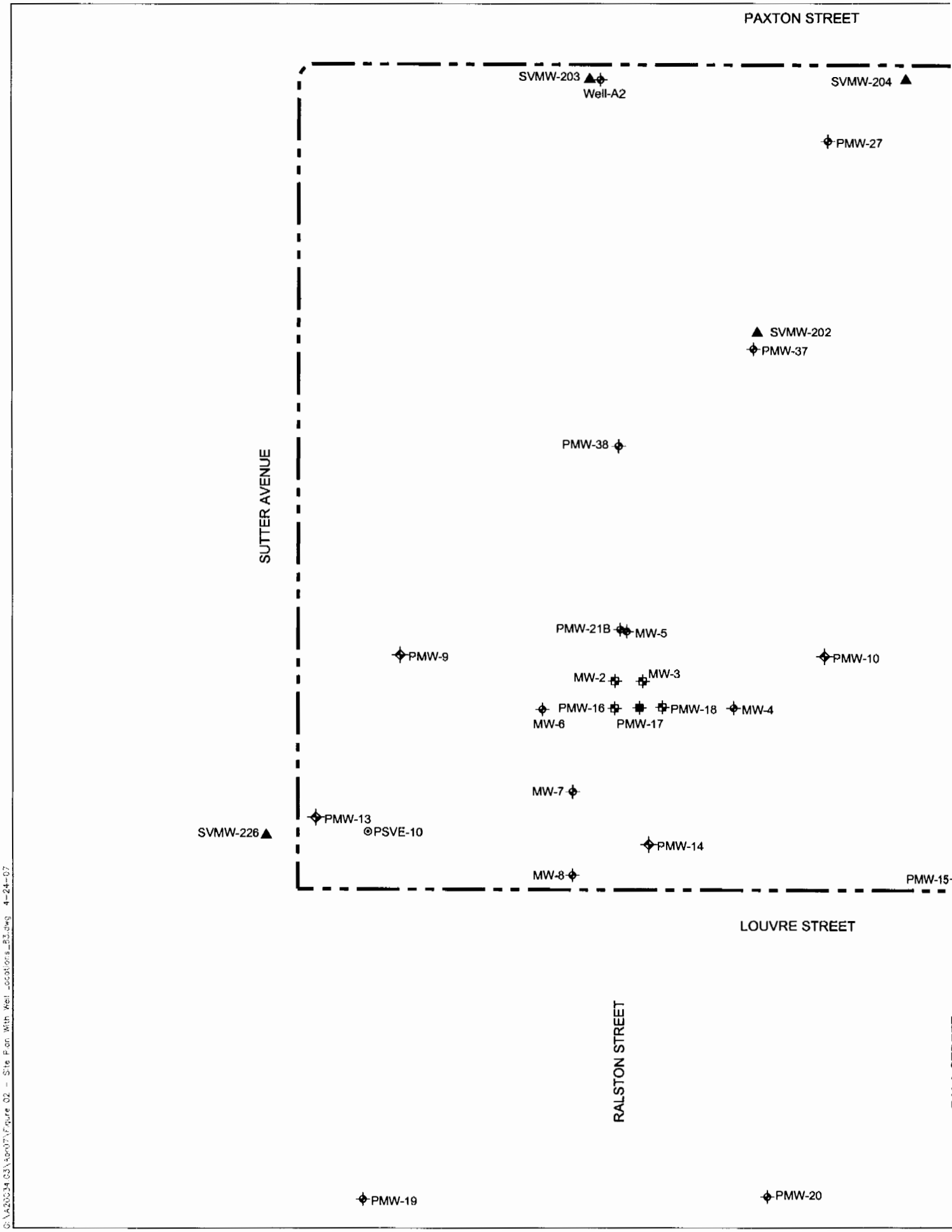
able 8

ples Collected from the Vapor Extraction System and Wells

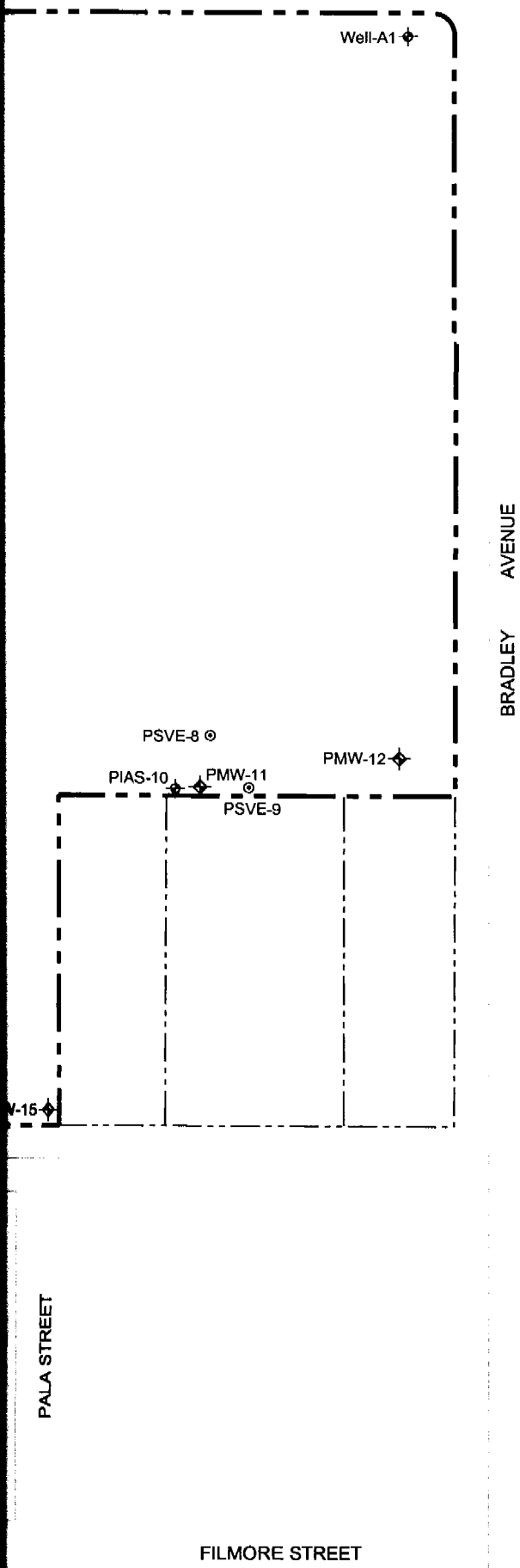
hrough March 2007

et, Pacoima, California

s not shown were not detected above the laboratory reporting limit.



G:\A20034 03\Apr07\Figure 02 - Site Plan With Well Locations_B3.dwg 4-24-07



0 150 300

(Approximate Scale in Feet)

Legend:

- Groundwater Monitoring Well
- Soil Vapor/Groundwater Monitoring Well
- Free Hydrocarbon Product Collection Well
- Soil Vapor Monitoring/Free Hydrocarbon Product Collection Well
- Soil Vapor Monitoring Well
- Soil Vapor Extraction Well
- Approximate Site Boundary

Note:

1. All locations are approximate.
2. Well-A1 and Well-A2 are not part of the Price Pfister monitoring program. These wells are monitored by Arcadis on behalf of the Soco West, Inc./Former Holchem Site.

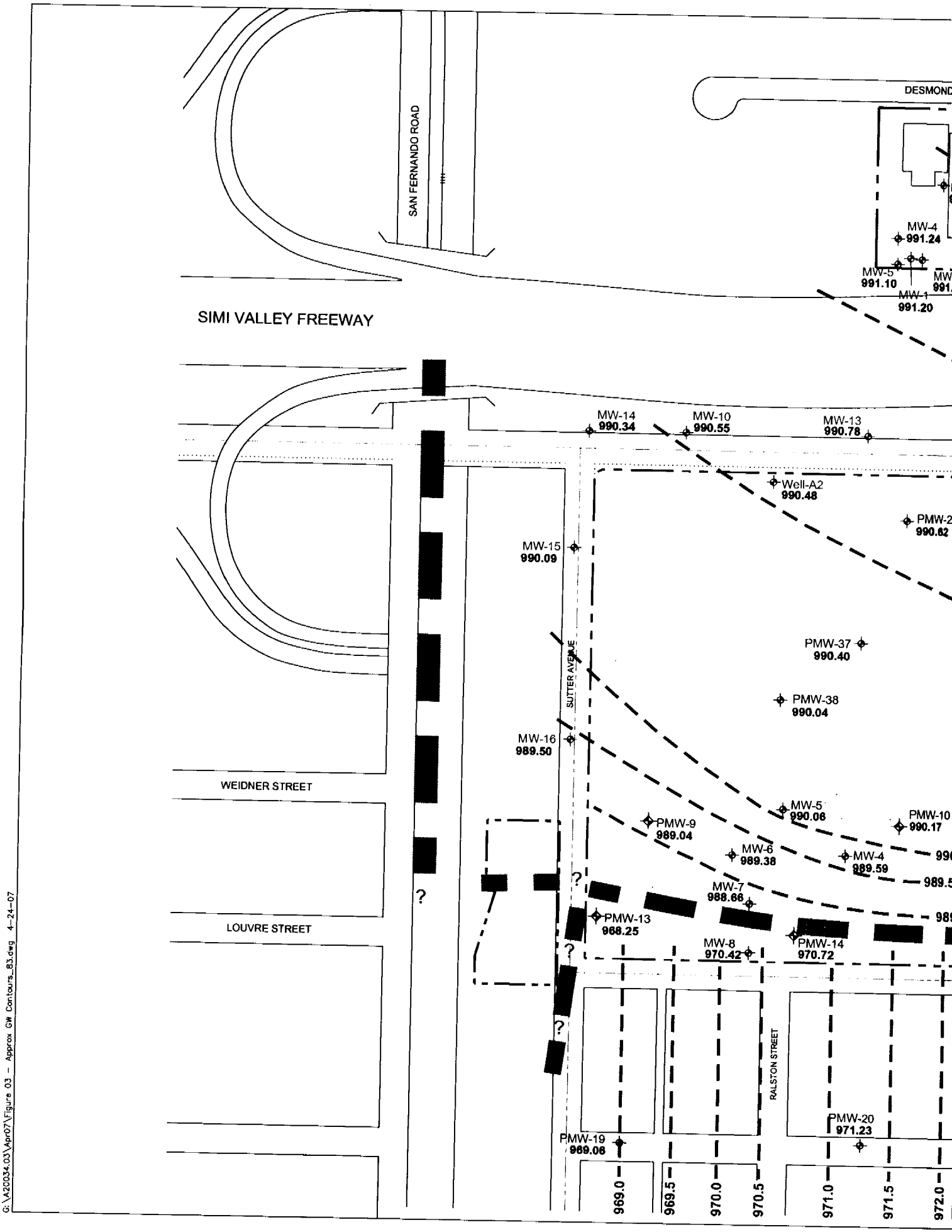
Erler & Kalinowski, Inc.

