

Detterman, Mark, Env. Health

From: Detterman, Mark, Env. Health
Sent: Tuesday, April 14, 2015 5:47 PM
To: 'Daniel Villanueva'
Subject: RE: Swiss Valley Cleaners Data Review Request (Tables and Base Email)

Daniel,

Thanks for the new and updated data. Based on the data you have forwarded, the locations of the proposed vapor wells appear to be reasonable. I note that the optometry suite and the area behind the suite is not fully covered by the estimated radius of influence depiction; however, you may have a reason that will be discussed in the pending report. That can wait until then. In regards to installing wells in the dance and fitness studio, it appears reasonable to proceed with well installation while there is an opportunity provided by construction at the site / suite. They do not need to wait our comments as it would be unlikely that an alternative corrective action would be approved at this time. There would be an opportunity for the tenants to comment afterward installation and before startup for the unoccupied suite if needed.

Should you have questions, please let me know. Otherwise, I'll look forward to the report.

Regards,

Mark Detterman
Senior Hazardous Materials Specialist, PG, CEG
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PDF copies of case files can be downloaded at:

<http://www.acgov.org/aceh/lop/ust.htm>

From: Daniel Villanueva [<mailto:dvillanueva@advgeoenv.com>]
Sent: Monday, April 06, 2015 3:35 PM
To: Detterman, Mark, Env. Health
Subject: Swiss Valley Cleaners Data Review Request (Tables and Base Email)

Mark,

As mentioned in our conversation, AGE has attached the most recent soil, soil vapor, sub-slab vapor data and indoor air sampling data for the Swiss Valley Cleaners site located at 1395 MacArthur Boulevard, San Leandro, California. AGE has provided lateral view maps of soil vapor and soil impacted with PCE based on historical and the most recent data collected during the 2015 investigation. AGE has also provided a map showing the proposed location of soil-vapor wells. More specifically AGE is requesting that the locations of proposed vapor wells in the former Jazzercise unit be reviewed and potentially installed (if appropriate), while construction activities have taken place within the unit.

Please let me know if you have any questions regarding the attached analytical data or maps. A full report of the site assessment activities and results is being prepared and will include AGE's recommendations for the installation of a soil vapor extraction system and additional vapor wells to begin removing the PCE soil vapor impact resulting from former releases at the subject site.

Regards,

Daniel Villanueva

Project Geologist

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TABLE 1
ANALYTICAL RESULTS OF SOIL-VAPOR SAMPLES
 Swiss Valley Cleaners
 1395 MacArthur Boulevard, San Leandro, California
 (micrograms per cubic meter)

Sample ID	Date	Depth (feet bsg)	EPA Method 8260B							
			PCE	TCE	1,1-DCE	Trans 1,2-DCE	Cis 1,2-DCE	VC	Chloroform	
V-1	05-08-2013	5	29,000	<2	<2	<2	<2	<2	<2	<1
V-2	05-08-2013	5	23,000	<2	<2	<2	<2	<2	<2	<1
V-3	05-08-2013	5	15,000	<2	<2	<2	<2	<2	<2	<1
VP-1 (1 purge volume)	10-15-2013	5	33,000	<100	<100	<100	<100	<100	<100	<100
VP-1 (3 purge volumes)	10-15-2013	5	33,000	<100	<100	<100	<100	<100	<100	<100
VP-1 (10 purge volumes)	10-15-2013	5	33,000	<100	<100	<100	<100	<100	<100	<100
VP-2	10-15-2013	5	27,000	<100	<100	<100	<100	<100	<100	<100
VP-3	10-15-2013	3	13,000	<100	<100	<100	<100	<100	<100	<100
VP-4	10-15-2013	5	43,000	<100	<100	<100	<100	<100	<100	<100
VP-5	10-15-2013	5	4,400	<100	<100	<100	<100	<100	<100	240
VP-6	10-15-2013	5	36,000	<100	<100	<100	<100	<100	<100	<100
VP-7	10-15-2013	5	39,000	<100	<100	<100	<100	<100	<100	<100
VP-7 (dup)	10-15-2013	5	37,000	<100	<100	<100	<100	<100	<100	<100
VP-8	10-15-2013	5	67,000*	<100	<100	<100	<100	<100	<100	<100
VP-9	10-16-2013	5	42,000	<100	<100	<100	<100	<100	<100	<100
VP-10	10-16-2013	5	54,000*	<100	<100	<100	<100	<100	<100	<100
VP-11	10-16-2013	5	110,000	<100	<100	<100	<100	<100	<100	<100
VP-12	10-16-2013	5	95,000	<100	<100	<100	<100	<100	<100	<100

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			PCE	TCE	1,1-DCE	Trans 1,2-DCE	Cis 1,2-DCE	VC	Chloroform
VP-13	10-16-2013	5	80,000	<100	<100	<100	<100	<100	<100
VP-14	10-16-2013	5	55,000	<100	<100	<100	<100	<100	<100
VP-14 (dup)	10-16-2013	5	57,000	<100	<100	<100	<100	<100	<100
VP-15	10-16-2013	5	83,000	<100	<100	<100	<100	<100	<100
VP-16	10-16-2013	5	110,000	<100	<100	<100	<100	<100	<100
VP-17	10-16-2013	5	80,000	<100	<100	<100	<100	<100	<100
VP-18	10-16-2013	5	95,000	<100	<100	<100	<100	<100	<100
VP-19	10-16-2013	5	76,000	<100	<100	<100	<100	<100	<100
VP-20	not completed								
VP-21	10-17-2013	5	100,000	<100	<100	<100	<100	<100	<100
VP-22	10-17-2013	5	110,000	<100	<100	<100	<100	<100	<100
VP-23	10-17-2013	5	77,000	<100	<100	<100	<100	<100	<100
VP-24	10-17-2013	3	400,000	<100	<100	<100	<100	<100	<100
VP-25	10-17-2013	5	190,000	<100	<100	<100	<100	<100	<100
VP-26	10-17-2013	5	84,000	<100	<100	<100	<100	<100	<100
VP-27	10-17-2013	5	100,000	<100	<100	<100	<100	<100	<100
VP-28	10-17-2013	5	110,000	<100	<100	<100	<100	<100	<100
VP-29	10-17-2013	5	50,000	<100	<100	<100	<100	<100	<100

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Sample ID	Date	Depth (feet bsg)	EPA Method 8260B						
			PCE	TCE	1,1-DCE	Trans 1,2-DCE	Cis 1,2-DCE	VC	Chloroform
VP-30	10-17-2013	5	1,200	<100	<100	<100	<100	<100	<100
VP-31	10-18-2013	5	100,000	<100	<100	<100	<100	<100	<100
VP-32	10-18-2013	5	2,500	<100	<100	<100	<100	<100	<100
VP-32 (dup)	10-18-2013	5	2,100	<100	<100	<100	<100	<100	<100
VP-33	10-18-2013	5	18,000	<100	<100	<100	<100	<100	<100
VP-34	10-18-2013	5	20,000	<100	<100	<100	<100	<100	<100
VP-35	10-18-2013	5	14,000	<100	<100	<100	<100	<100	<100
VP-36	10-18-2013	5	5,900	<100	<100	<100	<100	<100	<100
VP-37	10-18-2013	5	14,000	<100	<100	<100	<100	<100	<100
VP-38	10-18-2013	5	37,000	<100	<100	<100	<100	<100	<100
VP-39	10-18-2013	5	24,000	<100	<100	<100	<100	<100	<100
VP-40	10-18-2013	5	17,000	220	<100	<100	<100	<100	<100
VP-41	05-05-2014	5	7,300	<100	<100	<100	<100	<100	<100
VP-42	05-05-2014	5	14,000	<100	<100	<100	<100	<100	<100
VP-43	05-05-2014	5	32,000	<100	<100	<100	<100	<100	<100
VP-43 (dup)	05-05-2014	5	30,000	<100	<100	<100	<100	<100	<100
VP-44	05-05-2014	5	38,000	<100	<100	<100	<100	<100	<100
VP-45	05-06-2014	5	1,200	<100	<100	<100	<100	<100	<100

