Combined Quarterly Groundwater Monitoring Report for July 1 to September 30, 1997

The Sherwin-Williams Facility
Emeryville, California
and
A Portion of The Rifkin Property
4525-4563 Horton Street
Emeryville, California

October 30, 1997
3435.00-004

Prepared for
The Sherwin-Williams Company
1450 Sherwin Avenue
Emeryville, California

Levine·Fricke·Recon
ENGINEERS, HYDROGEOLOGISTS & APPLIED SCIENTISTS

October 30, 1997

3435.00-004

Mr. Mark Johnson
Regional Water Quality Control Board
2101 Webster Street, Suite 500
Oakland, California 94612

Subject: Combined Quarterly Groundwater Monitoring Report, July 1 to September 30, 1997; The Sherwin-Williams Plant, Emeryville, California and A Portion of the Rifkin Property, 4525-4563 Horton Street, Emeryville, California

Dear Mr. Johnson:

The enclosed report presents the results of the quarterly groundwater monitoring program conducted in August and September 1997 for the Sherwin-Williams plant in Emeryville, California and Portions of the Rifkin Property ("the Site"). The quarterly monitoring that has historically been presented separately will be compiled from this point on in compliance with the order anticipated to be adopted by the end of 1997. This is the sixth groundwater monitoring event following completion of interim remedial measures and recent installation of additional site monitoring wells at The Sherwin-Williams Plant site.

The quarterly monitoring programs included measuring groundwater elevations and collecting and analyzing groundwater samples. The samples collected at Sherwin-Willams Plant site were analyzed for volatile organic compounds using EPA Method 8240, total petroleum hydrocarbon compounds as diesel (TPHd) using EPA Method 3510, total petroleum hydrocarbon compounds as gasoline using EPA Method 5030, and arsenic using EPA Method 7060. The samples collected at A Portion of the Rifkin Property were analyzed for dissolved arsenic using EPA Method 7060, total petroleum hydrocarbons as gasoline using EPA Method 5030, TPHd using EPA Method 3510, and benzene, toluene, ethylbenzene, and total xylenes using EPA Method 8020.

If you have any questions or comments, please call either of the undersigned or Mark Knox at (510) 652-4500, or Larry Mencin of Sherwin-Williams at (216) 566-1765.

Sincerely,

Michael B. Marsden, R.G.
Senior Hydrogeologist

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Enclosure

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CERTIFICATION

All hydrogeologic and geologic information, conclusions, and recommendations in this document have been prepared under the supervision of and reviewed by a Levine · Fricke · Recon California Registered Geologist.

10-30-97

Michael B. Marsden
Senior Hydrogeologist
California Registered Geologist (6536)

Date

1.0 INTRODUCTION AND SCOPE

Levine · Fricke · Recon Inc. (LFR) has prepared this combined quarterly groundwater monitoring report for July 1 to September 30, 1997, on behalf of The Sherwin-Williams Company for submittal to the Regional Water Quality Control Board (RWQCB) as part of a self-monitoring program for its manufacturing facility located at 1450 Sherwin Avenue in Emeryville, California ("the Site"; Figures 1 and 2). In addition, this report includes quarterly groundwater monitoring results from July 1 to September 30, 1997, on a portion of the Rifkin Property, 4525-4563 Horton Street, Emeryville, California. Previously, the groundwater monitoring results were reported to the RWQCB under a separate cover.

LFR conducted the quarterly groundwater monitoring for July 1 to September 30, 1997, in August and September 1997. The quarterly monitoring activities included the following:

- Groundwater levels were measured in on- and off-site monitoring wells (LF-3, LF-7, LF-8, LF-11, LF-12, LF-13, LF-17, LF-18, LF-19, LF-20, LF-21, LF-22, LF-23, LF-24, LF-25, LF-26, LF-B3, LF-B4, LF-B-5, LF-B6, EX-1, EX-2, EX-3, and Rifkin Property wells RP-1 through RP-5 and MW-1 through MW-5).
- Groundwater samples collected at The Sherwin-Williams plant site were collected from 11 A-zone monitoring wells located outside the site slurry wall, three extraction wells located inside the site slurry wall, and all four B-zone monitoring wells. The samples were analyzed for volatile organic compounds (VOCs) using EPA Method 8240, for total petroleum hydrocarbons as diesel (TPHd) using EPA Extraction Method 3510, for total petroleum hydrocarbons as gasoline (TPHg) using EPA Extraction Method 5030, and for inorganic compounds as arsenic using EPA Method 7060.
- Groundwater samples collected at The Rifkin Property site were collected from 10 A-zone monitoring wells. The samples were analyzed for inorganic compounds as arsenic using EPA Method 7060, TPHg using EPA Method 5030, TPHd using EPA Method 3510, and benzene, toluene, ethylbenzene, and total xylenes using EPA Method 8020.

Data were collected and reported in accordance with the guidelines set forth in the Quality Assurance Project Plan (QAPP; LFR 1990), which was prepared for this project.

2.0 GROUNDWATER ELEVATIONS AND FLOW DIRECTIONS

LFR technicians measured groundwater elevations on September 19, 1997. Groundwater elevation data are presented in Table 1. The groundwater flow elevations and directions in the A zone and the B zone are illustrated in Figures 3 and 4, respectively.

As shown in Figure 3, the A-zone groundwater flow direction outside the slurry wall is generally toward the northwest with flow directions changing in isolated areas. The A-zone groundwater flow direction inside the slurry wall is usually significantly affected by the three extraction wells, with flow generally moving toward the extraction wells. The extraction system was not operating at the time, however, water levels were measured.

The groundwater flow contours, as shown in Figure 3, indicate that groundwater flow in the A-zone on September 19, 1997, was affected by the slurry wall. Since last quarter, water levels inside the slurry wall have increased slightly, while water levels outside the slurry wall have decreased slightly.

The inconsistency of A-zone groundwater elevations inside the slurry wall compared to A-zone groundwater elevations outside the slurry wall indicate that the slurry wall is acting as a barrier to flow, and is effective in containing groundwater on site. As shown in Figure 4, B-zone groundwater flow direction is also toward the northwest. This is consistent with B-zone groundwater flow direction previously reported for the Site.

3.0 GROUNDWATER QUALITY SAMPLING

LFR technicians collected groundwater samples for chemical analysis from August 18 to August 20, 1997, from A-zone monitoring wells LF-3, LF-11, LF-13, LF-18, LF-19, LF-20, LF-21, LF-23, LF-24, LF-25, RP-1 through RP-5, and MW-1 through MW-5, and B-zone monitoring wells LF-B3, LF-B4, LF-B5, and LF-B6. LFR collected groundwater samples for chemical analysis from A-zone extraction wells EX-1, EX-2, and EX-3 on September 22, 1997.

Well LF-19 has historically only been used for collecting groundwater elevation data as a paired well with LF-7. A groundwater sample was collected from LF-19 for chemical analysis during this quarterly event and the previous event as well.

A minimum of 3 well volumes of water was purged from each monitoring well before sampling. The wells were purged either by pumping with a centrifugal pump or by hand bailing with a disposable polyethylene bailer. Wells that recovered slowly were purged dry and allowed to recover to 80 percent of the initial well volume before they were sampled. The hoses attached to the centrifugal pump were steam cleaned before each use. The evacuated water was pumped into a portable storage tank, and then transferred and discharged into the site groundwater treatment system. Field parameters (temperature, pH, and specific conductance of the evacuated water) were recorded during purging; wells were sampled after the parameters had stabilized.

After each well had been purged, samples were collected from monitoring wells for laboratory analysis using a new disposable, polyethylene bailer for each well. Samples collected from extraction wells were collected at discharge ports at the site treatment system. All samples for chemical analysis were analyzed by American Environmental

Network of Pleasant Hill, California, a state-certified laboratory, according to EPA Method protocol. Laboratory data sheets are on file at LFR. Appendix A includes a Quality Assurance and Quality Control (QA/QC) review of groundwater quality data.

4.0 GROUNDWATER QUALITY ANALYSIS RESULTS

4.1 A-Zone Water Quality

Analytical results for samples collected from A-zone monitoring wells are presented in Table 2 for VOCs, Table 3 for TPHd and TPHg, and Table 4 for inorganic compounds. Graphic illustrations of chemical concentrations detected in A-zone wells are presented in Figure 5 for VOCs, Figure 6 for TPHd, Figure 7 for TPHg, and Figure 8 for arsenic concentrations.

4.1.1 Volatile Organic Compounds

Volatile organic compound (VOC) analytical results for samples collected from the Sherwin-Williams Plant site A-zone wells outside the slurry wall and extraction wells within the slurry wall during this sampling event were below the reported laboratory detection limits with the exception of the samples from wells LF-3 and LF-19, and extraction wells EX-1 and EX-2. Groundwater collected from EX-1 contained 0.21 ppm xylenes. EX-2 indicated 1.8 ppm ethylbenzene, 8.4 ppm xylenes, 21 ppm toluene, and 8.2 ppm trichloroethene (TCE). Groundwater collected from well LF-3 contained 6 parts per million (ppm) ethylbenzene, 31 ppm total xylenes, and 91 ppm toluene. Well LF-19 sampled for chemical analyses for the second time, indicated a concentration of toluene at 0.006 ppm.

VOC analytical results for samples collected from the Rifkin Property A-zone wells during this sampling event indicate that groundwater collected from six of the ten Rifkin Property wells contain concentrations of at least one VOC above laboratory detection limits. Concentrations above laboratory detection limits ranged from 0.0017 to 0.4 ppm benzene in wells MW-4 and MW-5, respectively; 0.0014 to 1.6 ppm of ethylbenzene in wells MW-1 and MW-5, respectively; 0.004 to 8.1 ppm of total xylenes in wells MW-1 and MW-5, respectively; and 0.0006 to 84 ppm of toluene in wells RP-5 and MW-5, respectively.

4.1.2 Total Petroleum Hydrocarbons as Diesel

Relatively low hydrocarbon concentrations of TPHd (0.97 ppm or less) were detected in samples from the Sherwin-Williams site A-zone wells located outside the slurry wall (Table 3 and Figure 6). TPHd concentrations for wells LF-12 and LF-13 did not exceed the detection limit of 0.05 ppm. Well LF-19, sampled for chemical analyses for the second time, indicated TPHd concentrations at 0.78 ppm. Extraction wells EX-1,

EX-2, and EX-3, indicated TPHd concentrations at 1.4, 0.64, and 0.08 ppm, respectively.

With the exception of wells MW-3, MW-4 and MW-5, TPHd was detected in samples collected from Rifkin Property wells at concentrations ranging from 0.07 (well RP-4) to 1.8 ppm (well MW-2). Groundwater collected from wells MW-4 and MW-5 contained TPHd at concentrations of 9.9 and 15 ppm, respectively. TPHd was not detected above the laboratory detection limit in groundwater collected from well MW-3.

4.1.3 Total Petroleum Hydrocarbons as Gasoline

With the exception of wells LF-3, LF-11, LF-19, and LF-20, concentrations of TPHg did not exceed the detection limit of 0.05 ppm in samples from the Sherwin-Williams site A-zone wells located outside the slurry wall (Table 3 and Figure 7). Samples collected from wells LF-11, LF-19 (sampled for the second time), and LF-20 contained relatively low TPHg concentrations of 0.16/0.15 (sample/duplicate), 0.15, and 0.22 ppm, respectively. A sample collected from well LF-3 contained 200 ppm TPHg. TPHg concentrations were detected at groundwater samples from extraction wells EX-1 and EX-2 at 0.32 and 39 ppm, respectively.

Seven of the ten Rifkin Property wells contained concentrations of TPHg above the laboratory detection limit of 0.05 ppm. Samples collected from wells RP-1, RP-3, MW-1, MW-2, MW-3, and MW-4 contained relatively low TPHg concentrations ranging from 0.09 (well RP-3) to 1.2 ppm (well RP-1). A sample collected from well MW-5 contained 120 ppm TPHg.

4.1.4 Inorganic Compounds as Arsenic

Analytical results for samples collected from the Sherwin-Williams site A-zone wells, located outside the slurry wall and extraction wells within the slurry wall, were analyzed for inorganic compounds as arsenic (Table 4). Arsenic concentrations were detected in 10 monitoring wells and each of the extraction wells. Well LF-19, sampled for chemical analyses for the second time, indicated arsenic levels just above detection limits at a concentration of 0.007 ppm. With the exception of well LF-3, concentrations ranged from 0.008 ppm in well LF-24 to 1.3/1.1 (sample/duplicate) ppm in well LF-11. The sample from well LF-3 contained 120 ppm arsenic. Arsenic concentrations were indicated in groundwater samples collected from EX-1, EX-2, and EX-3 at 0.028, 42, and 150 ppm, respectively.

Analytical results for samples collected from the Rifkin Property site A-zone wells, were analyzed for inorganic compounds as arsenic (Table 4). Arsenic concentrations were detected in all 10 wells. With the exception of wells MW-4 and MW-5, concentrations ranged from 0.008 ppm in well RP-3 to 0.077 ppm in well MW-1. The samples from wells MW-4 and MW-5 contained 12 and 31 ppm of arsenic, respectively.

4.2 B-Zone Water Quality

Analytical results for samples collected from B-zone monitoring wells are presented in Table 2 for VOCs, Table 3 for TPHd and TPHg, and Table 4 for inorganic compounds. Graphic illustrations of chemical concentrations detected in B-zone wells are presented in Figure 6 for TPHd, Figure 7 for TPHg, Figure 9 for VOCs, and Figure 10 for inorganic compounds as arsenic.

4.2.1 Volatile Organic Compounds

VOC analytical results for samples collected from B-zone wells LF-B3, LF-B4, LF-B5, and LF-B6 are presented in Table 2 and Figure 9. 1,2-Dichloroethane (1,2-DCA) was detected in wells LF-B3, LF-B5, and LF-B6 at 0.032, 0.38, and 0.07 ppm, respectively. All other samples collected from B-zone wells did not exceed the laboratory detection limits.

4.2.2 Total Petroleum Hydrocarbons as Diesel

The TPHd analytical results from samples collected from B-zone wells LF-B3 and LF-B6 indicated concentrations of diesel at 0.2 and 0.19 ppm, respectively. The concentrations of TPHd in the samples collected from wells LF-B5 and LF-B4 did not exceed the laboratory detection limit (Table 3 and Figure 6).

4.2.3 Total Petroleum Hydrocarbons as Gasoline

The TPHg analytical results from samples collected from B-zone wells LF-B3, LF-B5, and LF-B6 indicated gasoline concentrations of 0.06, 0.12, and 0.16 ppm, respectively. The concentration of TPHg in the sample collected from well LF-B4 did not exceed the laboratory detection limit (Table 3 and Figure 7).

4.2.4 Inorganic Compounds as Arsenic

Arsenic was detected in samples collected from wells LF-B5 and LF-B6 at concentrations of 0.14 and 0.01 ppm, respectively (Table 4 and Figure 10). LF-B5 is only representative of groundwater quality in the aquitard between the A- and B-zone, since the well is screened within the aquitard. The actual water quality in the B-zone in the area of LF-B5 is uncertain. The concentrations of arsenic in groundwater collected from these two wells are similar to concentrations detected in the previous monitoring period. The concentrations of arsenic in the samples collected from wells LF-B3 and LF-B4 were detected at 0.005 and 0.005 ppm, which is slightly above the laboratory detection limit of 0.002 ppm.

5.0 QUALITY ASSURANCE/QUALITY CONTROL PROCEDURES AND RESULTS

QA/QC measures were implemented for the purpose of maintaining data quality and minimizing the potential for field and laboratory cross contamination of samples. QA/QC procedures included collecting trip blank and bailer rinsate blank samples, controlling sampling order, using disposable bailers, and daily steam cleaning of pump hoses before and after use.

The results for the QA/QC samples are reported in Tables 2 through 4. These results indicate that the QA/QC controls were effective in eliminating field and/or laboratory cross contamination of samples.

Tables A-1 and A-2 are summary tables that provide data typically included on the laboratory reports. Table A-3 presents common reporting limits for groundwater samples.

REFERENCE

Levine · Fricke · Recon, Inc. 1990. Quality Assurance Project Plan for Sherwin-Williams Plant, Emeryville, California. November 29 (unpublished report).

Table 1
Groundwater Elevation Data, September 1997
The Sherwin-Williams Plant
Emeryville, California

Well Number	Well Elevation	Measured Depth to Water 09/19/97	Ground-Water Elevation 09/19/97
Sherwin-Williams Wells			
LF-3	12.00	5.71	6.29
LF-4	12.53	6.37	6.16
LF-7	14.44	8.22	6.22
LF-8	12.91	7.25	5.66
LF-10	10.99	4.65	6.34
LF-11	10.05	4.63	5.42
LF-12	14.95	7.00	7.95
LF-13	14.78	6.76	8.02
LF-17	12.53	4.00	8.53
LF-18	13.05	8.31	4.74
LF-19	14.18	7.69	6.49
LF-20	11.77	7.91	3.86
LF-21	10.37	5.42	4.95
LF-22	19.16	10.01	9.15
LF-23	10.64	5.90	4.74
LF-24	10.22	6.15	4.07
LF-25	11.31	7.86	3.45
LF-26	12.90	7.61	5.29
EX-1	10.08	4.34	5.74
EX-2	10.08	3.80	6.28
EX-3	14.90	6.15	8.75
LF-B3	10.30	4.08	6.22
LF-B4	14.55	6.75	7.80
LF-B5	18.29	10.78	7.51
LF-B6	11.99	5.75	6.24
Rifkin Property Wells			
RP-1	15.14	8.46	6.68
RP-2	15.24	8.74	6.50
RP-3	15.17	8.58	6.59
RP-4	15.13	8.72	6.41
RP-5	15.04	8.64	6.40
MW-1	13.78	7.56	6.22
MW-2	13.58	7.41	6.17
MW-3	14.60	7.93	6.67
MW-4	15.53	7.76	7.77
MW-5	15.24	8.11	7.13

Data entered by ELG. Proofed by MJS.

TABLE 2
SUMMARY OF HISTORICAL VOLATILE ORGANIC COMPOUNDS (EPA 8240) IN GROUNDWATER MONITORING WELLS
THE SHERWIN-WILLIAMS PLANT
EMERYVILLE, CALIFORNIA
(Results reported in parts per million [ppm])

Well Number	Date Sampled	Acetone	Benzene	Ethyl-Benzene	Methyl Ethyl Ketone	Total Xylenes	2-Hexa-none	Toluene	1,1,1-TCA	1,2-DCA	PCE	TCE	Chloro-benzene	Total Quantified Conc.	Notes
LF-1	01-Jun-89	30.000	<0.200	0.900	20.000	3.600	15.000	6.000	<0.200	<0.200	<0.200	<0.200	<0.200	75.500	
LF-1	07-Dec-89	<0.010	<0.001	<0.001	<0.020	0.040	<0.001	<0.001	<0.001	<0.001	0.002	<0.001	<0.001	0.042	
LF-1	20-Jul-90	0.450	0.002	<0.001	0.200	0.160	<0.001	0.018	<0.001	<0.001	0.005	0.004	<0.001	0.840	#2
LF-1	21-Jun-91	<0.020	<0.005	0.019	<0.020	0.010	<0.010	<0.005	<0.005	<0.005	0.002	<0.005	<0.005	0.032	
LF-1	09-Jul-92	<0.020	<0.005	0.008	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.008	
LF-1	09-Jun-93	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-1	Destroyed under permit														
LF-2	02-Jun-89	<0.050	0.015	0.015	<0.100	0.300	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.330	
LF-2	07-Dec-89	0.350	<0.020	<0.020	<0.400	0.840	<0.020	0.029	<0.020	<0.020	<0.020	<0.020	<0.020	1.219	
LF-2	20-Jul-90	<0.500	<0.050	0.066	8.800	0.910	12.000	0.051	<0.050	<0.050	<0.050	<0.050	0.050	21.827	
LF-2	Destroyed or lost during slurry wall and cap construction activities														
LF-3	02-Jun-89	<1.000	<0.100	2.500	<2.000	12.000	<0.100	17.000	<0.100	<0.100	<0.100	<0.100	<0.100	31.500	
LF-3	07-Dec-89	<5.000	<0.500	6.300	<10.000	32.000	<0.500	77.000	<0.500	<0.500	<0.500	<0.500	<0.500	115.300	
LF-3	20-Jul-90	10.000	0.110	5.000	7.700	22.000	1.900	52.000	<0.050	<0.050	<0.050	<0.050	<0.050	98.710	
LF-3	21-Jun-91	9.900	<1.000	7.500	8.200	44.000	<2.000	62.000	<1.000	<1.000	<1.000	<1.000	<1.000	131.600	
LF-3	09-Jul-92	<10.000	<2.500	8.900	<10.000	43.000	<5.000	92.000	<2.500	<2.500	<2.500	<2.500	<2.500	143.900	
DUP	09-Jul-92	<20.000	<5.000	8.800	<20.000	45.000	<10.000	100.000	<5.000	<5.000	<5.000	<5.000	<5.000	153.800	
LF-3	09-Jun-93	<10.000	<2.500	9.800	<10.0[illegible]	48.000	<5.000	120.000	<2.500	<2.500	<2.500	<2.500	<2.500	177.800	
DUP	09-Jun-93	<10.000	<2.500	7.600	<10.000	37.000	<5.000	110.000	<2.500	<2.500	<2.500	<2.500	<2.500	154.600	
LF-3	16-Apr-96	<50.000	<3.000	5.500	<50.0	27.000	<30.000	45.000	<3.000	<3.000	<3.000	<3.000	<3.000	77.500	
LF-3	31-Jul-96	<50.000	<3.000	4.500	<50.000	24.000	<30.000	44.000	<3.000	<3.000	<3.000	<3.000	<3.000	72.500	
LF-3	20-Nov-96	<50.000	<3.000	4.000	<50.000	12.000	<30.000	41.000	<3.000	<3.000	<3.000	<3.000	<3.000	57.000	
LF-3	19-Mar-97	<50.000	<3.000	3.000	<50.000	16.000	<30.000	43.000	<3.000	<3.000	<3.000	<3.000	<3.000	62.000	
LF-3	12-Jun-97	<50.000	<3.000	7.000	<50.000	31.000	<30.000	70.000	<3.000	<3.000	<3.000	<3.000	<3.000	108.000	
LF-3	19-Aug-97	<100	<5	6	<100	31	<50	91	<5	<5	<5	<5	<5	128.000	
LF-4	02-Jun-89	1.300	<0.200	1.300	4.700	3.800	0.260	<0.200	<0.020	<0.020	<0.020	<0.020	<0.020	11.360	
Dup	02-Jun-89	1.300	<0.200	1.700	4.700	4.100	0.280	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	12.080	
LF-4	06-Dec-89	<0.020	<0.020	0.200	<0.040	0.650	<0.002	<0.004	<0.002	<0.002	<0.002	<0.002	<0.002	0.850	
DUP	06-Dec-89	<0.050	<0.005	0.250	<0.100	0.750	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	1.000	
LF-4	20-Jul-90	<1.000	<1.000	<0.100	<2.000	0.380	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	0.380	
LF-4	21-Jun-91	0.079	0.039	0.058	<0.040	0.350	<0.020	0.007	<0.010	<0.010	<0.010	<0.010	0.005	0.556	
DUP	21-Jun-91	<0.040	0.040	0.140	<0.040	0.380	<0.020	0.008	<0.010	<0.010	<0.010	<0.010	0.006	0.594	#4
LF-4	09-Jul-92	<0.020	0.016	0.015	<0.020	0.069	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	0.008	0.108	
LF-4	09-Jun-93	<0.200	0.051	0.210	<0.200	1.500	<0.100	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	1.761	
LF-5	01-Jun-89	220.000	<2.000	2.000	390.000	8.000	<2.000	300.000	<1.000	<1.000	<1.000	<2.000	<1.000	920.000	
LF-5	06-Dec-89	51.000	<1.000	<1.000	320.000	<1.000	<1.000	310.000	<1.000	<1.000	<1.000	<1.000	<1.000	681.000	
LF-5	20-Jul-90	<10.000	<1.000	1.100	170.000	2.600	6.700	170.000	<1.000	<1.000	<1.000	<1.000	<1.000	350.400	
LF-5	21-Jun-91	<20.000	<5.000	<5.000	<20.000	5.400	<10.000	>200.00	<5.000	<5.000	<5.000	<5.000	<5.000	5.400	
LF-5	09-Jul-92	<20.000	<5.000	<5.000	<20.000	<5.000	<10.000	150.000	<5.000	<5.000	<5.000	<5.000	<5.000	150.000	
LF-5	09-Jun-93	<10.000	<2.500	<2.500	<10.000	4.500	<5.000	83.000	<2.500	<2.500	<2.500	<2.500	<2.500	87.500	
LF-5	Destroyed or lost during slurry wall and cap construction activities														
LF-6	01-Jun-89	280.000	<1.000	6.000	470.000	210.000	<1.000	22.000	<0.200	<0.200	<0.200	<1.000	<0.200	988.000	

TABLE 2
SUMMARY OF HISTORICAL VOLATILE ORGANIC COMPOUNDS (EPA 8240) IN GROUNDWATER MONITORING WELLS
THE SHERWIN-WILLIAMS PLANT
EMERYVILLE, CALIFORNIA
(Results reported in parts per million [ppm])

