

ENVIRONMENTAL
PROTECTION
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**Combined Quarterly Groundwater Monitoring
Report for October 1 to December 31, 1997**

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

**February 17, 1998
3435.00-004**

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



February 17, 1998

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, October 1 to December 31, 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 December 1997 for the Sherwin-Williams plant in Emeryville, California and Portions of the Rifkin Property ("the Site"). This is the seventh 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 the Sherwin-Williams plant site were analyzed for volatile organic compounds using EPA Method 8240, total petroleum hydrocarbon compounds as diesel (TPHd) using EPA Method 3510, TPH as gasoline (TPHg) using EPA Method 5030, and arsenic using EPA Method 7060 or 206. The samples collected on a portion of the Rifkin Property were analyzed for dissolved 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.

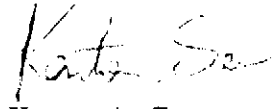
Twenty A-zone piezometers (LFPZ1 through LFPZ20) were installed by Levine·Fricke·Recon Inc., at the Sherwin-Williams plant in October 1997 as outlined in the June 1997 work plan and the October 24, 1997 supplemental letter to the RWQCB (attached as Appendix B). Groundwater elevation data collected from the piezometers are presented on Figures 3 and 4. Four new A-zone monitoring wells (LF-27 through LF-30) were installed on Horton Street in December 1997 as outlined in the June 1997 work plan. Analytical data for groundwater samples collected from these new wells are presented in Tables 2 through 4 and Figures 5 through 8. A summary of new piezometer and well lithologic logs will be presented as an appendix in the next quarterly monitoring report.

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., CHG
Senior Hydrogeologist



Kenton A. Gee
Project Hydrogeologist

Enclosure

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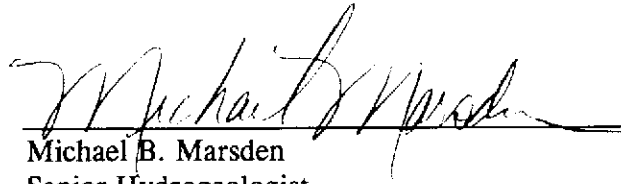
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CERTIFICATION

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.



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

2-17-98

Date

1.0 INTRODUCTION AND SCOPE

Levine·Fricke·Recon Inc. (LFR) prepared this combined quarterly groundwater monitoring report for October 1 to December 31, 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, the report includes quarterly groundwater monitoring results from October 1 to December 31, 1997, on a portion of the Rifkin Property, 4525-4563 Horton Street, Emeryville, California. Groundwater monitoring results for a portion of the Rifkin Property previous to the July through September quarterly report were reported to the RWQCB under a separate cover.

In December 1997, LFR conducted the quarterly groundwater monitoring for October 1 to December 31, 1997. The quarterly monitoring activities included the following:

- Groundwater levels were measured in 22 on- and off-site monitoring wells (LF-3, LF-4, LF-7, LF-8, LF-10 through LF-12, LF-13, LF-17 through LF-26, LF-B4 through LF-B6, EX-1, and EX-2), 20 on-site piezometers, and Rifkin Property wells RP-1 through RP-5, MW-1 through MW-5.
- Groundwater samples collected at the Sherwin-Williams plant site were collected from 13 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 hydrocarbon as diesel (TPHd) using EPA Extraction Method 3510, for TPH as gasoline (TPHg) using EPA Extraction Method 5030, and for inorganic compounds as arsenic using EPA Method 7060 or 206.
- 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, TPHd using EPA Method 3510, TPHg using EPA Extraction Method 5030, and benzene, toluene, ethylbenzene, and total xylene using EPA Method 8020.
- Wells LF-27, LF-28, LF-29, and LF-30 were installed on December 22-23, 1997. These wells are located on Horton Street (adjacent to the Rifkin Property) and target the A-zone. Groundwater samples were collected from these wells and analyzed for inorganic compounds as arsenic using EPA Method 7060, TPHd using EPA Method 3510, TPHg using EPA Method 5030, VOCs using EPA Method 8240, and SVOCs using EPA Method 8270. For discussion purposes, the four new wells will be included with the 10 Rifkin Property wells, bringing the total number of wells at the Rifkin site to 14.

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 December 15, 1997. Groundwater elevations in the new monitoring wells on Horton St. were not collected because the wells were installed at the end of December 1997, after the quarterly water levels were measured. 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. However, the extraction system was taken off line on October 17, 1997 and was not operating at the time water levels were measured. Groundwater flow inside the slurry wall was to the north/northwest.

The groundwater flow contours, as shown in Figure 3, indicate that groundwater flow in the A-zone on December 15, 1997, was affected by the slurry wall. Since last quarter, water levels inside the slurry wall have increased by as much as 2 feet, while water levels outside the slurry wall have increased by only 0.5 to 1 feet on average.

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 December 17 to 22, 1997, from; A-zone monitoring wells LF-3, LF-11, LF-12, LF-13, LF-18, LF-20 through LF-25, RP-1 through RP-5, and MW-1 through MW-5; A-zone extraction wells EX-1, EX-2, and EX-3 A; and B-zone monitoring wells LF-B3, LF-B4, LF-B5, and LF-B6. LFR collected groundwater samples for chemical analysis from wells LF-27 through LF-30 on December 29 and December 30, 1997.