Site Plan With Well Locations

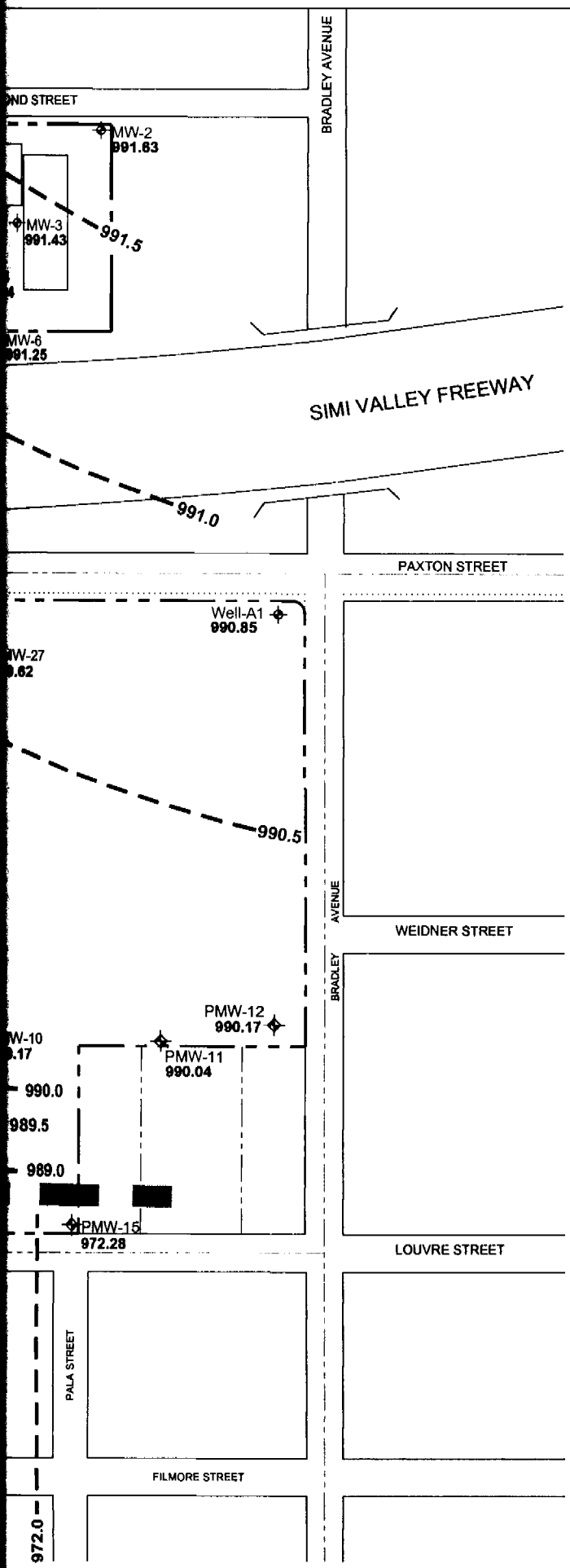
13500 Paxton Street
Pacoima, CA

April 2007
EKI A20034.03

Figure 2



G:\A20034.03\Apr07\Figure 03 – Approx GW Contours_83.dwg 4-24-07



(Approximate Scale in Feet)

Legend:

- Groundwater Monitoring Well
- Soil Vapor/Groundwater Monitoring Well
- Approximate Site Boundary
- Approximate Location of Groundwater Elevation Contour (feet above mean sea level)
- 990.13 — Groundwater Elevation (feet above mean sea level), 29 January 2007
- Apparent Concealed Fault Zones Based on Historical Groundwater Elevation Data

Notes:

1. All locations are approximate.
2. Well symbols shown in light gray font are not part of the Price Pfister monitoring program.
3. Groundwater elevation data for Soco West, Inc./Former Holchem Site wells are provided by Arcadis.
4. No data is posted for wells screened below the groundwater table (see Table 2).

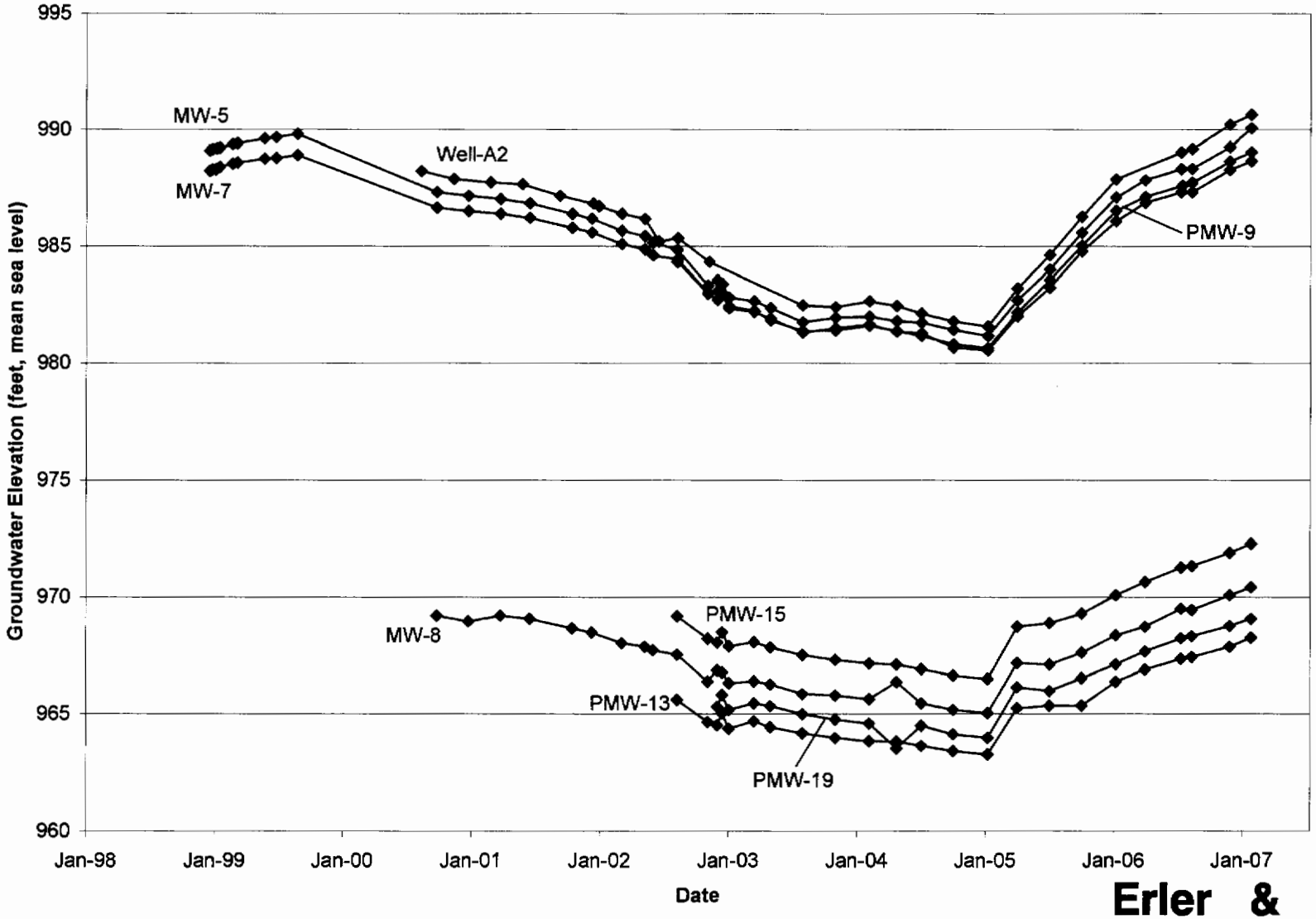
Erler & Kalinowski, Inc.

Approximate Groundwater Elevation Contours for January 2007

13500 Paxton Street
Pacoima, CA

April 2007
EKI A20034.03

Figure 3



Legend:

Wells Located Northwest of Apparent On-Site Fault

Wells Located Southeast of Apparent On-Site Fault

Erler & Kalinowski, Inc.

Groundwater Elevation Trends for Selected Site Wells

Price Pfister, Inc.
Pacoima, CA
April 2007
EKI A20034.03
Figure 4

G:\A20034.03\Apr07\Figure 04 - Groundwater Elevation Trends for Selected Site Wells.dwg 4-24-07

Well-A2			
Date	4/7/2006	8/16/2006	12/1/2006
PCE	92	96	110
TCE	110	110	100
cis-1,2-DCE	3,000	2,300	2,000
1,1-DCE	66	40	36

PMW-38			
Date	8/16/2006	9/28/2006	1/30/2007
PCE	29	32	18
TCE	7.1	9.5	6.0
cis-1,2-DCE	6.0	5.7	3.3
1,1-DCE	2.4	2.6	2.0

MW-5			
Date	4/6/2006	8/16/2006	1/30/2007
PCE	64	49	32
TCE	6.3	6.6	5.1
cis-1,2-DCE	5.6	4.2	3.0
1,1-DCE	<1	<1	<1

MW-6			
Date	4/3/2006	8/15/2006	1/30/2007
PCE	14	9.3	5.3
TCE	2.5	1.4	<1
cis-1,2-DCE	3.5	<1	<1
1,1-DCE	<1	<1	<1

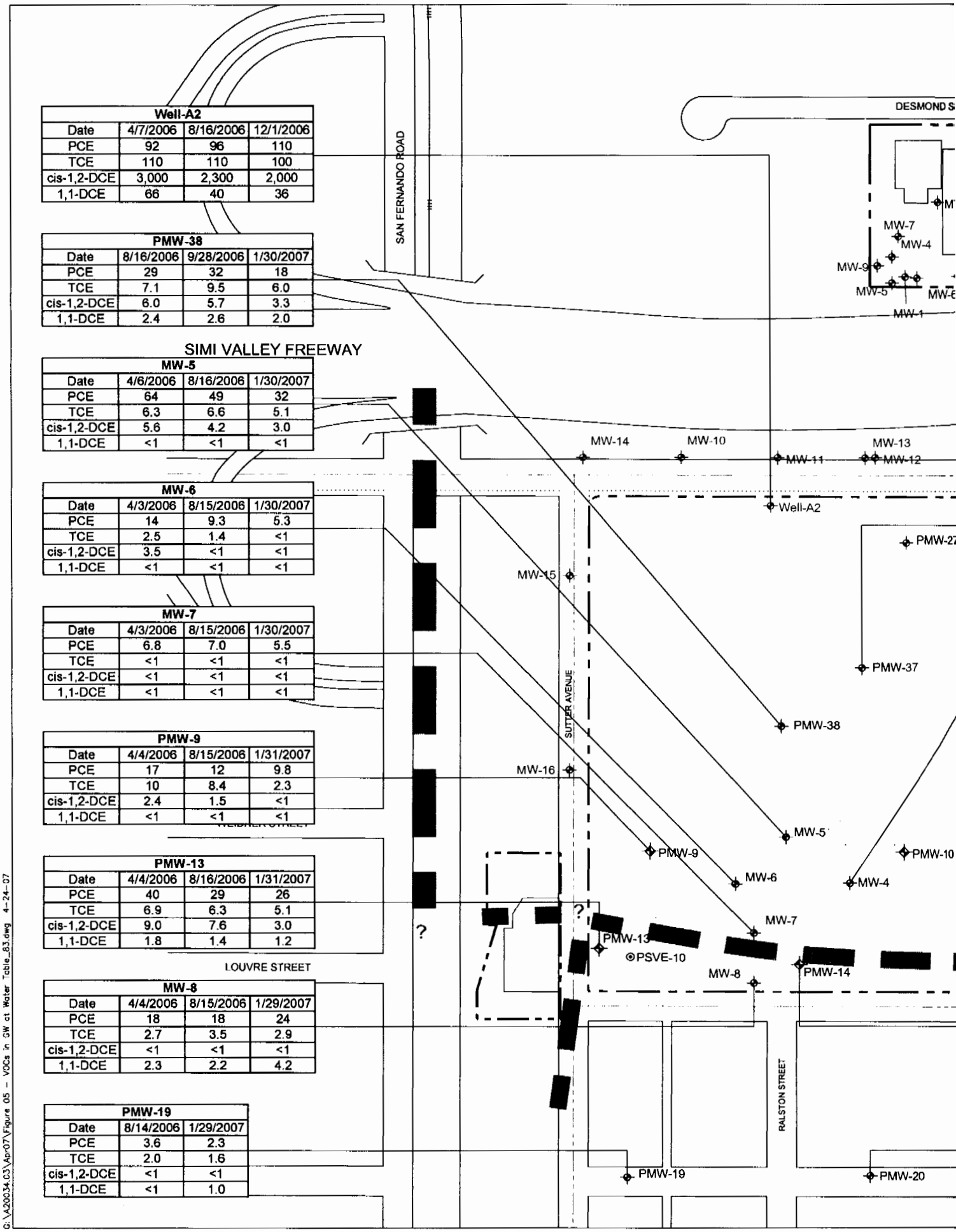
MW-7			
Date	4/3/2006	8/15/2006	1/30/2007
PCE	6.8	7.0	5.5
TCE	<1	<1	<1
cis-1,2-DCE	<1	<1	<1
1,1-DCE	<1	<1	<1