Well Number	Date Sampled	Acetone	Benzene	Ethyl-Benzene	Methyl Ethyl Ketone	Total Xylenes	2-Hexa-none	Toluene	1,1,1-TCA	1,2-DCA	PCE	TCE	Chloro-benzene	Total Quantified Conc.	Notes
LF-6	05-Dec-89	64.000	<1.000	5.000	320.000	17.000	<1.000	59.000	<1.000	<1.000	<1.000	<1.000	<1.000	465.000	
LF-6	20-Jul-90	200.000	<1.000	4.000	720.000	13.000	24.000	45.000	<1.000	<1.000	45.000	<1.000	<1.000	1051.000	
LF-6	Sealed August 2, 1990														
LF-7	01-Jun-89	<0.005	0.050	<0.005	<0.005	0.580	<0.005	0.270	<0.001	<0.001	<0.001	<0.005	<0.001	0.900	
LF-7	06-Dec-89	<0.010	0.031	0.052	<0.020	0.150	<0.001	0.003	<0.001	<0.001	<0.001	<0.001	0.007	0.243	
LF-7	19-Jul-90	<0.010	<0.001	0.007	<0.020	0.044	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	0.052	
LF-7	20-Jun-91	<0.020	0.061	0.045	<0.020	0.120	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	0.007	0.233	
LF-7	09-Jul-92	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
DUP	09-Jul-92	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
LF-7	09-Jun-93	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
DUP	09-Jun-93	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-7	06-Jan-94	<0.050	0.031	0.003	<0.050	0.014	<0.030	0.120	<0.003	<0.003	<0.003	<0.003	0.009	0.177	
LF-8	05-Dec-89	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	0.003	<0.001	<0.001	<0.001	<0.001	<0.001	0.003	
LF-8	19-Jul-90	<0.010	<0.001	0.007	<0.020	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	0.010	
LF-8	21-Dec-90	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.020	
LF-8	20-Jun-91	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
LF-8	09-Jul-92	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
LF-8	30-Dec-92	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
LF-8	09-Jun-93	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-8	06-Jan-94	<0.050	<0.003	<0.005	<0.050	<0.005	<0.030	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	0.000	
LF-9	05-Dec-89	<0.010	<0.001	0.022	<0.020	<0.001	<0.001	0.003	<0.001	<0.001	<0.001	<0.001	0.005	0.030	
LF-9	19-Jul-90	<0.010	<0.001	0.011	<0.020	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.004	0.017	
LF-9	21-Dec-90	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.020	
LF-9	21-Jun-91	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	0.006	0.006	
LF-9	09-Jul-92	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	0.005	
LF-9	30-Dec-92	<0.020	<0.005	0.007	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	<0.020	
LF-9	09-Jun-93	<0.020	0.005	<0.005	<0.020	<0.005	<0.010	0.005	<0.005	<0.005	<0.005	<0.005	0.005	0.010	
LF-9	Destroyed or lost during slurry wall and cap construction activities														
LF-10	07-Dec-89	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.020	
LF-10	19-Jul-90	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.020	
LF-10	19-Dec-90	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.020	
DUP	19-Dec-90	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.020	
LF-10	21-Jun-91	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
LF-10	21-Jun-91	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
LF-10	09-Jul-92	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
LF-10	31-Dec-92	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
DUP	31-Dec-92	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
LF-10	09-Jun-93	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-10	06-Jan-94	<0.050	<0.003	<0.005	<0.050	<0.005	<0.030	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	0.000	
DUP	06-Jan-94	<0.050	<0.003	<0.005	<0.050	<0.005	<0.030	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	0.000	
LF-11	05-Dec-89	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	0.002	
DUP	05-Dec-89	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.023	<0.001	<0.001	<0.001	<0.001	<0.001	0.000	
LF-11	19-Jul-90	0.015	<0.001	<0.001	<0.020	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	<0.001	0.016	

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(Results reported in parts per million [ppm])

Well Number	Date Sampled	Acetone	Benzene	Ethyl-Benzene	Methyl Ethyl Ketone	Total Xylenes	2-Hexa-none	Toluene	1,1,1-TCA	1,2-DCA	PCE	TCE	Chloro-benzene	Total Quantified Conc.	Notes
LF-11	21-Dec-90	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.020	
LF-11	21-Jun-91	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
DUP	21-Jun-91	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
LF-11	09-Jul-92	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
LF-11	31-Dec-92	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
LF-11	09-Jun-93	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-11	05-Jan-94	<0.050	<0.003	<0.005	<0.050	<0.005	<0.030	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	0.000	
LF-11	4-Apr-96	<0.100	<0.005	<0.005	<0.1	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-11	31-Jul-96	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-11	20-Nov-96	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-11	18-Mar-97	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
DUP	18-Mar-97	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-11	11-Jun-97	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.016	#5
LF-11	19-Aug-97	<0.1	<0.005	<0.005	<0.1	<0.01	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
DUP	19-Aug-97	<0.1	<0.005	<0.005	<0.1	<0.01	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-12	06-Dec-89	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	0.005	
LF-12	18-Jul-90	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	0.002	<0.001	0.003	
LF-12	19-Dec-90	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.001	<0.001	<0.001	0.002	0.003	<0.001	0.005	
LF-12	19-Jun-91	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	0.002	<0.005	0.002	
LF-12	08-Jul-92	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
LF-12	30-Dec-92	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
LF-12	08-Jun-93	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-12	06-Jan-94	<0.050	<0.003	<0.005	<0.050	<0.005	<0.030	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	0.000	
LF-12	16-Apr-96	<0.100	<0.005	<0.005	<0.1	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-12	30-Jul-96	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-12	20-Nov-96	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-12	17-Mar-97	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-12	1-Jul-97	<0.100	<0.005	<0.005	NA	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
Dup	1-Jul-97	<0.100	<0.005	<0.005	NA	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-12	20-Aug-97	<0.1	<0.005	<0.005	<0.1	<0.01	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-13	06-Dec-89	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	0.002	0.029	<0.001	<0.001	<0.001	<0.001	0.031	
LF-13	18-Jul-90	<0.010	<0.001	<0.001	<0.020	0.001	<0.001	0.002	0.056	<0.001	0.001	<0.001	<0.001	0.060	
LF-13	19-Dec-90	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.001	0.042	0.002	0.002	<0.001	<0.001	0.046	#3
LF-13	19-Jun-91	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	0.032	<0.005	<0.005	<0.005	<0.005	0.032	
LF-13	08-Jul-92	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	0.010	<0.005	<0.005	<0.005	<0.005	<0.020	
LF-13	30-Dec-92	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
LF-13	08-Jun-93	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	0.008	<0.005	<0.005	<0.005	<0.005	0.008	
LF-13	05-Jan-94	<0.050	<0.003	<0.005	<0.050	<0.005	<0.030	<0.003	0.004	<0.003	<0.003	<0.003	<0.003	0.004	
LF-13	16-Apr-96	<0.100	<0.005	<0.005	<0.1	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-13	30-Jul-96	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
DUP	30-Jul-96	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-13	20-Nov-96	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-13	17-Mar-97	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
DUP	17-Mar-97	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-13	12-Jun-97	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	

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(Results reported in parts per million [ppm])

Well Number	Date Sampled	Acetone	Benzene	Ethyl-Benzene	Methyl Ethyl Ketone	Total Xylenes	2-Hexa-none	Toluene	1,1,1-TCA	1,2-DCA	PCE	TCE	Chloro-benzene	Total Quantified Conc.	Notes
LF-13	19-Aug-97	<0.1	<0.005	<0.005	<0.1	<0.01	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-14	04-Sep-90	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.020	
LF-14	21-Dec-90	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.020	
LF-14	20-Jun-91	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
LF-14	09-Jul-92	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
LF-14	31-Dec-92	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
LF-14	09-Jun-93	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-14	Destroyed during railway expansion activities														
LF-15	04-Sep-90	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.020	
LF-15	21-Dec-90	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.020	
LF-15	20-Jun-91	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
LF-15	08-Jul-92	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
LF-15	30-Dec-92	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
LF-15	09-Jun-93	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-15	Destroyed during railway expansion activities														
LF-16	04-Sep-90	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.020	
LF-16	20-Dec-90	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.020	
LF-16	20-Jun-91	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
LF-16	09-Jul-92	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
LF-16	30-Dec-92	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
LF-16	09-Jun-93	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-16	Destroyed under permit														
LF-18	11-Apr-96	<0.1	<0.005	<0.005	<0.100	<0.010	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-18	30-Jul-96	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-18	20-Nov-96	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-18	19-Mar-97	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-18	11-Jun-97	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
Dup	11-Jun-97	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-18	19-Aug-97	<0.1	<0.005	<0.005	<0.1	<0.01	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-19	13-Jun-97	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-19	19-Aug-97	NA	<0.0005	<0.0005	NA	<0.002	NA	0.0006	NA	NA	NA	NA	NA	0.001	
LF-20	11-Apr-96	<0.1	<0.005	<0.005	<0.1	<0.010	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-20	30-Jul-96	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-20	21-Nov-96	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-20	18-Mar-97	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-20	11-Jun-97	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	0.005	
LF-20	19-Aug-97	<0.1	<0.005	<0.005	<0.1	<0.01	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-21	10-Apr-96	<0.1	<0.005	<0.005	<0.1	<0.010	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-21	31-Jul-96	<0.1	<0.005	<0.005	<0.1	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-21	21-Nov-96	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-21	18-Mar-97	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	

TABLE 2
SUMMARY OF HISTORICAL VOLATILE ORGANIC COMPOUNDS (EPA 8240) IN GROUNDWATER MONITORING WELLS
THE SHERWIN-WILLIAMS PLANT
EMERYVILLE, CALIFORNIA
(Results reported in parts per million [ppm])

Well Number	Date Sampled	Acetone	Benzene	Ethyl-Benzene	Methyl Ethyl Ketone	Total Xylenes	2-Hexa-none	Toluene	1,1,1-TCA	1,2-DCA	PCE	TCE	Chloro-benzene	Total Quantified Conc.	Notes
LF-21	11-Jun-97	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-21	19-Aug-97	<0.1	<0.005	<0.005	<0.1	<0.01	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-23	10-Apr-96	<0.1	<0.005	<0.005	<0.1	<0.010	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
Dup	10-Apr-96	<0.1	<0.005	<0.005	<0.1	<0.010	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-23	2-Aug-96	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-23	21-Nov-96	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-23	18-Mar-97	<0.100	0.010	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.010	
LF-23	11-Jun-97	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-23	20-Aug-97	<0.1	<0.005	<0.005	<0.1	<0.01	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-24	11-Apr-96	<0.1	<0.005	<0.005	<0.1	<0.010	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-24	2-Aug-96	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-24	21-Nov-96	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-24	18-Mar-97	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-24	11-Jun-97	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-24	20-Aug-97	<0.1	<0.005	<0.005	<0.1	<0.01	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-25	11-Apr-96	<0.1	<0.005	<0.005	<0.1	<0.01	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-25	2-Aug-96	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-25	21-Nov-96	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-25	18-Mar-97	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-25	11-Jun-97	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-25	20-Aug-97	<0.1	<0.005	<0.005	<0.1	<0.01	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-B1	07-Dec-89	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.001	<0.001	0.051	<0.001	<0.001	<0.001	0.051	#6
LF-B1	18-Jul-90	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.002	<0.001	0.170	0.001	<0.001	<0.001	0.171	#6
LF-B1	20-Dec-90	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.001	<0.001	0.130	<0.001	<0.001	<0.001	0.130	#6
LF-B1	20-Jun-91	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	0.180	<0.005	<0.005	<0.005	0.180	#6
LF-B1	08-Jul-92	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	0.150	<0.005	<0.005	<0.005	0.150	#6
LF-B1	30-Dec-92	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	0.140	<0.005	<0.005	<0.005	0.140	#6
LF-B1	08-Jun-93	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	0.160	<0.005	<0.005	<0.005	0.160	#6
LF-B1	Destroyed under permit														
LF-B2	06-Dec-89	<0.010	<0.001	<0.001	<0.020	0.013	<0.001	<0.001	<0.001	0.007	<0.001	<0.001	<0.001	0.020	
LF-B2	18-Jul-90	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	0.002	<0.001	0.007	<0.001	<0.001	<0.001	0.009	
DUP	18-Jul-90	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	0.002	<0.001	0.007	<0.001	<0.001	<0.001	0.009	
LF-B2	19-Dec-90	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.001	<0.001	0.004	0.002	<0.001	<0.001	0.006	
LF-B2	20-Jun-91	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	0.150	<0.005	<0.005	<0.005	0.150	
LF-B2	08-Jul-92	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	0.006	<0.005	<0.005	<0.005	0.006	
LF-B2	08-Jun-93	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	0.006	<0.005	<0.005	<0.005	0.006	
LF-B2	Destroyed or lost during slurry wall and cap construction activities														
LF-B3	07-Dec-89	<0.010	<0.001	<0.001	<0.020	<0.001	0.001	<0.001	<0.001	0.100	<0.001	<0.001	<0.001	0.101	#1
DUP	07-Dec-89	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.001	<0.001	0.073	<0.001	<0.001	<0.001	0.073	
LF-B3	18-Jul-90	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	0.002	<0.001	0.086	<0.001	<0.001	<0.001	0.088	
LF-B3	20-Dec-90	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.001	<0.001	0.084	<0.001	<0.001	<0.001	0.084	
LF-B3	19-Jun-91	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	0.110	<0.005	<0.005	<0.005	0.110	
LF-B3	08-Jul-92	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	0.110	<0.005	<0.005	<0.005	0.110	

TABLE 2
SUMMARY OF HISTORICAL VOLATILE ORGANIC COMPOUNDS (EPA 8240) IN GROUNDWATER MONITORING WELLS
THE SHERWIN-WILLIAMS PLANT
EMERYVILLE, CALIFORNIA
(Results reported in parts per million [ppm])

Well Number	Date Sampled	Acetone	Benzene	Ethyl-Benzene	Methyl Ethyl Ketone	Total Xylenes	2-Hexa-none	Toluene	1,1,1-TCA	1,2-DCA	PCE	TCE	Chloro-benzene	Total Quantified Conc.	Notes
LF-B3	30-Dec-92	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	0.110	<0.005	<0.005	<0.005	0.110	
LF-B3	08-Jun-93	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	0.110	<0.005	<0.005	<0.005	0.110	
LF-B3	05-Jan-94	<0.050	<0.003	<0.005	<0.050	<0.005	<0.030	<0.003	<0.003	0.099	<0.003	<0.003	<0.003	0.099	
LF-B3	16-Apr-96	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	0.013	<0.005	<0.005	<0.005	0.013	
LF-B3	1-Aug-96	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	0.022	<0.005	<0.005	<0.005	0.022	
LF-B3	21-Nov-96	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	0.036	<0.005	<0.005	<0.005	0.036	
DUP	21-Nov-96	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	0.021	<0.005	<0.005	<0.005	0.021	
LF-B3	17-Mar-97	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-B3	12-Jun-97	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	0.034	<0.005	<0.005	<0.005	0.034	
LF-B3	20-Aug-97	<0.1	<0.005	<0.005	<0.1	<0.01	<0.05	<0.005	<0.005	0.032	<0.005	<0.005	<0.005	0.032	
LF-B4	18-Jul-90	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	0.002	<0.001	0.001	<0.001	<0.001	<0.001	0.003	
LF-B4	19-Dec-90	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	0.002	
LF-B4	19-Jun-91	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
LF-B4	08-Jul-92	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
LF-B4	30-Dec-92	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
LF-B4	08-Jun-93	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-B4	05-Jan-94	<0.050	<0.003	<0.005	<0.050	<0.005	<0.030	<0.003	<0.003	<0.003	<0.003	0.012	<0.003	0.012	
LF-B4	16-Apr-96	<0.100	<0.005	<0.005	<0.1	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-B4	30-Jul-96	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-B4	22-Nov-96	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	0.010	<0.005	<0.005	<0.005	<0.005	<0.005	0.010	
DUP	22-Nov-96	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-B4	17-Mar-97	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-B4	1-Jul-97	<0.100	<0.005	<0.005	NA	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-B4	20-Aug-97	<0.1	<0.005	<0.005	<0.1	<0.01	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-B5	9-Apr-96	<1.000	<0.050	<0.050	<1.0	<0.100	<0.500	<0.050	<0.050	0.280	<0.050	<0.050	<0.050	0.280	#7
LF-B5	1-Aug-96	<0.500	<0.030	<0.030	<0.500	<0.050	<0.300	<0.030	<0.030	0.380	<0.030	<0.030	<0.030	0.380	#7
LF-B5	22-Nov-96	<0.500	<0.030	<0.030	<0.500	<0.050	<0.300	<0.030	<0.030	0.320	<0.030	<0.030	<0.030	0.320	#7
LF-B5	17-Mar-97	<0.500	<0.030	<0.030	<0.500	<0.050	<0.300	<0.030	<0.030	0.290	<0.030	<0.030	<0.030	0.290	#7
LF-B5	11-Jun-97	<0.500	<0.030	<0.030	<0.500	<0.050	<0.300	<0.030	<0.030	0.310	<0.030	<0.030	<0.030	0.310	#7
LF-B5	20-Aug-97	<1	<0.05	<0.05	<1	<0.1	<0.5	<0.05	<0.05	0.38	<0.05	<0.05	<0.05	0.380	
LF-B6	9-Apr-96	<2.000	<0.100	0.290	<2.0	0.970	<1.000	0.290	<0.100	<0.100	<0.100	<0.100	<0.100	1.550	
LF-B6	1-Aug-96	<0.100	<0.005	0.110	<0.100	<0.010	<0.050	<0.005	<0.005	0.030	<0.005	<0.005	<0.005	0.140	
LF-B6	25-Nov-96	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	0.046	<0.005	<0.005	<0.005	0.046	
DUP	25-Nov-96	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	0.047	<0.005	<0.005	<0.005	0.047	
LF-B6	17-Mar-97	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	0.025	<0.005	<0.005	<0.005	0.025	
LF-B6	12-Jun-97	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	0.041	<0.005	<0.005	<0.005	0.041	
LF-B6	19-Aug-97	<0.1	<0.005	<0.005	<0.1	<0.01	<0.05	<0.005	<0.005	0.07	<0.005	<0.005	<0.005	0.070	
EX-1	18-Apr-96	<0.100	<0.005	0.006	<0.100	0.020	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.026	
EX-1	1-Aug-96	<0.100	<0.005	<0.005	<0.100	0.019	<0.050	0.027	<0.005	<0.005	<0.005	<0.005	<0.005	0.046	
EX-1	18-Dec-96	<0.100	<0.005	0.031	<0.100	1.4	<0.050	0.87	<0.005	<0.005	<0.005	<0.005	<0.005	2.301	
EX-1	15-Apr-97	<10.0	<0.5	<0.5	<10.0	2.2	<5.0	3.20	<0.5	<0.500	<0.500	<0.500	<0.500	5.400	
EX-1	1-Jul-97	<2.000	<0.100	0.100	NA	1.8	<1.000	2.000	<0.100	<0.100	<0.100	<0.100	<0.100	3.900	
EX-1	22-Sep-97	<0.1	<0.005	<0.005	<0.1	0.21	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.210	

TABLE 2
SUMMARY OF HISTORICAL VOLATILE ORGANIC COMPOUNDS (EPA 8240) IN GROUNDWATER MONITORING WELLS
THE SHERWIN-WILLIAMS PLANT
EMERYVILLE, CALIFORNIA
(Results reported in parts per million [ppm])

Well Number	Date Sampled	Acetone	Benzene	Ethyl-Benzene	Methyl Ethyl Ketone	Total Xylenes	2-Hexa-none	Toluene	1,1,1-TCA	1,2-DCA	PCE	TCE	Chloro-benzene	Total Quantified Conc.	Notes
EX-2	18-Apr-96	<50	<3.0	8.000	<50	10.0	<30.0	24.0	<3.0	<3.0	<3.0	<3.0	<3.0	42.000	
EX-2	1-Aug-96	<10.0	<0.500	0.650	<10.0	3.7	<5.0	6.6	<0.500	<0.500	<0.500	<0.500	<0.500	10.950	
EX-2	18-Dec-96	<20.0	<1.0	2.5	<20.0	12.0	<10.0	23.0	<1.0	<1.0	<1.0	<1.0	<1.0	37.500	
EX-2	15-Apr-97	<50.0	<3.0	<3.0	<50.0	10.0	<30.0	26.0	<3.0	<3.0	<3.0	<3.0	<3.0	36.000	
EX-2	1-Jul-97	<30.000	<1.000	2.000	NA	10.0	<10.000	27.000	<1.000	<1.000	<1.000	<1.000	<1.000	39.000	
EX-2	22-Sep-97	<30	<1	1.8	<30	8.4	<10	21	<1	<1	<1	8.2	<1	39.400	
EX-3	18-Apr-96	<5.0	<0.3	<0.3	<5.0	<0.5	<3.0	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	0.000	
EX-3	1-Aug-96	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	0.006	<0.005	<0.005	<0.005	0.006	
EX-3	18-Dec-96	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
EX-3	15-Apr-97	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
EX-3	1-Jul-97	<0.100	<0.005	<0.005	NA	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
EX-3	22-Sep-97	<0.1	<0.005	<0.005	<0.1	<0.01	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
RP-1	28-Jul-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
RP-1	08-Sep-94	<0.100	<0.005	<0.0005	<0.100	<0.002	<0.050	<0.0005	NA	0.002	NA	<0.005	NA	NA	
RP-1	28-Feb-95	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
RP-1	29-Mar-95	<0.100	<0.005	<0.005	NA	<0.01	NA	<0.005	NA	<0.005	NA	<0.005	NA	NA	#11
RP-1	10-May-95	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
RP-1	09-Aug-95	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
RP-1	17-Nov-95	NA	<0.0005	<0.0005	NA	<0.002	NA	0.001	NA	NA	NA	NA	NA	NA	
RP-1	10-Jan-96	<0.100	<0.0005	<0.0005	<0.100	<0.002	<0.050	0.001	NA	<0.005	NA	<0.005	NA	NA	
RP-1	17-Apr-96	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
DUP	17-Apr-96	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
RP-1	31-Jul-96	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
RP-1	19-Nov-96	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
RP-1	25-Mar-97	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
RP-1	10-Jun-97	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
RP-1	18-Aug-97	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
RP-2	28-Jul-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
RP-2	08-Sep-94	<0.100	<0.005	<0.005	<0.100	<0.002	<0.050	0.001	NA	0.001	NA	0.001	NA	NA	
DUP	08-Sep-94	<0.100	<0.005	<0.005	<0.100	<0.002	<0.050	<0.0005	NA	0.001	NA	0.001	NA	NA	
RP-2	28-Feb-95	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
RP-2	29-Mar-95	<0.100	<0.005	<0.005	NA	<0.01	NA	<0.005	NA	<0.005	NA	<0.005	NA	NA	#10
RP-2	10-May-95	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
RP-2	09-Aug-95	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
RP-2	17-Nov-95	NA	0.002	0.001	NA	0.004	NA	0.003	NA	NA	NA	NA	NA	NA	
RP-2	10-Jan-96	<0.100	<0.0005	<0.0005	<0.100	<0.002	<0.050	<0.0005	NA	<0.005	NA	<0.005	NA	NA	
RP-2	17-Apr-96	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
RP-2	31-Jul-96	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
RP-2	19-Nov-96	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
RP-2	25-Mar-97	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
RP-2	10-Jun-97	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
RP-2	18-Aug-97	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
DUP	18-Aug-97	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	

TABLE 2
SUMMARY OF HISTORICAL VOLATILE ORGANIC COMPOUNDS (EPA 8240) IN GROUNDWATER MONITORING WELLS
THE SHERWIN-WILLIAMS PLANT
EMERYVILLE, CALIFORNIA
(Results reported in parts per million [ppm])