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. In accordance with the RWQCB letter dated November 5, 1996, analytical laboratory reports and chain-of-custody forms for these samples are not presented in this report. The data will be kept on file at LFR's Emeryville office. Appendix A is provided in lieu of all raw data such as field data sheets, laboratory data sheets, quality assurance/quality control (QA/QC) data, and chain-of-custody forms. 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 groundwater samples collected from the Sherwin-Williams plant site (A-zone wells outside and inside the slurry wall and extraction wells within the slurry wall) were below the reported laboratory detection limits with the exception of samples from wells LF-3, LF-11, LF-18, EX-1, EX-2, and EX-3. Groundwater from well LF-3 contained 40/38 ppm (sample/duplicate) toluene. Groundwater from well LF-11 contained 0.024 ppm xylene. Groundwater from well LF-18 contained 0.01 ppm xylene. EX-1, EX-2, and EX-3 contained concentrations of toluene, ethylbenzene, and xylene above the laboratory detection limit. Toluene concentrations ranged from 0.05 ppm (EX-3) to 8.3 ppm (EX-2). Ethylbenzene concentrations ranged from 0.017 ppm (EX-3) to 1.6 ppm (EX-2). Xylene concentrations ranged from 0.073 ppm (EX-3) to 6.6 ppm (EX-2).

VOC analytical results for samples collected from the Rifkin Property A-zone wells during this sampling event indicate that groundwater collected from 11 of the 14 Rifkin Property wells contain concentrations of at least one VOC above laboratory detection limits. Well MW-5 contained 2.5 ppm ethylbenzene, 120 ppm toluene, and 11 ppm xylene. Wells LF-27 through LF-30, downgradient of the former Shell Development property, were analyzed for VOCs with EPA Method 8240. Groundwater collected from LF-28 contained 0.029 ppm cis-1,2-dichloroethene, 0.011 ppm trans-1,2-dichloroethene, and 0.005 ppm trichloroethene. Groundwater from well LF-29 contained 0.21 ppm 1,2-dichloropropane. Groundwater from well LF-30 contained 0.02 ppm 1,2-dichloroethane, 0.099 ppm 1,2-dichloropropane, 0.01 ppm cis-1,2-dichloroethene, and 0.023 ppm trichloroethene. Many of the compounds detected in wells LF-27 through LF-30 have not been detected at significant levels on the Sherwin-Williams property, and the sources of these contaminants are probably upgradient from the wells.

4.1.2. Semivolatile Organic Compounds

Groundwater samples collected from new wells LF-27 through LF-30 were the only samples analyzed for semivolatile compounds. Semivolatile organic compounds were not detected above laboratory detection limits.

4.1.3 Total Petroleum Hydrocarbons as Diesel

Relatively low hydrocarbon concentrations of TPHd (1.7 ppm or less) were detected in samples from the Sherwin-Williams site A-zone wells. Samples with TPHd concentration above the detection limit of 0.05 ppm were obtained from wells within the slurry wall (EX-1, EX-2, and EX-3) and from wells outside the slurry wall (LF-3, LF-18, LF-20, LF-21, LF-23, LF-24, and LF-25).

Thirteen of the fourteen Rifkin Property wells contained concentrations of TPHd above the laboratory detection limit of 0.05 ppm. Samples collected from wells LF-28 through LF-30, RP-1 through RP-5, and MW-1 through MW-3 contained TPHd concentrations ranging from 0.07 to 1.5 ppm. Groundwater samples collected from wells MW-4 and MW-5 contained 12 and 6 ppm TPHd, respectively.

4.1.4 Total Petroleum Hydrocarbons as Gasoline

With the exception of wells LF-3, and LF-11 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. A groundwater sample collected from well LF-11 contained a TPHg concentration of 0.22 and a sample collected from well LF-3 contained 30/43 ppm (sample/duplicate) TPHg. TPHg concentrations were detected in groundwater samples within the slurry walls from extraction wells EX-1, EX-2, and EX-2 at 1.6, 10, and 0.22 ppm, respectively.

Ten of the fourteen Rifkin Property wells contained concentrations of TPHg above the laboratory detection limit of 0.05 ppm. Samples collected from wells LF-28, LF-29, LF-30, RP-1, RP-3, MW-1, MW-2, MW-3, and MW-4 contained TPHg concentrations ranging from 0.07 (well MW-3) to 1.1 ppm (well MW-1). A sample collected from well MW-5 contained 160 ppm TPHg.

4.1.5 Inorganic Compounds as Arsenic

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. Arsenic concentrations were detected in 9 monitoring wells and all 3 extraction wells. Most samples contained less than 1 ppm arsenic, with the exception of wells LF-3, LF-11, EX-2, and EX-3, with arsenic concentrations of 60/67 (sample/duplicate), 2.1, 36, and 180 ppm respectively.