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Sample ID	Date	Depth (feet bsg)	EPA Method 8260B						
			PCE	TCE	1,1-DCE	Trans 1,2-DCE	Cis 1,2-DCE	VC	Chloroform
VP-46	05-06-2014	5	24,000	<100	<100	<100	<100	<100	<100
VP-46 (dup)	05-06-2014	5	21,000	<100	<100	<100	<100	<100	<100
VP-47	05-07-2014	5	1,400	<100	<100	<100	<100	<100	<100
VP-48	05-07-2014	5	3,400	<100	<100	<100	<100	<100	<100
VP-49	05-07-2014	5	3,000	<100	<100	<100	<100	<100	<100
VP-50	05-07-2014	5	570	<100	<100	<100	<100	<100	<100
VP-51	05-07-2014	5	2,100	<100	<100	<100	<100	<100	<100
VP-52	05-07-2014	5	1,300	<100	<100	<100	<100	<100	<100
VP-52 (dup)	05-07-2014	5	1,500	<100	<100	<100	<100	<100	<100
B46-Vapor	02-10-2015	3	1,400	<250	<250	<250	<250	<250	<250
B47-Vapor	02-10-2015	3	800	<250	<250	<250	<250	<250	<250
B48-Vapor	02-10-2015	3	410	<250	<250	<250	<250	<250	<250
B49-Vapor	02-10-2015	3	440	<250	<250	<250	<250	<250	<250
B50-Vapor	02-10-2015	3	1,500	<250	<250	<250	<250	<250	<250
B51-Vapor	02-26-2015	5	170	<100	<100	<100	<100	<100	<100
B52-Vapor	02-26-2015	5	260	<100	<100	<100	<100	<100	<100
B53-Vapor	02-26-2015	5	350	<100	<100	<100	<100	<100	<100
B54-Vapor	02-26-2015	5	1,300	<100	<100	<100	<100	<100	<100

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Sample ID	Date	Depth (feet bsg)	EPA Method 8260B						
			PCE	TCE	1,1-DCE	Trans 1,2-DCE	Cis 1,2-DCE	VC	Chloroform
B55-Vapor	02-26-2015	5	1,700	<100	<100	<100	<100	<100	<100
B55-Vapor (dup.)	02-26-2015	5	1,700	<100	<100	<100	<100	<100	<100
B56-Vapor	02-27-2015	5	36,000	<100	<100	<100	<100	<100	<100
B58-Vapor	02-27-2015	5	68,000	<100	<100	<100	<100	<100	<100
B58-Vapor (dup.)	02-27-2015	5	70,000	<100	<100	<100	<100	<100	<100
B59-Vapor	02-27-2015	5	18,000	<100	<100	<100	<100	<100	<100
B60-Vapor	03-10-2015	5	<100	<100	<100	<100	<100	<100	<100
B61-Vapor	03-10-2015	5	210	<100	<100	<100	<100	<100	<100
B62-Vapor	03-10-2015	5	<100	<100	<100	<100	<100	<100	<100
B63-Vapor	03-10-2015	5	<100	<100	<100	<100	<100	<100	<100
CHHSLs (Residential)			180	528	-	31,900	15,900	13.3	-
SFBRWCB ESL Shallow Soil Gas (Commercial)			2,100	3,000	100,000	260,000	-	16	230
SFBRWCB ESL Shallow Soil Gas (Residential)			210	300	880,000	31,000	-	160	2,300

Notes:

SFBRWCB ESL: San Francisco Bay Regional Water Quality Control Board Environmental Screening Level for shallow soil gas
 <: Indicates constituents were not detected at a concentration greater than the reporting limit shown.
 CHHSLs: California Human Health Screening Levels
 PCE: Tetrachloroethene
 TCE: Trichloroethene
 1,1-DCE: 1,1-Dichloroethene
 Trans 1,2-DCE: Trans 1,2-Dichloroethene
 Cis 1,2-DCE: Cis 1,2-Dichloroethene
 VC: Vinyl Chloride
 bsg: below surface grade
 *: notation for detection above the liner range of calibration

TABLE 2
ANALYTICAL RESULTS OF SOIL SAMPLES
 Swiss Valley Cleaners
 1395 MacArthur Boulevard, San Leandro, California
 (mg/kg)

Sample ID	Depth (feet bsg)	Date	EPA SW 846/8260B					
			Tetrachloroethene (PCE)	Trichloroethene (TCE)	1,1-Dichloroethene (1,1-DCE)	Trans 1,2-Dichloroethene (Trans 1,2-DCE)	Cis 1,2-Dichloroethene (Cis 1,2-DCE)	Vinyl Chloride (VC)
B-1@3'	3	08-19-1998	<0.005	<0.005	<0.005	-	-	<0.005
B-1@5'	5	08-19-1998	<0.005	<0.005	<0.005	-	-	<0.005
B-2@3'	3	08-19-1998	<0.005	<0.005	<0.005	-	-	<0.005
B-2@5'	5	08-19-1998	<0.005	<0.005	<0.005	-	-	<0.005
B-3@3'	3	08-19-1998	<0.005	<0.005	<0.005	-	-	<0.005
B-3@5'	5	08-19-1998	<0.005	<0.005	<0.005	-	-	<0.005
B-4	1.75	04-06-2005	0.0057	<0.0049	<0.0049	<0.0049	<0.0049	<0.0098
B-5	1.83	04-06-2005	0.0074	<0.0047	<0.0047	<0.0047	<0.0047	<0.0094
B-6	1.67	04-06-2005	0.022	<0.0046	<0.0046	<0.0046	<0.0046	<0.0093
B-7	2	07-08-2008	<0.005	<0.0047	<0.0047	<0.0047	<0.0047	<0.0094
B-8	2	07-08-2008	0.060	<0.0047	<0.0047	<0.0047	<0.0047	<0.0094
B9-5	5	05-07-2013	0.028	<0.005	<0.005	<0.005	<0.005	<0.005
B9-10	10	05-07-2013	0.012	<0.005	<0.005	<0.005	<0.005	<0.005
B9-15	15	05-07-2013	0.022	<0.005	<0.005	<0.005	<0.005	<0.005
B10-5	5	05-07-2013	0.010	<0.005	<0.005	<0.005	<0.005	<0.005
B10-10	10	05-07-2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B10-15	15	05-07-2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B11-5	5	10-22-2013	0.009	<0.005	<0.005	<0.005	<0.005	<0.005
B11-10	10	10-22-2013	0.011	<0.005	<0.005	<0.005	<0.005	<0.005
B11-15	15	10-22-2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B12-5	5	10-22-2013	0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B12-10	10	10-22-2013	0.011	<0.005	<0.005	<0.005	<0.005	<0.005
B12-15	15	10-22-2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B13-5	5	10-22-2013	0.008	<0.005	<0.005	<0.005	<0.005	<0.005
B13-10	10	10-22-2013	0.006	<0.005	<0.005	<0.005	<0.005	<0.005

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 (mg/kg)

Sample ID	Depth (feet bsg)	Date	EPA SW 846/8260B					
			Tetrachloroethene (PCE)	Trichloroethene (TCE)	1,1-Dichloroethene (1,1-DCE)	Trans 1,2-Dichloroethene (Trans 1,2-DCE)	Cis 1,2-Dichloroethene (Cis 1,2-DCE)	Vinyl Chloride (VC)
B13-15	15	10-22-2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B14-5	5	10-22-2013	0.015	<0.005	<0.005	<0.005	<0.005	<0.005
B14-10	10	10-22-2013	0.008	<0.005	<0.005	<0.005	<0.005	<0.005
B14-15	15	10-22-2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B15-5	5	10-22-2013	0.030	<0.005	<0.005	<0.005	<0.005	<0.005
B15-10	10	10-22-2013	0.018	<0.005	<0.005	<0.005	<0.005	<0.005
B15-15	15	10-22-2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B16-5	5	10-23-2013	0.020	<0.005	<0.005	<0.005	<0.005	<0.005
B16-10	10	10-23-2013	0.010	<0.005	<0.005	<0.005	<0.005	<0.005
B16-15	15	10-23-2013	0.006	<0.005	<0.005	<0.005	<0.005	<0.005
B17-5	5	10-23-2013	0.018	<0.005	<0.005	<0.005	<0.005	<0.005
B17-10	10	10-23-2013	0.010	<0.005	<0.005	<0.005	<0.005	<0.005
B17-15	15	10-23-2013	0.011	<0.005	<0.005	<0.005	<0.005	<0.005
B18-5	5	10-23-2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B18-10	10	10-23-2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B19-5	5	10-23-2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

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Swiss Valley Cleaners
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(mg/kg)