Well Number	Date Sampled	Acetone	Benzene	Ethyl-Benzene	Methyl Ethyl Ketone	Total Xylenes	2-Hexa-none	Toluene	1,1,1-TCA	1,2-DCA	PCE	TCE	Chloro-benzene	Total Quantified Conc.	Notes
RP-3	28-Jul-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
RP-3	08-Sep-94	<0.100	<0.005	<0.005	<0.100	<0.002	<0.050	<0.0005	NA	<0.005	NA	<0.0005	NA	NA	
RP-3	28-Feb-95	NA	<0.0005	<0.0005	NA	<0.002	NA	0.001	NA	NA	NA	NA	NA	NA	
RP-3	29-Mar-95	<0.100	<0.005	<0.005	NA	<0.01	NA	<0.005	NA	<0.005	NA	<0.005	NA	NA	#12
RP-3	10-May-95	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
RP-3	09-Aug-95	NA	<0.0005	<0.0005	NA	0.009	NA	0.001	NA	NA	NA	NA	NA	NA	
RP-3	17-Nov-95	NA	<0.0005	<0.0005	NA	0.005	NA	0.001	NA	NA	NA	NA	NA	NA	
RP-3	10-Jan-96	<0.100	<0.0005	<0.0005	NA	0.003	NA	0.001	NA	<0.005	NA	<0.005	NA	NA	
RP-3	17-Apr-96	NA	<0.0005	0.001	NA	0.0008	NA	<0.0005	NA	NA	NA	NA	NA	NA	
RP-3	31-Jul-96	NA	<0.0005	0.001	NA	0.007	NA	0.001	NA	NA	NA	NA	NA	NA	
RP-3	19-Nov-96	NA	<0.0005	0.001	NA	0.003	NA	0.001	NA	NA	NA	NA	NA	NA	
RP-3	25-Mar-97	NA	<0.0005	<0.0005	NA	0.004	NA	<0.0005	NA	NA	NA	NA	NA	NA	
RP-3	10-Jun-97	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
RP-3	18-Aug-97	NA	<0.0005	<0.0005	NA	0.0041	NA	<0.0005	NA	NA	NA	NA	NA	NA	
RP-4	28-Jul-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
RP-4	08-Sep-94	<0.100	<0.005	<0.005	<0.100	<0.002	<0.050	<0.0005	NA	0.001	NA	0.002	NA	NA	
RP-4	28-Feb-95	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
DUP	28-Feb-95	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
RP-4	29-Mar-95	<0.100	<0.005	<0.005	NA	<0.01	NA	<0.005	NA	<0.005	NA	<0.005	NA	NA	#9
RP-4	10-May-95	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
DUP	10-May-95	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
RP-4	09-Aug-95	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
DUP	09-Aug-95	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
RP-4	17-Nov-95	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
DUP	17-Nov-95	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
RP-4	09-Jan-96	<0.100	<0.0005	0.001	<0.100	<0.002	<0.050	<0.0005	NA	<0.005	NA	<0.005	NA	NA	
RP-4	17-Apr-96	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
RP-4	31-Jul-96	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
DUP	31-Jul-96	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
RP-4	19-Nov-96	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
RP-4	25-Mar-97	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
RP-4	10-Jun-97	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
RP-4	10-Jun-97	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
RP-4	18-Aug-97	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
RP-5	28-Jul-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
RP-5	08-Sep-94	<0.100	<0.005	<0.005	<0.100	<0.002	<0.050	<0.0005	NA	0.001	NA	<0.005	NA	NA	
RP-5	28-Feb-95	NA	<0.0005	<0.0005	NA	<0.002	NA	0.001	NA	NA	NA	NA	NA	NA	
RP-5	29-Mar-95	<0.100	<0.005	<0.005	NA	<0.01	NA	<0.005	NA	<0.005	NA	<0.005	NA	NA	#8
RP-5	10-May-95	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
RP-5	09-Aug-95	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
RP-5	17-Nov-95	NA	<0.0005	<0.0005	NA	<0.010	NA	<0.0005	NA	NA	NA	NA	NA	NA	
RP-5	09-Jan-96	<0.100	<0.0005	<0.0005	<0.100	<0.002	<0.050	<0.0005	NA	<0.005	NA	<0.005	NA	NA	
DUP	09-Jan-96	<0.100	<0.0005	<0.0005	<0.100	<0.002	<0.050	<0.0005	NA	<0.005	NA	<0.005	NA	NA	
RP-5	17-Apr-96	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
RP-5	31-Jul-96	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	

TABLE 2
SUMMARY OF HISTORICAL VOLATILE ORGANIC COMPOUNDS (EPA 8240) IN GROUNDWATER MONITORING WELLS
THE SHERWIN-WILLIAMS PLANT
EMERYVILLE, CALIFORNIA
(Results reported in parts per million (ppm))

Well Number	Date Sampled	Acetone	Benzene	Ethyl-Benzene	Methyl Ethyl Ketone	Total Xylenes	2-Hexa-none	Toluene	1,1,1-TCA	1,2-DCA	PCE	TCE	Chloro-benzene	Total Quantified Conc.	Notes
RP-5	19-Nov-96	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
DUP	19-Nov-96	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
RP-5	25-Mar-97	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
DUP	25-Mar-97	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
RP-5	10-Jun-97	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
RP-5	18-Aug-97	NA	<0.0005	<0.0005	NA	<0.002	NA	0.0006	NA	NA	NA	NA	NA	NA	
MW-1	09-Jan-96	<0.100	0.053	0.002	<0.100	0.006	<0.050	0.003	NA	0.052	NA	<0.005	NA	NA	#13 #14
MW-1	17-Apr-96	NA	0.065	0.006	NA	0.007	NA	0.004	NA	NA	NA	NA	NA	NA	
MW-1	31-Jul-96	NA	0.053	0.012	NA	0.014	NA	0.010	NA	NA	NA	NA	NA	NA	
MW-1	19-Nov-96	NA	0.032	0.002	NA	0.005	NA	0.002	NA	NA	NA	NA	NA	NA	
MW-1	25-Mar-97	NA	0.049	0.002	NA	0.005	NA	0.002	NA	NA	NA	NA	NA	NA	
MW-1	10-Jun-97	NA	0.032	0.001	NA	0.003	NA	0.001	NA	NA	NA	NA	NA	NA	
MW-1	18-Aug-97	NA	0.033	0.0014	NA	0.004	NA	0.0015	NA	NA	NA	NA	NA	NA	
MW-2	09-Jan-96	<0.100	0.039	0.001	<0.100	0.002	<0.050	0.001	NA	0.007	NA	<0.005	NA	NA	#15
MW-2	17-Apr-96	NA	0.032	0.008	NA	<0.002	NA	0.001	NA	NA	NA	NA	NA	NA	
MW-2	31-Jul-96	NA	0.042	0.001	NA	<0.002	NA	0.002	NA	NA	NA	NA	NA	NA	
MW-2	19-Nov-96	NA	0.018	0.001	NA	0.004	NA	0.002	NA	NA	NA	NA	NA	NA	
MW-2	25-Mar-97	NA	0.024	0.001	NA	<0.002	NA	0.001	NA	NA	NA	NA	NA	NA	
MW-2	10-Jun-97	NA	0.027	<0.0005	NA	0.002	NA	0.001	NA	NA	NA	NA	NA	NA	
MW-2	18-Aug-97	NA	0.033	<0.0005	NA	<0.002	NA	0.0008	NA	NA	NA	NA	NA	NA	
MW-3	09-Jan-96	<0.100	<0.005	<0.005	<0.100	<0.002	<0.050	<0.005	NA	0.010	NA	0.006	NA	NA	
MW-3	17-Apr-96	NA	<0.005	<0.005	NA	<0.002	NA	<0.005	NA	NA	NA	NA	NA	NA	
MW-3	31-Jul-96	NA	<0.005	<0.005	NA	<0.002	NA	<0.005	NA	NA	NA	NA	NA	NA	
MW-3	19-Nov-96	NA	<0.005	<0.005	NA	0.004	NA	0.001	NA	NA	NA	NA	NA	NA	
MW-3	25-Mar-97	NA	<0.005	<0.005	NA	<0.002	NA	<0.005	NA	NA	NA	NA	NA	NA	
MW-3	10-Jun-97	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
MW-3	18-Aug-97	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	#18
MW-4	10-Jan-96	<0.100	0.002	0.002	<0.100	0.012	<0.050	0.027	NA	<0.005	NA	<0.005	NA	NA	
MW-4	19-Nov-96	NA	0.002	0.002	NA	0.010	NA	0.002	NA	NA	NA	NA	NA	NA	#17
MW-4	18-Aug-97	NA	0.0017	0.0017	NA	0.014	NA	0.0016	NA	NA	NA	NA	NA	NA	
MW-5	10-Jan-96	130.000	0.950	3.000	<100	15.000	<50	100.000	NA	<5	NA	<5	NA	NA	
MW-5	19-Nov-96	NA	0.700	2.100	NA	10.000	NA	120.000	NA	NA	NA	NA	NA	NA	#16
MW-5	18-Aug-97	NA	0.4	1.6	NA	8.1	NA	84	NA	NA	NA	NA	NA	NA	
FIELD BLANKS & TRIP BLANKS															
LF-1-FB	01-Jun-86	0.012	<0.001	<0.001	<0.020	0.004	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.016	
LF-13-FB	06-Dec-89	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.020	
LF-1-FB	07-Dec-89	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.020	
LF-B1-FB	07-Dec-89	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.020	
Trip Blank	07-Dec-89	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.020	
LF-B4-BB	18-Jul-90	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.020	
LF-B4-TB	18-Jul-90	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.020	

TABLE 2
SUMMARY OF HISTORICAL VOLATILE ORGANIC COMPOUNDS (EPA 8240) IN GROUNDWATER MONITORING WELLS
THE SHERWIN-WILLIAMS PLANT
EMERYVILLE, CALIFORNIA
(Results reported in parts per million [ppm])

Well Number	Date Sampled	Acetone	Benzene	Ethyl-Benzene	Methyl Ethyl Ketone	Total Xylenes	2-Hexa-none	Toluene	1,1,1-TCA	1,2-DCA	PCE	TCE	Chloro-benzene	Total Quantified Conc.	Notes
LF-11-BB	19-Jul-90	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.020	
LF-11-TB	19-Jul-90	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.020	
LF-B4-BR	19-Dec-90	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.020	
LF-B3-BR	20-Dec-90	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.020	
LF-8-BR	21-Dec-90	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.020	
LF-8-TB	21-Dec-90	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.020	
LF-B3-BR	19-Jun-91	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
LF-11-BR	20-Jun-91	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
LF-4-TB	24-Jun-91	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
Trip Blank	06-Aug-91	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
LF-B3-BR	08-Jul-92	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
LF-B3-TB	08-Jul-92	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
LF-7-TB	09-Jul-92	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
LF-9-BR	09-Jul-92	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
LF-B4-BR	30-Dec-92	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
LF-B4-TB	30-Dec-92	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
DUP	31-Dec-92	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
LF-11-BR	31-Dec-92	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
LF-B3-BR	08-Jun-93	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
TRIP08	08-Jun-93	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
LF-10-TB	09-Jun-93	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
LF-7-BR	09-Jun-93	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
LF-7-TB	09-Jun-93	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
Trip Blank	03-Jan-94	<0.050	<0.003	<0.005	<0.050	<0.005	<0.030	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	
LF-10-FB	06-Jan-94	<0.050	<0.003	<0.005	<0.050	<0.005	<0.030	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	
RP-3-FB	28-Feb-95	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
RP-3-FB	10-May-95	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
RP-3-FB	09-Aug-95	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
RP-3-FB	17-Nov-95	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
Trip Blank	17-Nov-95	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
RP-5-FB	09-Jan-96	<0.100	<0.0005	<0.0005	<0.100	<0.002	<0.050	<0.0005	NA	<0.005	NA	<0.005	NA	NA	
LF-18-FB	11-Apr-96	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
RP-4-FB	17-Apr-96	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
RP-1-FB	31-Jul-96	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
LF-24-FB	02-Aug-96	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
Trip Blank	19-Nov-96	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
LF-B3-FB	21-Nov-96	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-B4-FB	22-Nov-96	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-B6-FB	25-Nov-96	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-13-FB	17-Mar-97	<0.010	<0.005	<0.005	<0.100	<0.010	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	0.000	
LF-11-FB	18-Mar-97	<0.010	<0.005	<0.005	<0.100	<0.010	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	0.000	
MW-1-FB	25-Mar-97	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
Trip Blank	25-Mar-97	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
RP-5-FB	10-Jun-97	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
LF-18-FB	11-Jun-97	<0.100	<0.005	<0.005	<0.100	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
LF-12-FB	01-Jul-97	<0.100	<0.005	<0.005	NA	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
TripBlank	01-Jul-97	<0.100	<0.005	<0.005	NA	<0.010	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	

TABLE 2
SUMMARY OF HISTORICAL VOLATILE ORGANIC COMPOUNDS (EPA 8240) IN GROUNDWATER MONITORING WELLS
THE SHERWIN-WILLIAMS PLANT
EMERYVILLE, CALIFORNIA
(Results reported in parts per million [ppm])

Well Number	Date Sampled	Acetone	Benzene	Ethyl-Benzene	Methyl Ethyl Ketone	Total Xylenes	2-Hexa-none	Toluene	1,1,1-TCA	1,2-DCA	PCE	TCE	Chloro-benzene	Total Quantified Conc.	Notes
RP-1-FB	18-Aug-97	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	
LF-21-FB	19-Aug-97	<0.1	<0.005	<0.005	<0.1	<0.01	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.000	
MCLS	—	—	0.005	0.700	—	10.000	—	1.000	NA	0.001	NA	0.005	NA	NA	

Data entered by EAG. Data proofed by TH. QA/QC by KJS

Notes:
DUP = Duplicate Sample
1,1,1-TCA = 1,1,1-Trichloroethane
1,2-DCA = 1,2-Dichloroethane
PCE = Tetrachloroethene
TCE = Trichloroethene

#1 LF-B3 6/02/89 - Vinyl Acetate reported at 0.001 ppm, Styrene reported at 0.001 ppm, and Methyl Isobutyl Ketone reported at 0.001 ppm.
#2 LF-1 7/20/90 - cis-Dichloroethene reported at 0.001 ppm.
#3 LF-13 12/19/90 - 1,1-Dichloroethane reported at 0.002 ppm.
#4 LF-4 DUP 06/21/91 - cis-1,2-Dichloroethene reported at 0.020 ppm.
#5 LF-11 6/11/97 -Carbon Disulfide at 0.016 ppm
#6 Concentrations of chemicals detected in LF-B1 may not be representative of B-Zone groundwater quality since LF-B1 is only screened within the aquitard between the A-Zone and B-Zone.
#7 Concentrations of chemicals detected in LF-B5 may not be representative of B-Zone groundwater quality since LF-B5 is only screened within the aquitard between the A-Zone and B-Zone.
#8 Barium detected at 0.04 mg/L, Zinc detected at 0.03 mg/L.
#9 Barium detected at 0.06 mg/L, Lead detected at 0.15 mg/L, Zinc detected at 0.16 mg/L.
#10 Carbon Disulfide detected at 0.015 mg/L, Barium detected at 0.08 mg/L, Zinc detected at 0.03 mg/L.
#11 Barium detected at 0.04 mg/L, Zinc detected at 0.01 mg/L.
#12 Barium detected at 0.18 mg/L, Vanadium 0.015 mg/L, Zinc detected at 0.01 mg/L.
#13 1,2-Dichloropropane at 0.13 ppm.
#14 Vinyl chloride detected at 0.015 ppm.
#15 1,2-Dichloropropane detected at 0.020 ppm.
#16 Lead detected at 0.07 mg/L, Zinc detected at 21 mg/L.
#17 Lead below laboratory detection limit(0.04 mg/L), Zinc detected at 230 mg/L.
18 Chloroform detected at 0.009 mg/L

TABLE 3
SUMMARY OF HISTORICAL TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND GASOLINE IN GROUNDWATER MONITORING WELLS
THE SHERWIN-WILLIAMS PLANT, EMERYVILLE, CALIFORNIA
(Results reported in parts per million [ppm])

Well Number	Date Sampled	Total Petroleum Hydrocarbons As Diesel	Total Petroleum Hydrocarbons As Gasoline	Notes
LF-1	21-Jun-91	<0.050		
LF-1	09-Jul-92	0.110	<0.050	
LF-1	09-Jun-93	0.083		
LF-1	10-Jun-93		<0.050	
LF-1	Destroyed under permit			
LF-3	21-Jun-91	2.000		
LF-3	09-Jul-92	3.000	190.000	
DUP	09-Jul-92	3.300	180.000	
LF-3	10-Jun-93	100	150	#2
DUP	10-Jun-93	110	150	#2
LF-3	16-Apr-96	2.6	87	
LF-3	31-Jul-96	0.64	90	
LF-3	20-Nov-96	9.3	75	
LF-3	19-Mar-97	0.65	61	
LF-3	12-Jun-97	1.1	130	
LF-3	19-Aug-97	0.97	200	
LF-4	21-Jun-91	0.780		
DUP	21-Jun-91	0.510		
LF-4	09-Jul-92	1.200	14.000	
LF-4	09-Jun-93	1.200	2.200	#2
LF-5	06-Aug-91	4.700		
LF-5	09-Jul-92	0.830	69.000	
LF-5	09-Jun-93	2.000	95.000	#2
LF-5	Destroyed or lost during slurry wall and cap construction activities			
LF-7	20-Jun-91	<0.050		
LF-7	09-Jul-92	0.300	0.140	
DUP	09-Jul-92	0.480	0.130	
LF-7	09-Jun-93	0.340	0.110	
DUP	09-Jun-93	0.320	0.100	
LF-7	06-Jan-94	0.540	0.500	
LF-8	20-Jun-91	<0.050		
LF-8	09-Jul-92	0.250	<0.050	
LF-8	30-Dec-92	0.150	0.120	#4
LF-8	09-Jun-93	0.330	<0.050	#4
LF-8	06-Jan-94	1.700	<0.050	
LF-9	21-Jun-91	0.200		
LF-9	09-Jul-92	0.300	0.620	
LF-9	30-Dec-92	0.300	0.510	#4
LF-9	09-Jun-93	0.560	0.430	#4
LF-9	Destroyed or lost during slurry wall and cap construction activities			
LF-10	21-Jun-91	0.270		
LF-10	09-Jul-92	0.420	0.700	
LF-10	31-Dec-92	0.330	0.190	#1
DUP	31-Dec-92	0.370	0.180	#1
LF-10	10-Jun-93	0.470	0.180	
LF-10	06-Jan-94	1.500	0.200	
DUP	06-Jan-94	1.200	0.200	#4

TABLE 3
SUMMARY OF HISTORICAL TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND GASOLINE IN GROUNDWATER MONITORING WELLS
THE SHERWIN-WILLIAMS PLANT, EMERYVILLE, CALIFORNIA
(Results reported in parts per million [ppm])

Well Number	Date Sampled	Total Petroleum Hydrocarbons As Diesel	Total Petroleum Hydrocarbons As Gasoline	Notes
LF-11	19-Jul-90			
LF-11	20-Jun-91	0.130		
DUP	20-Jun-91	0.120		
LF-11	09-Jul-92	0.260	<0.050	
LF-11	31-Dec-92	0.310	0.058	#1
LF-11	09-Jun-93	0.270	<0.050	
LF-11	05-Jan-94	0.800	0.060	
LF-11	16-Apr-96	0.930	<0.05	
LF-11	31-Jul-96	0.580	<0.050	
LF-11	20-Nov-96	1.5	<0.05	
LF-11	18-Mar-97	1.9	0.190	
DUP	18-Mar-97	1.8	<0.05	
LF-11	11-Jun-97	0.41	0.17	
LF-11	19-Aug-97	0.47	0.16	
LF-11	19-Aug-97	0.41	0.15	
LF-12	19-Jun-91	<0.050		
LF-12	08-Jul-92	<0.050	<0.050	
LF-12	30-Dec-92	<0.050	<0.050	
LF-12	08-Jun-93	0.099	<0.050	
LF-12	06-Jan-94	<0.050	<0.050	
LF-12	16-Apr-96	<0.05	<0.05	
LF-12	30-Jul-96	<0.050	<0.050	
LF-12	20-Nov-96	<0.05	<0.05	
LF-12	17-Mar-97	<0.05	<0.05	
LF-12	01-Jul-97	<0.05	<0.05	
LF-12	01-Jul-97	<0.05	<0.05	
LF-12	20-Aug-97	<0.05	<0.05	
LF-13	19-Jun-91	<0.050		
LF-13	08-Jul-92	<0.050	<0.050	
LF-13	30-Dec-92	<0.050	<0.050	
LF-13	08-Jun-93	0.052	<0.050	
LF-13	05-Jan-94	<0.050	<0.050	
LF-13	16-Apr-96	<0.05	<0.05	
LF-13	30-Jul-96	<0.05	<0.05	
DUP	30-Jul-96	<0.05	<0.05	
LF-13	20-Nov-96	<0.05	<0.05	
LF-13	17-Mar-97	<0.05	<0.05	
DUP	17-Mar-97	<0.05	<0.05	
LF-13	12-Jun-97	<0.05	<0.05	
LF-13	19-Aug-97	<0.05	<0.05	
LF-14	20-Jun-91	<0.050		
LF-14	09-Jul-92	0.180	<0.050	
LF-14	31-Dec-92	0.190	0.068	#1
LF-14	09-Jun-93	0.240	<0.050	
LF-14	Destroyed during railway expansion activities			
LF-15	20-Jun-91	<0.050		
LF-15	08-Jul-92	<0.050	<0.050	
LF-15	30-Dec-92	<0.050	<0.050	

TABLE 3
SUMMARY OF HISTORICAL TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND GASOLINE IN GROUNDWATER MONITORING WELLS
THE SHERWIN-WILLIAMS PLANT, EMERYVILLE, CALIFORNIA
(Results reported in parts per million [ppm])

Well Number	Date Sampled	Total Petroleum Hydrocarbons As Diesel	Total Petroleum Hydrocarbons As Gasoline	Notes
LF-15	09-Jun-93	0.098	<0.050	
LF-15	Destroyed during railway expansion activies			
LF-16	20-Jun-91	<0.050		
LF-16	09-Jul-92	0.075	<0.050	
LF-16	30-Dec-92	<0.050	0.050	
LF-16	09-Jun-93	0.083	<0.050	
LF-16	Destroyed under permit			
LF-18	11-Apr-96	0.320	<0.05	
LF-18	30-Jul-96	0.320	<0.05	
LF-18	20-Nov-96	0.50	<0.05	
LF-18	19-Mar-97	0.26	<0.05	
LF-18	11-Jun-97	0.18	<0.05	
Dup	11-Jun-97	0.18	<0.05	
LF-18	19-Aug-97	0.31	<0.05	
LF-19	13-Jun-97	0.60	0.07	
LF-19	19-Aug-97	0.78	0.15	
LF-20	11-Apr-96	0.960	0.230	
LF-20	30-Jul-96	0.560	0.200	
LF-20	21-Nov-96	3.2	0.250	
LF-20	18-Mar-97	0.61	0.200	
LF-20	11-Jun-97	0.54	0.200	
LF-20	19-Aug-97	0.67	0.22	
LF-21	10-Apr-96	2.800	<0.05	
LF-21	31-Jul-96	1.400	0.060	
LF-21	21-Nov-96	2.4	0.060	
LF-21	18-Mar-97	1.7	<0.05	
LF-21	11-Jun-97	0.83	<0.05	
LF-21	19-Aug-97	0.78	<0.05	
LF-23	10-Apr-96	1.700	<0.05	
DUP	10-Apr-96	1.300	<0.05	
LF-23	2-Aug-96	5.600	<0.05	
LF-23	21-Nov-96	1.3	<0.05	
LF-23	18-Mar-97	1.5	<0.05	
LF-23	11-Jun-97	0.41	<0.05	
LF-23	20-Aug-97	0.29	<0.05	
LF-24	11-Apr-96	0.090	<0.05	
LF-24	2-Aug-96	0.160	<0.05	
LF-24	21-Nov-96	0.14	<0.05	
LF-24	18-Mar-97	<0.05	<0.05	
LF-24	11-Jun-97	0.06	<0.05	
LF-24	20-Aug-97	0.06	<0.05	
LF-25	11-Apr-95	0.180	<0.05	
LF-25	2-Aug-96	0.300	<0.05	
LF-25	21-Nov-96	0.31	<0.05	
LF-25	18-Mar-97	0.11	<0.05	

TABLE 3
SUMMARY OF HISTORICAL TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND GASOLINE IN GROUNDWATER MONITORING WELLS
THE SHERWIN-WILLIAMS PLANT, EMERYVILLE, CALIFORNIA
(Results reported in parts per million [ppm])

Well Number	Date Sampled	Total Petroleum Hydrocarbons As Diesel	Total Petroleum Hydrocarbons As Gasoline	Notes
LF-25	11-Jun-97	0.11	<0.05	
LF-25	20-Aug-97	0.13	<0.05	
LF-B1	20-Jun-91	<0.050		#5
LF-B1	08-Jul-92	<0.050	0.180	#5
LF-B1	30-Dec-92	<0.050	0.200	#3,#5
LF-B1	08-Jun-93	0.061	0.180	#3,#5
LF-B1	Destroyed under permit			
LF-B2	21-Jun-91	<0.050		
LF-B2	08-Jul-92	<0.050	<0.050	
LF-B2	08-Jun-93	<0.050	<0.050	
LF-B2	Destroyed or lost during slurry wall and cap construction activities			
LF-B3	19-Jun-91	<0.050		
LF-B3	08-Jul-92	<0.050	0.140	
LF-B3	30-Dec-92	<0.050	0.150	#3
LF-B3	08-Jun-93	0.060	0.090	#3
LF-B3	05-Jan-94	<0.050	<0.050	
LF-B3	16-Apr-96	2.700	<0.050	
LF-B3	01-Aug-96	0.60	<0.050	
LF-B3	21-Nov-96	0.44	<0.05	
DUP	21-Nov-96	0.53	<0.05	
LF-B3	17-Mar-97	0.85	<0.05	
LF-B3	12-Jun-97	0.93	0.06	
LF-B3	20-Aug-97	0.2	0.06	
LF-B4	19-Jun-91	<0.050		
LF-B4	08-Jul-92	<0.050	<0.050	
LF-B4	30-Dec-92	<0.050	0.160	#3
LF-B4	08-Jun-93	0.066	<0.050	#3
LF-B4	05-Jan-94	<0.050	<0.050	
LF-B4	16-Apr-96	<0.05	<0.05	
LF-B4	22-Nov-96	0.16	<0.05	
DUP	22-Nov-96	<0.05	<0.05	
LF-B4	17-Mar-97	<0.05	<0.05	
LF-B4	01-Jul-97	<0.05	<0.05	
LF-B4	20-Aug-97	<0.05	<0.05	
LF-B5	09-Apr-96	0.100	<0.05	#6
LF-B5	01-Aug-96	<0.050	0.150	#6
LF-B5	22-Nov-96	<0.05	0.06	#6
LF-B5	17-Mar-97	<0.05	0.12	#6
LF-B5	12-Jun-97	<0.05	0.09	#6
LF-B5	20-Aug-97	<0.05	0.12	
LF-B6	09-Apr-96	1.000	2.700	
LF-B6	01-Aug-96	0.080	0.380	
LF-B6	25-Nov-96	0.34	0.21	
DUP	25-Nov-96	0.34	0.18	
LF-B6	17-Mar-97	0.14	0.10	
LF-B6	12-Jun-97	0.21	0.2	
LF-B6	19-Aug-97	0.19	0.16	