Thirteen of the fourteen Rifkin Property wells contained concentrations of Arsenic above the laboratory detection limit of 0.002 ppm. The two samples obtained from wells MW-4 and MW-5 contained arsenic concentrations of 42 and 380 ppm, respectively. Newly installed well LF-28, downgradient of the former Shell Development property, contained an arsenic concentration of 0.66 ppm. Wells MW-3, LF-27, and RP-1 (located south of LF-28 and between the Sherwin-Williams arsenic source area and LF-28) had arsenic concentrations of 0.011, 0.011 and 0.022/0.011 respectively, well below drinking water action levels. Samples from the remaining wells that contained concentrations of arsenic above the detection limit ranged from 0.003 ppm (RP-3) to 0.05 ppm (MW-2).

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. It is important to note that water samples from well LF-B5 are 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.

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 0.018, 0.34, and 0.067 ppm, respectively. Other VOCs were not obtained in samples from the B-zone.

4.2.2 Total Petroleum Hydrocarbons as Diesel

The TPHd analytical results from samples collected from B-zone wells LF-B3 and LF-B5 indicated concentrations of diesel at 0.70 and 0.64 ppm, respectively. The concentrations of TPHd in the samples collected from wells LF-B4 and LF-B6 did not exceed the laboratory detection limit.

4.2.3 Total Petroleum Hydrocarbons as Gasoline

The TPHg analytical results from samples collected from B-zone wells LF-B5 and LF-B6 indicated gasoline concentrations of 0.12, and 0.14 ppm, respectively. The concentrations of TPHg in the samples collected from wells LF-B3 and LF-B4 did not exceed the laboratory detection limit.

4.2.4 Inorganic Compounds as Arsenic

Arsenic was detected in samples collected from wells LF-B3, LF-B5 and LF-B6 at concentrations of 0.017, 0.2 and 0.01 ppm, respectively. The concentrations of arsenic in the sample collected from well LF-B4 did not exceed the laboratory detection limit. The concentrations of arsenic in groundwater collected from these two wells are similar to concentrations detected in the previous monitoring period.

5.0 QUALITY ASSURANCE AND 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, December 1997
The Sherwin-Williams Plant
Emeryville, California

Well Number	Well Elevation	Measured Depth to Water 12/15/97	Ground-Water Elevation 12/15/97
Sherwin-Williams Wells			
LF-3	12.00	4.61	7.39
LF-4	12.53	4.29	8.24
LF-7	14.44	5.95	8.49
LF-8	12.91	4.56	8.35
LF-10	10.99	2.81	8.18
LF-11	10.05	4.28	5.77
LF-12	14.95	6.11	8.84
LF-13	14.78	NM	NM
LF-17	12.53	3.79	8.74
LF-18	13.05	7.02	6.03
LF-19	14.18	7.86	6.32
LF-20	11.77	7.53	4.24
LF-21	10.37	5.27	5.10
LF-22	19.16	10.40	8.76
LF-23	10.64	4.08	6.56
LF-24	10.22	4.26	5.96
LF-25	11.31	6.99	4.32
LF-26	12.90	7.11	5.79
EX-1	10.08	1.99	8.09
EX-2	10.08	1.75	8.33
EX-3	14.90	NM	NM
LFPZ-1	14.92	6.13	8.79
LFPZ-2	18.04	9.32	8.72
LFPZ-3	18.00	9.45	8.55
LFPZ-4	18.99	10.98	8.01
LFPZ-5	18.75	10.28	8.47
LFPZ-6	18.44	9.81	8.63
LFPZ-7	19.05	10.01	9.04
LFPZ-8	17.03	8.35	8.68
LFPZ-9	12.76	3.91	8.85
LFPZ-10	12.26	3.49	8.77
LFPZ-11	12.79	5.92	6.87
LFPZ-12	11.01	4.38	6.63
LFPZ-13	10.93	2.78	8.15
LFPZ-14	10.21	2.05	8.16
LFPZ-15	14.33	5.84	8.49
LFPZ-16	11.03	2.52	8.51
LFPZ-17	10.12	1.72	8.40
LFPZ-18	13.01	5.85	7.16
LFPZ-19	14.64	5.16	9.48
LFPZ-20	13.45	5.78	7.67
LF-B3	10.30	NM	NM
LF-B4	14.55	5.89	8.66
LF-B5	18.29	9.88	8.41
LF-B6	11.99	4.71	7.28

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

Well Number	Well Elevation	Measured Depth to Water 12/15/97	Ground-Water Elevation 12/15/97
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Rifkin Property Wells

RP-1	15.14	7.41	7.73
RP-2	15.24	7.66	7.58
RP-3	15.17	7.58	7.59
RP-4	15.13	7.62	7.51
RP-5	15.04	7.55	7.49
MW-1	13.78	6.47	7.31
MW-2	13.58	6.26	7.32
MW-3	14.60	6.81	7.79
MW-4	15.53	7.08	8.45
MW-5	15.24	7.61	7.63

Data entered by TGL. Proofed by LG.