PMW-9			
Date	4/4/2006	8/15/2006	1/31/2007
PCE	17	12	9.8
TCE	10	8.4	2.3
cis-1,2-DCE	2.4	1.5	<1
1,1-DCE	<1	<1	<1

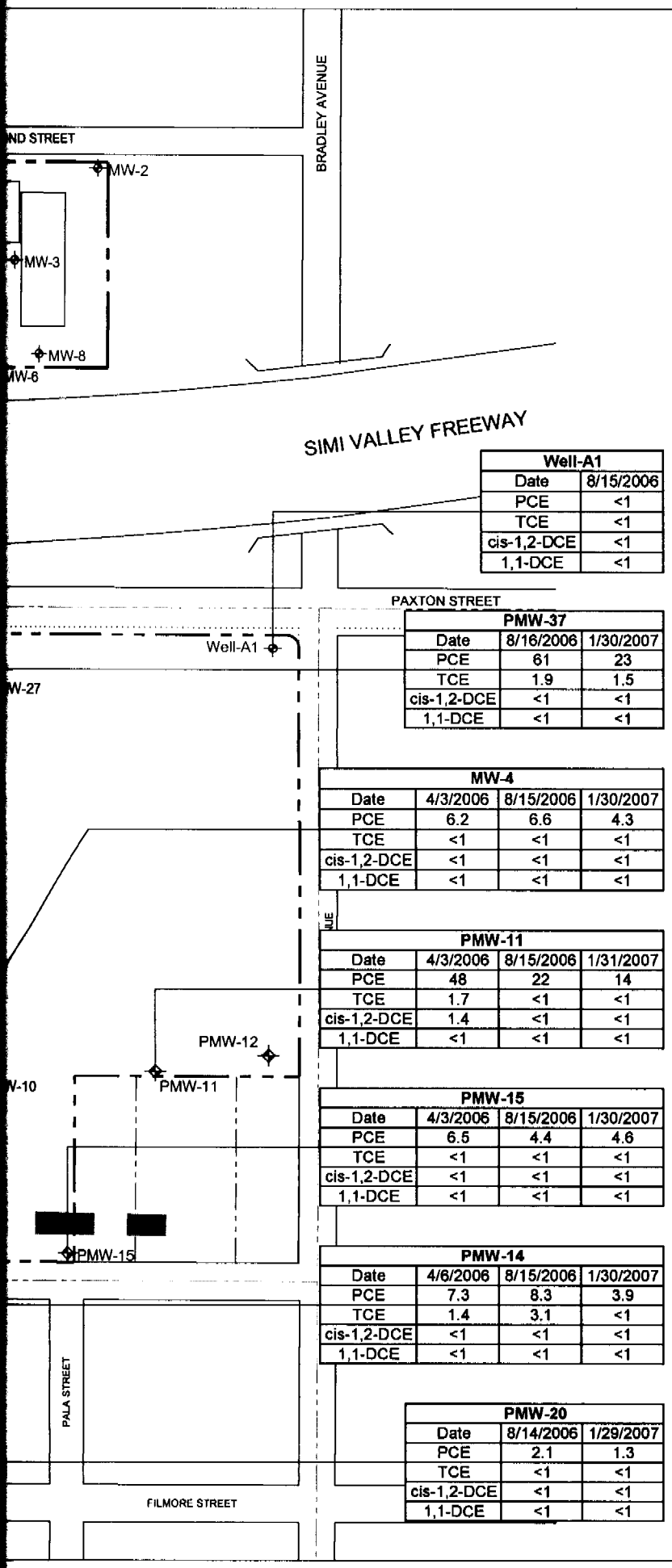
PMW-13			
Date	4/4/2006	8/16/2006	1/31/2007
PCE	40	29	26
TCE	6.9	6.3	5.1
cis-1,2-DCE	9.0	7.6	3.0
1,1-DCE	1.8	1.4	1.2

MW-8			
Date	4/4/2006	8/15/2006	1/29/2007
PCE	18	18	24
TCE	2.7	3.5	2.9
cis-1,2-DCE	<1	<1	<1
1,1-DCE	2.3	2.2	4.2

PMW-19		
Date	8/14/2006	1/29/2007
PCE	3.6	2.3
TCE	2.0	1.6
cis-1,2-DCE	<1	<1
1,1-DCE	<1	1.0



G:\A20034.03\Apr07\Figure 05 - VOCs in GW at Water Table_83.dwg 4-24-07



Well-A1	
Date	8/15/2006
PCE	<1
TCE	<1
cis-1,2-DCE	<1
1,1-DCE	<1

PMW-37		
Date	8/16/2006	1/30/2007
PCE	61	23
TCE	1.9	1.5
cis-1,2-DCE	<1	<1
1,1-DCE	<1	<1

MW-4			
Date	4/3/2006	8/15/2006	1/30/2007
PCE	6.2	6.6	4.3
TCE	<1	<1	<1
cis-1,2-DCE	<1	<1	<1
1,1-DCE	<1	<1	<1

PMW-11			
Date	4/3/2006	8/15/2006	1/31/2007
PCE	48	22	14
TCE	1.7	<1	<1
cis-1,2-DCE	1.4	<1	<1
1,1-DCE	<1	<1	<1

PMW-15			
Date	4/3/2006	8/15/2006	1/30/2007
PCE	6.5	4.4	4.6
TCE	<1	<1	<1
cis-1,2-DCE	<1	<1	<1
1,1-DCE	<1	<1	<1

PMW-14			
Date	4/6/2006	8/15/2006	1/30/2007
PCE	7.3	8.3	3.9
TCE	1.4	3.1	<1
cis-1,2-DCE	<1	<1	<1
1,1-DCE	<1	<1	<1

PMW-20		
Date	8/14/2006	1/29/2007
PCE	2.1	1.3
TCE	<1	<1
cis-1,2-DCE	<1	<1
1,1-DCE	<1	<1

N

0 250 500

(Approximate Scale in Feet)

Legend:

- Groundwater Monitoring Well
- Soil Vapor/Groundwater Monitoring Well
- Approximate Site Boundary

Abbreviations:

PCE	=	Tetrachloroethene
TCE	=	Trichloroethene
cis-1,2-DCE	=	cis-1,2-dichloroethene
1,1-DCE	=	1,1-dichloroethene
VOC	=	Volatile organic compound
<0.002	=	Analyte not detected above analytical method reporting limit shown.
Dup	=	Duplicate sample
NA	=	No data available

Notes:

1. All locations are approximate.
2. Analytical results are in micrograms per liter.
3. Data are posted only for monitoring wells sampled by Price Pfister and monitoring wells Well-A1 and Well-A2, which are located on the Price Pfister property, but sampled by Soco West, Inc./Former Holchem Site.
4. Data collected in the most recent four quarters (Second Quarter 2006 to First Quarter 2007) is shown.

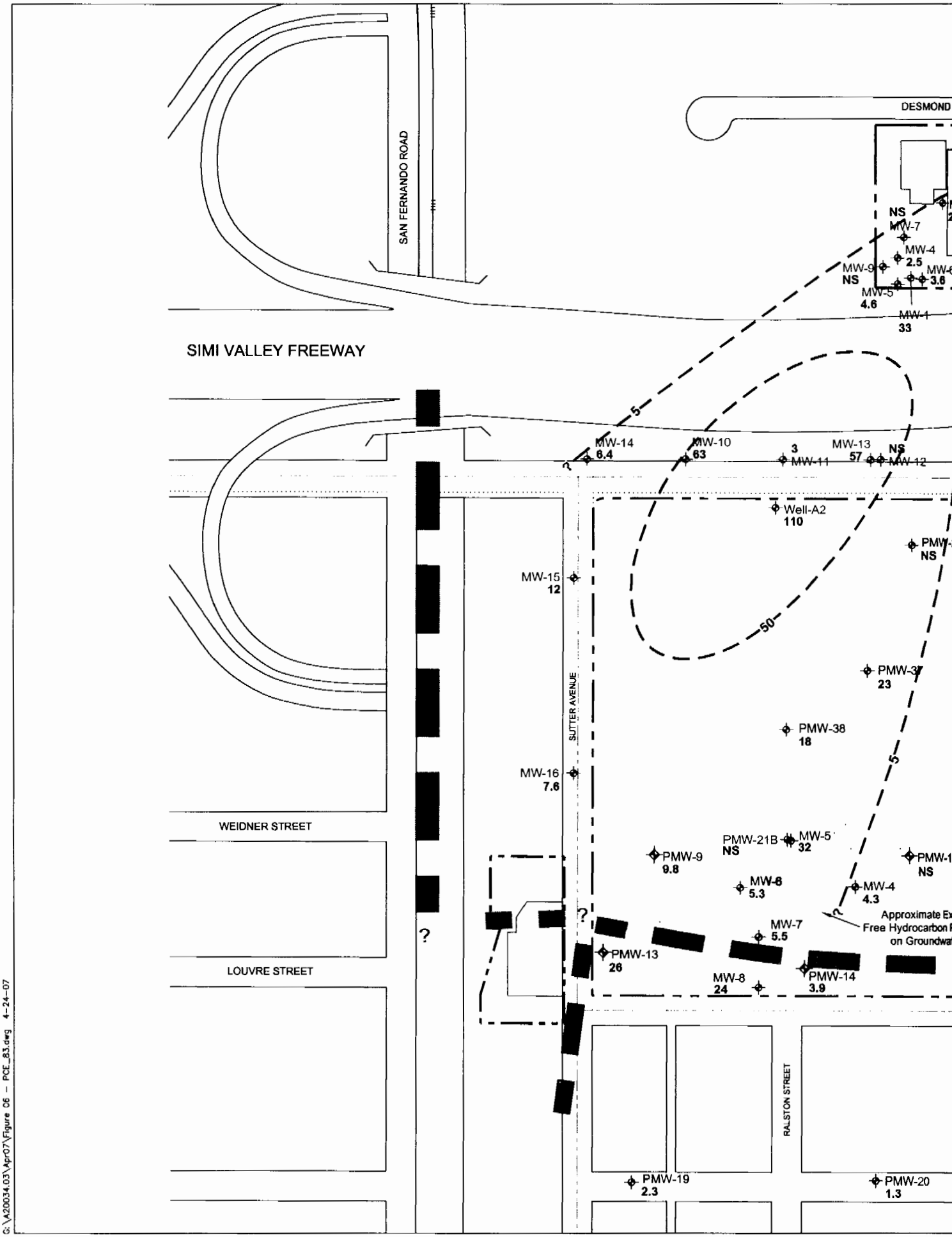
Erler & Kalinowski, Inc.