TABLE 3
SUMMARY OF HISTORICAL TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND GASOLINE IN GROUNDWATER MONITORING WELLS
THE SHERWIN-WILLIAMS PLANT, EMERYVILLE, CALIFORNIA
(Results reported in parts per million [ppm])

Well Number	Date Sampled	Total Petroleum Hydrocarbons As Diesel	Total Petroleum Hydrocarbons As Gasoline	Notes
EX-1	18-Apr-96	4.300	0.420	
EX-1	01-Aug-96	4.100	0.220	
EX-1	18-Dec-96	2.4	3.1	
EX-1	15-Apr-97	0.99	7.1	
EX-1	01-Jul-97	0.94	4.7	
EX-1	22-Sep-97	1.4	0.32	
EX-2	18-Apr-96	1.300	41.000	
EX-2	01-Aug-96	3.700	34.0	
EX-2	18-Dec-96	0.69	45.0	
EX-2	15-Apr-97	0.72	47.0	
EX-2	01-Jul-97	0.64	70.0	
EX-2	22-Sep-97	0.64	39	
EX-3	18-Apr-96	0.430	<0.05	
EX-3	01-Aug-96	0.820	<0.050	
EX-3	18-Dec-96	0.210	<0.050	
EX-3	15-Apr-97	0.090	<0.050	
EX-3	01-Jul-97	0.13	<0.05	
EX-3	22-Sep-97	0.08	<0.05	
RP-1	28-Jul-94	NA	NA	
RP-1	08-Sep-94	1.900	4.400	
RP-1	28-Feb-95	0.300	1.800	
RP-1	29-Mar-95	<0.05	0.780	#10
RP-1	10-May-95	2.600	1.400	
RP-1	09-Aug-95	1.400	1.400	
RP-1	17-Nov-95	1.200	0.960	
RP-1	1 Jan-96	0.800	0.550	
RP-1	17-Apr-96	0.120	0.590	
dup	17-Apr-96	0.150	0.720	
RP-1	31-Jul-96	1.400	1.100	
RP-1	19-Nov-96	0.600	2.300	
RP-1	25-Mar-97	0.680	1.200	
RP-1	10-Jun-97	0.550	0.90	
RP-1	18-Aug-97	1.2	1.4	
RP-2	28-Jul-94	NA	NA	
RP-2	08-Sep-94	0.090	0.400	
dup	08-Sep-94	0.090	0.300	
RP-2	28-Feb-95	0.090	<0.05	
RP-2	29-Mar-95	0.070	0.400	#9
RP-2	10-May-95	<0.05	0.300	
RP-2	09-Aug-95	<0.05	0.200	
RP-2	17-Nov-95	0.100	0.200	
RP-2	10-Jan-96	0.050	0.100	

TABLE 3
SUMMARY OF HISTORICAL TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND GASOLINE
IN GROUNDWATER MONITORING WELLS
THE SHERWIN-WILLIAMS PLANT, EMERYVILLE, CALIFORNIA
(Results reported in parts per million [ppm])

Well Number	Date Sampled	Total Petroleum Hydrocarbons As Diesel	Total Petroleum Hydrocarbons As Gasoline	Notes
RP-2	17-Apr-96	<0.05	0.170	
RP-2	31-Jul-96	<0.05	<0.05	
RP-2	19-Nov-96	<0.05	0.180	
RP-2	25-Mar-97	<0.05	0.200	
RP-2	10-Jun-97	<0.05	0.130	
RP-2	18-Aug-97	<0.05	0.17	
dup	18-Aug-97	<0.05	0.16	
RP-3	28-Jul-94	NA	NA	
RP-3	08-Sep-94	0.100	0.700	
RP-3	28-Feb-95	0.200	1.200	
RP-3	29-Mar-95	0.300	1.900	#11
RP-3	10-May-95	0.100	1.700	
RP-3	09-Aug-95	0.200	1.200	
RP-3	17-Nov-95	0.100	1.100	
RP-3	10-Jan-96	0.100	0.560	
RP-3	17-Apr-96	0.130	0.420	
RP-3	31-Jul-96	0.100	0.390	
RP-3	19-Nov-96	0.070	1.200	
RP-3	25-Mar-97	0.090	0.470	
RP-3	10-Jun-97	0.100	0.530	
RP-3	18-Aug-97	0.09	0.5	
RP-4	28-Jul-94	NA	NA	
RP-4	08-Sep-94	0.100	0.200	
RP-4	28-Feb-95	0.080	0.070	
dup	28-Feb-95	0.070	0.070	
RP-4	29-Mar-95	0.070	0.300	#8
RP-4	10-May-95	<0.05	0.200	
dup	10-May-95	<0.05	0.200	
RP-4	09-Aug-95	<0.05	0.200	
dup	09-Aug-95	<0.05	0.200	
RP-4	17-Nov-95	<0.05	0.100	
dup	17-Nov-95	<0.05	0.300	
RP-4	09-Jan-96	0.050	0.100	
RP-4	17-Apr-96	<0.05	0.140	
RP-4	31-Jul-96	<0.05	0.240	
dup	31-Jul-96	<0.05	0.210	
RP-4	19-Nov-96	<0.05	0.120	
RP-4	25-Mar-97	<0.05	0.190	
RP-4	10-Jun-97	<0.05	0.190	
RP-4	10-Jun-97	<0.05	0.120	
RP-4	18-Aug-97	<0.05	0.07	

TABLE 3
SUMMARY OF HISTORICAL TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND GASOLINE
IN GROUNDWATER MONITORING WELLS
THE SHERWIN-WILLIAMS PLANT, EMERYVILLE, CALIFORNIA
(Results reported in parts per million [ppm])

Well Number	Date Sampled	Total Petroleum Hydrocarbons As Diesel	Total Petroleum Hydrocarbons As Gasoline	Notes
RP-5	28-Jul-94	NA	NA	
RP-5	08-Sep-94	0.090	0.600	
RP-5	28-Feb-95	0.060	0.200	
RP-5	29-Mar-95	<0.05	0.800	#7
RP-5	10-May-95	<0.05	1.100	
RP-5	09-Aug-95	<0.05	0.690	
RP-5	17-Nov-95	<0.05	0.500	
RP-5	09-Jan-96	<0.05	0.200	
dup	09-Jan-96	<0.05	0.200	
RP-5	17-Apr-96	<0.05	0.640	
RP-5	31-Jul-96	<0.05	0.790	
RP-5	19-Nov-96	<0.05	0.410	
dup	19-Nov-96	<0.05	0.530	
RP-5	25-Mar-97	<0.05	0.540	
dup	25-Mar-97	<0.05	0.590	
RP-5	10-Jun-97	<0.05	0.590	
RP-5	18-Aug-97	<0.05	0.67	
MW-1	09-Jan-96	1.300	4.000	#7, #8
MW-1	17-Apr-96	1.700	1.100	
MW-1	31-Jul-96	2.400	12.000	
MW-1	19-Nov-96	0.850	1.500	
MW-1	25-Mar-97	0.990	1.800	
MW-1	10-Jun-97	0.940	1.300	
MW-1	18-Aug-97	0.88	1.6	
MW-2	09-Jan-96	0.900	2.500	#12
MW-2	17-Apr-96	0.620	4.600	
MW-2	31-Jul-96	0.710	3.200	
MW-2	19-Nov-96	0.370	3.200	
MW-2	25-Mar-97	0.520	3.300	
MW-2	10-Jun-97	0.500	1.500	
MW-2	18-Aug-97	0.73	1.8	
MW-3	09-Jan-96	0.200	0.300	
MW-3	17-Apr-96	0.160	0.180	
MW-3	31-Jul-96	9.400	0.420	
MW-3	19-Nov-96	0.470	0.460	
MW-3	25-Mar-97	0.310	<0.05	
MW-3	10-Jun-97	0.070	<0.05	
MW-3	18-Aug-97	0.1	<0.05	

TABLE 3
SUMMARY OF HISTORICAL TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND GASOLINE
IN GROUNDWATER MONITORING WELLS
THE SHERWIN-WILLIAMS PLANT, EMERYVILLE, CALIFORNIA
(Results reported in parts per million [ppm])

Well Number	Date Sampled	Total Petroleum Hydrocarbons As Diesel	Total Petroleum Hydrocarbons As Gasoline	Notes
MW-4	10-Jan-96	0.700	6.300	
MW-4	19-Nov-96	0.700	6.900	#16
MW-4	18-Aug-97	1.1	9.9	
MW-5	10-Jan-96	160.000	5.400	
MW-5	19-Nov-96	180.000	3.700	#15
MW-5	18-Aug-97	120	15	
Field Blanks and Trip Blanks				
LF-24-FB	02-Aug-96	<0.05	<0.05	
TRIP BLANK	20-Nov-96	NA	<0.05	
LF-B3-FB	21-Nov-96	NA	<0.05	
TRIP BLANK	21-Nov-96	NA	<0.05	
LF-B4-FB	22-Nov-96	NA	<0.05	
TRIP BLANK	22-Nov-96	NA	<0.05	
LF-B6-FB	25-Nov-96	NA	<0.05	
LF-B5-FB	17-Mar-97	NA	<0.05	
TRIP BLANK	17-Mar-97	NA	<0.05	
TRIP BLANK	18-Mar-97	NA	<0.05	
LF-13-FB	18-Mar-97	NA	<0.05	
LF-18-FB	11-Jun-97	NA	<0.05	
TRIP BLANK	12-Jun-97	NA	<0.05	
LF-12-FB	01-Jul-97	<0.05	<0.05	
LF-21-FB	19-Aug-97	<0.05	<0.05	
TRIP BLANK	20-Aug-97	NA	<0.05	
RP-3-FB	28-Feb-95	<0.05	<0.05	
RP-3-FB	10-May-95	<0.05	<0.05	
RP-3-FB	09-Aug-95	<0.05	<0.05	
RP-3-FB	17-Nov-95	<0.05	<0.05	
Trip Blank	17-Nov-95	<0.05	NA	
RP-5-FB	09-Jan-96	<0.05	NA	
RP-4-FB	17-Apr-96	<0.05	NA	
RP-1-FB	31-Jul-96	<0.05	<0.05	
Trip Blank	19-Nov-96	<0.05	NA	
Trip Blank	25-Mar-97	<0.05	NA	
MW-1-FB	25-Mar-97	<0.05	NA	
RP-5-FB	10-Jun-97	<0.05	NA	
MCLS	-------	-------	-------	
RP-1-FB	18-Aug-97	<0.05	NA	

Data entered by ELG. Data proofed by TAL QA/QC by AJS

Notes:

Samples analyzed by B&C using Modified EPA Method 8015 for total fuel hydrocarbons.
Samples analyzed by ANA and AEN using EPA Method 3510 for total petroleum hydrocarbons as diesel.

TABLE 3
SUMMARY OF HISTORICAL TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND GASOLINE IN GROUNDWATER MONITORING WELLS THE SHERWIN-WILLIAMS PLANT, EMERYVILLE, CALIFORNIA

(Results reported in parts per million [ppm])

Well Number	Date Sampled	Total Petroleum Hydrocarbons As Diesel	Total Petroleum Hydrocarbons As Gasoline	Notes

Samples analyzed using EPA Method 5030 for total petroleum hydrocarbons as gasoline

#1 - The concentrations reported as diesel by Anametrix for samples LF-10, LF-10DUP, LF-11, and LF-14 are primarily caused by the presence of a heavier petroleum product, possibly motor oil.

#2 - The concentrations reported as diesel by Anametrix for samples LF-3, LF-3DUP, LF-4, and LF-5 are primarily due to the presence of a lighter petroleum product of hydrocarbon range C6-C12, possibly gasoline.

#3 - The concentrations reported as gasoline by Anametrix for samples LF-B1, LF-B2 and LF-B4 are primarily caused by the presence of discrete hydrocarbon peak not indicative of gasoline.

#4 - The concentration reported by Anametrix as gasoline for samples LF-8 and LF-9 are primarily caused by the presence of a heavier petroleum hydrocarbon peak not indicative of gasoline.

#5 - Concentrations of chemicals detected in LF-B1 may not be representative of B-Zone groundwater quality since LF-B1 is only screened within the aquitard between the A-Zone and B-Zone.

#6 - Concentrations of chemicals detected in LF-B5 may not be representative of B-Zone groundwater quality since LF-B5 is only screened within the aquitard between the A-Zone and B-Zone.

#7 - Barium detected at 0.04 mg/L, Zinc detected at 0.03 mg/L.

#8 - Barium detected at 0.06 mg/L, Lead detected at 0.15 mg/L, Zinc detected at 0.16 mg/L.

#9 - Carbon Disulfide detected at 0.015 mg/L, Barium detected at 0.08 mg/L, Zinc detected at 0.03 mg/L.

#10 - Barium detected at 0.04 mg/L, Zinc detected at 0.01 mg/L.

#11 - Barium detected at 0.18 mg/L, Vanadium 0.015 mg/L, Zinc detected at 0.01 mg/L.

#12 - 1,2-Dichloropropane at 0.13 ppm.

#13 - Vinyl chloride detected at 0.015 ppm.

#14 - 1,2-Dichloropropane detected at 0.020 ppm.

#15 - Lead detected at 0.07 mg/L, Zinc detected at 21 mg/L.

#16 - Lead below laboratory detection limit#11 - , Zinc detected at 230 mg/L.

TABLE 4
SUMMARY OF HISTORICAL INORGANIC COMPOUNDS IN GROUNDWATER MONITORING WELLS
THE SHERWIN-WILLIAMS PLANT
EMERYVILLE, CALIFORNIA

(Results reported in parts per million [ppm])

Well Number	Notes	Date Sampled	Arsenic	Barium	Cadmium	Lead	Total Chromium	Mercury	Selenium	Silver
LF-1		01-Jun-89	200.000	NA	<0.0400	<0.300				
LF-1		07-Dec-89	190.000	NA	<0.0400	<0.300				
LF-1		20-Jul-90	120.000	0.060	<0.0500	<0.200				
LF-1		20-Jun-91	58.000	NA	<0.005	<0.004				
LF-1		09-Jul-92	53.200	<0.100	0.058	<0.040	<0.010	<0.00027	<0.005	<0.010
LF-1		10-Jun-93	39.800	<0.100	<0.030	0.0039	<0.010	<0.0002	<0.050	<0.010
LF-1		Destroyed under permit								
LF-3		02-Jun-89	27.000	NA	<0.0400	<0.300				
LF-3		07-Dec-89	30.000	NA	<0.0400	<0.300				
LF-3		20-Jul-90	21.000	0.420	<0.0500	<0.200				
LF-3		20-Jun-91	60.400	NA	<0.005	<0.004				
LF-3		09-Jul-92	70.800	0.473	0.0205	<0.040	<0.010	<0.00027	<0.005	<0.010
DUP		09-Jul-92	66.600	0.452	0.0361	<0.040	<0.010	<0.00027	<0.005	<0.010
LF-3		10-Jun-93	142.000	0.625	<0.100	<0.003	<0.010	<0.0002	<0.050	<0.010
DUP		10-Jun-93	141.000	0.635	<0.100	<0.003	<0.010	<0.0002	<0.050	<0.010
LF-3		16-Apr-96	58.000	NA	NA	<0.002	NA	NA	NA	NA
LF-3		31-Jul-96	72.000	NA	NA	NA	NA	NA	NA	NA
LF-3		20-Nov-96	72.000	NA	NA	NA	NA	NA	NA	NA
LF-3		19-Mar-87	110.000	NA	NA	NA	NA	NA	NA	NA
LF-3		12-Jun-97	180.000	NA	NA	NA	NA	NA	NA	NA
LF-3		19-Aug-97	120	NA	NA	NA	NA	NA	NA	NA
LF-4		02-Jun-89	0.530	NA	<0.0400	<0.300				
DUP		02-Jun-89	0.580	NA	<0.0400	<0.300				
LF-4		06-Dec-89	0.420	NA	<0.0400	<0.300				
DUP		06-Dec-89	0.550	NA	<0.0400	<0.300				
LF-4		20-Jul-90	0.190	0.160	<0.0500	<0.200				
LF-4		20-Jun-91	0.510	NA	<0.005	0.015				
DUP		20-Jun-91	0.493	NA	<0.005	0.010				
LF-4		09-Jul-92	0.367	0.119	<0.005	<0.040	<0.010	<0.00027	<0.025	<0.010
LF-4		09-Jun-93	1.520	0.250	<0.015	<0.003	<0.010	<0.0002	<0.025	<0.010
LF-5		01-Jun-89	0.017	NA	<0.0400	<0.300				
LF-5		06-Dec-89	*<0.070	NA	<0.0400	<0.300				
LF-5		20-Jul-90	0.020	0.170	<0.0500	<0.200				
LF-5		20-Jun-91	0.038	NA	<0.005	0.003				
LF-5		09-Jul-92	<0.010	0.111	<0.005	<0.040	<0.010	<0.00027	<0.005	<0.010

TABLE 4
SUMMARY OF HISTORICAL INORGANIC COMPOUNDS IN GROUNDWATER MONITORING WELLS
THE SHERWIN-WILLIAMS PLANT
EMERYVILLE, CALIFORNIA

(Results reported in parts per million [ppm])

Well Number	Notes	Date Sampled	Arsenic	Barium	Cadmium	Lead	Total Chromium	Mercury	Selenium	Silver
LF-5		09-Jun-93	0.0283	0.257	<0.005	<0.003	<0.010	<0.00027	<0.005	<0.010
LF-5		Destroyed or lost during slurry wall and cap construction activities								
LF-6		01-Jun-89	13.000	NA	0.0900	<0.300				
LF-6		05-Dec-89	16.000	NA	0.0600	<0.300				
LF-6		20-Jul-90	14.000	0.210	<0.0500	<0.200				
LF-6		Sealed August 2, 1990								
LF-7		01-Jun-89	0.008	NA	<0.0400	<0.300				
LF-7		06-Dec-89	*<0.070	NA	<0.0400	<0.300				
LF-7		19-Jul-90	<0.002	0.060	<0.0500	<0.200				
LF-7		20-Jun-91	0.012	NA	<0.005	<0.004				
LF-7		09-Jul-92	<0.010	<0.100	<0.005	<0.040	<0.010	<0.00027	<0.005	<0.010
DUP		09-Jul-92	<0.010	<0.100	<0.005	<0.040	<0.010	<0.00027	<0.005	<0.010
LF-7		09-Jun-93	<0.010	0.191	<0.005	<0.003	<0.010	<0.0002	<0.005	<0.010
DUP		09-Jun-93	<0.010	0.201	<0.005	<0.003	<0.010	<0.0002	<0.005	<0.010
LF-7		06-Jan-94	<0.002	0.07	<0.001	0.001	<0.002	<0.0002	<0.004	<0.001
LF-8		05-Dec-89	*<0.070	NA	<0.0400	<0.300				
LF-8		19-Jul-90	<0.002	0.120	<0.0500	<0.200				
LF-8		21-Dec-90	0.020	0.590	0.0015	<0.200				
LF-8		20-Jun-91	0.021	NA	<0.005	<0.004				
LF-8		09-Jul-92	<0.010	<0.100	<0.005	<0.040	<0.010	<0.00027	<0.005	<0.010
LF-8		30-Dec-92	0.029	0.177	<0.005	<0.040	<0.010	<0.0002	<0.005	<0.010
LF-8		09-Jun-93	0.0384	0.121	<0.005	<0.003	<0.010	<0.0002	<0.005	<0.010
LF-8		06-Jan-94	0.055	0.10	<0.001	<0.001	<0.002	<0.0002	0.005	<0.001
LF-9		05-Dec-89	0.067	NA	<0.0400	<0.300				
LF-9		19-Jul-90	0.008	0.110	<0.0500	<0.200				
LF-9		21-Dec-90	0.120	0.270	0.0029	<0.200				
LF-9		20-Jun-91	0.075	NA	<0.005	0.012				
LF-9		06-Aug-91	0.131	NA	NA	NA				
LF-9		09-Jul-92	<0.010	<0.100	<0.005	<0.040	<0.010	<0.00027	<0.005	<0.010
LF-9		30-Dec-92	0.106	<0.100	<0.005	<0.040	<0.010	<0.0002	<0.005	<0.010
LF-9		09-Jun-93	0.158	0.169	<0.005	<0.003	<0.010	<0.0002	<0.005	<0.010
LF-9		Destroyed or lost during slurry wall and cap construction activities								
LF-10		07-Dec-89	0.650	NA	<0.0400	<0.300				

TABLE 4
SUMMARY OF HISTORICAL INORGANIC COMPOUNDS IN GROUNDWATER MONITORING WELLS
THE SHERWIN-WILLIAMS PLANT
EMERYVILLE, CALIFORNIA

(Results reported in parts per million [ppm])

Well Number	Notes	Date Sampled	Arsenic	Barium	Cadmium	Lead	Total Chromium	Mercury	Selenium	Silver
LF-10		19-Jul-90	0.012	0.110	<0.0500	<0.200				
DUP		19-Jul-90	0.008	0.140	<0.0500	<0.300				
LF-10		21-Dec-90	1.000	0.330	0.0009	<0.200				
DUP		21-Dec-90	1.100	0.350	0.0007	<0.300				
LF-10		20-Jun-91	0.657	NA	<0.005	0.013				
LF-10		06-Aug-91	1.090	NA	NA	NA				
LF-10		09-Jul-92	0.328	<0.100	<0.005	<0.040	<0.010	<0.00027	<0.025	<0.010
LF-10		31-Dec-92	0.550	<0.100	<0.005	<0.040	<0.010	<0.0002	<0.005	<0.010
DUP		31-Dec-92	0.552	<0.100	<0.005	<0.040	<0.010	<0.0002	<0.005	<0.010
LF-10		10-Jun-93	0.958	0.249	<0.005	<0.003	<0.010	<0.0002	<0.050	<0.010
LF-10		06-Jan-94	0.940	0.190	<0.001	<0.001	<0.002	<0.0002	<0.004	0.002
DUP		06-Jan-94	0.820	0.180	<0.001	0.001	<0.002	<0.0002	<0.004	0.002
LF-11		05-Dec-89	*<0.070	NA	<0.0400	<0.300				
LF-11		19-Jul-90	0.007	0.120	<0.0500	<0.200				
LF-11		21-Dec-90	0.011	0.180	0.0006	<0.200				
LF-11		20-Jun-91	0.023	NA	<0.005	0.007				
LF-11		20-Jun-91	0.024	NA	<0.005	0.006				
LF-11		06-Aug-91	0.021	NA	NA	NA				
LF-11		09-Jul-92	<0.010	0.169	<0.005	<0.040	<0.010	<0.00027	<0.005	<0.010
LF-11		31-Dec-92	<0.010	<0.100	<0.005	<0.040	<0.010	<0.0002	<0.005	<0.010
LF-11		09-Jun-93	0.0116	0.152	<0.005	<0.003	<0.010	<0.0002	<0.005	<0.010
LF-11		05-Jan-94	0.019	0.130	<0.001	<0.001	<0.002	<0.0002	<0.004	0.001
LF-11		16-Apr-96	0.048	NA	NA	<0.002	NA	NA	NA	NA
LF-11		31-Jul-96	0.110	NA	NA	NA	NA	NA	NA	NA
LF-11		20-Nov-96	0.45	NA	NA	NA	NA	NA	NA	NA
LF-11		17-Mar-97	1.200	NA	NA	NA	NA	NA	NA	NA
DUP		17-Mar-97	1.200	NA	NA	NA	NA	NA	NA	NA
LF-11		11-Jun-97	0.62	NA	NA	NA	NA	NA	NA	NA
LF-11		19-Aug-97	1.3	NA	NA	NA	NA	NA	NA	NA
DUP		19-Aug-97	1.1	NA	NA	NA	NA	NA	NA	NA
LF-12		06-Dec-89	*<0.070	NA	<0.0400	<0.300				
LF-12		18-Jul-90	0.004	0.060	<0.0500	<0.300				
LF-12		19-Jun-91	<0.010	NA	<0.005	<0.004				
LF-12		08-Jul-92	<0.010	<0.100	<0.005	<0.040	<0.010	<0.00027	<0.005	<0.010
LF-12		30-Dec-92	0.014	<0.100	<0.005	<0.040	<0.010	<0.0002	<0.005	<0.010
LF-12		08-Jun-93	0.0152	<0.100	<0.005	<0.003	<0.010	<0.0002	<0.005	<0.010

TABLE 4
SUMMARY OF HISTORICAL INORGANIC COMPOUNDS IN GROUNDWATER MONITORING WELLS
THE SHERWIN-WILLIAMS PLANT
EMERYVILLE, CALIFORNIA

(Results reported in parts per million [ppm])