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-Hexanone	Toluene	1,1,1-TCA	1,2-DCA	PCE	TCE	Chlorobenzene	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	<10.000	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-3	17-Dec-97	<100	<5	<5	<100	<10	<50	40	<5	<5	<5	<5	<5	40.000	
DUP	17-Dec-97	<100	<5	<5	<100	<10	<50	38	<5	<5	<5	<5	<5	38.000	
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														

TABLE 2
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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-Hexanone	Toluene	1,1,1-TCA	1,2-DCA	PCE	TCE	Chlorobenzene	Total Quantified Conc.	Notes
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	
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	<0.001	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	<0.005	<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	<0.005	<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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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-Hexanone	Toluene	1,1,1-TCA	1,2-DCA	PCE	TCE	Chlorobenzene	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	<0.020	
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-11	17-Dec-97	<0.1	<0.005	<0.005	<0.1	0.024	<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	0.001	<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-12	18-Dec-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	

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-Hexanone	Toluene	1,1,1-TCA	1,2-DCA	PCE	TCE	Chlorobenzene	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-13	18-Dec-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	<0.020	
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	<0.020	
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-18	17-Dec-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-20	18-Dec-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	

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-Hexanone	Toluene	1,1,1-TCA	1,2-DCA	PCE	TCE	Chlorobenzene	Total Quantified Conc.	Notes
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	
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-21	17-Dec-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-23	18-Dec-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-24	18-Dec-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-25	18-Dec-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-27	29-Dec-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-28	29-Dec-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	0.045	#13
LF-29	29-Dec-97	<0.5	<0.03	<0.03	<0.5	<0.05	<0.3	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	0.210	#14
LF-30	30-Dec-97	<0.1	<0.005	<0.005	<0.1	<0.01	<0.05	<0.005	<0.005	0.02	<0.005	0.023	<0.005	0.152	#15
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	

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-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	
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-B3	17-Dec-97	<0.1	<0.005	<0.005	<0.1	<0.01	<0.05	<0.005	<0.005	0.018	<0.005	<0.005	<0.005	0.018	
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-B4	18-Dec-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	#7
LF-B5	17-Dec-97	<1	<0.05	<0.05	<1	<0.1	<0.5	<0.05	<0.05	0.34	<0.05	<0.05	<0.05	0.340	#7
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	

TABLE 2
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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-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	
LF-B6	18-Dec-97	<0.1	<0.005	<0.005	<0.1	<0.01	<0.05	<0.005	<0.005	0.067	<0.005	<0.005	<0.005	0.067	
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	
EX-1	18-Dec-97	<0.5	<0.03	0.22	<0.5	0.74	<0.3	0.2	<0.03	<0.03	<0.03	<0.03	<0.03	1.160	
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-2	22-Dec-97	<10	<0.5	1.6	<10	6.6	<5	8.3	<0.5	<0.5	<0.5	<0.5	<0.5	16.500	
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	
EX-3	19-Dec-97	<0.1	<0.005	0.017	<0.1	0.073	<0.05	0.05	<0.005	<0.005	<0.005	<0.005	<0.005	0.140	
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	
RP-1	10-May-95	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	NA	#11
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-1	19-Dec-97	NA	<0.0005	0.0006	NA	0.002	NA	0.0006	NA	NA	NA	NA	NA	0.0032	
DUP	19-Dec-97	NA	<0.0005	0.0011	NA	0.003	NA	0.001	NA	NA	NA	NA	NA	0.0051	

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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-Hexanone	Toluene	1,1,1-TCA	1,2-DCA	PCE	TCE	Chlorobenzene	Total Quantified Conc.	Notes
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	#8
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	
RP-2	19-Dec-97	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	0	
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	
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-3	19-Dec-97	NA	<0.0005	<0.0005	NA	0.003	NA	0.0006	NA	NA	NA	NA	NA	0.0036	
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	
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	

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-Hexanone	Toluene	1,1,1-TCA	1,2-DCA	PCE	TCE	Chlorobenzene	Total Quantified Conc.	Notes
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-4	19-Dec-97	NA	<0.0005	<0.0005	NA	<0.002	NA	0.0006	NA	NA	NA	NA	NA	0.0006	
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	
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	
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	
RP-5	19-Dec-97	NA	<0.0005	<0.0005	NA	<0.002	NA	0.0025	NA	NA	NA	NA	NA	0.0025	
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	#9 #10
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-1	19-Dec-97	NA	0.083	0.0038	NA	0.011	NA	0.0078	NA	NA	NA	NA	NA	0.1056	
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	#11
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-2	19-Dec-97	NA	0.019	0.0021	NA	0.006	NA	0.0019	NA	NA	NA	NA	NA	0.0300	
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	

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
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	#12
MW-3	19-Dec-97	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	0.0000	
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	
MW-4	18-Aug-97	NA	0.0017	0.0017	NA	0.014	NA	0.0016	NA	NA	NA	NA	NA	NA	
MW-4	19-Dec-97	NA	0.0008	0.0011	NA	0.006	NA	0.001	NA	NA	NA	NA	NA	0.0089	
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	
MW-5	18-Aug-97	NA	0.4	1.6	NA	8.1	NA	84	NA	NA	NA	NA	NA	NA	
MW-5	19-Dec-97	NA	<0.5	2.5	NA	11	NA	120	NA	NA	NA	NA	NA	133.5	