VOCs Detected in Groundwater Samples

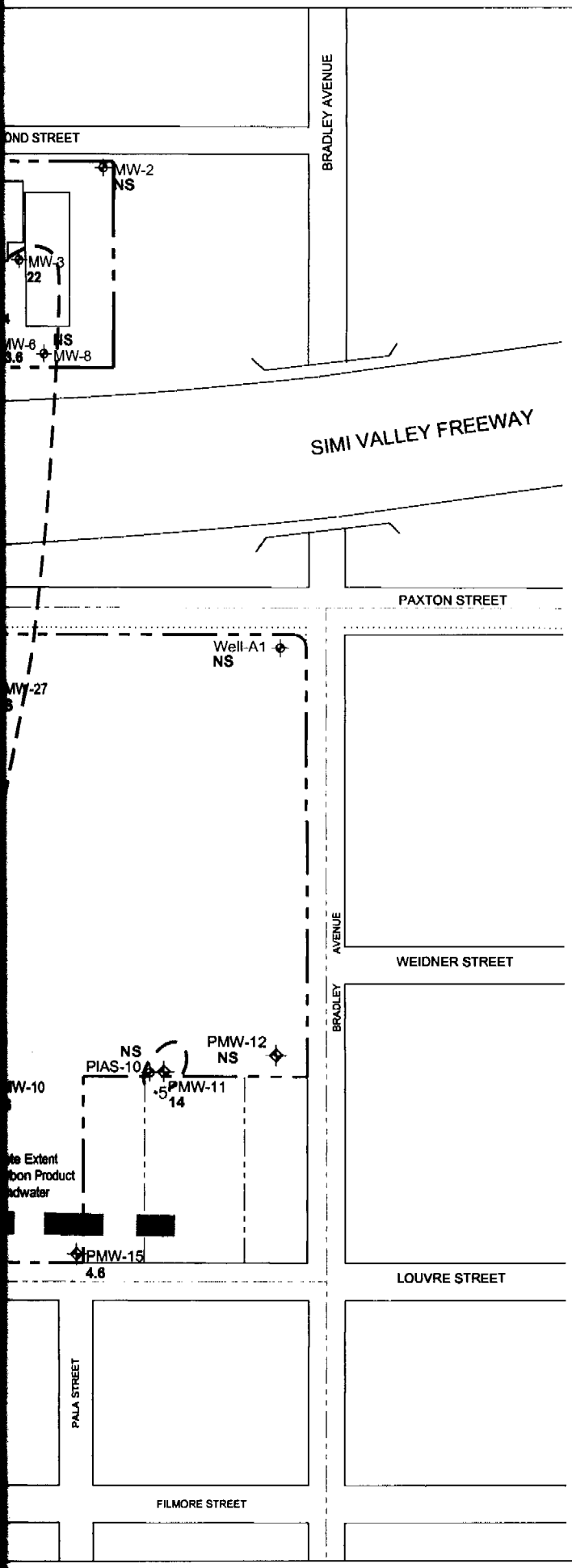
13500 Paxton Street
Pacoima, CA

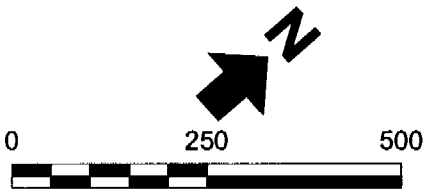
April 2007
EKI A20034.03

Figure 5



G:\A20034.03\Apr07\Figure 06 – PCE_83.dwg 4-24-07





(Approximate Scale in Feet)

Legend:

- Groundwater Monitoring Well
- Soil Vapor / Groundwater Monitoring Well
- Approximate Site Boundary
- 8.0 PCE Concentration (µg/L)
- Inferred Isoconcentration Contour
- Apparent Concealed Fault Zones Based on Historical Groundwater Elevation Data

Abbreviations:

PCE	=	Tetrachloroethene
NS	=	Not sampled
µg/L	=	micrograms per Liter
5 µg/L	=	Drinking water maximum contaminant level

Notes:

1. All locations are approximate.
2. Well symbols shown in light gray font are not part of the Price Pfister monitoring program.
3. Several wells are screened below the water table as follows:

WELL ID	WELL SCREEN DEPTH BELOW THE WATER TABLE* (FEET)
Price Pfister Wells	
MW-21B	45 to 55
PIAS-10	22 to 27
Soco West, Inc./Former Holchem Site Wells	
MW-7, MW-8, MW-9	10 to 30
MW-11	20 to 45
MW-12	30 to 50

*Depth varies with fluctuations in the groundwater table.

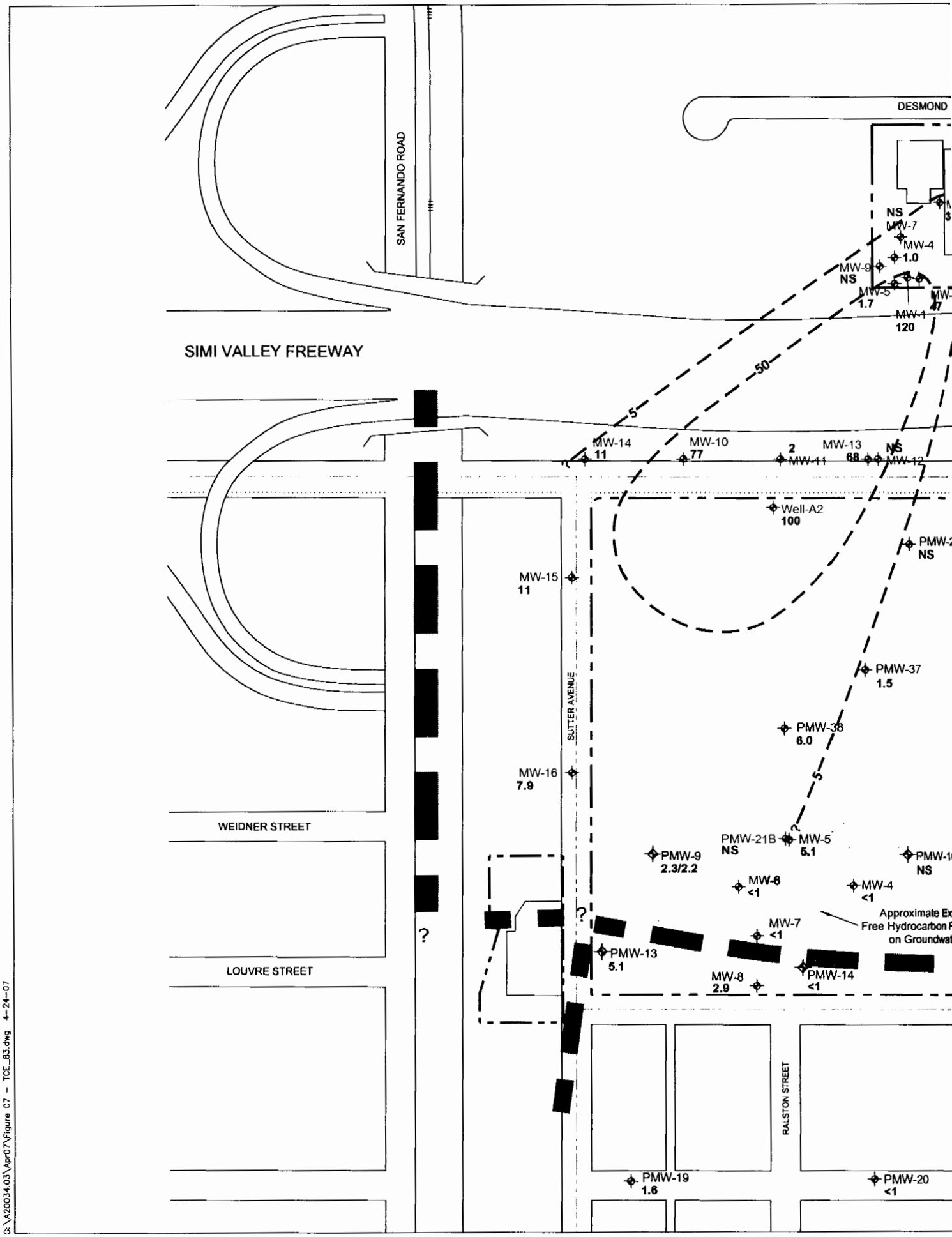
4. The PCE concentration data shown are for groundwater samples collected from 29 January to 1 February 2007. PCE concentration data shown for Soco West, Inc./Former Holchem Site wells are for samples collected in Fourth Quarter 2006.
5. Groundwater monitoring well sampling was conducted in accordance with RWQCB letter, dated 12 June 2006.

Erler & Kalinowski, Inc.

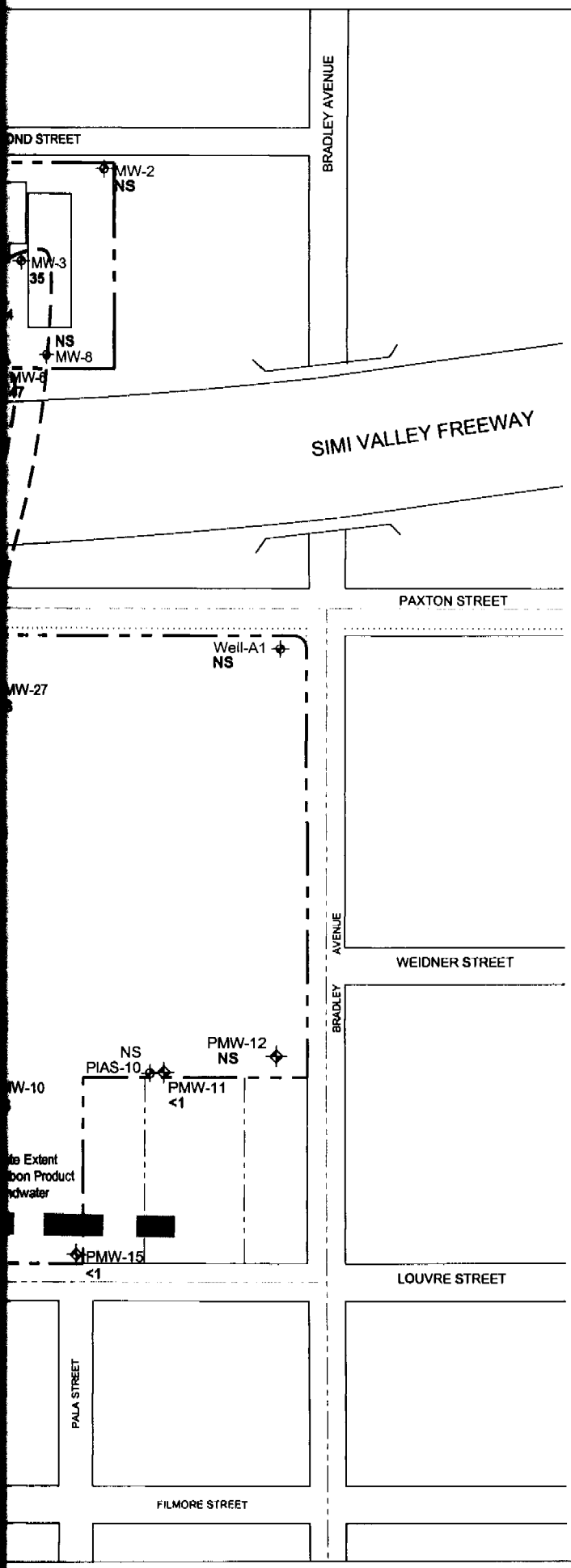
Inferred Distribution of PCE in Groundwater
First Quarter 2007

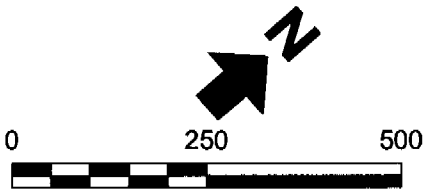
13500 Paxton Street
Pacoima, CA
April 2007
EKI A20034.03

Figure 6



G:\A20034.03\Apr07\Figure 07 - TCE_83.dwg 4-24-07





(Approximate Scale in Feet)

Legend:

- Groundwater Monitoring Well
- Soil Vapor / Groundwater Monitoring Well
- Approximate Site Boundary
- 8.0 TCE Concentration (µg/L)
- Inferred Isoconcentration Contour
- Apparent Concealed Fault Zones Based on Historical Groundwater Elevation Data

Abbreviations:

TCE	=	Trichloroethene
NS	=	Not sampled
µg/L	=	micrograms per Liter
5 µg/L	=	Drinking water maximum contaminant level

Notes:

1. All locations are approximate.
2. Well symbols shown in light gray font are not part of the Price Pfister monitoring program.
3. Several wells are screened below the water table as follows:

WELL ID	WELL SCREEN DEPTH BELOW THE WATER TABLE* (FEET)
Price Pfister Wells	
MW-21B	45 to 55
PIAS-10	22 to 27
Soco West, Inc./Former Holchem Site Wells	
MW-7, MW-8, MW-9	10 to 30
MW-11	20 to 45
MW-12	30 to 50

*Depth varies with fluctuations in the groundwater table.