Sample ID	Depth (feet bsg)	Date	EPA SW 846/8260B					
			Tetrachloroethene (PCE)	Trichloroethene (TCE)	1,1-Dichloroethene (1,1-DCE)	Trans 1,2-Dichloroethene (Trans 1,2-DCE)	Cis 1,2-Dichloroethene (Cis 1,2-DCE)	Vinyl Chloride (VC)
B19-10	10	10-23-2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B20-5	5	10-23-2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B20-10	10	10-23-2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B21-5	5	10-24-2013	0.010	<0.005	<0.005	<0.005	<0.005	<0.005
B21-10	10	10-24-2013	0.009	<0.005	<0.005	<0.005	<0.005	<0.005
B23-0.5-1.0	0.5-1.0	04-28-2014	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B23-1.5-2.0	1.5-2.0	04-28-2014	0.026	<0.005	<0.005	<0.005	<0.005	<0.005
B23-2.5-3.0	2.5-3.0	04-28-2014	0.12	<0.005	<0.005	<0.005	<0.005	<0.005
B23-3.5-4.0	3.5-4.0	04-28-2014	0.040	<0.005	<0.005	<0.005	<0.005	<0.005
B23-4.5-5.0	4.5-5.0	04-28-2014	0.030	<0.005	<0.005	<0.005	<0.005	<0.005
B24-0.5-1.0	0.5-1.0	04-28-2014	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B24-1.5-2.0	1.5-2.0	04-28-2004	0.032	<0.005	<0.005	<0.005	<0.005	<0.005
B24-4.5-5.0	4.5-5.0	04-28-2014	0.017	<0.005	<0.005	<0.005	<0.005	<0.005
B25-0.5-1.0	0.5-1.0	04-28-2014	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B25-1.5-2.0	1.5-2.0	04-28-2014	0.048	<0.005	<0.005	<0.005	<0.005	<0.005
B25-2.5-3.0	2.5-3.0	04-28-2014	0.061	<0.005	<0.005	<0.005	<0.005	<0.005
B25-4.5-5.0	4.5-5.0	04-28-2014	0.023	<0.005	<0.005	<0.005	<0.005	<0.005
B26-0.5-1.0	0.5-1.0	04-28-2014	0.0056	<0.005	<0.005	<0.005	<0.005	<0.005
B26-1.5-2.0	1.5-2.0	04-29-2014	0.0063	<0.005	<0.005	<0.005	<0.005	<0.005
B26-3.0-3.5	3.0-3.5	04-29-2014	0.043	<0.005	<0.005	<0.005	<0.005	<0.005
B26-4.5-5.0	4.5-5.0	04-29-2014	0.018	<0.005	<0.005	<0.005	<0.005	<0.005
B27-0.5-1.0	0.5-1.0	04-29-2014	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B27-1.5-2.0	1.5-3.0	04-29-2014	0.010	<0.005	<0.005	<0.005	<0.005	<0.005
B27-2.5-3.0	2.5-3.0	04-29-2014	0.045	<0.005	<0.005	<0.005	<0.005	<0.005

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1395 MacArthur Boulevard, San Leandro, California
(mg/kg)

Sample ID	Depth (feet bsg)	Date	EPA SW 846/8260B					
			Tetrachloroethene (PCE)	Trichloroethene (TCE)	1,1-Dichloroethene (1,1-DCE)	Trans 1,2-Dichloroethene (Trans 1,2-DCE)	Cis 1,2-Dichloroethene (Cis 1,2-DCE)	Vinyl Chloride (VC)
B27-4.5-5.0	4.5-5.0	04-29-2014	0.043	<0.005	<0.005	<0.005	<0.005	<0.005
B28-0.5-1.0	1.5-3.0	04-29-2014	0.0053	<0.005	<0.005	<0.005	<0.005	<0.005
B28-2.5-3.0	2.5-3.0	04-29-2014	0.037	<0.005	<0.005	<0.005	<0.005	<0.005
B28-4.5-5.0	4.5-5.0	04-29-2014	0.021	<0.005	<0.005	<0.005	<0.005	<0.005
B29-1.5-2.0	1.5-3.0	04-29-2014	0.015	<0.005	<0.005	<0.005	<0.005	<0.005
B29-2.5-3.0	2.5-3.0	04-29-2014	0.033	<0.005	<0.005	<0.005	<0.005	<0.005
B29-4.5-5.0	4.5-5.0	04-29-2014	0.019	<0.005	<0.005	<0.005	<0.005	<0.005
B30-1.5-2.0	1.5-3.0	04-30-2014	0.019	<0.005	<0.005	<0.005	<0.005	<0.005
B30-2.5-3.0	2.5-3.0	04-30-2014	0.024	<0.005	<0.005	<0.005	<0.005	<0.005
B30-4.5-5.0	4.5-5.0	04-30-2014	0.051	<0.005	<0.005	<0.005	<0.005	<0.005
B31-1.5-2.0	1.5-2.0	04-30-2014	0.018	<0.005	<0.005	<0.005	<0.005	<0.005
B31-2.5-3.0	2.5-3.0	04-30-2014	0.025	<0.005	<0.005	<0.005	<0.005	<0.005
B32-1.5-2.0	1.5-3.0	04-30-2014	0.0069	<0.005	<0.005	<0.005	<0.005	<0.005
B32-2.5-3.0	2.5-3.0	04-30-2014	0.011	<0.005	<0.005	<0.005	<0.005	<0.005
B32-4.5-5.0	4.5-5.0	04-30-2014	0.018	<0.005	<0.005	<0.005	<0.005	<0.005
B33-1.5-2.0	1.5-3.0	04-30-2014	0.012	<0.005	<0.005	<0.005	<0.005	<0.005
B33-2.5-3.0	2.5-3.0	04-30-2014	0.037	<0.005	<0.005	<0.005	<0.005	<0.005
B33-4.5-5.0	4.5-5.0	04-30-2014	0.029	<0.005	<0.005	<0.005	<0.005	<0.005
B34-1.5-2.0	1.5-3.0	05-01-2014	0.028	<0.005	<0.005	<0.005	<0.005	<0.005
B34-2.5-3.0	2.5-3.0	05-01-2014	0.020	<0.005	<0.005	<0.005	<0.005	<0.005
B34-4.5-5.0	4.5-5.0	05-01-2014	0.016	<0.005	<0.005	<0.005	<0.005	<0.005
B35-1.5-2.0	1.5-3.0	05-01-2014	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B35-2.5-3.0	2.5-3.0	05-01-2014	0.092	<0.005	<0.005	<0.005	<0.005	<0.005
B35-4.5-5.0	4.5-5.0	05-01-2014	0.058	<0.005	<0.005	<0.005	<0.005	<0.005

TABLE 2
ANALYTICAL RESULTS OF SOIL SAMPLES
Swiss Valley Cleaners
1395 MacArthur Boulevard, San Leandro, California
(mg/kg)

Sample ID	Depth (feet bsg)	Date	EPA SW 846/8260B					
			Tetrachloroethene (PCE)	Trichloroethene (TCE)	1,1-Dichloroethene (1,1-DCE)	Trans 1,2-Dichloroethene (Trans 1,2-DCE)	Cis 1,2-Dichloroethene (Cis 1,2-DCE)	Vinyl Chloride (VC)
B36-1.5-2.0	1.5-3.0	05-01-2014	0.11	<0.005	<0.005	<0.005	<0.005	<0.005
B36-2.5-3.0	2.5-3.0	05-01-2014	0.015	<0.005	<0.005	<0.005	<0.005	<0.005
B36-4.5-5.0	4.5-5.0	05-01-2014	0.012	<0.005	<0.005	<0.005	<0.005	<0.005
B37-1.5-2.0	1.5-3.0	05-01-2014	0.018	<0.005	<0.005	<0.005	<0.005	<0.005
B37-2.5-3.0	2.5-3.0	05-01-2014	0.038	<0.005	<0.005	<0.005	<0.005	<0.005
B37-4.5-5.0	4.5-5.0	05-01-2014	0.016	<0.005	<0.005	<0.005	<0.005	<0.005
B38-1.0-1.5	1.0-1.5	05-02-2014	0.023	<0.005	<0.005	<0.005	<0.005	<0.005
B38-1.5-2.0	1.5-2.0	05-02-2014	0.023	<0.005	<0.005	<0.005	<0.005	<0.005
B38-2.5-3.0	2.5-3.0	05-02-2014	0.014	<0.005	<0.005	<0.005	<0.005	<0.005
B38-4.5-5.0	4.5-5.0	05-02-2014	0.0061	<0.005	<0.005	<0.005	<0.005	<0.005
B39-1.5-2.0	1.5-3.0	05-02-2014	0.016	<0.005	<0.005	<0.005	<0.005	<0.005
B39-2.5-3.0	2.5-3.0	05-02-2014	0.021	<0.005	<0.005	<0.005	<0.005	<0.005
B39-4.5-5.0	4.5-5.0	05-02-2014	0.034	<0.005	<0.005	<0.005	<0.005	<0.005
B40-1.5-2.0	1.5-3.0	05-02-2014	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B40-2.5-3.0	2.5-3.0	05-02-2014	0.010	<0.005	<0.005	<0.005	<0.005	<0.005
B40-4.5-5.0	4.5-5.0	05-02-2014	0.029	<0.005	<0.005	<0.005	<0.005	<0.005
B41-1.5-2.0	1.5-2.0	05-05-2014	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B41-4.5-5.0	4.5-5.0	05-05-2014	0.0076	<0.005	<0.005	<0.005	<0.005	<0.005
B42-1.5-2.0	1.5-3.0	05-05-2014	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B42-2.5-3.0	2.5-3.0	05-05-2014	0.010	<0.005	<0.005	<0.005	<0.005	<0.005
B42-4.5-5.0	4.5-5.0	05-05-2014	0.022	<0.005	<0.005	<0.005	<0.005	<0.005
B43-1.5-2.0	1.5-2.0	05-06-2014	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B43-2.5-3.0	2.5-3.0	05-06-2014	0.022	<0.005	<0.005	<0.005	<0.005	<0.005
B43-4.5-5.0	4.5-5.0	05-06-2014	0.015	<0.005	<0.005	<0.005	<0.005	<0.005