Well Number	Notes	Date Sampled	Arsenic	Barium	Cadmium	Lead	Total Chromium	Mercury	Selenium	Silver
LF-12		06-Jan-94	0.013	0.060	<0.001	<0.001	0.006	<0.0002	0.005	<0.001
LF-12		16-Apr-96	0.043	NA	NA	<0.002	NA	NA	NA	NA
LF-12		30-Jul-93	0.006	NA	NA	NA	NA	NA	NA	NA
LF-12		20-Nov-96	0.022	NA	NA	NA	NA	NA	NA	NA
LF-12		17-Mar-97	0.014	NA	NA	NA	NA	NA	NA	NA
LF-12		01-Jul-97	0.014	NA	NA	NA	NA	NA	NA	NA
LF-12		01-Jul-97	0.014	NA	NA	NA	NA	NA	NA	NA
LF-12		20-Aug-97	0.018	NA	NA	NA	NA	NA	NA	NA
LF-13		06-Dec-89	*<0.070	NA	<0.0400	<0.300				
LF-13		18-Jul-90	<0.002	<0.050	<0.0500	<0.200				
LF-13		19-Dec-90	<0.002	0.100	<0.0005	<0.200				
LF-13		19-Jun-91	<0.010	NA	<0.005	<0.004				
LF-13		08-Jul-92	<0.010	<0.100	<0.005	<0.040	<0.010	<0.00027	<0.005	<0.010
LF-13		30-Dec-92	<0.010	<0.100	<0.005	<0.040	<0.010	<0.0002	<0.005	<0.010
LF-13		08-Jun-93	<0.010	<0.100	<0.005	<0.003	<0.010	<0.0002	<0.005	<0.010
LF-13		05-Jan-94	0.003	0.040	<0.005	<0.001	<0.002	<0.0002	<0.004	<0.001
LF-13		16-Apr-96	<0.002	NA	NA	<0.002	NA	NA	NA	NA
LF-13		30-Jul-96	<0.002	NA	NA	NA	NA	NA	NA	NA
DUP		30-Jul-96	<0.002	NA	NA	NA	NA	NA	NA	NA
LF-13		20-Nov-96	<0.002	NA	NA	NA	NA	NA	NA	NA
LF-13		17-Mar-97	<0.002	NA	NA	NA	NA	NA	NA	NA
DUP		17-Mar-97	<0.002	NA	NA	NA	NA	NA	NA	NA
LF-13		12-Jun-97	<0.002	NA	NA	NA	NA	NA	NA	NA
LF-13		19-Aug-97	<0.002	NA	NA	NA	NA	NA	NA	NA
LF-14		04-Sep-90	0.092	0.060	<0.0005	0.007				
LF-14		02-Oct-90	0.077	NA	NA	NA				
LF-14		20-Dec-90	0.150	0.470	0.0036	<0.200				
LF-14		20-Jun-91	0.095	NA	<0.005	<0.004				
LF-14		09-Jul-92	0.039	<0.100	<0.005	<0.040	<0.010	<0.00027	<0.005	<0.010
LF-14		31-Dec-92	0.121	<0.100	<0.005	<0.040	<0.010	<0.0002	<0.005	<0.010
LF-14		09-Jun-93	0.102	<0.100	<0.005	<0.003	<0.010	<0.0002	<0.005	<0.010
LF-14		Destroyed during railway expansion activities								
LF-15		04-Sep-90	0.002	0.060	<0.0005	0.043				
LF-15		20-Dec-90	0.007	0.230	0.0007	<0.200				
LF-15		20-Jun-91	<0.010	NA	<0.005	<0.004				

TABLE 4
SUMMARY OF HISTORICAL INORGANIC COMPOUNDS IN GROUNDWATER MONITORING WELLS
THE SHERWIN-WILLIAMS PLANT
EMERYVILLE, CALIFORNIA

(Results reported in parts per million [ppm])

Well Number	Notes	Date Sampled	Arsenic	Barium	Cadmium	Lead	Total Chromium	Mercury	Selenium	Silver
LF-15		08-Jul-92	<0.010	0.105	<0.005	<0.040	<0.010	<0.00027	<0.005	<0.010
LF-15		30-Dec-92	<0.010	<0.100	<0.005	<0.040	<0.010	<0.0002	<0.005	<0.010
LF-15		09-Jun-93	<0.010	<0.100	<0.005	<0.003	<0.010	<0.0002	<0.005	<0.010
LF-15		Destroyed during railway expansion activities								
LF-16		04-Sep-90	0.003	0.060	<0.0005	<0.002				
LF-16		20-Dec-90	0.003	0.170	0.0007	<0.200				
LF-16		20-Jun-91	0.010	NA	<0.005	<0.004				
LF-16		09-Jul-92	<0.010	<0.100	<0.005	<0.040	<0.010	<0.00027	<0.005	<0.010
LF-16		30-Dec-92	<0.010	<0.100	<0.005	<0.040	<0.010	<0.0002	<0.005	<0.010
LF-16		09-Jun-93	<0.010	<0.100	<0.005	<0.003	<0.010	<0.0002	<0.050	<0.010
LF-16		Destroyed under permit								
LF-18		11-Apr-96	0.012	NA	NA	<0.002	NA	NA	NA	NA
LF-18		30-Jul-96	0.037	NA	NA	NA	NA	NA	NA	NA
LF-18		20-Nov-96	0.043	NA	NA	NA	NA	NA	NA	NA
LF-18		19-Mar-97	0.023	NA	NA	NA	NA	NA	NA	NA
LF-18		11-Jun-97	0.026	NA	NA	NA	NA	NA	NA	NA
Dup		11-Jun-97	0.032	NA	NA	NA	NA	NA	NA	NA
LF-18		19-Aug-97	0.048	NA	NA	NA	NA	NA	NA	NA
LF-19		13-Jun-97	<0.002	NA	NA	NA	NA	NA	NA	NA
LF-19		19-Aug-97	0.007	NA	NA	NA	NA	NA	NA	NA
LF-20		11-Apr-96	<0.002	NA	NA	<0.002	NA	NA	NA	NA
LF-20		30-Jul-96	0.085	NA	NA	NA	NA	NA	NA	NA
LF-20		21-Nov-96	0.120	NA	NA	NA	NA	NA	NA	NA
LF-20		18-Mar-97	0.110	NA	NA	NA	NA	NA	NA	NA
LF-20		11-Jun-97	0.180	NA	NA	NA	NA	NA	NA	NA
LF-20		19-Aug-97	0.18	NA	NA	NA	NA	NA	NA	NA
LF-21		10-Apr-96	<0.002	NA	NA	<0.002	NA	NA	NA	NA
LF-21		31-Jul-96	0.43	NA	NA	NA	NA	NA	NA	NA
LF-21		21-Nov-96	0.38	NA	NA	NA	NA	NA	NA	NA
LF-21		18-Mar-97	0.40	NA	NA	NA	NA	NA	NA	NA
LF-21		11-Jun-97	0.43	NA	NA	NA	NA	NA	NA	NA
LF-21		19-Aug-97	0.53	NA	NA	NA	NA	NA	NA	NA
LF-23		10-Apr-96	<0.002	NA	NA	<0.002	NA	NA	NA	NA

TABLE 4
SUMMARY OF HISTORICAL INORGANIC COMPOUNDS IN GROUNDWATER MONITORING WELLS
THE SHERWIN-WILLIAMS PLANT
EMERYVILLE, CALIFORNIA

(Results reported in parts per million [ppm])

Well Number	Notes	Date Sampled	Arsenic	Barium	Cadmium	Lead	Total Chromium	Mercury	Selenium	Silver
DUP		10-Apr-96	0.004	NA	NA	<0.002	NA	NA	NA	NA
LF-23		02-Aug-96	**0.009	NA	NA	NA	NA	NA	NA	NA
LF-23		21-Nov-96	0.027	NA	NA	NA	NA	NA	NA	NA
LF-23		18-Mar-97	0.010	NA	NA	NA	NA	NA	NA	NA
LF-23		11-Jun-97	0.009	NA	NA	NA	NA	NA	NA	NA
LF-23		20-Aug-97	0.009	NA	NA	NA	NA	NA	NA	NA
LF-24		11-Apr-96	0.005	NA	NA	<0.002	NA	NA	NA	NA
LF-24		02-Aug-96	**0.010	NA	NA	NA	NA	NA	NA	NA
LF-24		21-Nov-96	0.010	NA	NA	NA	NA	NA	NA	NA
LF-24		18-Mar-97	0.006	NA	NA	NA	NA	NA	NA	NA
LF-24		11-Jun-97	0.005	NA	NA	NA	NA	NA	NA	NA
LF-24		20-Aug-97	0.008	NA	NA	NA	NA	NA	NA	NA
LF-25		11-Apr-96	<0.002	NA	NA	<0.002	NA	NA	NA	NA
LF-25		02-Aug-96	0.070	NA	NA	NA	NA	NA	NA	NA
LF-25		21-Nov-96	0.14	NA	NA	NA	NA	NA	NA	NA
LF-25		18-Mar-97	0.13	NA	NA	NA	NA	NA	NA	NA
LF-25		11-Jun-97	0.16	NA	NA	NA	NA	NA	NA	NA
LF-25		20-Aug-97	0.16	NA	NA	NA	NA	NA	NA	NA
LF-B1	(1)	07-Dec-89	*<0.070	NA	<0.0400	<0.300				
LF-B1	(1)	18-Jul-90	0.007	0.08	<0.0500	<0.2				
LF-B1	(1)	20-Dec-90	0.005	0.100	0.0010	<0.200				
LF-B1	(1)	20-Jun-91	<0.010	NA	<0.005	0.004				
LF-B1	(1)	08-Jul-92	<0.010	0.122	<0.005	<0.040	<0.010	<0.00027	<0.005	<0.010
LF-B1	(1)	30-Dec-92	<0.010	<0.100	<0.005	<0.040	<0.010	<0.0002	<0.005	<0.010
LF-B1	(1)	08-Jun-93	<0.010	<0.100	<0.005	<0.003	<0.010	<0.0002	<0.005	<0.010
LF-B1	(1)	Destroyed under permit								
LF-B2		06-Dec-89	*<0.070	NA	<0.0400	<0.300				
LF-B2		18-Jul-90	0.005	0.140	<0.0500	<0.200				
DUP		18-Jul-90	0.004	0.150	<0.0500	<0.200				
LF-B2		19-Dec-90	0.008	0.320	0.0026	<0.200				
LF-B2		20-Jun-91	<0.010	NA	<0.005	0.005				
LF-B2		08-Jul-92	<0.010	0.245	<0.005	<0.040	<0.010	<0.00027	<0.005	<0.010
LF-B2		08-Jun-93	<0.010	0.233	<0.005	<0.003	<0.010	<0.0002	<0.005	<0.010
LF-B2		Destroyed or lost during slurry wall and cap construction activities								

TABLE 4
SUMMARY OF HISTORICAL INORGANIC COMPOUNDS IN GROUNDWATER MONITORING WELLS
THE SHERWIN-WILLIAMS PLANT
EMERYVILLE, CALIFORNIA

(Results reported in parts per million [ppm])

Well Number	Notes	Date Sampled	Arsenic	Barium	Cadmium	Lead	Total Chromium	Mercury	Selenium	Silver
LF-B3		07-Dec-89	*<0.070	NA	<0.0400	<0.300				
LF-B3		18-Jul-90	0.003	0.100	<0.0500	<0.200				
LF-B3		20-Dec-90	0.002	0.160	<0.0005	<0.200				
LF-B3		19-Jun-91	<0.010	NA	<0.005	<0.004				
LF-B3		08-Jul-92	<0.010	0.133	<0.005	<0.040	<0.010	<0.00027	<0.005	<0.010
LF-B3		30-Dec-92	<0.010	0.112	<0.005	<0.040	<0.010	<0.0002	<0.005	<0.010
LF-B3		08-Jun-93	<0.010	<0.100	<0.005	<0.003	<0.010	<0.0002	<0.005	<0.010
LF-B3		05-Jan-94	0.004	0.110	0.0060	<0.001	<0.002	<0.0002	<0.004	<0.001
LF-B3		16-Apr-96	0.036	NA	NA	<0.002	NA	NA	NA	NA
LF-B3		01-Aug-96	0.004	NA	NA	NA	NA	NA	NA	NA
LF-B3		21-Nov-96	0.006	NA	NA	NA	NA	NA	NA	NA
DUP		21-Nov-96	0.004	NA	NA	NA	NA	NA	NA	NA
LF-B3		17-Mar-97	<0.002	NA	NA	NA	NA	NA	NA	NA
LF-B3		12-Jun-97	<0.002	NA	NA	NA	NA	NA	NA	NA
LF-B3		20-Aug-97	0.005	NA	NA	NA	NA	NA	NA	NA
LF-B4		17-Jul-90	0.003	0.080	<0.0500	<0.200				
LF-B4		19-Dec-90	<0.002	0.080	0.0014	<0.200				
LF-B4		19-Jun-91	<0.010	NA	<0.005	<0.004				
LF-B4		08-Jul-92	<0.010	0.140	<0.005	<0.040	<0.010	<0.00027	<0.005	<0.010
LF-B4		30-Dec-92	<0.010	0.110	<0.005	<0.040	<0.010	<0.0002	<0.005	<0.010
LF-B4		08-Jun-93	<0.010	<0.100	<0.005	<0.003	<0.010	<0.0002	<0.005	<0.010
LF-B4		05-Jan-94	0.003	0.070	<0.001	0.001	<0.002	<0.0002	<0.004	<0.001
LF-B4		16-Apr-96	<0.002	NA	NA	<0.002	NA	NA	NA	NA
LF-B4		30-Jul-96	<0.002	NA	NA	NA	NA	NA	NA	NA
LF-B4		22-Nov-96	<0.002	NA	NA	NA	NA	NA	NA	NA
DUP		22-Nov-96	<0.002	NA	NA	NA	NA	NA	NA	NA
LF-B4		17-Mar-97	<0.002	NA	NA	NA	NA	NA	NA	NA
LF-B4		01-Jul-97	<0.002	NA	NA	NA	NA	NA	NA	NA
LF-B4		20-Aug-97	0.005	NA	NA	NA	NA	NA	NA	NA
LF-B5	(2)	09-Apr-96	0.320	NA	NA	<0.002	NA	NA	NA	NA
LF-B5	(2)	01-Aug-96	0.097	NA	NA	NA	NA	NA	NA	NA
LF-B5	(2)	22-Nov-96	0.11	NA	NA	NA	NA	NA	NA	NA
LF-B5	(2)	17-Mar-97	0.11	NA	NA	NA	NA	NA	NA	NA
LF-B5	(2)	12-Jun-97	0.18	NA	NA	NA	NA	NA	NA	NA
LF-B5		20-Aug-97	0.14	NA	NA	NA	NA	NA	NA	NA

TABLE 4
SUMMARY OF HISTORICAL INORGANIC COMPOUNDS IN GROUNDWATER MONITORING WELLS
THE SHERWIN-WILLIAMS PLANT
EMERYVILLE, CALIFORNIA

(Results reported in parts per million [ppm])

Well Number	Notes	Date Sampled	Arsenic	Barium	Cadmium	Lead	Total Chromium	Mercury	Selenium	Silver
LF-B6		09-Apr-96	0.080	NA	NA	<0.002	NA	NA	NA	NA
LF-B6		01-Aug-96	0.033	NA	NA	NA	NA	NA	NA	NA
LF-B6		25-Nov-96	0.027	NA	NA	NA	NA	NA	NA	NA
DUP		25-Nov-96	0.030	NA	NA	NA	NA	NA	NA	NA
LF-B6		17-Mar-97	0.021	NA	NA	NA	NA	NA	NA	NA
LF-B6		12-Jun-97	0.035	NA	NA	NA	NA	NA	NA	NA
LF-B6		19-Aug-97	0.01	NA	NA	NA	NA	NA	NA	NA
EX-1		18-Apr-96	0.002	NA	NA	<0.002	NA	NA	NA	NA
EX-1		01-Aug-96	0.022	NA	NA	NA	NA	NA	NA	NA
EX-1		18-Dec-96	0.015	NA	NA	NA	NA	NA	NA	NA
EX-1		15-Apr-97	0.072	NA	NA	NA	NA	NA	NA	NA
EX-1		01-Jul-97	0.013	NA	NA	NA	NA	NA	NA	NA
EX-1		22-Sep-97	0.028	NA	NA	NA	NA	NA	NA	NA
EX-2		18-Apr-96	9.3	NA	NA	<0.002	NA	NA	NA	NA
EX-2		01-Aug-96	57.0	NA	NA	NA	NA	NA	NA	NA
EX-2		18-Dec-96	34.0	NA	NA	NA	NA	NA	NA	NA
EX-2		15-Apr-97	44.0	NA	NA	NA	NA	NA	NA	NA
EX-2		22-Sep-97	42	NA	NA	NA	NA	NA	NA	NA
EX-3		18-Apr-96	200	NA	NA	<0.002	NA	NA	NA	NA
EX-3		01-Aug-96	170	NA	NA	NA	NA	NA	NA	NA
EX-3		18-Dec-96	270	NA	NA	NA	NA	NA	NA	NA
EX-3		15-Apr-97	220	NA	NA	NA	NA	NA	NA	NA
EX-3		01-Jul-97	0.190	NA	NA	NA	NA	NA	NA	NA
EX-3		22-Sep-97	150	NA	NA	NA	NA	NA	NA	NA
RP-1		28-Jul-94	0.070	NA	NA	NA	NA	NA	NA	NA
RP-1		08-Sep-94	0.080	NA	NA	NA	NA	NA	NA	NA
RP-1		28-Feb-95	0.046	NA	NA	NA	NA	NA	NA	NA
RP-1	(4)	29-Mar-95	0.035	NA	NA	NA	NA	NA	NA	NA
RP-1		10-May-95	0.095	NA	NA	NA	NA	NA	NA	NA
RP-1		09-Aug-95	0.059	NA	NA	NA	NA	NA	NA	NA
RP-1		17-Nov-95	0.086	NA	NA	NA	NA	NA	NA	NA

TABLE 4
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THE SHERWIN-WILLIAMS PLANT
EMERYVILLE, CALIFORNIA

(Results reported in parts per million [ppm])

Well Number	Notes	Date Sampled	Arsenic	Barium	Cadmium	Lead	Total Chromium	Mercury	Selenium	Silver
RP-1		10-Jan-96	0.061	NA	NA	NA	NA	NA	NA	NA
RP-1		17-Apr-96	0.058	NA	NA	NA	NA	NA	NA	NA
DUP		17-Apr-96	0.069	NA	NA	NA	NA	NA	NA	NA
RP-1		31-Jul-96	0.068	NA	NA	NA	NA	NA	NA	NA
RP-1		19-Nov-96	0.041	NA	NA	NA	NA	NA	NA	NA
RP-1		25-Mar-97	0.054	NA	NA	NA	NA	NA	NA	NA
RP-1		10-Jun-97	0.077	NA	NA	NA	NA	NA	NA	NA
RP-1		18-Aug-97	0.047	NA	NA	NA	NA	NA	NA	NA
RP-2		28-Jul-94	0.010	NA	NA	NA	NA	NA	NA	NA
RP-2		08-Sep-94	0.024	NA	NA	NA	NA	NA	NA	NA
DUP		08-Sep-94	0.020	NA	NA	NA	NA	NA	NA	NA
RP-2		28-Feb-95	0.013	NA	NA	NA	NA	NA	NA	NA
RP-2	(3)	29-Mar-95	0.010	NA	NA	NA	NA	NA	NA	NA
RP-2		10-May-95	0.029	NA	NA	NA	NA	NA	NA	NA
RP-2		09-Aug-95	0.010	NA	NA	NA	NA	NA	NA	NA
RP-2		17-Nov-95	0.011	NA	NA	NA	NA	NA	NA	NA
RP-2		10-Jan-96	0.031	NA	NA	NA	NA	NA	NA	NA
RP-2		17-Apr-96	0.010	NA	NA	NA	NA	NA	NA	NA
RP-2		31-Jul-96	0.007	NA	NA	NA	NA	NA	NA	NA
RP-2		19-Nov-96	0.016	NA	NA	NA	NA	NA	NA	NA
RP-2		25-Mar-97	0.012	NA	NA	NA	NA	NA	NA	NA
RP-2		10-Jun-97	0.014	NA	NA	NA	NA	NA	NA	NA
RP-2		18-Aug-97	0.017	NA	NA	NA	NA	NA	NA	NA
DUP		18-Aug-97	0.018	NA	NA	NA	NA	NA	NA	NA
RP-3		28-Jul-94	ND	NA	NA	NA	NA	NA	NA	NA
RP-3		08-Sep-94	0.004	NA	NA	NA	NA	NA	NA	NA
RP-3		28-Feb-95	0.004	NA	NA	NA	NA	NA	NA	NA
RP-3	(5)	29-Mar-95	0.004	NA	NA	NA	NA	NA	NA	NA
RP-3		10-May-95	0.013	NA	NA	NA	NA	NA	NA	NA

TABLE 4
SUMMARY OF HISTORICAL INORGANIC COMPOUNDS IN GROUNDWATER MONITORING WELLS
THE SHERWIN-WILLIAMS PLANT
EMERYVILLE, CALIFORNIA

(Results reported in parts per million [ppm])

Well Number	Notes	Date Sampled	Arsenic	Barium	Cadmium	Lead	Total Chromium	Mercury	Selenium	Silver
RP-3		09-Aug-95	0.003	NA	NA	NA	NA	NA	NA	NA
RP-3		17-Nov-95	0.006	NA	NA	NA	NA	NA	NA	NA
RP-3		10-Jan-96	0.014	NA	NA	NA	NA	NA	NA	NA
RP-3		17-Apr-96	0.006	NA	NA	NA	NA	NA	NA	NA
RP-3		31-Jul-96	0.009	NA	NA	NA	NA	NA	NA	NA
RP-3		19-Nov-96	0.005	NA	NA	NA	NA	NA	NA	NA
RP-3		25-Mar-97	0.004	NA	NA	NA	NA	NA	NA	NA
RP-3		10-Jun-97	0.008	NA	NA	NA	NA	NA	NA	NA
RP-3		18-Aug-97	0.008	NA	NA	NA	NA	NA	NA	NA
RP-4		28-Jul-94	ND	NA	NA	NA	NA	NA	NA	NA
RP-4		08-Sep-94	0.009	NA	NA	NA	NA	NA	NA	NA
RP-4		28-Feb-95	0.007	NA	NA	NA	NA	NA	NA	NA
DUP		28-Feb-95	0.006	NA	NA	NA	NA	NA	NA	NA
RP-4	(2)	29-Mar-95	0.008	NA	NA	NA	NA	NA	NA	NA
RP-4		10-May-95	0.013	NA	NA	NA	NA	NA	NA	NA
DUP		10-May-95	0.011	NA	NA	NA	NA	NA	NA	NA
RP-4		09-Aug-95	0.007	NA	NA	NA	NA	NA	NA	NA
DUP		09-Aug-95	0.007	NA	NA	NA	NA	NA	NA	NA
RP-4		17-Nov-95	0.011	NA	NA	NA	NA	NA	NA	NA
DUP		17-Nov-95	0.011	NA	NA	NA	NA	NA	NA	NA
RP-4		09-Jan-96	0.004	NA	NA	NA	NA	NA	NA	NA
RP-4		17-Apr-96	0.009	NA	NA	NA	NA	NA	NA	NA
RP-4		31-Jul-96	0.005	NA	NA	NA	NA	NA	NA	NA
DUP		31-Jul-96	0.003	NA	NA	NA	NA	NA	NA	NA
RP-4		19-Nov-96	0.009	NA	NA	NA	NA	NA	NA	NA
RP-4		25-Mar-97	0.009	NA	NA	NA	NA	NA	NA	NA
RP-4		10-Jun-97	0.011	NA	NA	NA	NA	NA	NA	NA
RP-4		10-Jun-97	0.009	NA	NA	NA	NA	NA	NA	NA
RP-4		18-Aug-97	0.014	NA	NA	NA	NA	NA	NA	NA

TABLE 4
SUMMARY OF HISTORICAL INORGANIC COMPOUNDS IN GROUNDWATER MONITORING WELLS
THE SHERWIN-WILLIAMS PLANT
EMERYVILLE, CALIFORNIA

(Results reported in parts per million [ppm])

Well Number	Notes	Date Sampled	Arsenic	Barium	Cadmium	Lead	Total Chromium	Mercury	Selenium	Silver
RP-5		28-Jul-94	ND	NA	NA	NA	NA	NA	NA	NA
RP-5		08-Sep-94	0.003	NA	NA	NA	NA	NA	NA	NA
RP-5		28-Feb-95	0.007	NA	NA	NA	NA	NA	NA	NA
RP-5	(1)	29-Mar-95	0.006	NA	NA	NA	NA	NA	NA	NA
RP-5		10-May-95	0.018	NA	NA	NA	NA	NA	NA	NA
RP-5		09-Aug-95	0.003	NA	NA	NA	NA	NA	NA	NA
RP-5		17-Nov-95	0.008	NA	NA	NA	NA	NA	NA	NA
RP-5		09-Jan-96	0.005	NA	NA	NA	NA	NA	NA	NA
DUP		09-Jan-96	0.004	NA	NA	NA	NA	NA	NA	NA
RP-5		17-Apr-96	0.008	NA	NA	NA	NA	NA	NA	NA
RP-5		31-Jul-96	<0.002	NA	NA	NA	NA	NA	NA	NA
RP-5		19-Nov-96	0.007	NA	NA	NA	NA	NA	NA	NA
DUP		19-Nov-96	0.008	NA	NA	NA	NA	NA	NA	NA
RP-5		25-Mar-97	0.006	NA	NA	NA	NA	NA	NA	NA
DUP		25-Mar-97	0.004	NA	NA	NA	NA	NA	NA	NA
RP-5		10-Jun-97	0.006	NA	NA	NA	NA	NA	NA	NA
RP-5		18-Aug-97	0.011	NA	NA	NA	NA	NA	NA	NA
MW-1	(8,9)	09-Jan-96	0.022	NA	NA	NA	NA	NA	NA	NA
MW-1		17-Apr-96	0.034	NA	NA	NA	NA	NA	NA	NA
MW-1		31-Jul-96	0.037	NA	NA	NA	NA	NA	NA	NA
MW-1		19-Nov-96	0.071	NA	NA	NA	NA	NA	NA	NA
MW-1		25-Mar-97	0.042	NA	NA	NA	NA	NA	NA	NA
MW-1		10-Jun-97	0.050	NA	NA	NA	NA	NA	NA	NA
MW-1		18-Aug-97	0.077	NA	NA	NA	NA	NA	NA	NA
MW-2	(10)	09-Jan-96	0.016	NA	NA	NA	NA	NA	NA	NA
MW-2		17-Apr-96	0.028	NA	NA	NA	NA	NA	NA	NA
MW-2		31-Jul-96	0.037	NA	NA	NA	NA	NA	NA	NA
MW-2		19-Nov-96	0.041	NA	NA	NA	NA	NA	NA	NA
MW-2		25-Mar-97	0.038	NA	NA	NA	NA	NA	NA	NA