4. The TCE concentration data shown are for groundwater samples collected from 29 January to 1 February 2007. TCE concentration data shown for Soco West, Inc./Former Holchem site wells are for samples collected in Fourth Quarter 2006.
5. Groundwater monitoring well sampling was conducted in accordance with RWQCB letter, dated 12 June 2006.

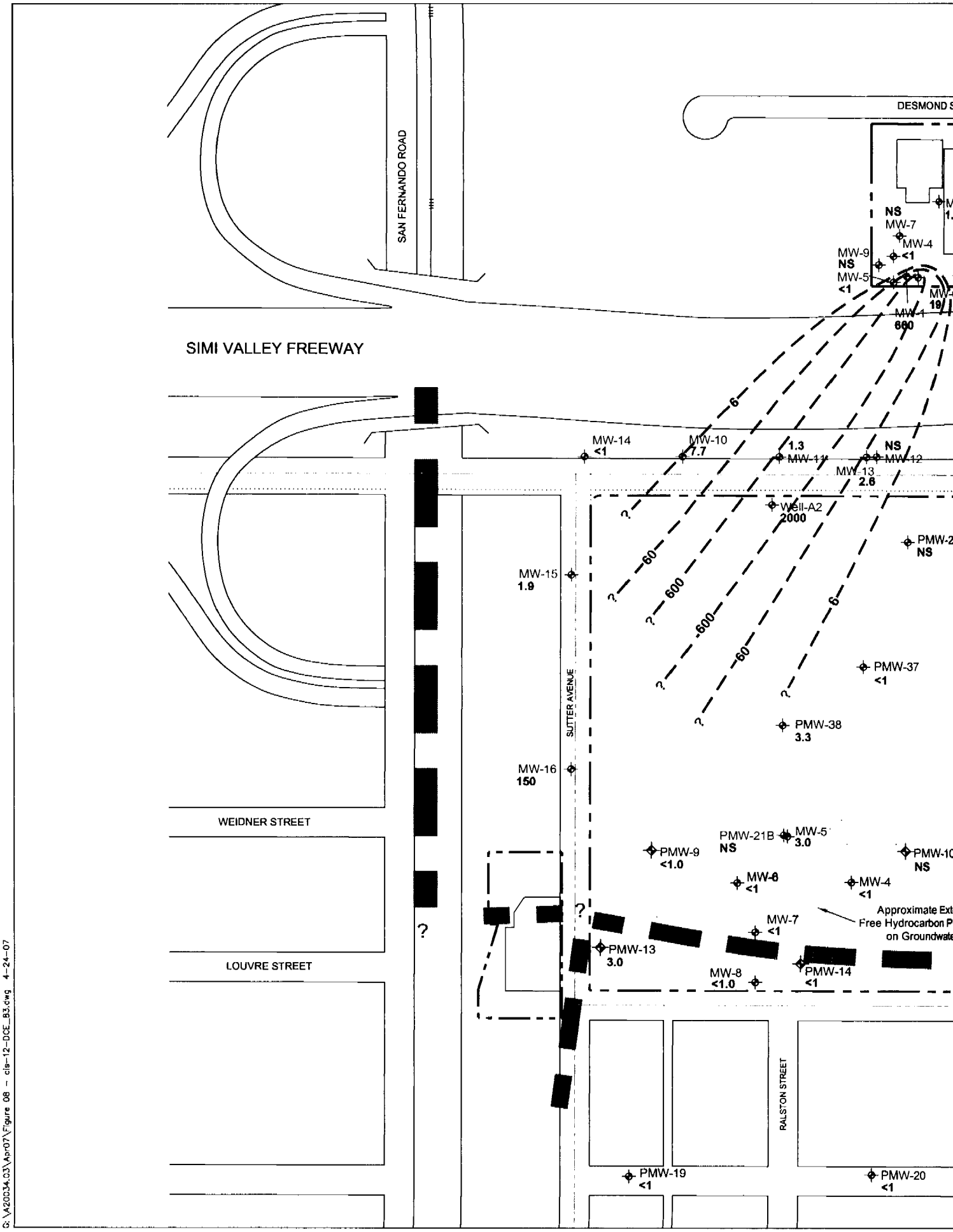
Erler & Kalinowski, Inc.

Inferred Distribution of TCE in Groundwater
First Quarter 2007

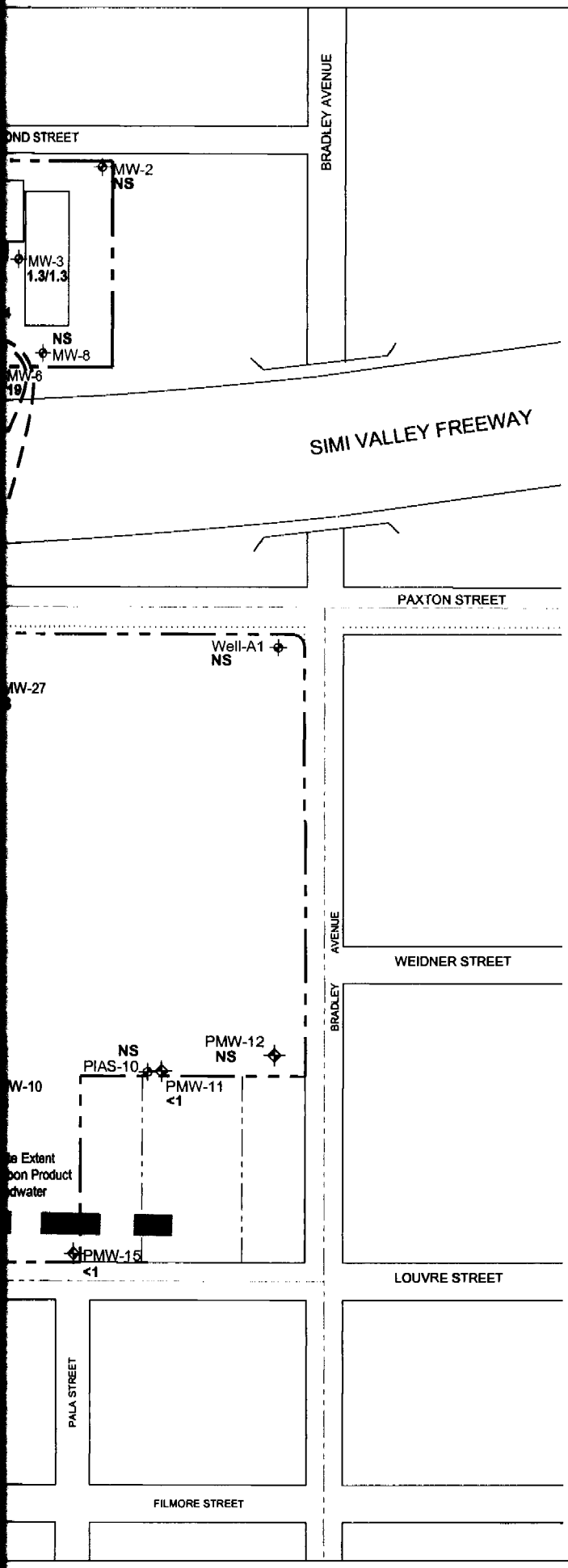
13500 Paxton Street
Pacoima, CA

April 2007
EKI A20034.03

Figure 7



G:\A20034.03\Apr07\Figure 08 - cis-12-DCE_B3.dwg 4-24-07



(Approximate Scale in Feet)

Legend:

- Groundwater Monitoring Well
- Soil Vapor / Groundwater Monitoring Well
- Approximate Site Boundary
- 8.0 cis-1,2-DCE Concentration (µg/L)
- Inferred Isoconcentration Contour
- Apparent Concealed Fault Zones Based on Historical Groundwater Elevation Data

Abbreviations:

cis-1,2-DCE	=	cis-1,2-dichloroethene
NS	=	Not sampled
µg/L	=	micrograms per Liter
6 µg/L	=	Drinking water maximum contaminant level

Notes:

1. All locations are approximate.
2. Well symbols shown in light gray font are not part of the Price Pfister monitoring program.
3. Several wells are screened below the water table as follows:

WELL ID	WELL SCREEN DEPTH BELOW THE WATER TABLE* (FEET)
Price Pfister Wells	
MW-21B	45 to 55
PIAS-10	22 to 27
Soco West, Inc./Former Holchem Site Wells	
MW-7, MW-8, MW-9	10 to 30
MW-11	20 to 45
MW-12	30 to 50

*Depth varies with fluctuations in the groundwater table.

4. The cis-1,2-DCE concentration data shown are for groundwater samples collected from 29 January to 1 February 2007. cis-1,2-DCE concentration data shown for Soco West, Inc./Former Holchem Site wells are for samples collected in Fourth Quarter 2006.
5. Groundwater monitoring well sampling was conducted in accordance with RWQCB letter, dated 12 June 2006.