TABLE 2
ANALYTICAL RESULTS OF SOIL SAMPLES
 Swiss Valley Cleaners
 1395 MacArthur Boulevard, San Leandro, California
 (mg/kg)

Sample ID	Depth (feet bsg)	Date	EPA SW 846/8260B					
			Tetrachloroethene (PCE)	Trichloroethene (TCE)	1,1-Dichloroethene (1,1-DCE)	Trans 1,2-Dichloroethene (Trans 1,2-DCE)	Cis 1,2-Dichloroethene (Cis 1,2-DCE)	Vinyl Chloride (VC)
B44-1.5-2.0	1.5-3.0	05-07-2014	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B44-2.5-3.0	2.5-3.0	05-07-2014	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B44-4.5-5.0	4.5-5.0	05-07-2014	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B45-1.5-2.0	1.5-3.0	05-07-2014	0.0052	<0.005	<0.005	<0.005	<0.005	<0.005
B45-2.5-3.0	2.5-3.0	05-07-2014	0.0052	<0.005	<0.005	<0.005	<0.005	<0.005
B45-4.5-5.0	4.5-5.0	05-07-2014	0.0068	<0.005	<0.005	<0.005	<0.005	<0.005
B46-1.5-2.0	1.5-2.0	02-09-2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B46-2.5-3.0	2.5-3.0	02-09-2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B47-1.5-2.0	1.5-2.0	02-10-2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B47-2.5-3.0	2.5-3.0	02-10-2015	0.0060	<0.005	<0.005	<0.005	<0.005	<0.005
B48-1.5-2.0	1.5-2.0	02-10-2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B48-2.5-3.0	2.5-3.0	02-10-2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B49-1.5-2.0	1.5-2.0	02-10-2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B49-2.5-3.0	2.5-3.0	02-10-2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B50-1.5-2.0	1.5-2.0	02-10-2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B50-2.5-3.0	2.5-3.0	02-10-2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B51-4.5-5.0	4.5-5.0	02-26-2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B51-9.5-10	9.5-10	02-26-2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B52-4.5-5.0	4.5-5.0	02-26-2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B52-9.5-10	9.5-10	02-26-2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B53-4.5-5.0	4.5-5.0	02-26-2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B53-6.5-7.0	6.5-7.0	02-26-2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B53-9.5-10	9.5-10	02-26-2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B54-0.5-1.0	0.5-1.0	02-26-2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

TABLE 2
ANALYTICAL RESULTS OF SOIL SAMPLES
 Swiss Valley Cleaners
 1395 MacArthur Boulevard, San Leandro, California
 (mg/kg)

Sample ID	Depth (feet bsg)	Date	EPA SW 846/8260B					
			Tetrachloroethene (PCE)	Trichloroethene (TCE)	1,1-Dichloroethene (1,1-DCE)	Trans 1,2-Dichloroethene (Trans 1,2-DCE)	Cis 1,2-Dichloroethene (Cis 1,2-DCE)	Vinyl Chloride (VC)
B54-1.5-2.0	1.5-2.0	02-26-2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B54-3.5-4.0	3.5-4.0	02-26-2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B54-4.5-5.0	4.5-5.0	02-26-2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B54-9.5-10	9.5-10	02-26-2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B55-0.5-1.0	0.5-1.0	02-26-2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B55-2.5-3.0	2.5-3.0	02-26-2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B55-4.5-5.0	4.5-5.0	02-26-2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B55-9.5-10	9.5-10	02-26-2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B56-4.5-5.0	4.5-5.0	02-27-2015	0.040	<0.005	<0.005	<0.005	<0.005	<0.005
B56-6.5-7.0	6.5-7.0	02-27-2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B56-8.5-9.0	8.5-9.0	02-27-2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B56-9.5-10	9.5-10	02-27-2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B57-0.5-1.0	0.5-1.0	02-27-2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B57-4.5-5.0	4.5-5.0	02-27-2015	0.014	<0.005	<0.005	<0.005	<0.005	<0.005
B58-4.5-5.0	4.5-5.0	02-27-2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B58-6.5-7.0	6.5-7.0	02-27-2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B58-9.5-10	9.5-10	02-27-2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B59-1.5-2.0	1.5-2.0	02-27-2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B59-4.5-5.0	4.5-5.0	02-27-2015	0.050	<0.005	<0.005	<0.005	<0.005	<0.005
B59-9.5-10	9.5-10	02-27-2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B60-4.5-5.0	4.5-5.0	03-10-2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B60-9.5-10	9.5-10	03-10-2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B61-1.5-2.0	1.5-2.0	03-10-2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B61-4.5-5.0	4.5-5.0	03-10-2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

TABLE 2
ANALYTICAL RESULTS OF SOIL SAMPLES
 Swiss Valley Cleaners
 1395 MacArthur Boulevard, San Leandro, California
 (mg/kg)

Sample ID	Depth (feet bsg)	Date	EPA SW 846/8260B					
			Tetrachloroethene (PCE)	Trichloroethene (TCE)	1,1- Dichloroethene (1,1-DCE)	Trans 1,2- Dichloroethene (Trans 1,2-DCE)	Cis 1,2- Dichloroethene (Cis 1,2-DCE)	Vinyl Chloride (VC)
B61-9.5-10	9.5-10	03-10-2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B62-2.5-3.0	2.5-3.0	03-10-2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B62-4.5-5.0	4.5-5.0	03-10-2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B62-9.5-10	9.5-10	03-10-2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B63-1.5-2.0	1.5-2.0	03-10-2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B63-4.5-5.0	4.5-5.0	03-10-2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
B63-9.5-10	9.5-10	03-10-2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

Notes:

mg/kg: milligrams per kilogram

bsg: below surface grade

<: Indicates constituents were not detected at a concentration greater than the reporting limit shown.

TABLE XX
INDOOR AIR ANALYTICAL RESULTS
SWISS VALLEY CLEANERS
 1395 MacArthur Boulevard,
 San Leandro, California
 (micrograms per cubic meter)

Sample ID	Date	TO-15																
		PCE	TCE	1,2-DCA	EDB	Naphthalene	1,4-DCB	Acetone	CT	B	T	E	X	Chloromethane	DCDFM	Ethyl Acetate	TCFM	Chloroform
IA-1395 MacArthur	04-10-2014	12	0.038	0.085	<0.0078	0.34	0.099	46	0.41	0.52	1.4	<0.44	1.2	0.60	2.0	2.7	1.4	0.19
	05-08-2014	14	0.11	0.19	<0.0078	0.17	0.063	75	0.44	0.27	0.74	<0.44	<1.3	0.67	2.0	8.8	1.1	0.22
	03-23-2015	16	0.029	0.095	<0.0078	0.17	0.074	110	0.46	0.50	2.3	<0.44	<1.3	0.62	2.4	14	1.3	0.62
IA-1383 MacArthur	04-10-2014	11	0.057	0.43	0.011	0.26	0.096	3,600	0.38	0.65	11	0.49	2.0	<0.21	<0.50	260	<0.57	0.51
	05-08-2014	17	0.055	1.1	<0.0078	0.36	0.12	5,200	0.45	0.69	21	<0.44	1.5	<0.21	<0.50	1600	<0.57	0.49
	03-23-2015	19	0.064	0.37	<0.0078	0.36	0.33	8,600	0.56	0.64	15	0.53	2.0	<0.21	0.89	580	0.84	5.3
IA-1377 MacArthur	04-10-2014	2.1	0.027	0.76	<0.0078	0.22	0.10	110	0.39	0.54	2.8	0.69	3.0	0.54	1.8	7.4	0.78	0.18
	05-08-2014	5.1	0.033	1.1	<0.0078	0.38	0.37	38	0.45	0.37	6.9	1.1	4.4	0.67	2.1	4.9	1.0	0.20

TABLE XX
INDOOR AIR ANALYTICAL RESULTS
SWISS VALLEY CLEANERS
 1395 MacArthur Boulevard,
 San Leandro, California
 (micrograms per cubic meter)

Sample ID	Date	TO-15																
		PCE	TCE	1,2-DCA	EDB	Naphthalene	1,4-DCB	Acetone	CT	B	T	E	X	Chloromethane	DCDFM	Ethyl Acetate	TCFM	Chloroform
IA-1369 MacArthur	05-08-2014	0.045	0.020	2.2	<0.0078	0.26	0.17	18	0.47	0.60	2.1	<0.44	<1.3	0.68	2.0	2.2	1.3	0.25
Outside 1395 MacArthur	05-08-2014	0.042	0.014	0.067	<0.0078	0.12	0.023	13	0.47	0.20	0.41	<0.44	<1.3	0.64	2.0	2.1	1.1	0.24
SFBRWCB ESL (Commercial)		2.1	3.0	0.58	0.17	0.36	1.1	140,000	0.29	0.42	1,300	4.9	440	390	-	-	-	2.3

Notes:

SFBRWCB ESL: San Francisco Bay Regional Water Quality Control Board Environmental Screening Level for indoor Air.