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	<0.001	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	<0.001	0.000
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	<0.001	0.000
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	<0.001	0.000
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	<0.001	0.000
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	<0.001	0.000
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	<0.001	0.000
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	<0.001	0.000
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	<0.001	0.000
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	<0.001	0.000
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	<0.001	0.000
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	<0.001	0.000
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	<0.001	0.000
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	<0.005	0.000
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	<0.005	0.000
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	<0.005	0.000
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	<0.005	0.000
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	<0.005	0.000
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	<0.005	0.000
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	<0.005	0.000
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	<0.005	0.000
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	<0.005	0.000
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	<0.005	0.000
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	<0.005	0.000
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	<0.005	0.000
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	<0.005	0.000
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	<0.005	0.000
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	<0.005	0.000
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	<0.005	0.000
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	<0.005	0.000

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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-Hexanone	Toluene	1,1,1-TCA	1,2-DCA	PCE	TCE	Chlorobenzene	Total Quantified Conc.	Notes
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	0.000	
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	0.000	
RP-3-FB	28-Feb-95	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	0.000	
RP-3-FB	10-May-95	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	0.000	
RP-3-FB	09-Aug-95	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	0.000	
RP-3-FB	17-Nov-95	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	0.000	
Trip Blank	17-Nov-95	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	0.000	
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	0.000	
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	0.000	
RP-4-FB	17-Apr-96	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	0.000	
RP-1-FB	31-Jul-96	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	0.000	
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	0.000	
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	0.000	
Trip Blank	25-Mar-97	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	0.000	
RP-5-FB	10-Jun-97	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	0.000	
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	
Trip Blank	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	
RP-1-FB	18-Aug-97	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	0.000	
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	
MCL5			0.005	0.700		10.000		1.000	NA	0.001	NA	0.005	NA	NA	
LF-18-FB	17-Dec-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-5-FB	19-Dec-97	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	0.000	
Trip Blank	19-Dec-97	NA	<0.0005	<0.0005	NA	<0.002	NA	<0.0005	NA	NA	NA	NA	NA	0.000	
Trip Blank	30-Dec-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	

Data entered by TGL . Data proofed by LG QA/QC by _____

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 LF-B1 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 LF-B5 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.

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-Hexanone	Toluene	1,1,1-TCA	1,2-DCA	PCE	TCE	Chlorobenzene	Total Quantified Conc.	Notes
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#8 RP-2	3/29/95	Carbon Disulfide detected at 0.015 mg/L													
#9 MW-1	1/9/96	1,2-Dichloropropane at 0.13 ppm.													
#10 MW-1	1/9/96	Vinyl chloride detected at 0.015 ppm.													
#11 MW-2	1/9/96	1,2-Dichloropropane detected at 0.020 ppm.													
#12 MW-3	8/18/97	Chloroform detected at 0.009 mg/L													
#13 LF-28	12/29/97	Cis-1,2 Dichloroethene detected at 0.029 mg/l, and Trans 1,2-Dichloroethene detected at 0.011 mg/l													
#14 LF-29	12/29/97	1,2-Dichloropropane detected at 0.21 mg/L													
#15 LF-30	12/29/97	1,2-Dichloropropane detected at 0.099 mg/L, and cis-1,2-Dichloroethene detected at 0.01 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-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	
LF-15	09-Jun-93	0.098	<0.050	
LF-15	Destroyed during railway expansion activities			
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-18	17-Dec-97	0.21	<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-20	18-Dec-97	0.79	<0.05	
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-21	17-Dec-97	1.0	<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	

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-Hexanone	Toluene	1,1,1-TCA	1,2-DCA	PCE	TCE	Chlorobenzene	Total Quantified Conc.	Notes
#8 RP-2	3/29/95	Carbon Disulfide detected at 0.015 mg/L													
#9 MW-1	1/9/96	1,2-Dichloropropane at 0.13 ppm.													
#10 MW-1	1/9/96	Vinyl chloride detected at 0.015 ppm.													
#11 MW-2	1/9/96	1,2-Dichloropropane detected at 0.020 ppm.													
#12 MW-3	8/18/97	Chloroform detected at 0.009 mg/L													
#13 LF-28	12/29/97	Cis-1,2 Dichloroethene detected at 0.029 mg/l, and Trans 1,2-Dichloroethene detected at 0.011 mg/l													
#14 LF-29	12/29/97	1,2-Dichloropropane detected at 0.21 mg/l													
#15 LF-30	12/29/97	1,2-Dichloropropane detected at 0.099 mg/L, and cis-1,2-Dichloroethene detected at 0.01 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-3	17-Dec-97	1.1	30	
DUP	17-Dec-97	1.6	43	
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

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
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
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-11	17-Dec-97	<0.05	0.22	
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-12	18-Dec-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-13	18-Dec-97	<0.05	<0.05	
LF-14	20-Jun-91	<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-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	
LF-15	09-Jun-93	0.098	<0.050	
LF-15	Destroyed during railway expansion activities			
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-18	17-Dec-97	0.21	<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-20	18-Dec-97	0.79	<0.05	
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-21	17-Dec-97	1.0	<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	