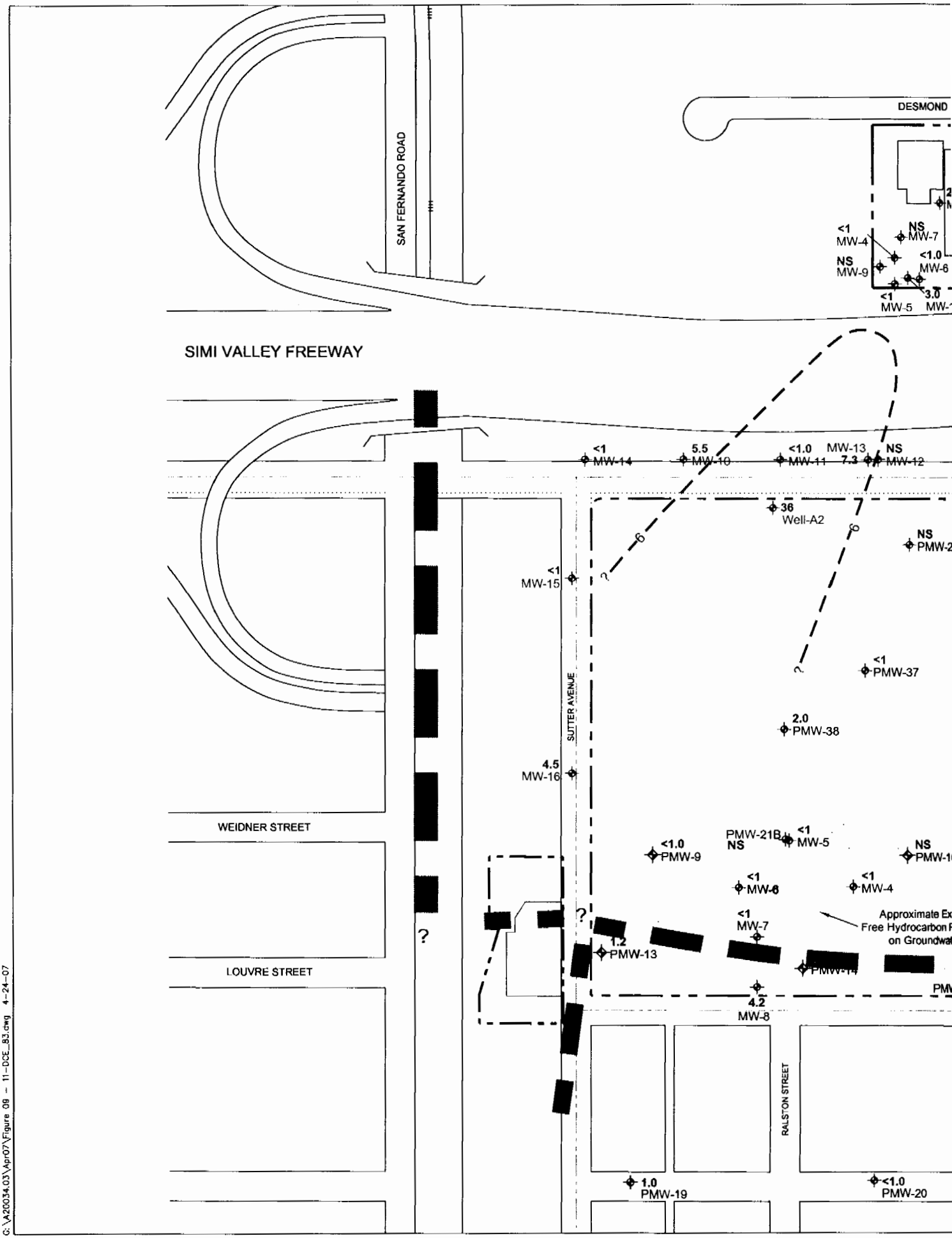
Erler & Kalinowski, Inc.

Inferred Distribution of cis-1,2-DCE in Groundwater
First Quarter 2007

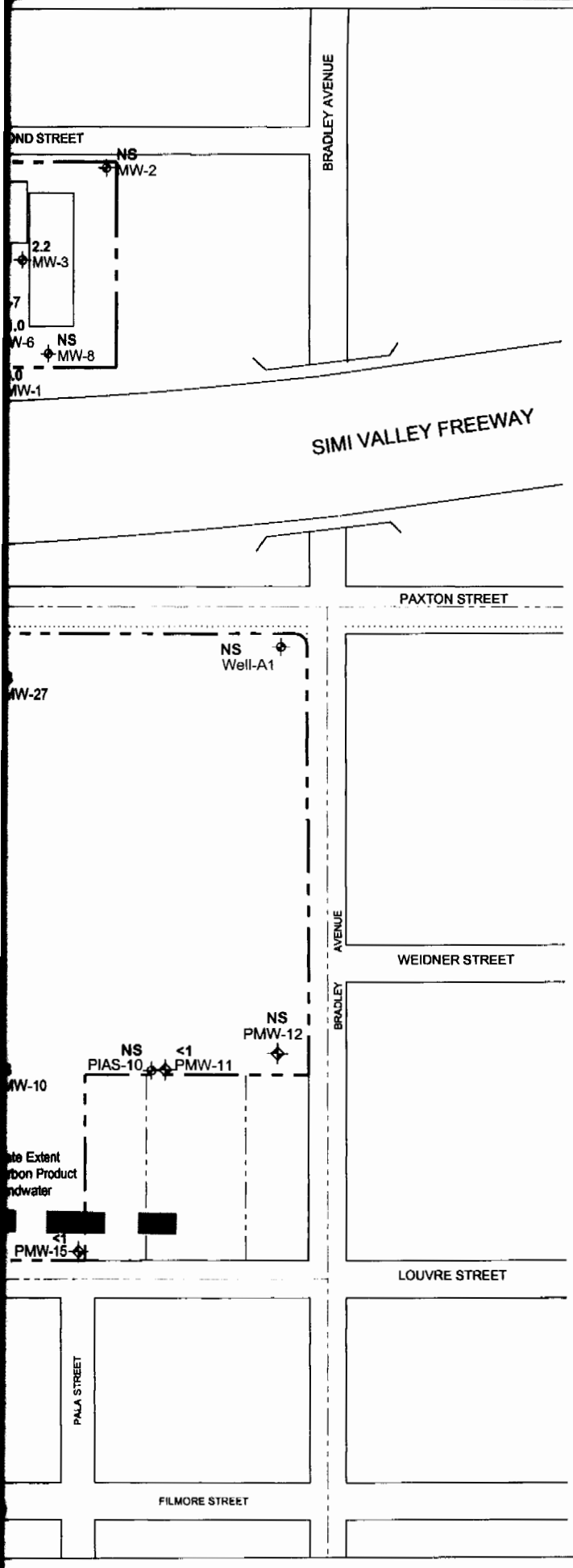
13500 Paxton Street
Pacoima, CA

April 2007
EKI A20034.03

Figure 8



G:\A20034.03\Apr07\Figure 09 – 11-DCE_83.dwg 4-24-07



(Approximate Scale in Feet)

Legend:

- Groundwater Monitoring Well
- Soil Vapor / Groundwater Monitoring Well
- Approximate Site Boundary
- 8.0 — 1,1-DCE Concentration (µg/L)
- Inferred Isoconcentration Contour
- Apparent Concealed Fault Zones Based on Historical Groundwater Elevation Data

Abbreviations:

1,1-DCE	=	1,1-Dichloroethene
NS	=	Not sampled
µg/L	=	micrograms per Liter
6 µg/L	=	Drinking water maximum contaminant level

Notes:

1. All locations are approximate.
2. Well symbols shown in light gray font are not part of the Price Pfister monitoring program.
3. Several wells are screened below the water table include the following:

WELL ID	WELL SCREEN DEPTH BELOW THE WATER TABLE* (FEET)
Price Pfister Wells	
MW-21B	45 to 55
PIAS-10	22 to 27
Soco West, Inc./Former Holchem Site Wells	
MW-7, MW-8, MW-9	10 to 30
MW-11	20 to 45
MW-12	30 to 50

*Depth varies with fluctuations in the groundwater table.

4. The 1,1-DCE concentration data shown are for groundwater samples collected from 29 January to 1 February 2007. 1,1-DCE concentration data shown for Soco West, Inc./Former Holchem Site wells are for samples collected in Fourth Quarter 2006.
5. Groundwater monitoring well sampling was conducted in accordance with RWQCB letter, dated 12 June 2006.

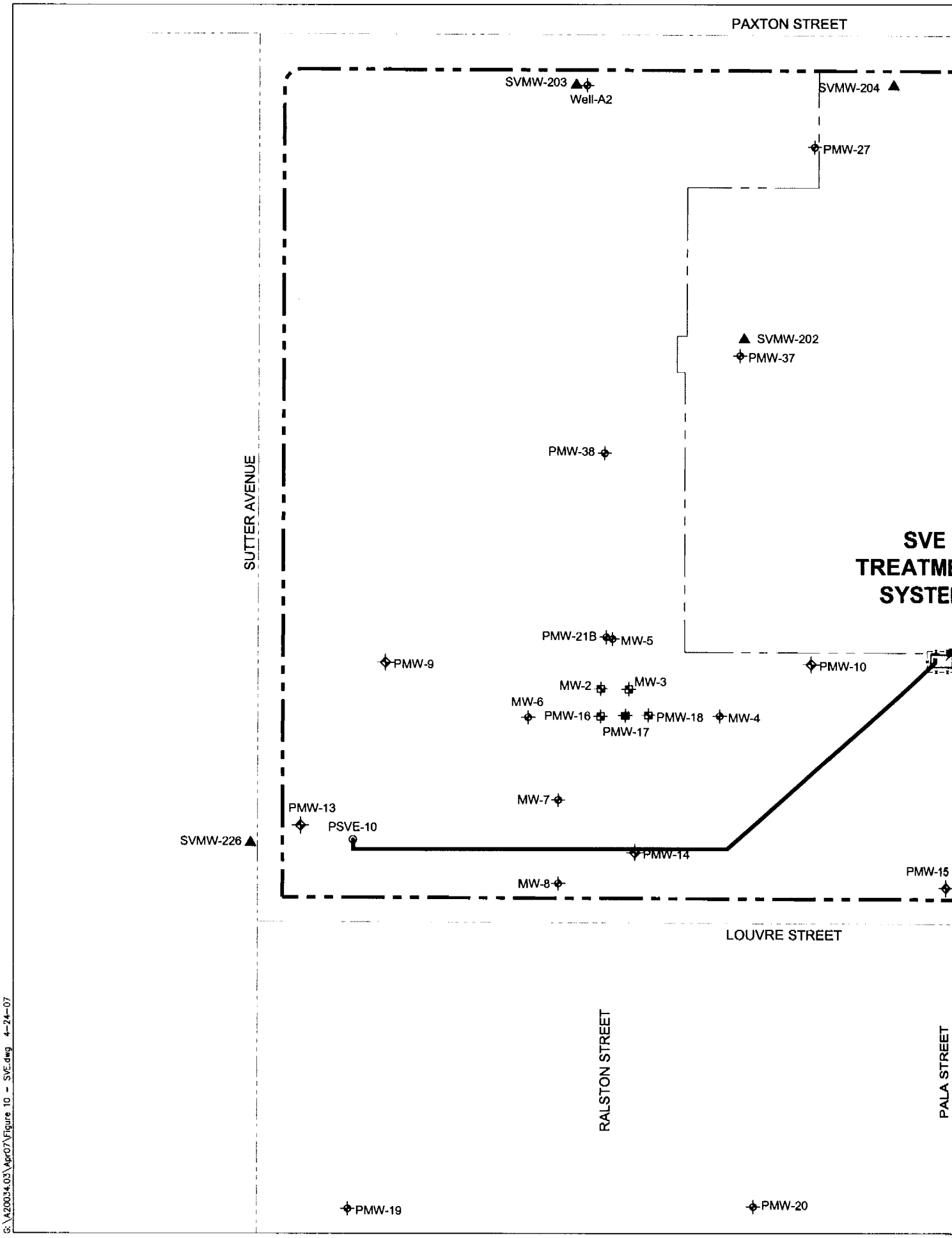
Erler & Kalinowski, Inc.