<: Indicates constituents were not detected at a concentration greater than the reporting limit shown.

PCE: Tetrachloroethene

TCE: Trichloroethene

1,2-DCA: 1,2-Dichloroethane

EDB: 1,2-Dibromoethane

1,4-DCB: 1,4-dichlorobenzene

VC: Vinyl Chloride

CT: Carbon Tetrachloride

DCDFM: Dichlorodifluoromethane

TCFM: Trichlorofluoromethane

IPA: Isopropyl Alcohol

B: Benzene; T: Toluene; E: Ethyl-benzene; X: Total Xylenes

*Concentrations denoted with orange fill are above ambient and indoor air screening levels for a commercial setting.

TABLE XX
SUB-SLAB VAPOR ANALYTICAL RESULTS
 Swiss Valley Cleaners
 1395 MacArthur Boulevard, San Leandro, California
 (micrograms per cubic meter)

Sample ID	Location	Date	TO-15																				
			Dry Cleaning Constituents						Chemicals from other sources														
			PCE	TCE	1,1-DCE	Trans 1,2-DCE	Cis 1,2-DCE	VC	IPA	1,2-DCA	B	T	E	X	1,2-DCP	Ethanol	4-ET	1,2,4-TMB	Ethyl Acetate	Naphthalene	1,3,5-TMB	Acetone	2-Butanone
SS-1	1369 MacArthur Boulevard	03-23-2015	5,700	3.3	<2.0	<2.0	<2.0	<1.3	<50	<2.0	42	58	39	190	<2.4	<96	53	98	<1.8	<5.3	64	<60	<75
SS-2	1383 MacArthur Boulevard	03-23-2015	5,400	<2.8	<2.0	<2.0	<2.0	<1.3	<50	<2.0	8.6	2.2	<2.2	<6.6	<2.4	<96	<2.5	<3.8	4.7	<5.3	2.7	<60	<75
SS-3	1395 MacArthur Boulevard (Front of Suite)	03-23-2015	8,300	19	<2.0	<2.0	<2.0	<1.3	<50	<2.0	13	5.1	3.9	24	<2.4	<96	6.2	29	<1.8	<5.3	6.8	<60	<75
SS-4	1395 MacArthur Boulevard (Rear of Suite)	03-23-2015	7,600	5.6	<2.0	<2.0	<2.0	<1.3	<50	2.2	17	14	9.4	44	<2.4	<96	9.6	29	<1.8	<5.3	5.7	<60	<75
CHHSLs (Commercial)			1,600	1,300	-	240,000	120,000	95.0	-	360	280	890,000	3,600	6,700,000	-	-	-	-	-	310	-	-	-
SFBRWCB ESL (Commercial)			2,100	3,000	880,000	2,600,000	-	160	-	580	420	1,300,000	4,900	440,000	1,200	-	-	-	-	360	-	140,000,000	22,000,000

Notes:

SFBRWCB ESL: San Francisco Bay Regional Water Quality Control Board Environmental Screening Level for shallow soil gas

<: Indicates constituents were not detected at a concentration greater than the reporting limit shown.

CHHSLs: California Human Health Screening Levels (Soil Gas Screening for VOC's below buildings constructed with engineered fill below sub-slab gravel)

PCE: Tetrachloroethene

TCE: Trichloroethene

1,1-DCE: 1,1-Dichloroethene

Trans 1,2-DCE: Trans 1,2-Dichloroethene

Cis 1,2-DCE: Cis 1,2-Dichloroethene

VC: Vinyl Chloride

IPA: Isopropyl Alcohol

B: Benzene; T: Toluene; E: Ethyl-benzene; X: Total Xylenes

1,2-DCA: 1,2-Dichloroethane

1,2-DCP: 1,2-Dichloropropane

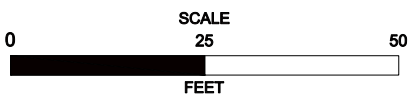
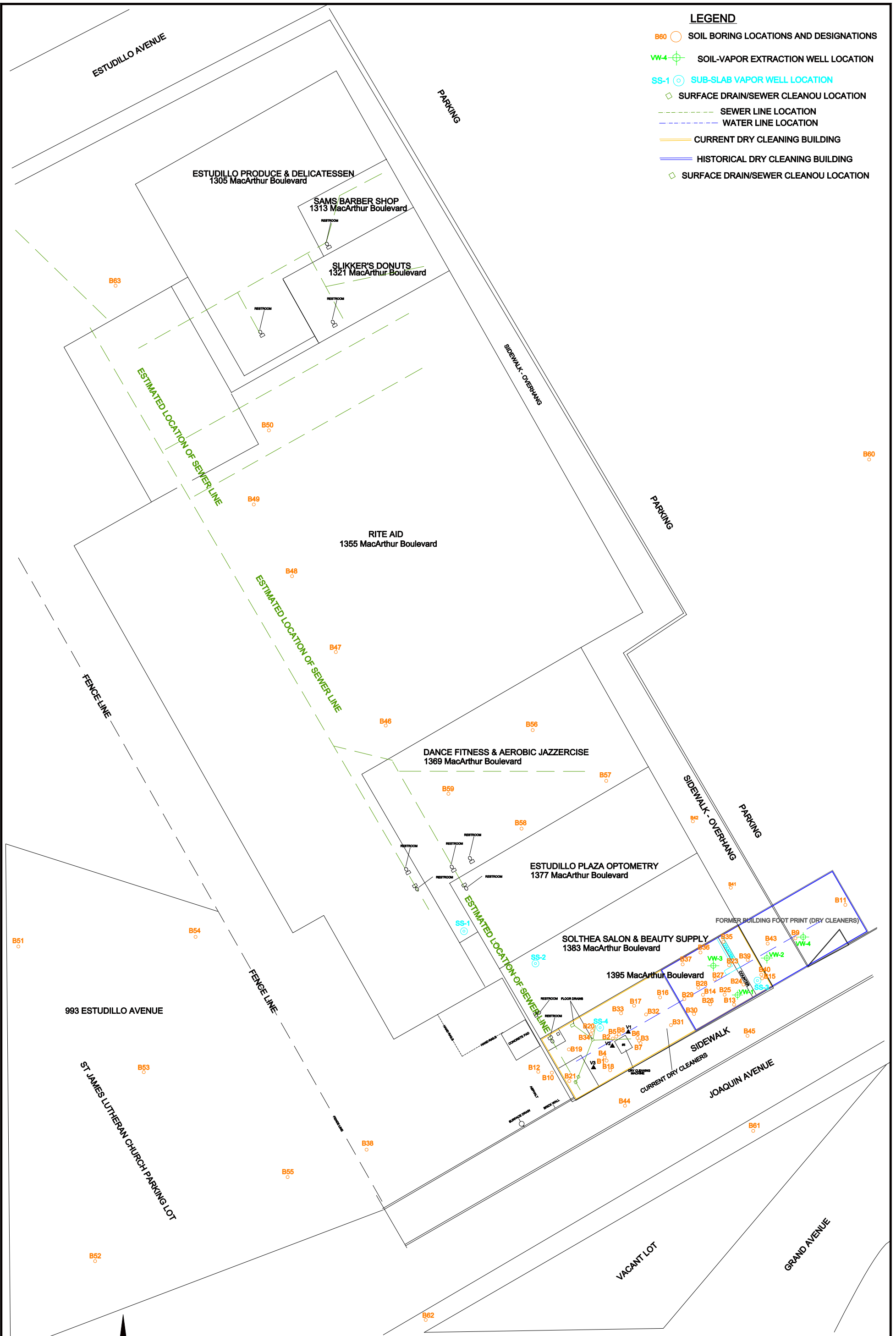
4-ET: 4-Ethyltoluene

1,2,4-TMB: 1,2,4-Trimethylbenzene

1,3,5-TMB: 1,3,5-Trimethylbenzene

LEGEND

- B60 ○ SOIL BORING LOCATIONS AND DESIGNATIONS
- VW-4 ⊕ SOIL-VAPOR EXTRACTION WELL LOCATION
- SS-1 ⊕ SUB-SLAB VAPOR WELL LOCATION
- ◇ SURFACE DRAIN/SEWER CLEANOUT LOCATION
- SEWER LINE LOCATION
- WATER LINE LOCATION
- CURRENT DRY CLEANING BUILDING
- HISTORICAL DRY CLEANING BUILDING
- ◇ SURFACE DRAIN/SEWER CLEANOUT LOCATION