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-23	18-Dec-97	0.30	<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-24	18-Dec-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	
LF-25	11-Jun-97	0.11	<0.05	
LF-25	20-Aug-97	0.13	<0.05	
LF-25	18-Dec-97	0.15	<0.05	
LF-27	29-Dec-97	<0.05	<0.05	
LF-28	29-Dec-97	0.13	0.08	
LF-29	29-Dec-97	1.1	0.8	
LF-30	30-Dec-97	0.24	0.53	
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-B3	17-Dec-97	0.70	<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-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-B4	18-Dec-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	#6
LF-B5	17-Dec-97	0.64	0.12	#6
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	
LF-B6	18-Dec-97	<0.05	0.14	
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-1	18-Dec-97	1.7	1.6	
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-2	22-Dec-97	0.55	10	
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	

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-3	22-Sep-97	0.08	<0.05	
EX-3	19-Dec-97	0.18	0.22	
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	
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	10-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-1	19-Dec-97	0.86	0.70	
dup	19-Dec-97	0.79	0.46	
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	
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	
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-2	19-Dec-97	0.16	<0.05	
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	

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-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-3	19-Dec-97	0.48	0.08	
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	
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	
RP-4	19-Dec-97	0.07	<0.05	
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	
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	

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	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	
RP-5	19-Dec-97	0.65	<0.05	
MW-1	09-Jan-96	1.300	4.000	
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-1	19-Dec-97	1.2	1.1	
MW-2	09-Jan-96	0.900	2.500	
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-2	19-Dec-97	1.5	0.4	
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	
✓ MW-3	19-Dec-97	0.06	0.07	
MW-4	10-Jan-96	0.700	6.300	
MW-4	19-Nov-96	0.700	6.900	
MW-4	18-Aug-97	1.1	9.9	
MW-4	19-Dec-97	12	0.18	
MW-5	10-Jan-96	160.000	5.400	

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-5	19-Nov-96	180.000	3.700	
MW-5	18-Aug-97	120	15	
MW-5	19-Dec-97	6.0	160	
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	
LF-18-FB	17-Dec-97	<0.05	<0.05	
RP-5-FB	19-Dec-97	<0.05	<0.05	
Trip Blank	17-Dec-97	NA	<0.05	
Trip Blank	19-Dec-97	NA	<0.05	

Data entered by TGL . Data proofed by LG QA/QC by _____

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.
 Samples analyzed using EPA Method 5030 for total petroleum hydrocarbons

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
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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.

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-3		17-Dec-97	60	NA	NA	NA	NA	NA	NA	NA
DUP		17-Dec-97	67	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				

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		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
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									

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		07-Dec-89	0.650	NA	<0.0400	<0.300				
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-11		17-Dec-97	2.1	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				

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		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
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-12		18-Dec-97	0.013	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-13		18-Dec-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

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-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				
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-18		17-Dec-97	0.008	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-20		18-Dec-97	0.15	NA	NA	NA	NA	NA	NA	NA
LF-21		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
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-21		17-Dec-97	0.48	NA	NA	NA	NA	NA	NA	NA
LF-23		10-Apr-96	< 0.002	NA	NA	< 0.002	NA	NA	NA	NA
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-23		18-Dec-97	0.006	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-24		18-Dec-97	0.004	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-25		18-Dec-97	0.12	NA	NA	NA	NA	NA	NA	NA
LF-27		29-Dec-97	0.011	NA	NA	NA	NA	NA	NA	NA
LF-28		29-Dec-97	0.66	NA	NA	NA	NA	NA	NA	NA
LF-29		29-Dec-97	0.006	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-30		30-Dec-97	<0.002	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								
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-B3		17-Dec-97	0.017	NA	NA	NA	NA	NA	NA	NA
LF-B4		17-Jul-90	0.003	0.080	<0.0500	<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-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-B4		18-Dec-97	<0.002	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	(2)	20-Aug-97	0.14	NA	NA	NA	NA	NA	NA	NA
LF-B5	(2)	17-Dec-97	0.20	NA	NA	NA	NA	NA	NA	NA
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
LF-B6		18-Dec-97	0.010	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

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
EX-1		18-Dec-97	0.31	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-2		22-Dec-97	36	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
EX-3		19-Dec-97	180	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	0.04	<0.005	<0.04	<0.01	<0.0002	<0.004	<0.005
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
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-1		19-Dec-97	0.022	NA	NA	NA	NA	NA	NA	NA
DUP		19-Dec-97	0.010	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-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	0.08	<0.005	<0.04	<0.01	<0.0002	<0.004	<0.005
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-2		19-Dec-97	0.011	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	0.18	<0.005	<0.04	<0.01	<0.0002	<0.004	<0.005
RP-3		10-May-95	0.013	NA	NA	NA	NA	NA	NA	NA
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