Inferred Distribution of 1,1-DCE in Groundwater
First Quarter 2007

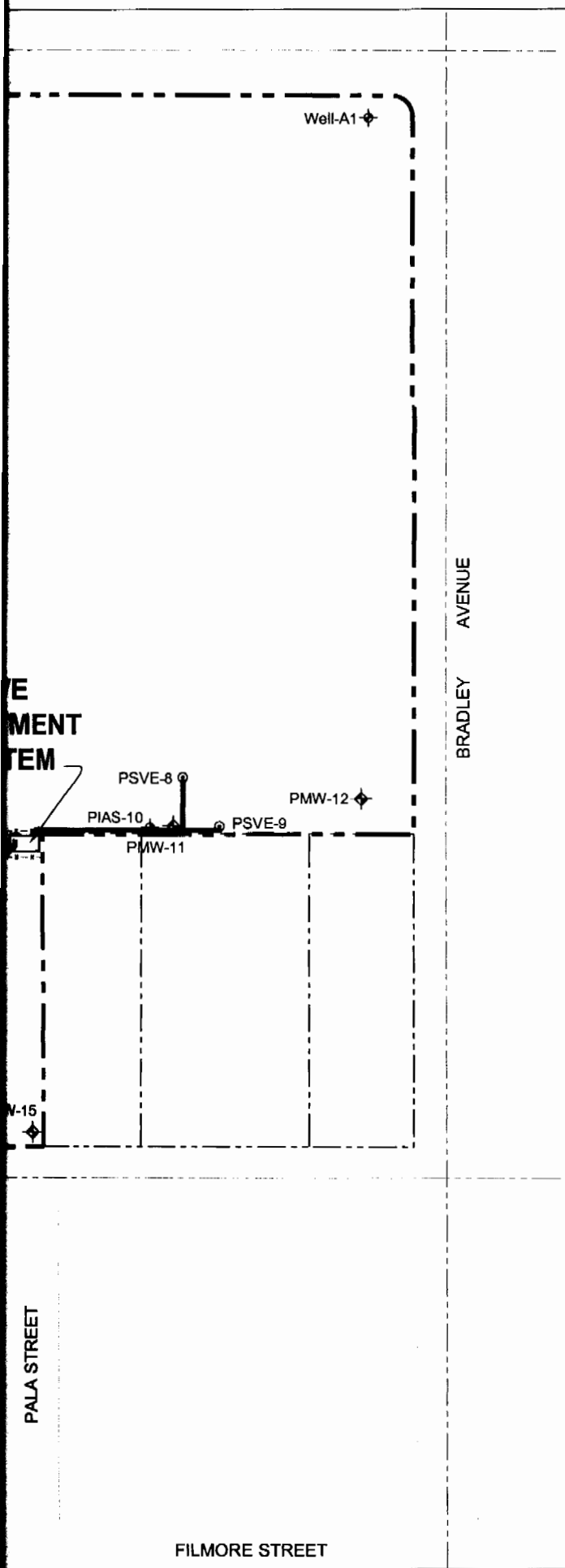
13500 Paxton Street
Pacoima, CA

April 2007
EKI A20034.03

Figure 9



G:\A20034.03\Apr07\Figure 10 - SVE.dwg 4-24-07



N

0 150 300

(Approximate Scale in Feet)

Legend:

- Groundwater Monitoring Well
- Soil Vapor/Groundwater Monitoring Well
- Free Hydrocarbon Product Collection Well
- Soil Vapor Monitoring/Free Hydrocarbon Product Collection Well
- Soil Vapor Monitoring Well
- Soil Vapor Extraction Well
- Approximate Site Boundary
- SVE Aboveground Piping

Abbreviations:

SVE = Soil Vapor Extraction

Note:

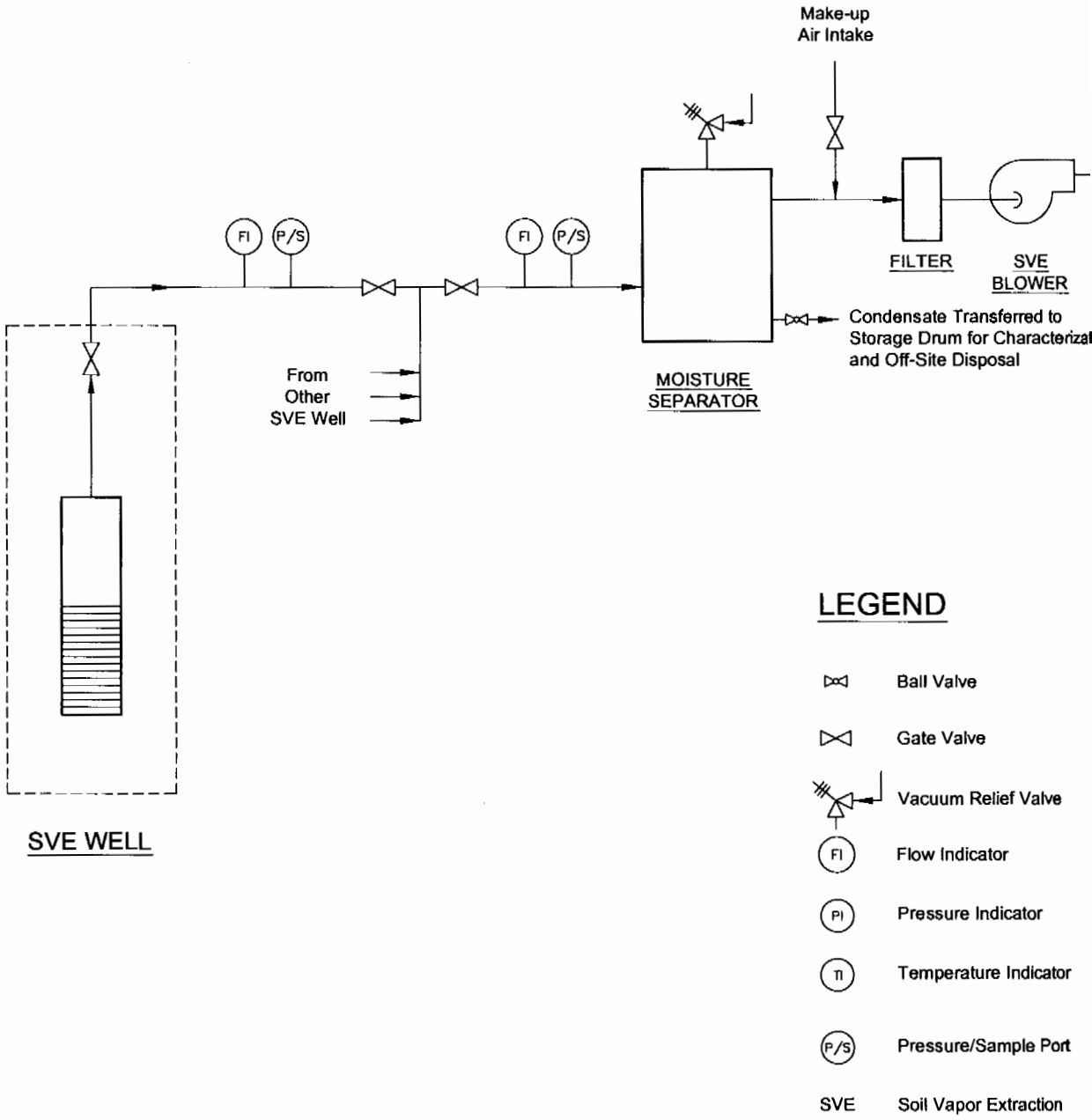
1. All locations are approximate.
2. Well-A1 and Well-A2 are not part of the Price Pfister monitoring program. These wells are monitored by Arcadis on behalf of the Soco West, Inc./Former Holchem Site.

Erler & Kalinowski, Inc.

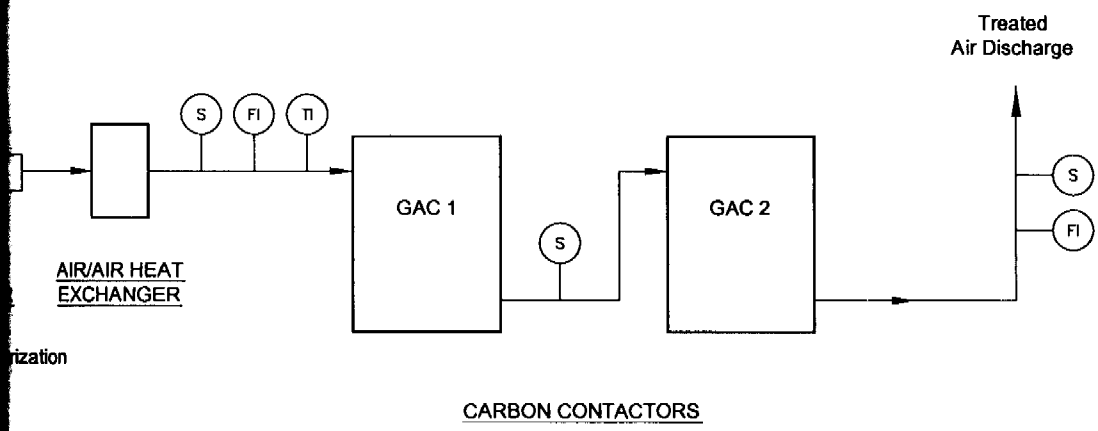
Layout of SVE System

13500 Paxton Street
Pacoima, CA
April 2007
EKI A20034.03

Figure 10



G:\426034 03\Apr07\Figure 11 -Simplified P2.dwg 4-24-07



Erler & Kalinowski, Inc.

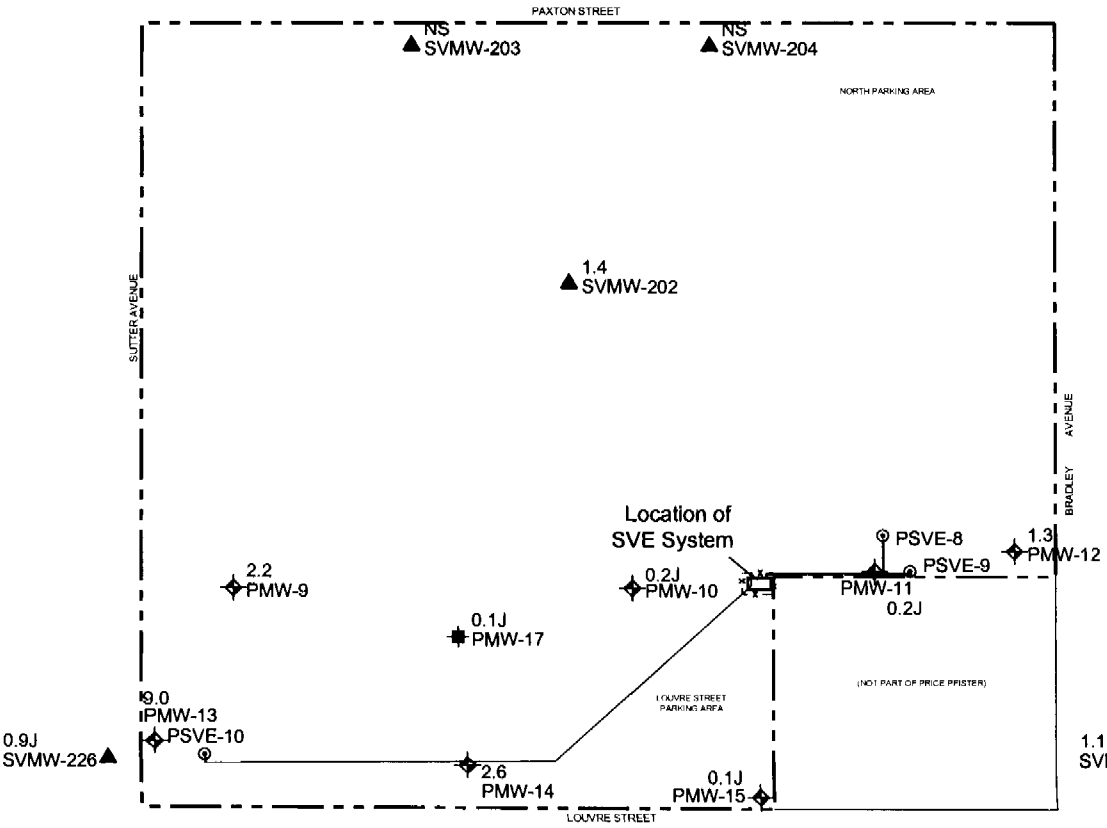
Simplified Process and
Instrumentation Diagram
for the SVE System