REGIONAL SITE PLAN - SOIL BORING LOCATIONS
SWISS VALLEY CLEANERS
1395 MACARUTHER BOULEVARD
SAN LEANDRO, CALIFORNIA

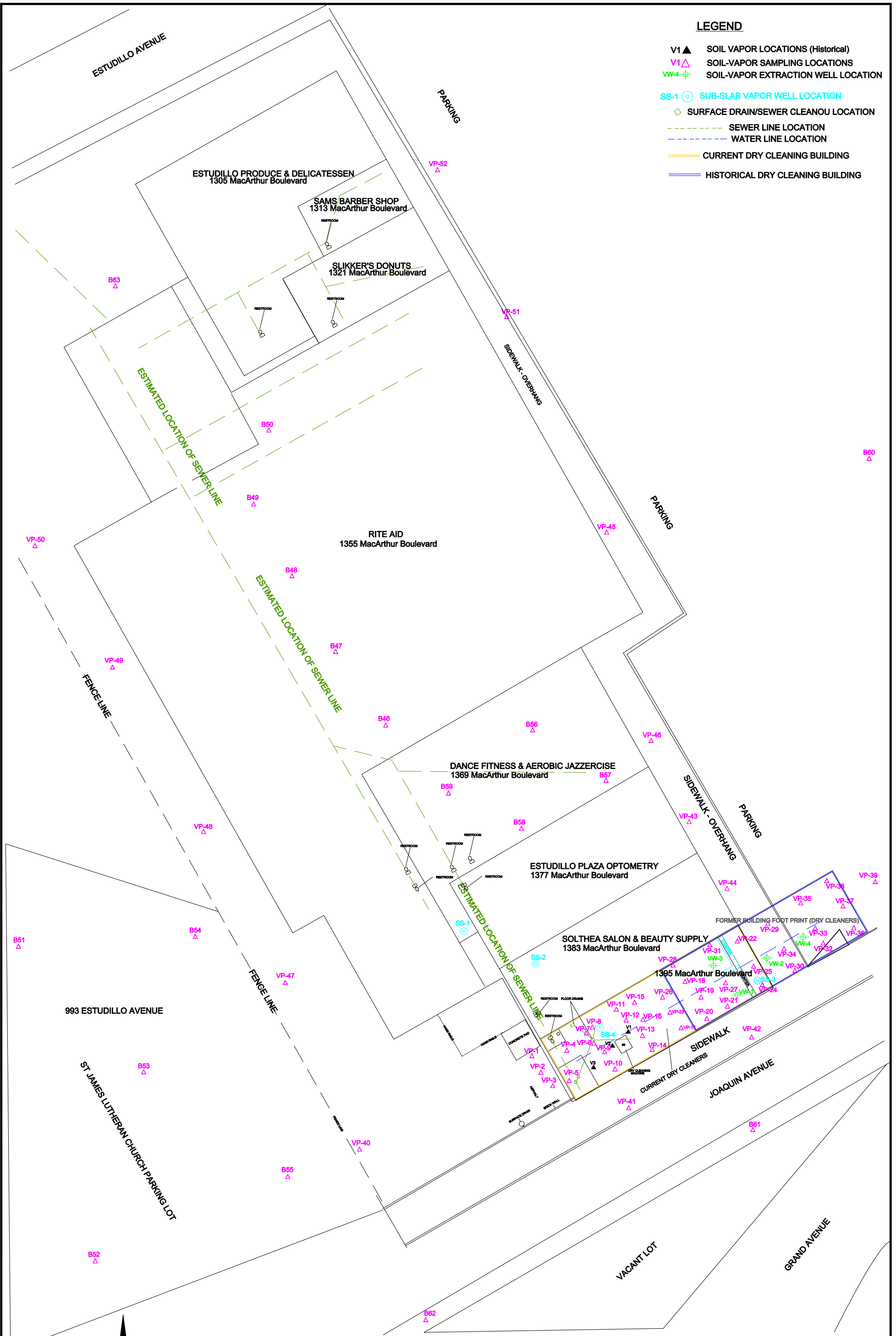


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DATE: MAY 2014	DRAWN BY: MAC	2

LEGEND

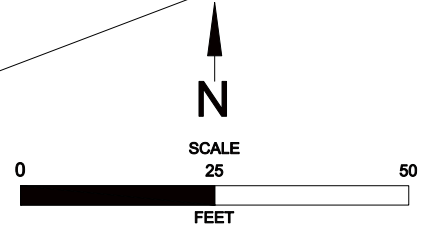
- V1 ▲ SOIL VAPOR LOCATIONS (Historical)
- V1△ SOIL-VAPOR SAMPLING LOCATIONS
- WW-4 ⊕ SOIL-VAPOR EXTRACTION WELL LOCATION
- SS-1 ⊙ SUB-SLAB VAPOR WELL LOCATION
- ◇ SURFACE DRAIN/SEWER CLEANOUT LOCATION
- - - SEWER LINE LOCATION
- - - WATER LINE LOCATION
- CURRENT DRY CLEANING BUILDING
- HISTORICAL DRY CLEANING BUILDING



REGIONAL SITE PLAN - VAPOR SAMPLING LOCATIONS
SWISS VALLEY CLEANERS
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SAN LEANDRO, CALIFORNIA

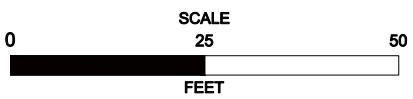
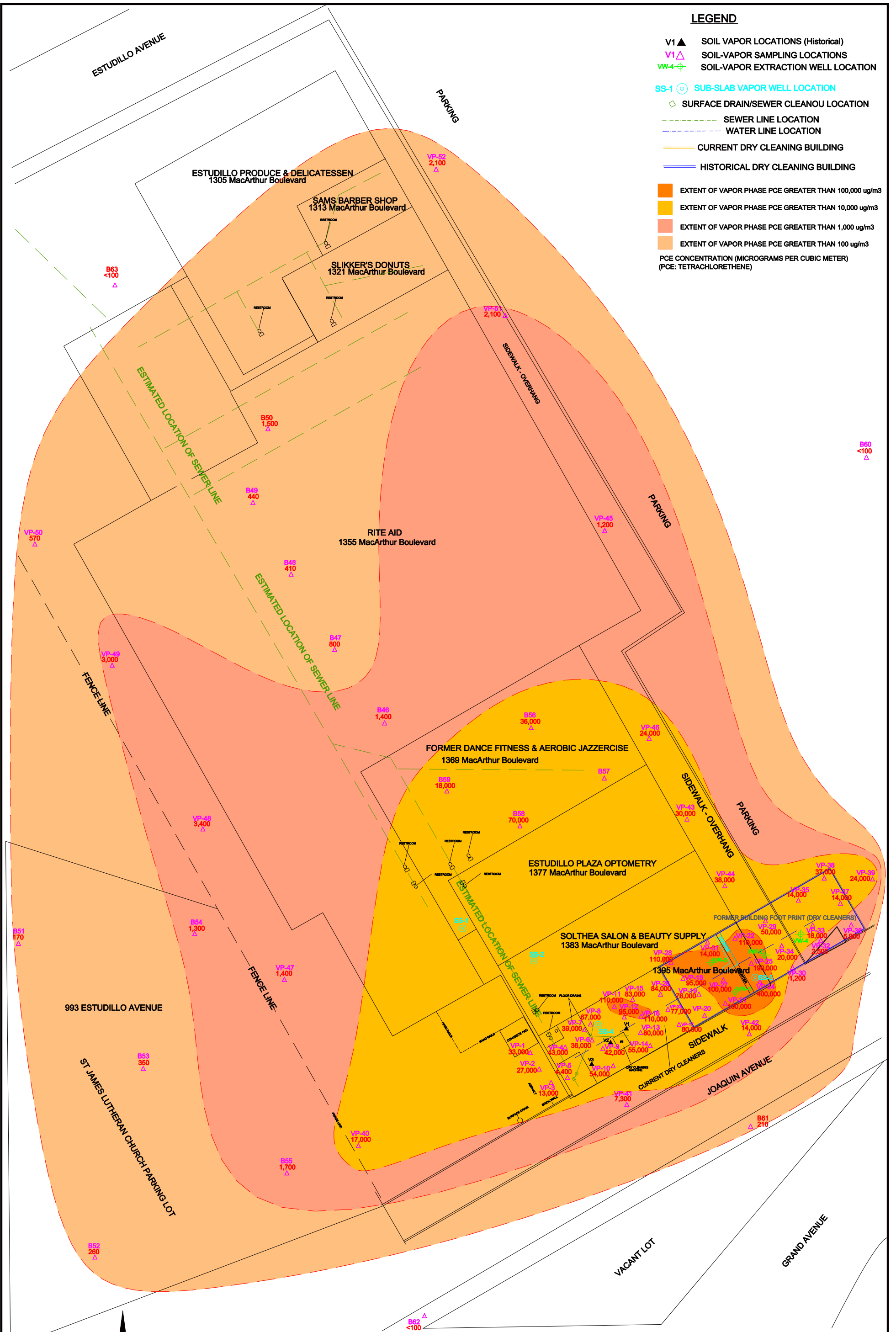
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PROJECT NO. AGE-NC-SC	FILE: FILE	FIGURE:
DATE: MAY 2014	DRAWN BY: MAC	3