TABLE 4
SUMMARY OF HISTORICAL INORGANIC COMPOUNDS IN GROUNDWATER MONITORING WELLS
THE SHERWIN-WILLIAMS PLANT
EMERYVILLE, CALIFORNIA

(Results reported in parts per million [ppm])

Well Number	Notes	Date Sampled	Arsenic	Barium	Cadmium	Lead	Total Chromium	Mercury	Selenium	Silver
MW-2		10-Jun-97	0.039	NA	NA	NA	NA	NA	NA	NA
MW-2		18-Aug-97	0.038	NA	NA	NA	NA	NA	NA	NA
MW-3		09-Jan-96	0.015	NA	NA	NA	NA	NA	NA	NA
MW-3		17-Apr-96	0.018	NA	NA	NA	NA	NA	NA	NA
MW-3		31-Jul-96	0.059	NA	NA	NA	NA	NA	NA	NA
MW-3		19-Nov-96	0.048	NA	NA	NA	NA	NA	NA	NA
MW-3		25-Mar-97	0.019	NA	NA	NA	NA	NA	NA	NA
MW-3		10-Jun-97	0.027	NA	NA	NA	NA	NA	NA	NA
MW-3		18-Aug-97	0.027	NA	NA	NA	NA	NA	NA	NA
MW-4		10-Jan-96	15.000	NA	NA	NA	NA	NA	NA	NA
MW-4	(12)	19-Nov-96	3.100	NA	NA	NA	NA	NA	NA	NA
MW-4		18-Aug-97	120.00	NA	NA	NA	NA	NA	NA	NA
MW-5		10-Jan-96	79.000	NA	NA	NA	NA	NA	NA	NA
MW-5	(11)	19-Nov-96	192.000	NA	NA	NA	NA	NA	NA	NA
MW-5		18-Aug-97	310.00	NA	NA	NA	NA	NA	NA	NA
FIELD & TRIP BLANKS										
LF-1-FB		01-Jun-89	0.012	NA	<0.0400	<0.300				
LF-1-FB		07-Dec-89	0.003	NA	<0.0400	<0.300				
LF-B1-FB		07-Dec-89	0.014	NA	<0.0400	<0.300				
Trip Blank		07-Dec-89	0.013	NA	<0.0400	<0.300				
LF-B4-TB		18-Jul-90	<0.002	NA	<0.0500	<0.200				
LF-B4-BB		18-Jul-90	<0.002	NA	<0.0500	<0.200				
LF-11-TB		19-Jul-90	<0.002	NA	<0.0500	0.200				
LF-11-BB		19-Jul-90	<0.002	NA	<0.0500	<0.200				
LF-5- TB		20-Jul-90	0.002	NA	<0.0500	<0.200				
LF-16-TB		04-Sep-90	<0.002	NA	<0.0005	0.005				
LF-B4-TB		19-Dec-90	<0.002	<0.050	<0.0005	<0.200				
LF-B4-BB		19-Dec-90	<0.002	<0.050	<0.0005	<0.200				
LF-B3-TB		20-Dec-90	<0.002	<0.050	<0.0005	<0.200				

TABLE 4
SUMMARY OF HISTORICAL INORGANIC COMPOUNDS IN GROUNDWATER MONITORING WELLS
THE SHERWIN-WILLIAMS PLANT
EMERYVILLE, CALIFORNIA

(Results reported in parts per million [ppm])

Well Number	Notes	Date Sampled	Arsenic	Barium	Cadmium	Lead	Total Chromium	Mercury	Selenium	Silver
LF-B3-BR		20-Dec-90	<0.002	<0.050	<0.0005	<0.200				
LF-8-TB		21-Dec-90	<0.002	<0.050	<0.0005	<0.200				
LF-8-BR		21-Dec-90	<0.002	<0.050	<0.0005	<0.200				
LF-B3-BR		19-Jun-91	<0.010	NA	<0.005	<0.004				
LF-B4-TB		19-Jun-91	<0.010	NA	<0.005	<0.004				
LF-4-TB		20-Jun-91	<0.010	NA	<0.005	<0.004				
LF-11-TB		20-Jun-91	<0.010	NA	<0.005	<0.004				
LF-11-BR		20-Jun-91	<0.010	NA	<0.005	<0.004				
Trip Blank		06-Aug-91	<0.010	NA	NA	<0.003				
LF-B3-TB		08-Jul-92	<0.010	<0.100	<0.005	<0.040	<0.010	<0.00027	<0.005	<0.010
LF-7-TB		09-Jul-92	<0.010	<0.100	<0.005	<0.040	<0.010	<0.00027	<0.005	<0.010
LF-3-TB		09-Jul-92	<0.010	<0.100	<0.005	<0.040	<0.010	<0.00027	<0.005	<0.010
LF-B4-TB		30-Dec-92	<0.010	<0.100	<0.005	<0.040	<0.010	<0.0002	<0.005	<0.010
LF-B4-BR		30-Dec-92	<0.010	<0.100	<0.005	<0.040	<0.010	<0.0002	<0.005	<0.010
LF-7-TB		09-Jun-93	<0.010	<0.100	<0.005	<0.003	<0.010	<0.0002	<0.005	<0.010
LF-10-FB		10-Jun-93	<0.100	<0.100	<0.005	<0.003	<0.010	<0.0002	<0.005	<0.010
Trip Blank		08-Jun-93	<0.010	<0.100	<0.005	<0.003	<0.010	<0.0002	<0.005	<0.010
LF-10-FB		06-Jan-94	<0.002	<0.01	<0.001	<0.001	<0.01	<0.0002	<0.004	<0.001
LF-24-FB		02-Aug-96	0.004	NA	NA	NA	NA	NA	NA	NA
LF-B3-FB		21-Nov-96	<0.002	NA	NA	NA	NA	NA	NA	NA
Trip Blank		21-Nov-96	<0.05	NA	NA	NA	NA	NA	NA	NA
LF-B4-FB		22-Nov-96	<0.002	NA	NA	NA	NA	NA	NA	NA
LF-B6-FB		25-Nov-96	<0.002	NA	NA	NA	NA	NA	NA	NA
LF-13-FB		17-Mar-97	<0.002	NA	NA	NA	NA	NA	NA	NA
LF-11-FB		18-Mar-97	<0.002	NA	NA	NA	NA	NA	NA	NA
LF-18-FB		11-Jun-97	<0.002	NA	NA	NA	NA	NA	NA	NA
LF-12-FB		01-Jul-97	<0.002	NA	NA	NA	NA	NA	NA	NA
LF-21-FB		19-Aug-97	<0.002	NA	NA	NA	NA	NA	NA	NA
RP-3-FB		28-Feb-95	<0.002	NA	NA	NA	NA	NA	NA	NA
RP-3-FB		10-May-95	<0.002	NA	NA	NA	NA	NA	NA	NA
RP-3-FB		09-Aug-95	<0.002	NA	NA	NA	NA	NA	NA	NA
RP-3-FB		17-Nov-95	<0.002	NA	NA	NA	NA	NA	NA	NA
Trip Blank		17-Nov-95	NA	NA	NA	NA	NA	NA	NA	NA
RP-5-FB		09-Jan-96	<0.002	NA	NA	NA	NA	NA	NA	NA
RP-4-FB		17-Apr-96	NA	NA	NA	NA	NA	NA	NA	NA
RP-1-FB		31-Jul-96	<0.002	NA	NA	NA	NA	NA	NA	NA
Trip Blank		19-Nov-96	NA	NA	NA	NA	NA	NA	NA	NA
Trip Blank		25-Mar-97	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 4
SUMMARY OF HISTORICAL INORGANIC COMPOUNDS IN GROUNDWATER MONITORING WELLS
THE SHERWIN-WILLIAMS PLANT
EMERYVILLE, CALIFORNIA

(Results reported in parts per million [ppm])

Well Number	Notes	Date Sampled	Arsenic	Barium	Cadmium	Lead	Total Chromium	Mercury	Selenium	Silver
MW-1-FB		25-Mar-97	<0.002	NA	NA	NA	NA	NA	NA	NA
RP-5-FB		10-Jun-97	0.003	NA	NA	NA	NA	NA	NA	NA
MCLS		——	0.050	NA	NA	NA	NA	NA	NA	NA
RP-1-FB		18-Aug-97	<0.002	NA	NA	NA	NA	NA	NA	NA

Data entered by _____. Proofed by _____.

Notes :

* = Data not validated based on positive results of trip blank (0.014 ppm) or bailer rinsate blank (0.013 ppm) of submitted samples. Detection Limit for arsenic for December 1989 sampling period set at 0.070 or 5 times the reported value of 0.014 ppm for trip blank sample.

** = Data not validatd based on positive results of bailer rinstate blank (0.004 ppm) of submitted samples.

#1 Concentrations of chemicals detected in LF-B1 may not be representative of B-Zone groundwater quality since LF-B1 is only screened within the aquitard between the A-Zone and B-Zone.

#2 Concentrations of chemicals detected in LF-B5 may not be representative of B-Zone groundwater quality since LF-B5 is only screened within the aquitard between the A-Zone and B-Zone.

#3 Barium detected at 0.04 mg/L, Zinc detected at 0.03 mg/L.

#4 Barium detected at 0.06 mg/L, Lead detected at 0.15 mg/L, Zinc detected at 0.16 mg/L.

#5 Carbon Disulfide detected at 0.015 mg/L, Barium detected at 0.08 mg/L, Zinc detected at 0.03 mg/L.

#6 Barium detected at 0.04 mg/L, Zinc detected at 0.01 mg/L.

#7 Barium detected at 0.18 mg/L, Vanadium 0.015 mg/L, Zinc detected at 0.01 mg/L.

#8 1,2-Dichloropropane at 0.13 ppm.

#9 Vinyl chloride detected at 0.015 ppm.

#10 1,2-Dichloropropane detected at 0.020 ppm.

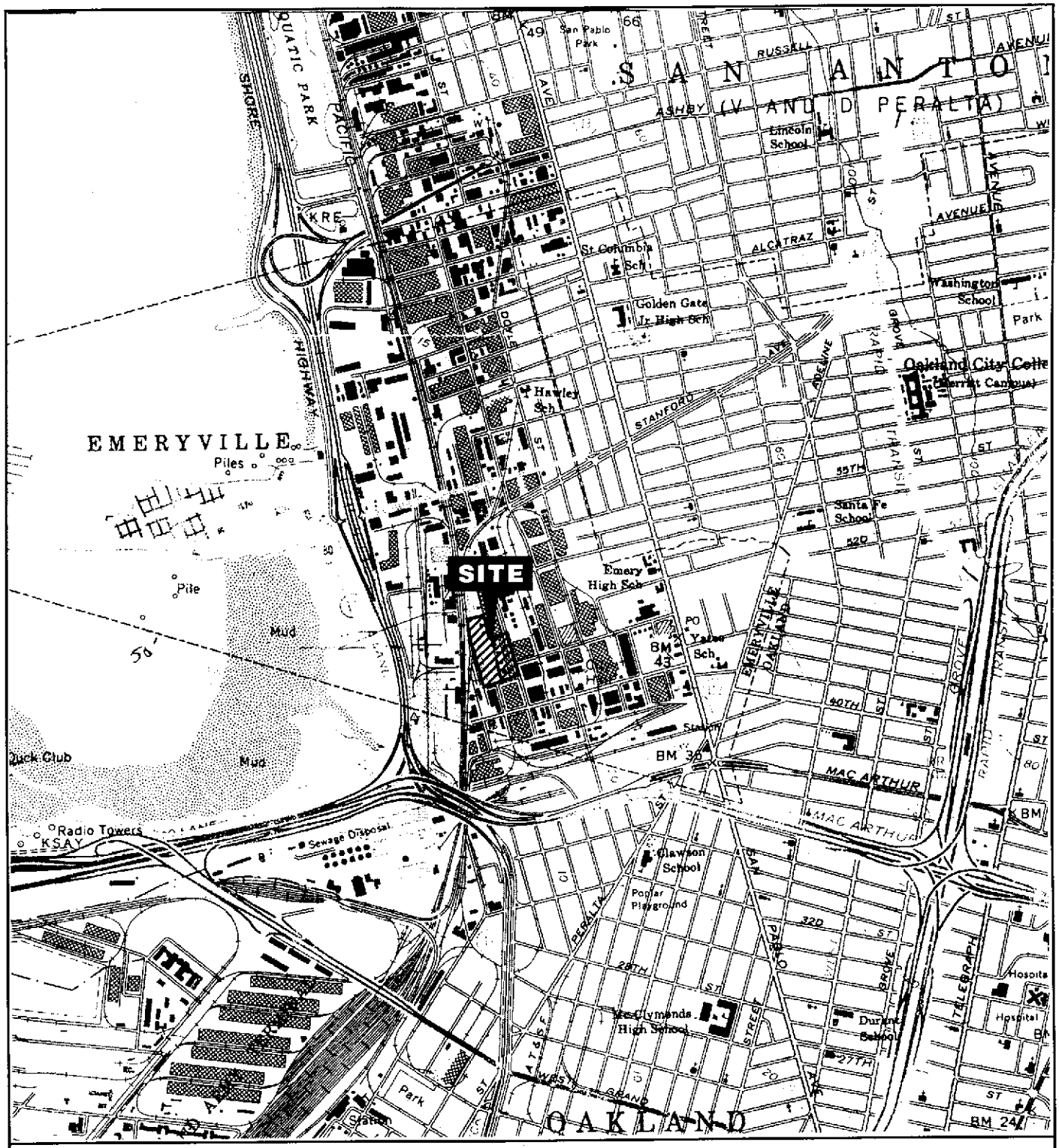
#11 Lead detected at 0.07 mg/L, Zinc detected at 21 mg/L.

#12 Lead below laboratory detection limit(0.04 mg/L), Zinc detected at 230 mg/L.

NA = Not Analyzed

200/7000 = EPA Method 200/6000/7000 Series for selected metals.

Results of analyses for other inorganic compounds as metals that are not part of the annual and semiannual self-monitoring program for 1992 and 1993 are reported in Levine*Fricke, April 4, 1990, Table 10 and Levine*Fricke, December 20, 1991, Table 5.



Map Source:
U.S.G.S. Oakland West Quadrangle,
Oakland West, California
7.5 Minute Series

0 1/2 1 MILE

SHERWIN-WILLIAMS

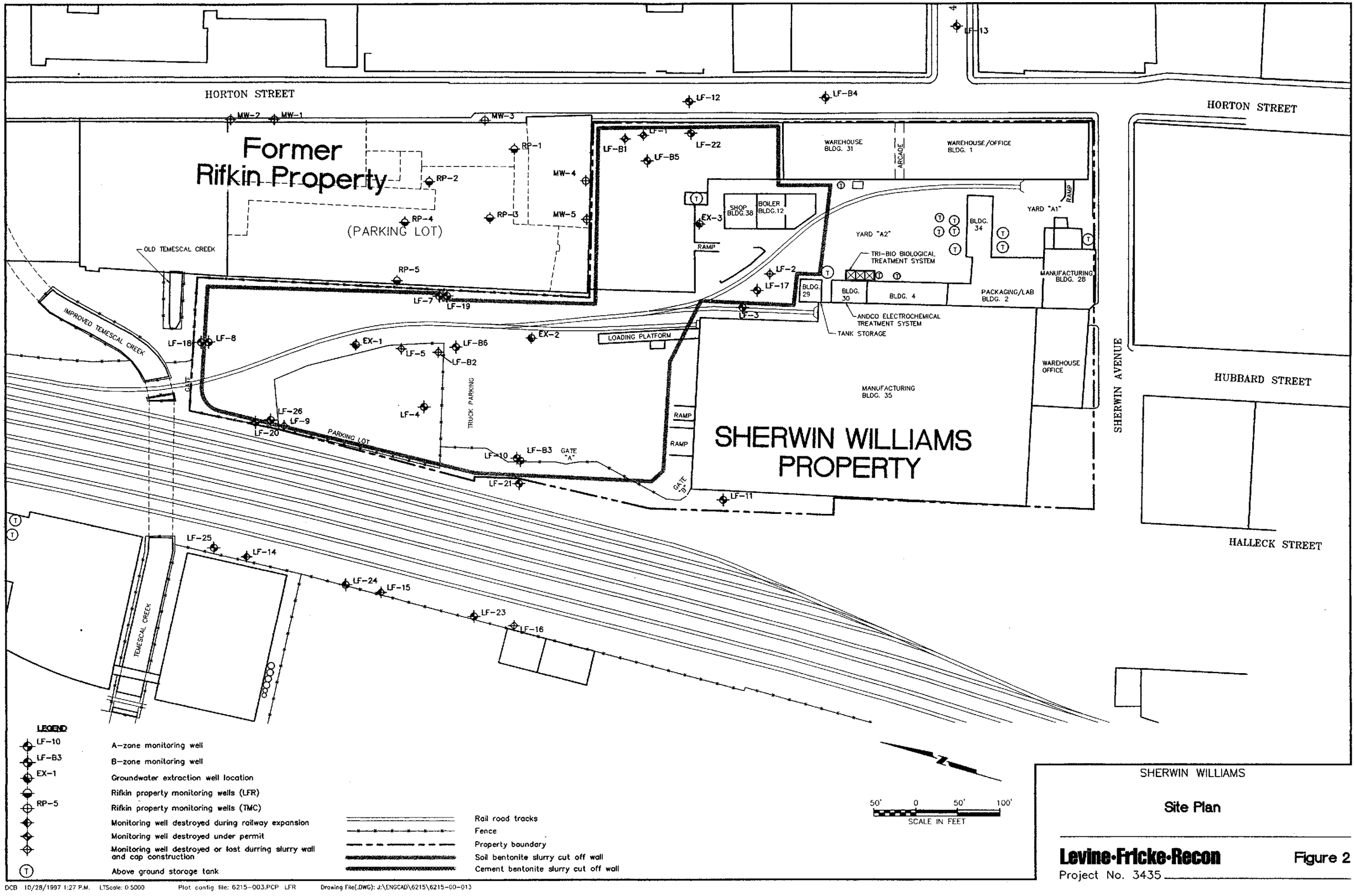
Site Location Map

Levine-Fricke-Recon

Figure 1

Project No. 3435

3435SV01.CDR 102496RYL:KAG



SHERWIN WILLIAMS

Site Plan

Levine-Fricke-Recon Figure 2

Project No. 3435

DCB 10/28/1997 1:27 P.M. LTScale: 0.5000 Plot config file: 6215-003.PCP LFR Drawing File(.DWG): J:\ENGCAD\6215\6215-00-013

HORTON STREET

6.17 MW-2 6.22 MW-1

Former Rifkin Property

(PARKING LOT)

OLD TEMESCAL CREEK

IMPROVED TEMESCAL CREEK

CREEK

GATE

RAMP

LOADING PLATFORM

GATE "A"

GATE "B"

SHERWIN WILLIAMS PROPERTY

SHERWIN WILLIAMS

MANUFACTURING BLDG. 35

WAREHOUSE BLDG. 31

ARCADE

WAREHOUSE/OFFICE BLDG. 1

SHOP BLDG.38

BOILER BLDG.12

BLDG. 34

YARD "A1"

YARD "A2"

TRI-BIO BIOLOGICAL TREATMENT SYSTEM

BLDG. 29

BLDG. 30

BLDG. 4

PACKAGING/LAB BLDG. 2

MANUFACTURING BLDG. 28

ANDCO ELECTROCHEMICAL TREATMENT SYSTEM

TANK STORAGE

WAREHOUSE OFFICE

SHERWIN AVENUE

RP-1 6.68
RP-2 6.50
RP-3 6.59
RP-4 6.41
RP-5 6.40
MW-3 6.67
MW-4 7.77
MW-5 7.13
LF-1
LF-2
LF-3 6.29
LF-4 6.16
LF-5
LF-7 6.22
LF-8 5.66
LF-9
LF-10 6.34
LF-11 5.42
LF-12 7.95
LF-13 8.02
LF-14
LF-15
LF-17 8.53
LF-18 4.74
LF-19 6.49
LF-20 3.86
LF-21 4.95
LF-22 9.15
LF-23 4.74
LF-24 4.07
LF-25 3.45
LF-26 5.29
LF-B1
LF-B2
LF-B3
LF-B4 7.80
LF-B5
LF-B6
EX-2 6.28
EX-3 8.75
EX-15.74

6.0 6.5 7.0 7.5 8.0 5.5 9.0 8.5 4.0 4.5 5.0

40' 0 40' 80'
SCALE IN FEET

Chain link fence
Property line
Slurry wall
7.0 Groundwater elevation contour (feet above mean sea level); dashed where inferred
5.29 Groundwater elevation (feet above mean sea level)

LF-10 A-zone monitoring well
LF-B3 B-zone monitoring well
EX-1 Groundwater extraction well location Monitoring well destroyed under permit
RP-1 Rifkin property monitoring wells (TMC)
MW-4 Rifkin property monitoring wells (LFR)

Monitoring well destroyed or lost during slurry wall and cap construction activities
Monitoring well destroyed during railway expansion activities
Monitoring well destroyed under permit

SHERWIN WILLIAMS

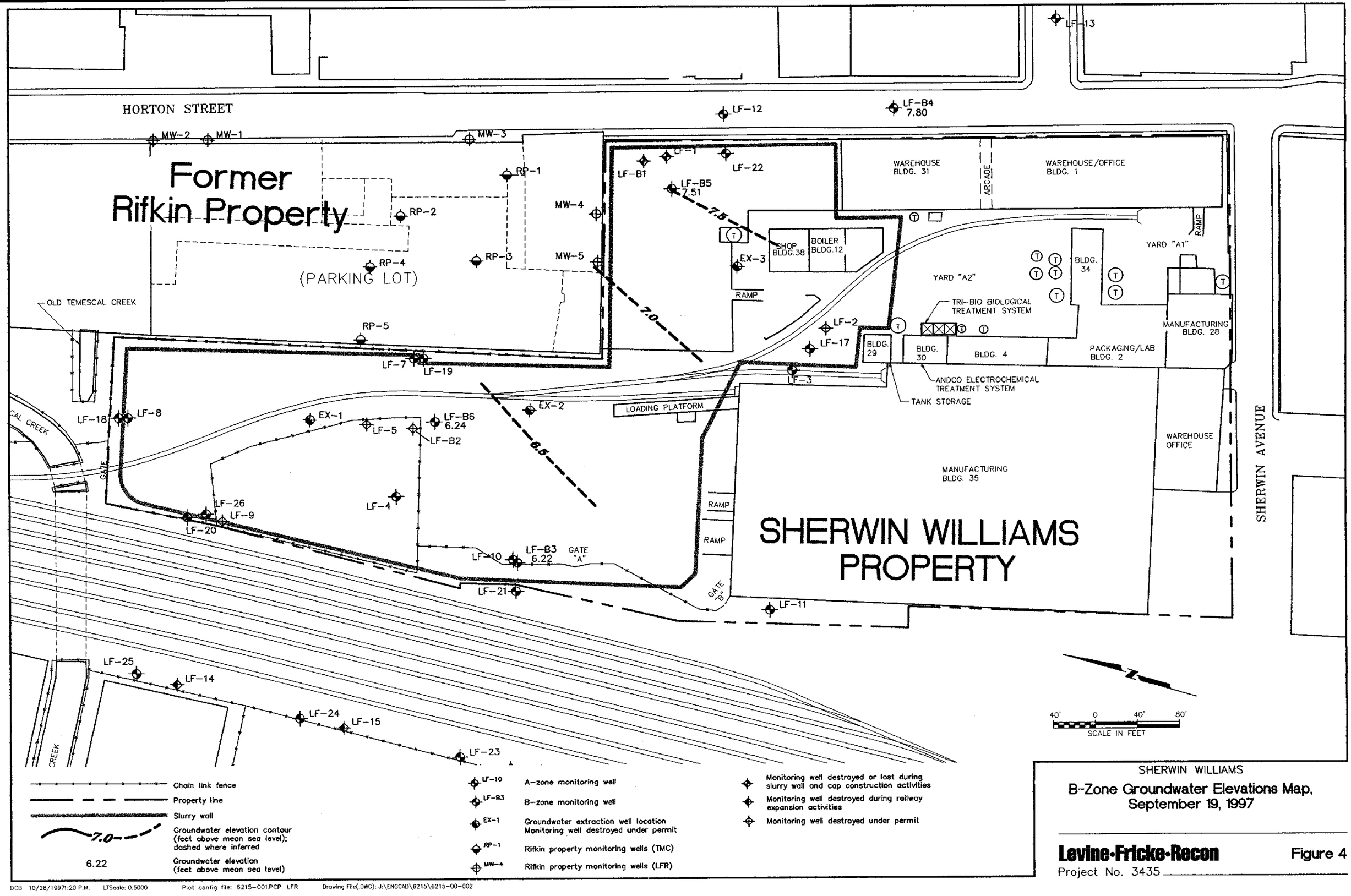
A-Zone Groundwater Elevation Map, September 19, 1997