13500 Paxton Street
Pacoima, CA

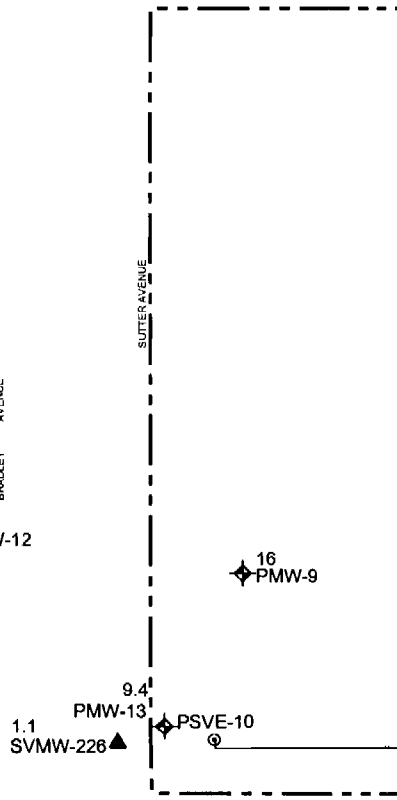
April 2007
EKI A20034.03

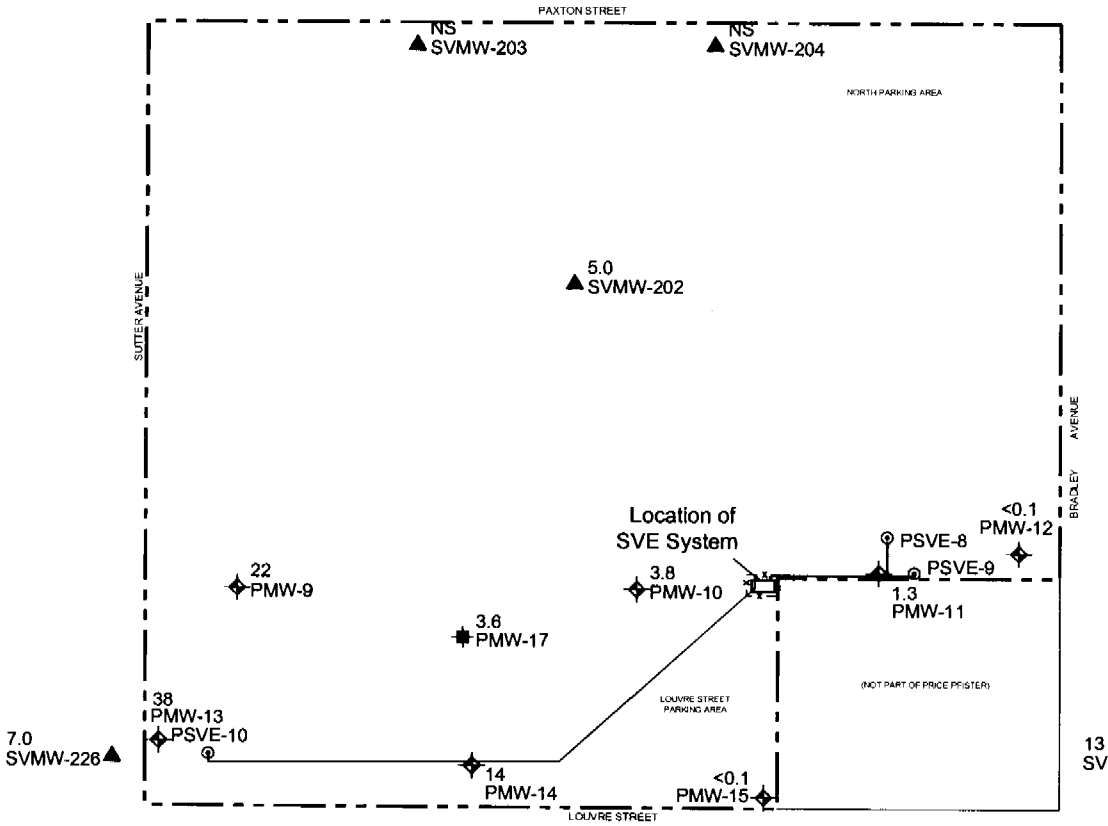
Figure 11

PCE CONCENTRATIONS AT FIRST SCREEN ~10 TO 24 ft bgs



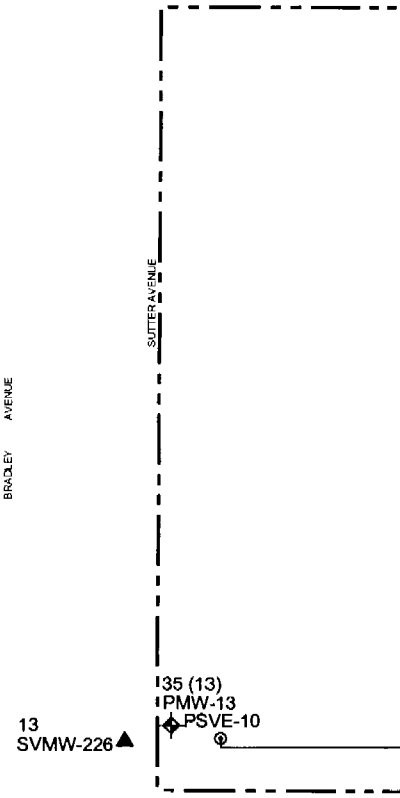
PCE CONCENTRAT





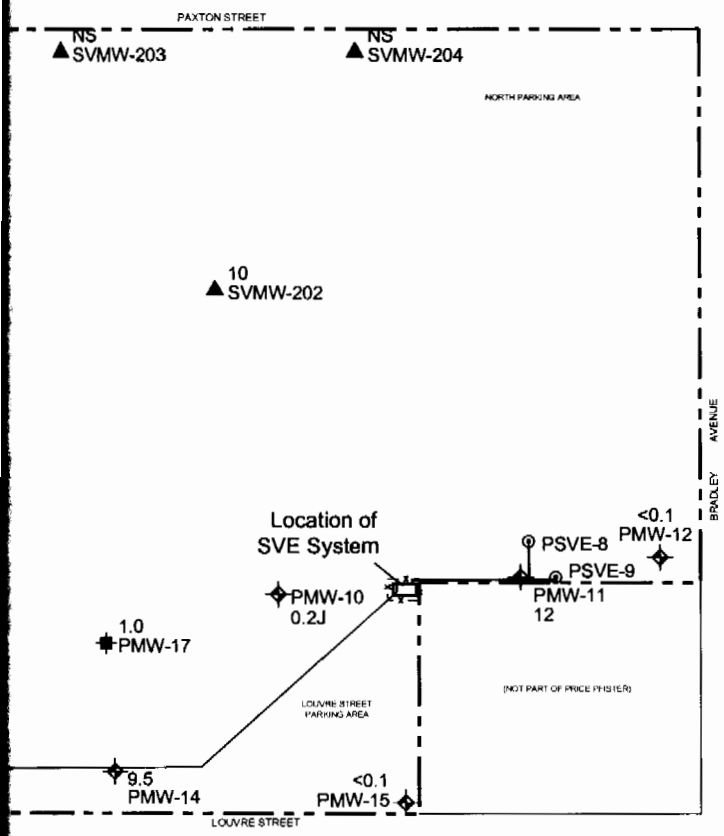
PCE CONCENTRATIONS AT THIRD SCREEN ~40 TO 54 ft bgs

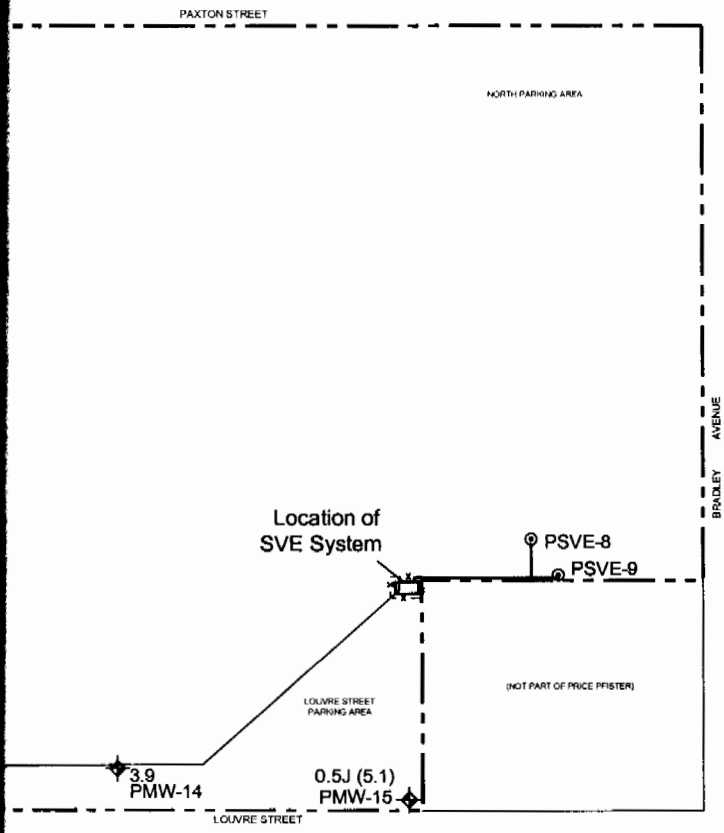
PCE CONCENTRAT



G:\A20034_03\Apr07\Figure 12 - PCE Concentrations in Soil Vapor Sampling Wells.dwg 4-24-07

ATIONS AT SECOND SCREEN ~25 TO 39 ft bgs





RATIONS AT FOURTH SCREEN ~59 TO 65 ft bgs

(Approximate Scale in Feet)

Legend:

- ▲ Soil Vapor Monitoring Well
- ⊙ Soil Vapor Extraction Well
- Soil Vapor/Groundwater Monitoring Well
- Soil Vapor Monitoring/Free Hydrocarbon Product Collection Well
- Approximate Site Boundary
- Fence
- 3.9 PCE Concentration in Soil Gas, µg/L
- (17) Duplicate Value
- Above-Grade SVE Piping

Abbreviations:

ft bgs	=	Feet below ground surface
J	=	Detection below the standard laboratory reporting limit of 1 µg/L
NS	=	Not sampled
µg/L	=	Micrograms per liter
PCE	=	Tetrochloroethene
SVE	=	Soil vapor extraction

Notes:

1. All locations are approximate.
2. All vapor monitoring wells have vapor sampling screens at roughly 15 ft, 30 ft, and 45 ft bgs. Wells PMW-13, PMW-14, PMW-15, and SVMW-226 also have screens at roughly 60 ft bgs.
3. Operation of the SVE system was started on 15 August 2006. The system was expanded to include well PSVE-10. Extraction of vapors at well PSVE-10 began on 15 February 2007. Samples were collected prior to expansion of the SVE system.

Erler & Kalinowski, Inc.

PCE Concentrations in Soil Vapor
February 2007

13500 Paxton Street
Pacoima, CA
April 2007
EKI A20034.04

Figure 12