LEGEND

- V1 ▲ SOIL VAPOR LOCATIONS (Historical)
 - V1 ▲ SOIL-VAPOR SAMPLING LOCATIONS
 - VW-4 ⊕ SOIL-VAPOR EXTRACTION WELL LOCATION
 - SS-1 ⊕ SUB-SLAB VAPOR WELL LOCATION
 - ◇ SURFACE DRAIN/SEWER CLEANOUT LOCATION
 - - - SEWER LINE LOCATION
 - - - WATER LINE LOCATION
 - CURRENT DRY CLEANING BUILDING
 - HISTORICAL DRY CLEANING BUILDING
 - EXTENT OF VAPOR PHASE PCE GREATER THAN 100,000 ug/m3
 - EXTENT OF VAPOR PHASE PCE GREATER THAN 10,000 ug/m3
 - EXTENT OF VAPOR PHASE PCE GREATER THAN 1,000 ug/m3
 - EXTENT OF VAPOR PHASE PCE GREATER THAN 100 ug/m3
- PCE CONCENTRATION (MICROGRAMS PER CUBIC METER)
(PCE: TETRACHLOROETHENE)



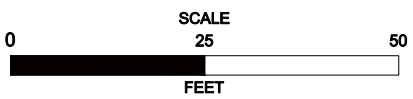
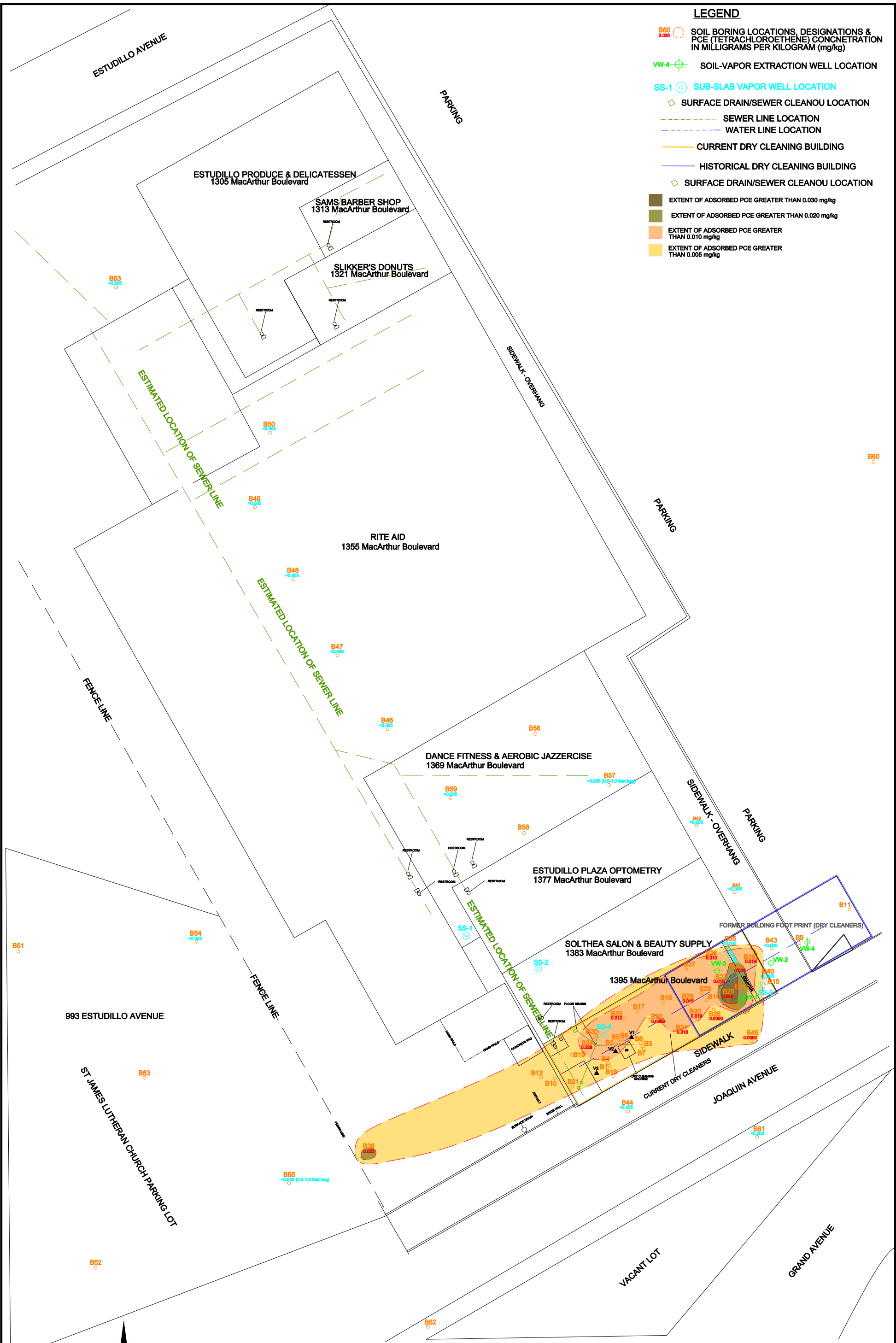
LATERAL EXTENT OF PCE IN SOIL VAPOR - 5 FEET BSG
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DATE: MAY 2014	DRAWN BY: MAC	4

LEGEND

- **B60**
0.026 SOIL BORING LOCATIONS, DESIGNATIONS & PCE (TETRACHLOROETHENE) CONCENTRATION IN MILLIGRAMS PER KILOGRAM (mg/kg)
- ⊕ **VW-4** SOIL-VAPOR EXTRACTION WELL LOCATION
- ⊕ **SS-1** SUB-SLAB VAPOR WELL LOCATION
- ◇ SURFACE DRAIN/SEWER CLEANOUT LOCATION
- SEWER LINE LOCATION
- WATER LINE LOCATION
- CURRENT DRY CLEANING BUILDING
- HISTORICAL DRY CLEANING BUILDING
- ◇ SURFACE DRAIN/SEWER CLEANOUT LOCATION
- EXTENT OF ADSORBED PCE GREATER THAN 0.030 mg/kg
- EXTENT OF ADSORBED PCE GREATER THAN 0.020 mg/kg
- EXTENT OF ADSORBED PCE GREATER THAN 0.010 mg/kg
- EXTENT OF ADSORBED PCE GREATER THAN 0.005 mg/kg



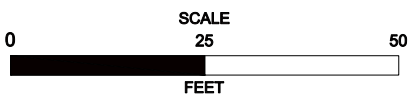
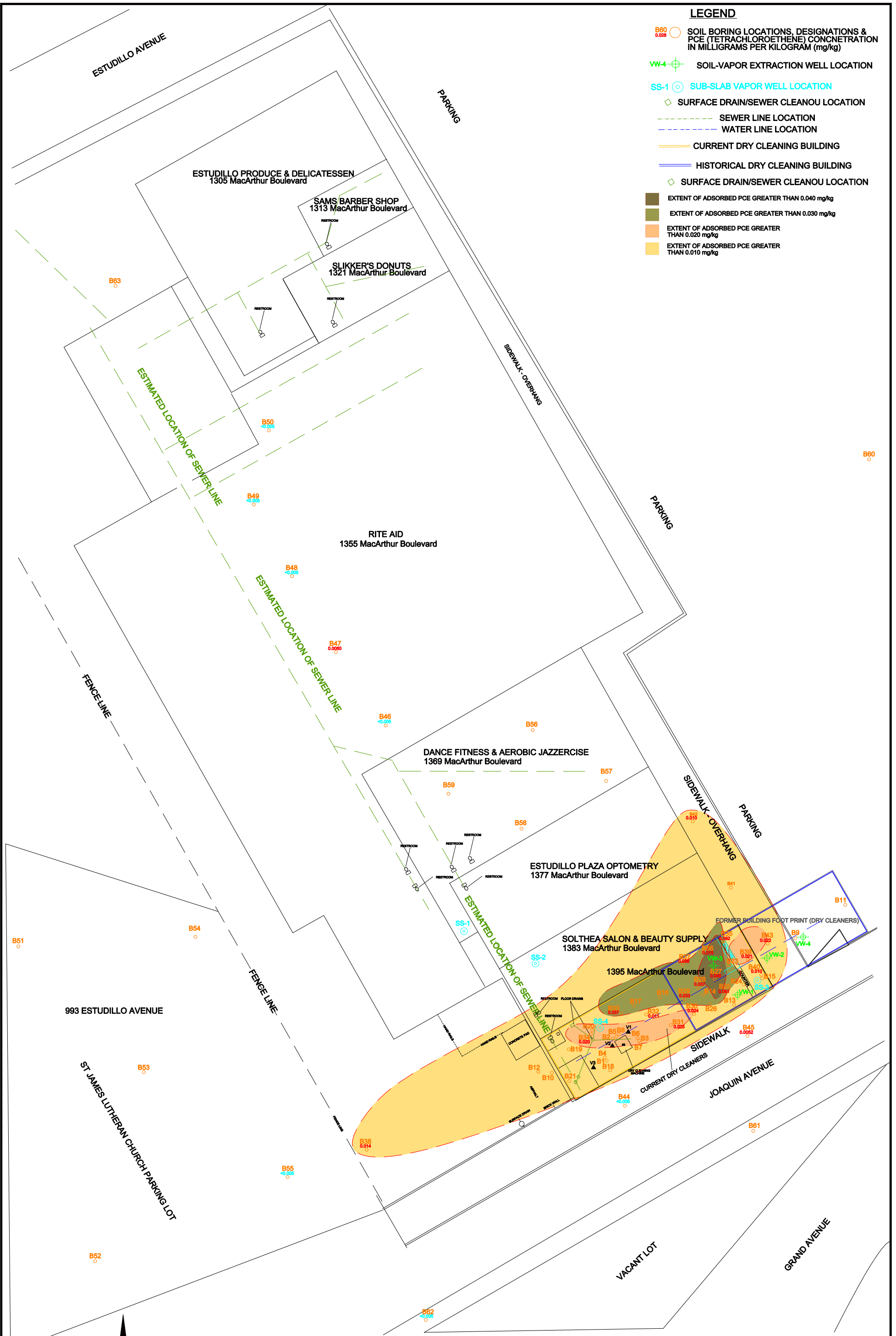
LATERAL EXTENT OF ADSORBED PCE: 1.5-2.0 FEET BSG
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PROJECT NO. AGE-NC-SC	FILE: FILE	FIGURE:
DATE: MARCH 2015	DRAWN BY: MAC	5