Levine-Fricke-Recon

Figure 3

Project No. 3435

DCB 10/28/19971:21 P.M. LTScale: 0.5000 Plot config file: 6215-001.PCP LFR Drawing File(.DWG): J:\ENGCAD\6215\6215-00-003



SHERWIN WILLIAMS

B-Zone Groundwater Elevations Map, September 19, 1997

Levine-Fricke-Recon Figure 4

Project No. 3435

DCB 10/28/19971:20 P.M. LTScale: 0.5000 Plot config file: 6215-001.PCP LFR Drawing File(.DWG): J:\ENGCAD\6215\6215-00-002

Rifkin Property

(PARKING LOT)

SHERWIN WILLIAMS PROPERTY

HORTON STREET

HUBBARD STREET

HALLECK STREET

SHERWIN AVENUE

OLD TEMESCAL CREEK

IMPROVED TEMESCAL CREEK

TEMESCAL CREEK

WAREHOUSE BLDG. 31

WAREHOUSE/OFFICE BLDG. 1

ARCADE

RAMP

YARD "A1"

YARD "A2"

SHOP BLDG.38

BOILER BLDG.12

BLDG. 34

TRI-BIO BIOLOGICAL TREATMENT SYSTEM

BLDG. 29

BLDG. 30

BLDG. 4

PACKAGING/LAB BLDG. 2

MANUFACTURING BLDG. 28

ANDCO ELECTROCHEMICAL TREATMENT SYSTEM

TANK STORAGE

WAREHOUSE OFFICE

MANUFACTURING BLDG. 35

GATE "A"

GATE "B"

ORM

LF-1		LF-2		LF-3		LF-4		LF-5	
<0.1	Ace	<0.1	Ace	<100	Ace	<0.1	Ace	<0.1	Ace
<0.005	B	<0.005	B	<5	B	<0.005	B	<0.005	B
<0.005	E	<0.005	E	6	E	<0.005	E	<0.005	E
<0.01	X	<0.01	X	31	X	<0.01	X	0.21	X
<0.05	2H	<0.05	2H	<50	2H	<0.05	2H	<0.05	2H
<0.005	T	<0.005	T	91	T	<0.005	T	<0.005	T
<0.005	1,1,1-TCA	<0.005	1,1,1-TCA	<5	1,1,1-TCA	<0.005	1,1,1-TCA	<0.005	1,1,1-TCA
<0.005	1,2-DCA	<0.005	1,2-DCA	<5	1,2-DCA	<0.005	1,2-DCA	<0.005	1,2-DCA
<0.005	PCE	<0.005	PCE	<5	PCE	<0.005	PCE	<0.005	PCE
<0.005	TCE	<0.005	TCE	<5	TCE	<0.005	TCE	<0.005	TCE
<0.005	CB	<0.005	CB	<5	CB	<0.005	CB	<0.005	CB
<0.01	CD	<0.01	CD	<10	CD	<0.01	CD	<0.01	CD

LF-6		LF-7		LF-8		LF-9		LF-10	
NA	Ace	<0.0005	B	<0.1	Ace	<0.1	Ace	<0.1	Ace
<0.0005	B	<0.0005	E	<0.005	B	<0.005	B	<0.005	B
<0.0005	E	0.0041	X	<0.005	E	<0.005	E	<0.005	E
<0.002	X	<0.0005	T	<0.01	X	<0.01	X	<0.01	X
NA	2H			<0.05	2H	<0.05	2H	<0.05	2H
0.0006	T			<0.005	T	<0.005	T	<0.005	T
NA	1,1,1-TCA			<0.005	1,1,1-TCA	<0.005	1,1,1-TCA	<0.005	1,1,1-TCA
NA	1,2-DCA			<0.005	1,2-DCA	<0.005	1,2-DCA	<0.005	1,2-DCA
NA	PCE			<0.005	PCE	<0.005	PCE	<0.005	PCE
NA	TCE			<0.005	TCE	<0.005	TCE	<0.005	TCE
NA	CB			<0.005	CB	<0.005	CB	<0.005	CB
NA	CD			<0.01	CD	<0.01	CD	<0.01	CD

LF-11		LF-12		LF-13		LF-14		LF-15	
<0.1/<0.1	Ace	<0.1	Ace	<0.1	Ace	<0.1	Ace	<0.1	Ace
<0.005/<0.005	B	<0.005	B	<0.005	B	<0.005	B	<0.005	B
<0.005/<0.005	E	<0.005	E	<0.005	E	<0.005	E	<0.005	E
<0.01/<0.01	X	<0.01	X	<0.01	X	<0.01	X	<0.01	X
<0.05/<0.05	2H	<0.05	2H	<0.05	2H	<0.05	2H	<0.05	2H
<0.005/<0.005	T	<0.005	T	<0.005	T	<0.005	T	<0.005	T
<0.005/<0.005	1,1,1-TCA	<0.005	1,1,1-TCA	<0.005	1,1,1-TCA	<0.005	1,1,1-TCA	<0.005	1,1,1-TCA
<0.005/<0.005	1,2-DCA	<0.005	1,2-DCA	<0.005	1,2-DCA	<0.005	1,2-DCA	<0.005	1,2-DCA
<0.005/<0.005	PCE	<0.005	PCE	<0.005	PCE	<0.005	PCE	<0.005	PCE
<0.005/<0.005	TCE	<0.005	TCE	<0.005	TCE	<0.005	TCE	<0.005	TCE
<0.005/<0.005	CB	<0.005	CB	<0.005	CB	<0.005	CB	<0.005	CB
<0.01/<0.01	CD	<0.01	CD	<0.01	CD	<0.01	CD	<0.01	CD

LF-16		LF-17		LF-18		LF-19		LF-20	
<0.1	Ace	<0.1	Ace	<0.1	Ace	<0.1	Ace	<0.1	Ace
<0.005	B	<0.005	B	<0.005	B	<0.005	B	<0.005	B
<0.005	E	<0.005	E	<0.005	E	<0.005	E	<0.005	E
<0.01	X	<0.01	X	<0.01	X	<0.01	X	<0.01	X
<0.05	2H	<0.05	2H	<0.05	2H	<0.05	2H	<0.05	2H
<0.005	T	<0.005	T	<0.005	T	<0.005	T	<0.005	T
<0.005	1,1,1-TCA	<0.005	1,1,1-TCA	<0.005	1,1,1-TCA	<0.005	1,1,1-TCA	<0.005	1,1,1-TCA
<0.005	1,2-DCA	<0.005	1,2-DCA	<0.005	1,2-DCA	<0.005	1,2-DCA	<0.005	1,2-DCA
<0.005	PCE	<0.005	PCE	<0.005	PCE	<0.005	PCE	<0.005	PCE
<0.005	TCE	<0.005	TCE	<0.005	TCE	<0.005	TCE	<0.005	TCE
<0.005	CB	<0.005	CB	<0.005	CB	<0.005	CB	<0.005	CB
<0.01	CD	<0.01	CD	<0.01	CD	<0.01	CD	<0.01	CD

LF-21		LF-22		LF-23		LF-24		LF-25	
<0.1	Ace	<0.1	Ace	<0.1	Ace	<0.1	Ace	<0.1	Ace
<0.005	B	<0.005	B	<0.005	B	<0.005	B	<0.005	B
<0.005	E	<0.005	E	<0.005	E	<0.005	E	<0.005	E
<0.01	X	<0.01	X	<0.01	X	<0.01	X	<0.01	X
<0.05	2H	<0.05	2H	<0.05	2H	<0.05	2H	<0.05	2H
<0.005	T	<0.005	T	<0.005	T	<0.005	T	<0.005	T
<0.005	1,1,1-TCA	<0.005	1,1,1-TCA	<0.005	1,1,1-TCA	<0.005	1,1,1-TCA	<0.005	1,1,1-TCA
<0.005	1,2-DCA	<0.005	1,2-DCA	<0.005	1,2-DCA	<0.005	1,2-DCA	<0.005	1,2-DCA
<0.005	PCE	<0.005	PCE	<0.005	PCE	<0.005	PCE	<0.005	PCE
<0.005	TCE	<0.005	TCE	<0.005	TCE	<0.005	TCE	<0.005	TCE
<0.005	CB	<0.005	CB	<0.005	CB	<0.005	CB	<0.005	CB
<0.01	CD	<0.01	CD	<0.01	CD	<0.01	CD	<0.01	CD

RP-1		RP-2		RP-3		RP-4		RP-5	
0.033	B	<0.0005	B	0.4	B	<0.0005	B	<0.0005	B
<0.0005	E	<0.0005	E	1.6	E	<0.0005	E	<0.0005	E
<0.002	X	<0.002	X	8.1	X	<0.002	X	<0.002	X
0.0008	T	<0.0005	T	84	T	0.0006	T	<0.0005	T

MW-1		MW-2		MW-3		MW-4		MW-5	
0.033	B	<0.0005/<0.0005	B	<0.0005	B	0.0017	B	0.0017	B
0.0014	E	<0.0005/<0.0005	E	<0.0005	E	0.0017	E	0.014	X
0.004	X	<0.002/<0.002	X	<0.002	X	0.014	X	0.0016	T
0.0015	T	<0.0005/<0.0005	T	<0.0005	T	0.0016	T		

EX-1		EX-2		EX-3	
<0.1	Ace	<30	Ace	<0.1	Ace
<0.005	B	<1	B	<0.005	B
<0.005	E	1.8	E	<0.005	E
0.21	X	8.4	X	<0.01	X
<0.05	2H	<10	2H	<0.05	2H
<0.005	T	21	T	<0.005	T
<0.005	1,1,1-TCA	<1	1,1,1-TCA	<0.005	1,1,1-TCA
<0.005	1,2-DCA	<1	1,2-DCA	<0.005	1,2-DCA
<0.005	PCE	<1	PCE	<0.005	PCE
<0.005	TCE	8.2	TCE	<0.005	TCE
<0.005	CB	<1	CB	<0.005	CB
<0.01	CD	<3	CD	<0.01	CD

LF-B1		LF-B2		LF-B3		LF-B4		LF-B5	
<0.1	Ace	<0.1	Ace	<0.1	Ace	<0.1	Ace	<0.1	Ace
<0.005	B	<0.005	B	<0.005	B	<0.005	B	<0.005	B
<0.005	E	<0.005	E	<0.005	E	<0.005	E	<0.005	E
<0.01	X	<0.01	X	<0.01	X	<0.01	X	<0.01	X
<0.05	2H	<0.05	2H	<0.05	2H	<0.05	2H	<0.05	2H
<0.005	T	<0.005	T	<0.005	T	<0.005	T	<0.005	T
<0.005	1,1,1-TCA	<0.005	1,1,1-TCA	<0.005	1,1,1-TCA	<0.005	1,1,1-TCA	<0.005	1,1,1-TCA
<0.005	1,2-DCA	<0.005	1,2-DCA	<0.005	1,2-DCA	<0.005	1,2-DCA	<0.005	1,2-DCA
<0.005	PCE	<0.005	PCE	<0.005	PCE	<0.005	PCE	<0.005	PCE
<0.005	TCE	<0.005	TCE	<0.005	TCE	<0.005	TCE	<0.005	TCE
<0.005	CB	<0.005	CB	<0.005	CB	<0.005	CB	<0.005	CB
<0.01	CD	<0.01	CD	<0.01	CD	<0.01	CD	<0.01	CD

LF-B6		LF-B7		LF-B8	
NA	Ace	<0.1	Ace	<0.1	Ace
<0.0005	B	<0.005	B	<0.005	B
<0.0005	E	<0.005	E	<0.005	E
<0.002	X	<0.01	X	<0.01	X
NA	2H	<0.05	2H	<0.05	2H
0.0006	T	<0.005	T	<0.005	T
NA	1,1,1-TCA	<0.005	1,1,1-TCA	<0.005	1,1,1-TCA
NA	1,2-DCA	<0.005	1,2-DCA	<0.005	1,2-DCA
NA	PCE	<0.005	PCE	<0.005	PCE
NA	TCE	<0.005	TCE	<0.005	TCE
NA	CB	<0.005	CB	<0.005	CB
NA	CD	<0.01	CD	<0.01	CD

LEGEND

- LF-10 — A-zone monitoring well
- LF-B3 — B-zone monitoring well
- EX-1 — Groundwater extraction well location
- RP-5 — Rifkin property monitoring wells (LFR)
- Rifkin property monitoring wells (TMC)
- Monitoring well destroyed during railway expansion
- Monitoring well destroyed under permit
- Monitoring well destroyed or lost durring slurry wall and cap construction
- (T) — Above ground storage tank

<0.05/<0.05 Ace

- Chemical compound abbreviation
- Duplicate analysis
- Concentration in parts per million (ppm)

- Rail road tracks
- Fence
- Property boundary
- Soil bentonite slurry cut off wall
- Cement bentonite slurry cut off wall

KEY TO ABBREVIATIONS

Ace	Acetone
B	Benzene
E	Ethylbenzene
X	Total Xylenes
2H	2-Hexanone
T	Toluene
1,1,1-TCA	1,1,1-Trichloroethane
1,2-DCA	1,2-Dichloroethane
PCE	Tetrachloroethene
TCE	Trichloroethene
CB	Chlorobenzene
CD	Carbon Disulfide

NOTE:
Groundwater samples collected from the Sherwin-Williams plant wells were analyzed using EPA method 8240.
Ground water samples collected from the Rifkin property wells were analyzed using the EPA method 8020.

50' 0 50' 100'
SCALE IN FEET

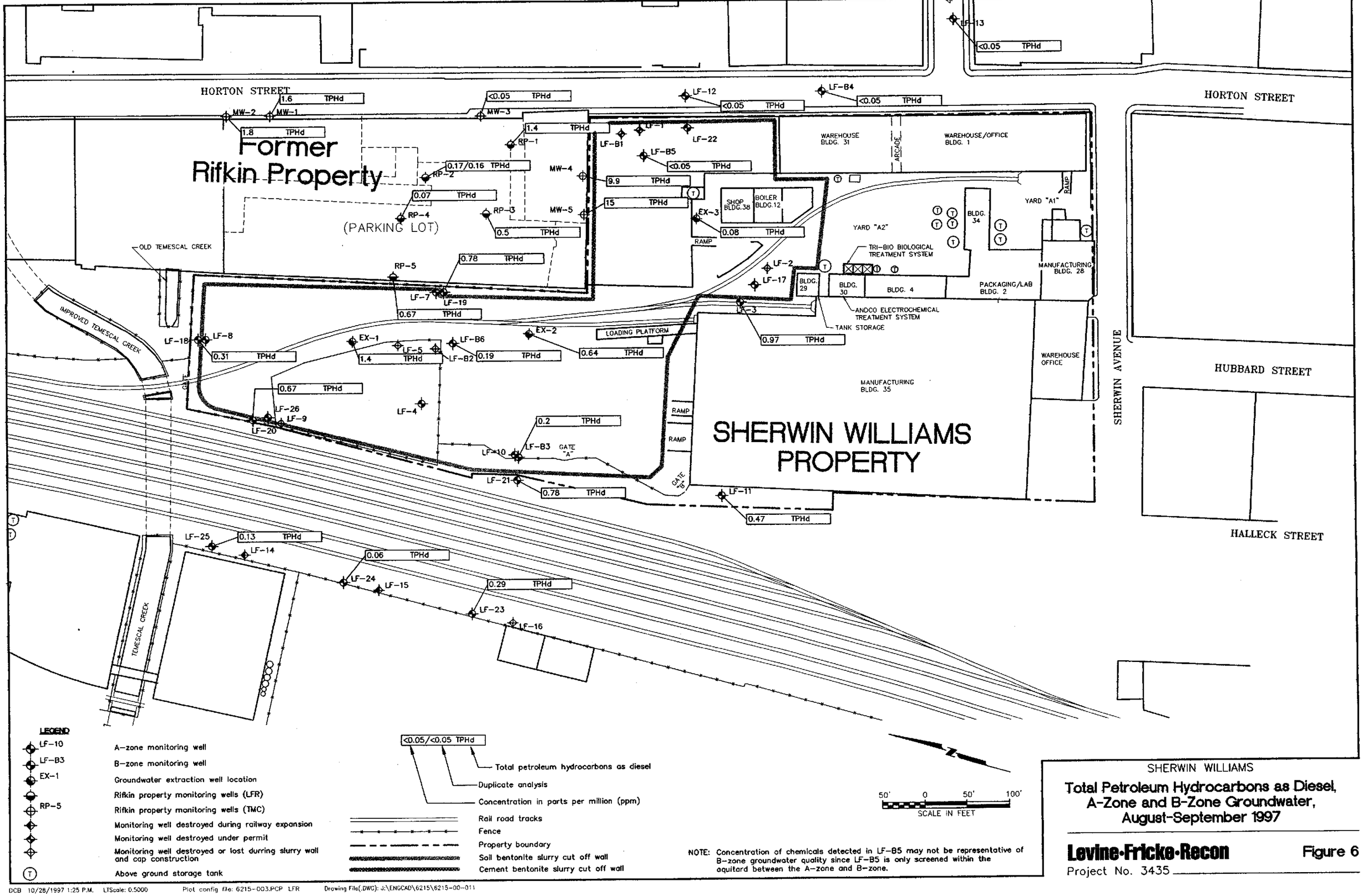
SHERWIN WILLIAMS

Volatile Organic Compounds, A-Zone Groundwater, August-September 1997

Levine-Fricke-Recon Figure 5

Project No. 3435

DCB 10/28/1997 1:20 P.M. LTScale: 0.5000 Plot config file: 6215-003.PCP LFR Drawing File(.DWG): J:\ENGCAD\6215\6215-00-007



SHERWIN WILLIAMS

Total Petroleum Hydrocarbons as Diesel, A-Zone and B-Zone Groundwater, August-September 1997

Levine-Fricke-Recon Figure 6

Project No. 3435

DCB 10/28/1997 1:25 P.M. LTScale: 0.5000 Plot config file: 6215-003.PCP LFR Drawing File(.DWG): J:\ENGCAD\6215\6215-00-011

HORTON STREET

HORTON STREET

HUBBARD STREET

HALLECK STREET

SHERWIN AVENUE

Former Rifkin Property

(PARKING LOT)

SHERWIN WILLIAMS PROPERTY

OLD TEMESCAL CREEK

IMPROVED TEMESCAL CREEK

TEMESCAL CREEK

GATE "A"

GATE "B"

RAMP

LOADING PLATFORM

WAREHOUSE BLDG. 31

ARCADE

WAREHOUSE/OFFICE BLDG. 1

SHOP BLDG.38

BOILER BLDG.12

YARD "A2"

YARD "A1"

BLDG. 34

TRI-BIO BIOLOGICAL TREATMENT SYSTEM

MANUFACTURING BLDG. 28

BLDG. 29

BLDG. 30

BLDG. 4

PACKAGING/LAB BLDG. 2

ANDCO ELECTROCHEMICAL TREATMENT SYSTEM

TANK STORAGE

WAREHOUSE OFFICE

MANUFACTURING BLDG. 35

MW-1 0.88 TPHg
MW-2 0.73 TPHg
MW-3 0.1 TPHg
MW-4 1.1 TPHg
MW-5 120 TPHg
RP-1 1.2 TPHg
RP-2 <0.05/<0.05 TPHg
RP-3 0.09 TPHg
RP-4 <0.05 TPHg
RP-5 <0.05 TPHg
LF-1 <0.05 TPHg
LF-2 200 TPHg
LF-3 39 TPHg
LF-4 0.06 TPHg
LF-5 0.32 TPHg
LF-7 0.15 TPHg
LF-8 <0.05 TPHg
LF-9 0.22 TPHg
LF-10 <0.05 TPHg
LF-11 0.16/0.15 TPHg
LF-12 <0.05 TPHg
LF-13 <0.05 TPHg
LF-14 <0.05 TPHg
LF-15 <0.05 TPHg
LF-16 <0.05 TPHg
LF-17 <0.05 TPHg
LF-18 <0.05 TPHg
LF-19 0.15 TPHg
LF-20 0.22 TPHg
LF-21 <0.05 TPHg
LF-22 <0.05 TPHg
LF-23 <0.05 TPHg
LF-24 <0.05 TPHg
LF-25 <0.05 TPHg
LF-26 0.22 TPHg
LF-B1 0.12 TPHg
LF-B2 0.16 TPHg
LF-B3 0.06 TPHg
LF-B4 <0.05 TPHg
LF-B5 <0.05 TPHg
LF-B6 39 TPHg
EX-1 0.32 TPHg
EX-2 39 TPHg
EX-3 <0.05 TPHg

LEGEND

- LF-10 — A-zone monitoring well
- LF-B3 — B-zone monitoring well
- EX-1 — Groundwater extraction well location
- RP-5 — Rifkin property monitoring wells (LFR)
- Rifkin property monitoring wells (TMC)
- Monitoring well destroyed during railway expansion
- Monitoring well destroyed under permit
- Monitoring well destroyed or lost durring slurry wall and cap construction
- (T) — Above ground storage tank

<0.05/<0.05 TPHg
- Total petroleum hydrocarbons as gas
- Duplicate analysis
- Concentration in parts per million (ppm)

- Rail road tracks
- Fence
- Property boundary
- Soil bentonite slurry cut off wall
- Cement bentonite slurry cut off wall

50' 0 50' 100'
SCALE IN FEET

NOTE: Concentration of chemicals detected in LF-B5 may not be representative of B-zone groundwater quality since LF-B5 is only screened within the aquitard between the A-zone and B-zone.

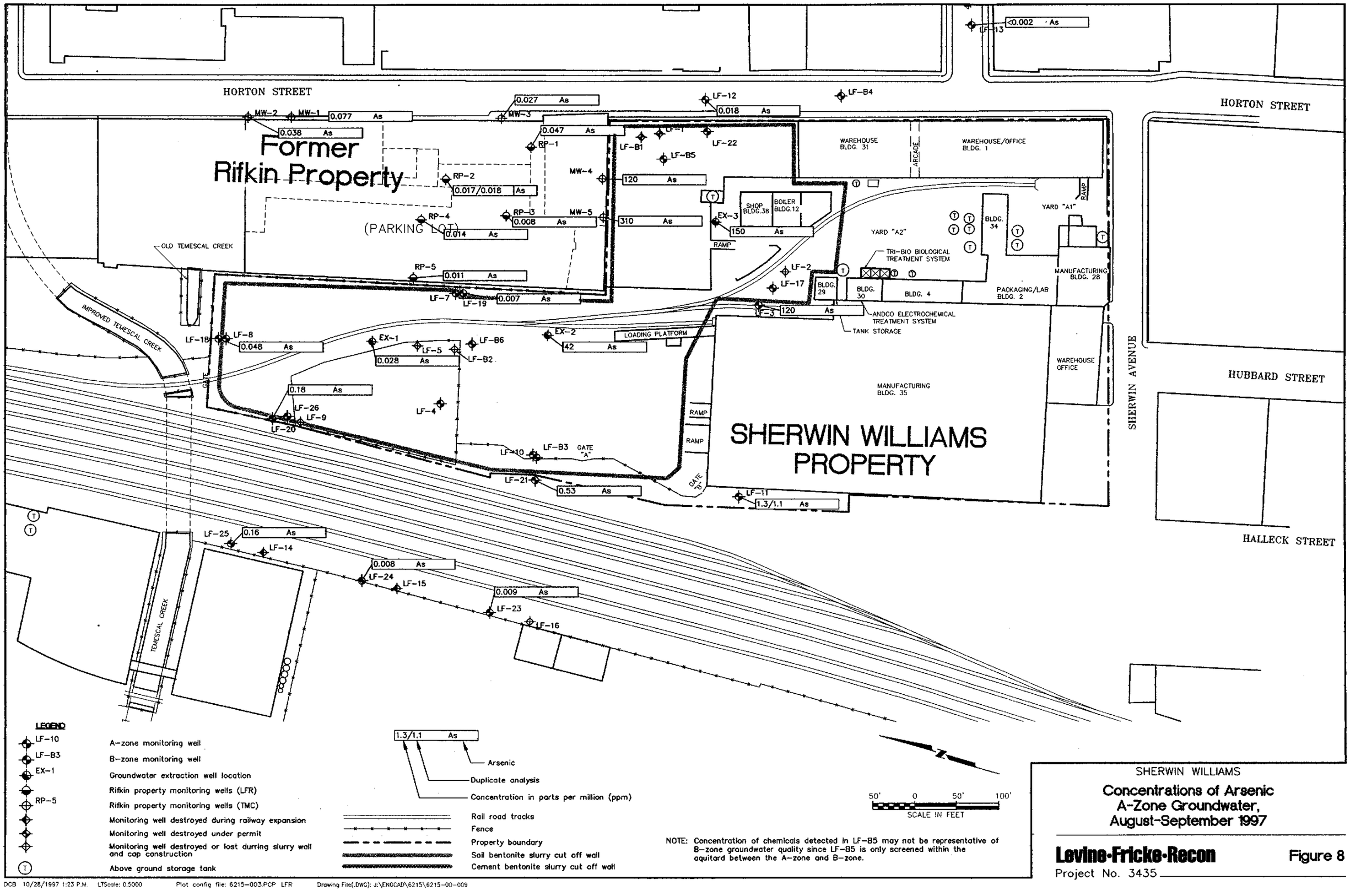
SHERWIN WILLIAMS

Total Petroleum Hydrocarbons as Gasoline, A-Zone and B-Zone Groundwater, August-September 1997

Levine-Fricke-Recon Figure 7

Project No. 3435

DCB 10/28/1997 1:26 P.M. LTScale: 0.5000 Plot config file: 6215-003.PCP LFR Drawing File(.DWG): J:\ENGCAD\6215\6215-00-012