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		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-3		19-Dec-97	0.003	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	(6)	29-Mar-95	0.008	0.06	<0.005	0.15	<0.01	<0.0002	<0.004	<0.005
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
RP-4		19-Dec-97	0.006	NA	NA	NA	NA	NA	NA	NA
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	(7)	29-Mar-95	0.006	0.040	<0.005	<0.04	<0.01	<0.0002	<0.004	<0.005
RP-5		10-May-95	0.018	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		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
RP-5		19-Dec-97	0.038	NA	NA	NA	NA	NA	NA	NA
MW-1		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-1		19-Dec-97	0.010	NA	NA	NA	NA	NA	NA	NA
MW-2		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
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-2		19-Dec-97	0.050	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-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-3		19-Dec-97	0.011	NA	NA	NA	NA	NA	NA	NA
MW-4		10-Jan-96	15.000	NA	NA	NA	NA	NA	NA	NA
MW-4	(8)	19-Nov-96	3.100	NA	NA	<0.04	NA	NA	NA	NA
MW-4		18-Aug-97	120.00	NA	NA	NA	NA	NA	NA	NA
MW-4		19-Dec-97	42	NA	NA	NA	NA	NA	NA	NA
MW-5		10-Jan-96	79.000	NA	NA	NA	NA	NA	NA	NA
MW-5	(5)	19-Nov-96	192.000	NA	NA	0.07	NA	NA	NA	NA
MW-5		18-Aug-97	310.00	NA	NA	NA	NA	NA	NA	NA
MW-5		19-Dec-97	380	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

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-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				
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

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
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
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
LF-18-FB		17-Dec-97	<0.005	NA	NA	NA	NA	NA	NA	NA
RP-5-FB		19-Dec-97	<0.002	NA	NA	NA	NA	NA	NA	NA

Data entered by TGL. Proofed by LG.

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 validated based on positive results of bailer rinsate 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 Zinc detected at 0.03 mg/L.

#4 Zinc detected at 0.01 mg/L.

#5 Zinc detected at 0.01 mg/L, Vanadium at 0.015 mg/L

#6 Zinc detected at 0.16 mg/L.

#7 Zinc detected at 0.003 mg/L.

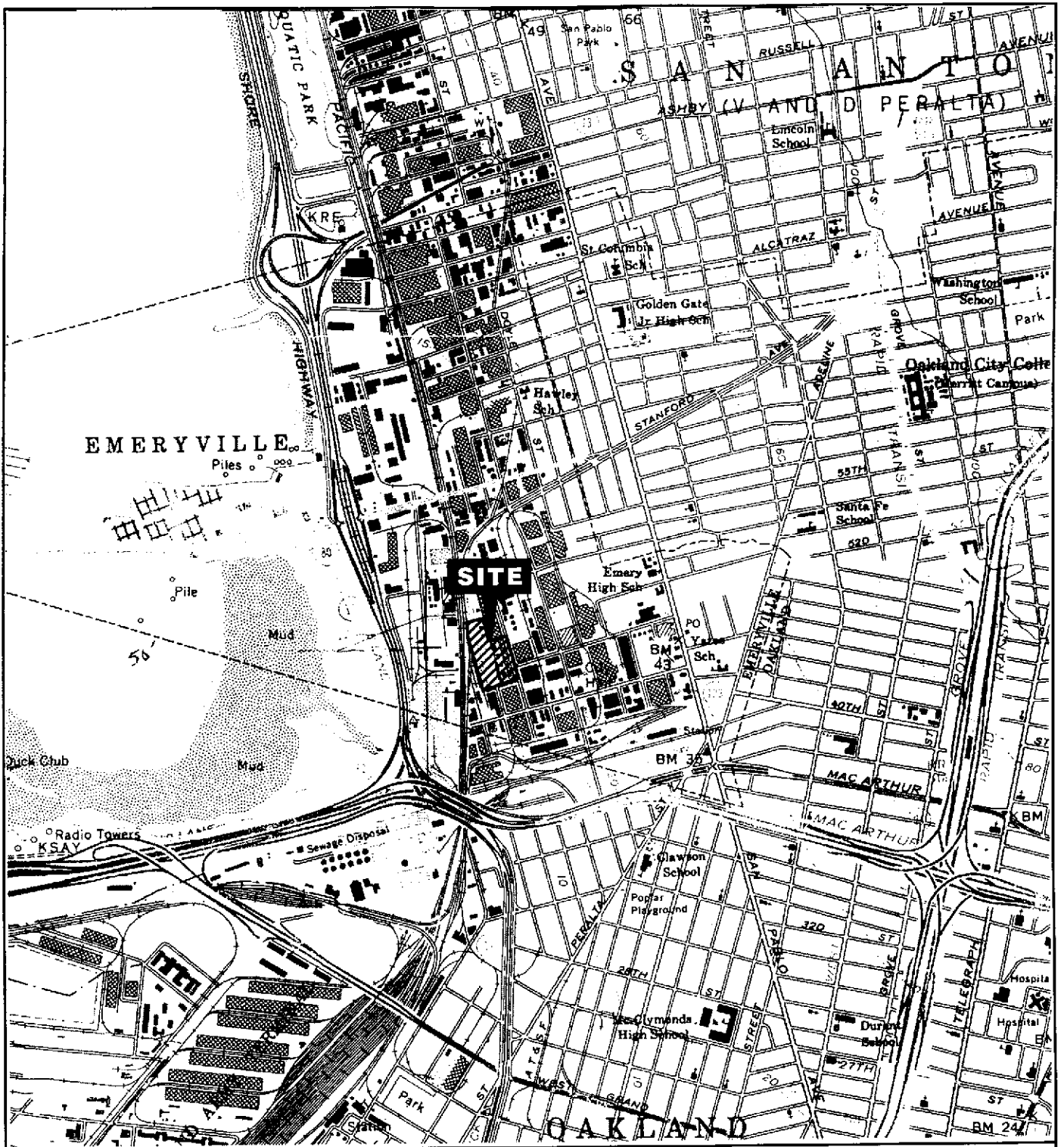
#8 Zinc detected at 21 mg/L.