LEGEND

- B60 0.026 SOIL BORING LOCATIONS, DESIGNATIONS & PCE (TETRACHLOROETHENE) CONCENTRATION IN MILLIGRAMS PER KILOGRAM (mg/kg)
- ⊕ VW-4 SOIL-VAPOR EXTRACTION WELL LOCATION
- ⊕ SS-1 SUB-SLAB VAPOR WELL LOCATION
- ◇ SURFACE DRAIN/SEWER CLEANOUT LOCATION
- SEWER LINE LOCATION
- WATER LINE LOCATION
- CURRENT DRY CLEANING BUILDING
- HISTORICAL DRY CLEANING BUILDING
- ◇ SURFACE DRAIN/SEWER CLEANOUT LOCATION
- EXTENT OF ADSORBED PCE GREATER THAN 0.040 mg/kg
- EXTENT OF ADSORBED PCE GREATER THAN 0.030 mg/kg
- EXTENT OF ADSORBED PCE GREATER THAN 0.020 mg/kg
- EXTENT OF ADSORBED PCE GREATER THAN 0.010 mg/kg



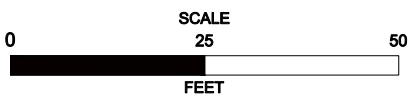
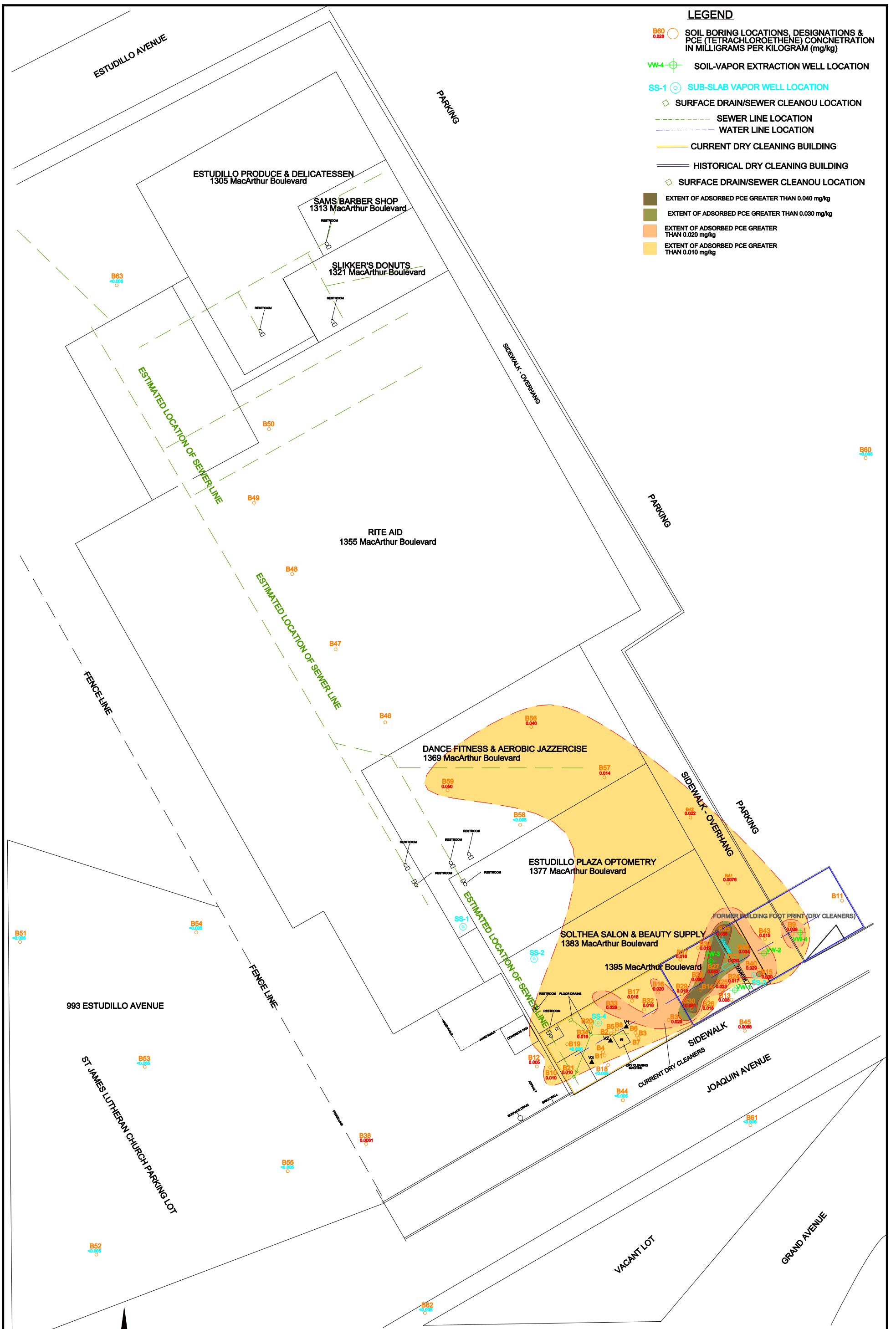
LATERAL EXTENT OF ADSORBED PCE: 2.5-3.0 FEET BSG
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PROJECT NO. AGE-NC-SC	FILE: FILE	FIGURE:
DATE: MARCH 2015	DRAWN BY: MAC	6

LEGEND

- B60 0.026 SOIL BORING LOCATIONS, DESIGNATIONS & PCE (TETRACHLOROETHENE) CONCENTRATION IN MILLIGRAMS PER KILOGRAM (mg/kg)
- ⊕ VW-4 SOIL-VAPOR EXTRACTION WELL LOCATION
- ⊕ SS-1 SUB-SLAB VAPOR WELL LOCATION
- ◇ SURFACE DRAIN/SEWER CLEANOUT LOCATION
- SEWER LINE LOCATION
- WATER LINE LOCATION
- CURRENT DRY CLEANING BUILDING
- HISTORICAL DRY CLEANING BUILDING
- ◇ SURFACE DRAIN/SEWER CLEANOUT LOCATION
- EXTENT OF ADSORBED PCE GREATER THAN 0.040 mg/kg
- EXTENT OF ADSORBED PCE GREATER THAN 0.030 mg/kg
- EXTENT OF ADSORBED PCE GREATER THAN 0.020 mg/kg
- EXTENT OF ADSORBED PCE GREATER THAN 0.010 mg/kg



LATERAL EXTENT OF ADSORBED PCE: 2.5-3.0 FEET BSG
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PROJECT NO. AGE-NC-SC	FILE: FILE	FIGURE:
DATE: MARCH 2015	DRAWN BY: MAC	7

LEGEND

- B60 SOIL BORING LOCATIONS AND DESIGNATIONS
- ⊕ VW-4 SOIL-VAPOR EXTRACTION WELL LOCATION
- ⊕ SS-1 SUB-SLAB VAPOR WELL LOCATION
- ◇ SURFACE DRAIN/SEWER CLEANOUT LOCATION
- SEWER LINE LOCATION
- WATER LINE LOCATION
- CURRENT DRY CLEANING BUILDING
- HISTORICAL DRY CLEANING BUILDING
- ◇ SURFACE DRAIN/SEWER CLEANOUT LOCATION



PROPOSED SOIL VAPOR WELL LOCATIONS
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