SHERWIN WILLIAMS

Concentrations of Arsenic A-Zone Groundwater, August-September 1997

Levine-Fricke-Recon Figure 8

Project No. 3435

DCB 10/28/1997 1:23 P.M. LTScale: 0.5000 Plot config file: 6215-003.PCP LFR Drawing File(.DWG): J:\ENGCAD\6215\6215-00-009

HORTON STREET

HORTON STREET

HUBBARD STREET

HALLECK STREET

SHERWIN AVENUE

Former Rifkin Property

(PARKING LOT)

SHERWIN WILLIAMS PROPERTY

OLD TEMESCAL CREEK

IMPROVED TEMESCAL CREEK

TEMESCAL CREEK

MW-1 MW-2 MW-3 MW-4 MW-5

RP-1 RP-2 RP-3 RP-4 RP-5

LF-1 LF-2 LF-3 LF-4 LF-5 LF-6 LF-7 LF-8 LF-9 LF-10 LF-11 LF-12 LF-13 LF-14 LF-15 LF-16 LF-17 LF-18 LF-19 LF-20 LF-21 LF-22 LF-23 LF-24 LF-25 LF-26

LF-B1 LF-B2 LF-B3 LF-B4 LF-B5 LF-B6

EX-1 EX-2

<0.1	Ace
<0.005	B
<0.005	E
<0.01	X
<0.05	2H
<0.005	T
<0.005	1,1,1-TCA
0.07	1,2-DCA
<0.005	PCE
<0.005	TCE
<0.005	CB
<0.01	CD

<1	Ace
<0.05	B
<0.05	E
<0.1	X
<0.5	2H
<0.05	T
<0.05	1,1,1-TCA
0.38	1,2-DCA
<0.05	PCE
<0.05	TCE
<0.05	CB
<0.1	CD

<0.1	Ace
<0.005	B
<0.005	E
<0.01	X
<0.05	2H
<0.005	T
<0.005	1,1,1-TCA
<0.005	1,2-DCA
<0.005	PCE
<0.005	TCE
<0.005	CB
<0.01	CD

<0.1	Ace
<0.005	B
<0.005	E
<0.01	X
<0.05	2H
<0.005	T
<0.005	1,1,1-TCA
0.032	1,2-DCA
<0.005	PCE
<0.005	TCE
<0.005	CB
<0.01	CD

WAREHOUSE BLDG. 31

WAREHOUSE/OFFICE BLDG. 1

YARD "A1"

YARD "A2"

RAMP

BLDG. 34

TRI-BIO BIOLOGICAL TREATMENT SYSTEM

MANUFACTURING BLDG. 28

BLDG. 29

BLDG. 30

BLDG. 4

PACKAGING/LAB BLDG. 2

ANDCO ELECTROCHEMICAL TREATMENT SYSTEM

TANK STORAGE

WAREHOUSE OFFICE

MANUFACTURING BLDG. 35

RAMP

RAMP

GATE "A"

GATE "B"

GATE

FORM

LEGEND

LF-10	A-zone monitoring well
LF-B3	B-zone monitoring well
EX-1	Groundwater extraction well location
RP-5	Rifkin property monitoring wells (LFR)
	Rifkin property monitoring wells (TMC)
	Monitoring well destroyed during railway expansion
	Monitoring well destroyed under permit
	Monitoring well destroyed or lost durring slurry wall and cap construction
T	Above ground storage tank

<0.05/<0.05 Ace

- Chemical compound abbreviation
- Duplicate analysis
- Concentration in parts per million (ppm)

- Rail road tracks
- Fence
- Property boundary
- Soil bentonite slurry cut off wall
- Cement bentonite slurry cut off wall

KEY TO ABBREVIATIONS

Ace	Acetone
B	Benzene
E	Ethylbenzene
X	Total Xylenes
2H	2-Hexanone
T	Toluene
1,1,1-TCA	1,1,1-Trichloroethane
1,2-DCA	1,2-Dichloroethane
PCE	Tetrachloroethene
TCE	Trichloroethene
CB	Chlorobenzene
CD	Carbon Disulfide

50' 0 50' 100'

SCALE IN FEET

SHERWIN WILLIAMS

Volatile Organic Compounds, B-Zone Groundwater, August-September 1997

Levine-Fricke-Recon

Figure 9

Project No. 3435

DCB 10/28/1997 1:22 P.M. LTScale: 0.5000 Plot config file: 6215-003.PCP LFR Drawing File(.DWG): J:\ENGCAD\6215\6215-00-008

HORTON STREET

HORTON STREET

HUBBARD STREET

HALLECK STREET

SHERWIN AVENUE

Former Rifkin Property

(PARKING LOT)

SHERWIN WILLIAMS PROPERTY

OLD TEMESCAL CREEK

IMPROVED TEMESCAL CREEK

TEMESCAL CREEK

MW-1 MW-2 MW-3 MW-4 MW-5

RP-1 RP-2 RP-3 RP-4 RP-5

LF-1 LF-2 LF-3 LF-4 LF-5 LF-6 LF-7 LF-8 LF-9 LF-10 LF-11 LF-12 LF-13 LF-14 LF-15 LF-16 LF-17 LF-18 LF-19 LF-20 LF-21 LF-22 LF-23 LF-24 LF-25 LF-26

LF-B1 LF-B2 LF-B3 LF-B4 LF-B5 LF-B6

EX-1 EX-2 EX-3

0.005 As

0.14 As

0.01 As

WAREHOUSE BLDG. 31

ARCADE

WAREHOUSE/OFFICE BLDG. 1

SHOP BLDG.38

BOILER BLDG.12

RAMP

YARD "A1"

YARD "A2"

BLDG. 34

TRI-BIO BIOLOGICAL TREATMENT SYSTEM

MANUFACTURING BLDG. 28

BLDG. 29

BLDG. 30

BLDG. 4

PACKAGING/LAB BLDG. 2

ANDCO ELECTROCHEMICAL TREATMENT SYSTEM

TANK STORAGE

LOADING PLATFORM

WAREHOUSE OFFICE

MANUFACTURING BLDG. 35

GATE "A"

GATE "B"

LEGEND

- LF-10 — A-zone monitoring well
- LF-B3 — B-zone monitoring well
- EX-1 — Groundwater extraction well location
- RP-5 — Rifkin property monitoring wells (LFR)
- Rifkin property monitoring wells (TMC)
- Monitoring well destroyed during railway expansion
- Monitoring well destroyed under permit
- Monitoring well destroyed or lost durring slurry wall and cap construction
- (T) — Above ground storage tank

1.3/1.1 As

- Arsenic
- Duplicate analysis
- Concentration in parts per million (ppm)

- Rail road tracks
- Fence
- Property boundary
- Soil bentonite slurry cut off wall
- Cement bentonite slurry cut off wall

50' 0 50' 100'

SCALE IN FEET

NOTE: Concentration of chemicals detected in LF-B5 may not be representative of B-zone groundwater quality since LF-B5 is only screened within the aquitard between the A-zone and B-zone.

SHERWIN WILLIAMS

Concentrations of Arsenic B-Zone Groundwater, August-September 1997

Levine-Fricke-Recon Figure 10

Project No. 3435

DCB 10/28/1997 1:24 P.M. LTScale: 0.5000 Plot config file: 6215-003.PCP LFR Drawing File(.DWG): J:\ENGCAD\6215\6215-00-010

APPENDIX A

Summary of QA/QC

Table A-1

Summary of Sampling QA/QC		
Site Name: The Sherwin-Williams Plant	**Site Address:** 1450 Sherwin Avenue Emeryville, CA	**Monitoring Period Covered:** July 1 to September 30, 1997
Sampling performed by: Jeff Rodgers and Dan Johnson Levin - Fricke - Recon Inc. Firm address: 1900 Powell Street, Emeryville, California Firm contact: Mark Knox Firm phone number: (510) 652-4500		
Were chain-of-custody forms completed for all samples?	☑ Yes	☐ No
Were field parameters stabilized prior to taking sample?	☑ Yes	☐ No
For VOCs samples, was there zero head space in sample containers?	☑ Yes	☐ No
Were samples preserved according to analytical method?	☑ Yes	☐ No
Were the required field QA/QC samples taken?	☑ Yes	☐ No
For any questions above answered with "No", please provide an explanation:		

Data entered by KAG. QA/QC by KAG

Table A-2

Summary of Analytical QA/QC		
Site Name: The Sherwin-Williams Plant	**Site Address:** 1450 Sherwin Avenue Emeryville, CA	**Monitoring Period Covered:** July 1 to September 30, 1997

Analysis performed by: Larry Klein
Lab name: American Environmental Network
Lab address: 3440 Vincent Road, Pleasant Hill, California
Lab contact: Robin Byars
Lab phone number: (510) 930-9090

Analytical method used: (check applicable methods)

- ☐ Total Dissolved Solids by EPA Method _____
- ☐ Bioassay 96-hr % survival by Standard Method_____
- ☐ Turbidity (NTU) by EPA Method _____
- ☐ Dissolved Oxygen (mg/l and % saturation) by Standard Method
- ☐ Hardness (mg/l CaCO3) by EPA Method _____
- ☑ Arsenic by EPA Method 7060
- ☐ Cadmium by EPA Method _____
- ☐ Chromium (total) by EPA Method _____
- ☐ Chromium (hexavalent) EPA Method _____
- ☐ Copper by EPA Method _____
- ☐ Lead by EPA Method _____
- ☐ Mercury by EPA Method_____
- ☐ Nickel by EPA Method _____
- ☐ Selenium by EPA Method_____
- ☐ Silver by EPA Method _____
- ☐ Zinc by EPA Method _____
- ☐ Halogenated Volatile Organics by EPA Method 601 or 8010
- ☐ Aromatic and Unsaturated Volatile Organics by EPA 602 or 8020
- ☑ Volatile Organics by EPA Method 624 or 8240
- ☐ Semivolatile Organics by EPA Method 625 or 8270
- ☐ EDB and DBCP by EPA Method 504
- ☑ TPH gasoline by EPA Method 8015 modified
- ☑ TPH diesel by EPA Method 8015 modified
- ☐ Chlorinated Hydrocarbons by EPA Method 8120

Is the lab state-certified for the above analytical method(s)?	☑ Yes ☐ No
Was analysis performed according to standard methods?	☑ Yes ☐ No
Were sample holding times met?	☑ Yes ☐ No
Were all reported analytical results values above MDLs?	☑ Yes ☐ No
Were QA/QC samples (i.e. blanks, field replicates, spikes, and surrogates)	
analyzed in accordance and consistent with the analytical method?	☑ Yes ☐ No
Did QA/QC results meet all acceptance criteria?	☑ Yes ☐ No
Are QA/QC results and acceptance criteria on file?	☑ Yes ☐ No

For any questions above answered with "No", please provide an explanation: *

Data entered by _____. QA/QC by _____

* The explanation should describe any modifications to standard methods and whether approved by Board staff, and describe corrective actions taken in response to any QA/QC results that fall outside acceptance criteria.

EPA 601: Purgeable Halocarbons	CAS #	Reporting Limits
Bromodichloromethane	75-27-4	0.5 µg/l
Bromoform	75-25-2	0.5 µg/l
Bromomethane	74-83-9	2 µg/l
Carbon Tetrachloride	56-23-5	0.5 µg/l
Chlorobenzene	108-90-7	0.5 µg/l
Chloroethane	75-00-3	2 µg/l
2-Chloroethyl Vinyl Ether	110-75-8	0.5 µg/l
Chloroform	67-66-3	0.5 µg/l
Chloromethane	74-87-3	2 µg/l
Dibromochloromethane	124-48-1	0.5 µg/l
1,2-Dichlorobenzene	95-50-1	0.5 µg/l
1,3-Dichlorobenzene	541-73-1	0.5 µg/l
1,4-Dichlorobenzene	106-46-7	0.5 µg/l
Dichlorodifluoromethane	75-71-8	2 µg/l
1,1-Dichloroethane	75-34-3	0.5 µg/l
1,2-Dichloroethane	107-06-2	0.5 µg/l
1,1-Dichloroethene	75-35-4	0.5 µg/l
trans-1,2-Dichloroethene	156-60-5	0.5 µg/l
1,2-Dichloropropane	78-87-5	0.5 µg/l
cis-1,3-Dichloropropene	10061-01-5	0.5 µg/l
trans-1,3-Dichloropropene	10061-02-6	0.5 µg/l
Methylene Chloride	75-09-2	2 µg/l
1,1,2,2-Tetrachloroethane	79-34-5	0.5 µg/l
Tetrachloroethene	127-18-4	0.5 µg/l
1,1,1-Trichloroethane	71-55-6	0.5 µg/l
1,1,2-Trichloroethane	79-00-5	0.5 µg/l
Trichloroethene	79-01-6	0.5 µg/l
Trichlorofluoromethane	75-69-4	2 µg/l
Vinyl Chloride	75-01-4	0.5 µg/l
1,1,2-Trichlorotrifluoroethane	76-13-1	0.5 µg/l

EPA 601: Purgeable Halocarbons	CAS #	Reporting Limits
cis-1,2-Dichloroethene	156-59-2	0.5 µg/l

EPA 624: Purgeable Organics	CAS #	Reporting Limits
Benzene	71-43-2	5 µg/l
Bromodichloromethane	75-27-4	5 µg/l
Bromoform	75-25-2	5 µg/l
Bromomethane	74-83-9	10 µg/l
Carbon Tetrachloride	56-23-5	5 µg/l
Chlorobenzene	108-90-7	5 µg/l
Chloroethane	75-00-3	10 µg/l
2-Chloroethyl Vinyl Ether	110-75-8	10 µg/l
Chloroform	67-66-3	5 µg/l
Chloromethane	74-87-3	10 µg/l
Dibromochloromethane	124-48-1	5 µg/l
1,2-Dichlorobenzene	95-50-1	5 µg/l
1,3-Dichlorobenzene	541-73-1	5 µg/l
1,4-Dichlorobenzene	106-46-7	5 µg/l
1,1-Dichloroethane	75-34-3	5 µg/l
1,2-Dichloroethane	107-06-2	5 µg/l
1,1-Dichloroethene	75-35-4	5 µg/l
trans-1,2-Dichloroethene	156-60-5	5 µg/l
1,2-Dichloropropane	78-87-5	5 µg/l
cis-1,3-Dichloropropene	10061-01-5	5 µg/l
trans-1,3-Dichloropropene	10061-02-6	5 µg/l
Ethylbenzene	100-41-4	5 µg/l
Methylene Chloride	75-09-2	10 µg/l
1,1,2,2-Tetrachloroethane	79-34-5	5 µg/l
Tetrachloroethene	127-18-4	5 µg/l
Toluene	108-88-3	5 µg/l

EPA 624: Purgeable Organics	CAS #	Reporting Limits
1,1,1-Trichloroethane	71-55-6	5 µg/l
1,1,2-Trichloroethane	79-00-5	5 µg/l
Trichloroethene	79-01-6	5 µg/l
Trichlorofluoromethane	75-69-4	5 µg/l
Vinyl Chloride	75-01-4	10 µg/l
Acetone	67-64-1	100 µg/l
2-Butanone	78-93-3	100 µg/l
Carbon Disulfide	75-15-0	10 µg/l
2-Hexanone	591-78-6	50 µg/l
4-Methyl-2-pentanone	108-10-1	50 µg/l
Styrene	100-42-5	5 µg/l
Vinyl Acetate	108-05-4	50 µg/l
Xylenes, Total	1330-20-7	10 µg/l

EPA 625: Base/Neutrals and Acids	CAS #	Reporting Limits
Acenaphthene	83-32-9	10 µg/l
Acenaphthylene	208-96-8	10 µg/l
Anthracene	120-12-7	10 µg/l
Benzidine	92-87-5	10 µg/l
Benzo(a)anthracene	56-55-3	10 µg/l
Benzo(b)fluoranthene	205-99-2	10 µg/l
Benzo(k)fluoranthene	207-08-9	10 µg/l
Benzo(g,h,i)perylene	191-24-2	10 µg/l
Benzo(a)pyrene	50-32-8	10 µg/l
Bis(2-chloroethoxy)methane	111-91-1	10 µg/l
Bis(2-chloroethyl) Ether	111-44-4	10 µg/l
Bis(2-chloroisopropyl) Ether	108-60-1	10 µg/l
Bis(2-ethylhexyl) Phthalate	117-81-7	10 µg/l
4-Bromophenyl Phenyl Ether	101-55-3	10 µg/l

EPA 625: Base/Neutrals and Acids	CAS #	Reporting Limits
Butylbenzyl Phthalate	85-68-7	10 µg/l
2-Chloronaphthalene	91-58-7	10 µg/l
4-Chlorophenyl Phenyl Ether	7005-72-3	10 µg/l
Chrysene	218-01-9	10 µg/l
Dibenzo(a,h) anthracene	53-70-3	10 µg/l
Di-n-butyl Phthalate	84-74-2	10 µg/l
1,2-Dichlorobenzene	95-50-1	10 µg/l
1,3-Dichlorobenzene	541-73-1	10 µg/l
1,4-Dichlorobenzene	106-46-7	10 µg/l
3,3'-Dichlorobenzidine	91-94-1	20 µg/l
Diethyl Phthalate	84-66-2	10 µg/l
Dimethyl Phthalate	131-11-3	10 µg/l
2,4-Dinitrotoluene	121-14-2	10 µg/l
2,6-Dinitrotoluene	606-20-2	10 µg/l
Di-n-octyl Phthalate	117-84-0	10 µg/l
Fluoranthene	206-44-0	10 µg/l
Fluorene	86-73-7	10 µg/l
Hexachlorobenzene	118-74-1	10 µg/l
Hexachlorobutadiene	87-68-3	10 µg/l
Hexachloroethane	67-72-1	10 µg/l
Indeno(1,2,3-cd)pyrene	193-39-5	10 µg/l
Isophorone	78-59-1	10 µg/l
Naphthalene	91-20-3	10 µg/l
Nitrobenzene	98-95-3	10 µg/l
n-Nitroso-di-n-propylamine	621-64-7	10 µg/l
Phenanthrene	85-01-8	10 µg/l
Pyrene	129-00-0	10 µg/l
1,2,4-Trichlorobenzene	120-82-1	10 µg/l
4-Chloro-3-methylphenol	59-50-7	10 µg/l
2-Chlorophenol	95-57-8	10 µg/l

EPA 625: Base/Neutrals and Acids	CAS #	Reporting Limits
2,4-Dichlorophenol	120-83-2	10 µg/l
2,4-Dimethylphenol	105-67-9	10 µg/l
4,6-Dinitro-2-methylphenol	534-52-1	50 µg/l
2,4-Dinitrophenol	51-28-5	50 µg/l
2-Nitrophenol	88-75-5	10 µg/l
4-Nitrophenol	100-02-7	50 µg/l
Pentachlorophenol	87-86-5	50 µg/l
Phenol	108-95-2	10 µg/l
2,4,6-Trichlorophenol	88-06-2	10 µg/l

EPA 8270: Semivolatile Organics	CAS #	Reporting Limits
Acenaphthene		5.0 µg/l
Acenaphthylene		5.0 µg/l
Anthracene		5.0 µg/l
Benzoic Acid		10 µg/l
Benzo(a)anthracene		5.0 µg/l
Benzo(b)fluoranthene		5.0 µg/l
Benzo(k)fluoranthene		5.0 µg/l
Benzo(g,h,i)perylene		5.0 µg/l
Benzo(a)pyrene		5.0 µg/l
Benzyl alcohol		5.0 µg/l
Bis(2-chloroethoxy)methane		5.0 µg/l
Bis(2-chloroethyl)ether		5.0 µg/l
Bis(2-chloroisopropyl)ether		5.0 µg/l
Bis(2-ethylhexyl)phthalate		10 µg/l
4-Bromophenyl phenyl ether		5.0 µg/l
Butylbenzyl Phthalate		5.0 µg/l
4-Chloroaniline		10 µg/l
2-Chloronaphthalene		5.0 µg/l

EPA 8270: Semivolatile Organics	CAS #	Reporting Limits
4-Chloro-3-methylphenol		5.0 µg/l
2-Chlorophenol		5.0 µg/l
4-Chlorophenyl Phenyl Ether		5.0 µg/l
Chrysene		5.0 µg/l
Dibenzo(a,h)anthracene		5.0 µg/l
Dibenzofuran		5.0 µg/l
Di-n-butyl Phthalate		10 µg/l
1,2-Dichlorobenzene		5.0 µg/l
1,3-Dichlorobenzene		5.0 µg/l
1,4-Dichlorobenzene		5.0 µg/l
3,3-Dichlorobenzidine		10 µg/l
2,4-Dichlorophenol		5.0 µg/l
Diethyl Phthalate		5.0 µg/l
4,6-Dinitro-2-methylphenol		10.0 µg/l
2,4-Dinitrophenol		10.0 µg/l
2,4-Dinitrotoluene		5.0 µg/l
2,6-Dinitrotoluene		5.0 µg/l
Di-n-octyl Phthalate		5.0 µg/l
Fluoranthene		5.0 µg/l
Fluorene		5.0 µg/l
Hexachlorobenzene		5.0 µg/l
Hexachlorobutadiene		5.0 µg/l
Hexachlorocyclopentadiene		10.0 µg/l
Hexachloroethane		5.0 µg/l
Indeno(1,2,3-cd)pyrene		5.0 µg/l
Isophorone		5.0 µg/l
2-Methylnaphthalene		5.0 µg/l
2-Methylphenol		5.0 µg/l
4-Methylphenol		5.0 µg/l
Naphthalene		5.0 µg/l

EPA 8270: Semivolatile Organics	CAS #	Reporting Limits
2-Nitroaniline		10.0 µg/l
3-Nitroaniline		10.0 µg/l
4-Nitroaniline		10.0 µg/l
Nitrobenzene		5.0 µg/l
2-Nitrophenol		5.0 µg/l
4-Nitrophenol		10.0 µg/l
n-Nitrosodiphenylamine		5.0 µg/l
n-Nitroso-di-n-propylamine		5.0 µg/l
Pentachlorophenol		10.0 µg/l
Phenanthrene		5.0 µg/l
Phenol		5.0 µg/l
Pyrene		5.0 µg/l
1,2,4-Trichlorobenzene		5.0 µg/l
2,4,5-Trichlorophenol		5.0 µg/l
2,4,6-Trichlorophenol		5.0 µg/l

EPA 8010: Water Matrix	CAS #	Reporting Limits
Bromodichloromethane	75-27-4	3 µg/l
Bromoform	75-25-2	3 µg/l
Bromomethane	74-83-9	10 µg/l
Carbon Tetrachloride	56-23-5	3 µg/l
Chlorobenzene	108-90-7	3 µg/l
Chloroethane	75-00-3	10 µg/l
2-Chloroethyl Vinyl Ether	110-75-8	3 µg/l
Chloroform	67-66-3	3 µg/l
Chloromethane	74-87-3	10 µg/l
Dibromochloromethane	124-48-1	3 µg/l
1,2-Dichlorobenzene	95-50-1	3 µg/l
1,3-Dichlorobenzene	541-73-1	3 µg/l

EPA 8010: Water Matrix	CAS #	Reporting Limits
1,4-Dichlorobenzene	106-46-7	3 µg/l
Dichlorodifluoromethane	75-71-8	10 µg/l
1,1-Dichloroethane	75-34-3	3 µg/l
1,2-Dichloroethane	107-06-2	3 µg/l
1,1-Dichloroethene	75-35-4	3 µg/l
cis-1,2-Dichloroethene	156-60-5	3 µg/l
trans-1,2-Dichloroethene	156-60-5	3 µg/l
1,2-Dichloropropane	78-87-5	3 µg/l
cis-1,3-Dichloropropene	10061-01-5	3 µg/l
trans-1,3-Dichloropropene	10061-02-6	3 µg/l
Methylene Chloride	75-09-2	10 µg/l
1,1,2,2-Tetrachloroethane	79-34-5	3 µg/l
Tetrachloroethene	127-18-4	3 µg/l
1,1,1-Trichloroethane	71-55-6	3 µg/l
1,1,2-Trichloroethane	79-00-5	3 µg/l
Trichloroethene	79-01-6	3 µg/l
Trichlorofluoromethane	75-69-4	10 µg/l
1,1,2-Trichlorotrifluoroethane	76-13-1	3 µg/l
Vinyl Chloride	75-01-4	10 µg/l

EPA 8015 (Modified): Total Extractable Petroleum Hydrocarbons (TEPH)	CAS #	Reporting Limits
TEPH as Diesel		50 µg/l
TEPH as Gasoline		50 µg/l

EPA 504 (Modified)	CAS #	Reporting Limits
Dibromochloropropane (DBCP)		0.010 µg/l
Ethylene Dibromide (EDB)		0.020 µg/l

Inorganics	Method	Reporting Limits
Arsenic	EPA 206.2	0.002 mg/l
Cadmium	EPA 200.7	0.001 mg/l
Chromium	EPA 200.7	0.01 mg/l
Copper	EPA 200.7	0.002 mg/l
Lead	EPA 239.2	0.002 mg/l
Mercury	EPA 245.1	0.0002 mg/l
Nickel	EPA 200.7	0.002 mg/l
Selenium	EPA 270.2	0.004 mg/l
Silver	EPA 200.7	0.001 mg/l
Zinc	EPA 200.7	0.005 mg/l
Chromium, Hexavalent	SM 307B	0.01 mg/l
Ammonia-Nitrogen, Total	EPA 350.3	0.05 mg/l
Un-ionized Ammonia-N	EPA 350.3 calc	0.0003 mg/l
Total Dissolved Solids	EPA 160.1	10 mg/l
Turbidity	EPA 180.1	0.05 NTU