#9 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

SHERWIN-WILLIAMS

Site Location Map

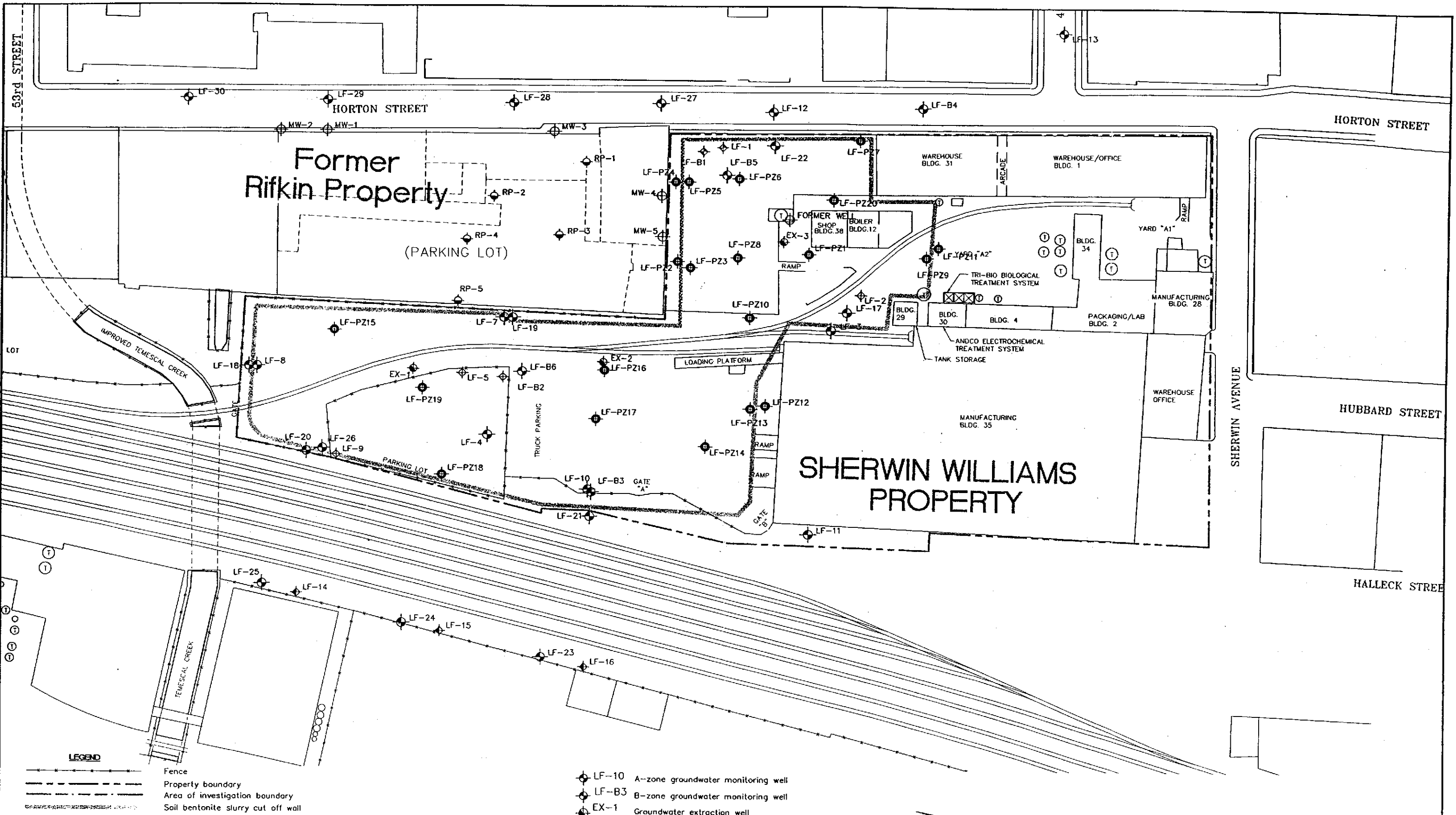
Levine-Fricke-Recon

Figure 1

Project No. 3435

3435SV01.CDR 102496RYL.KAG

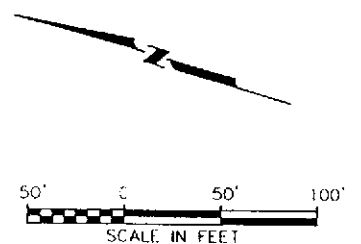




LEGEND

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

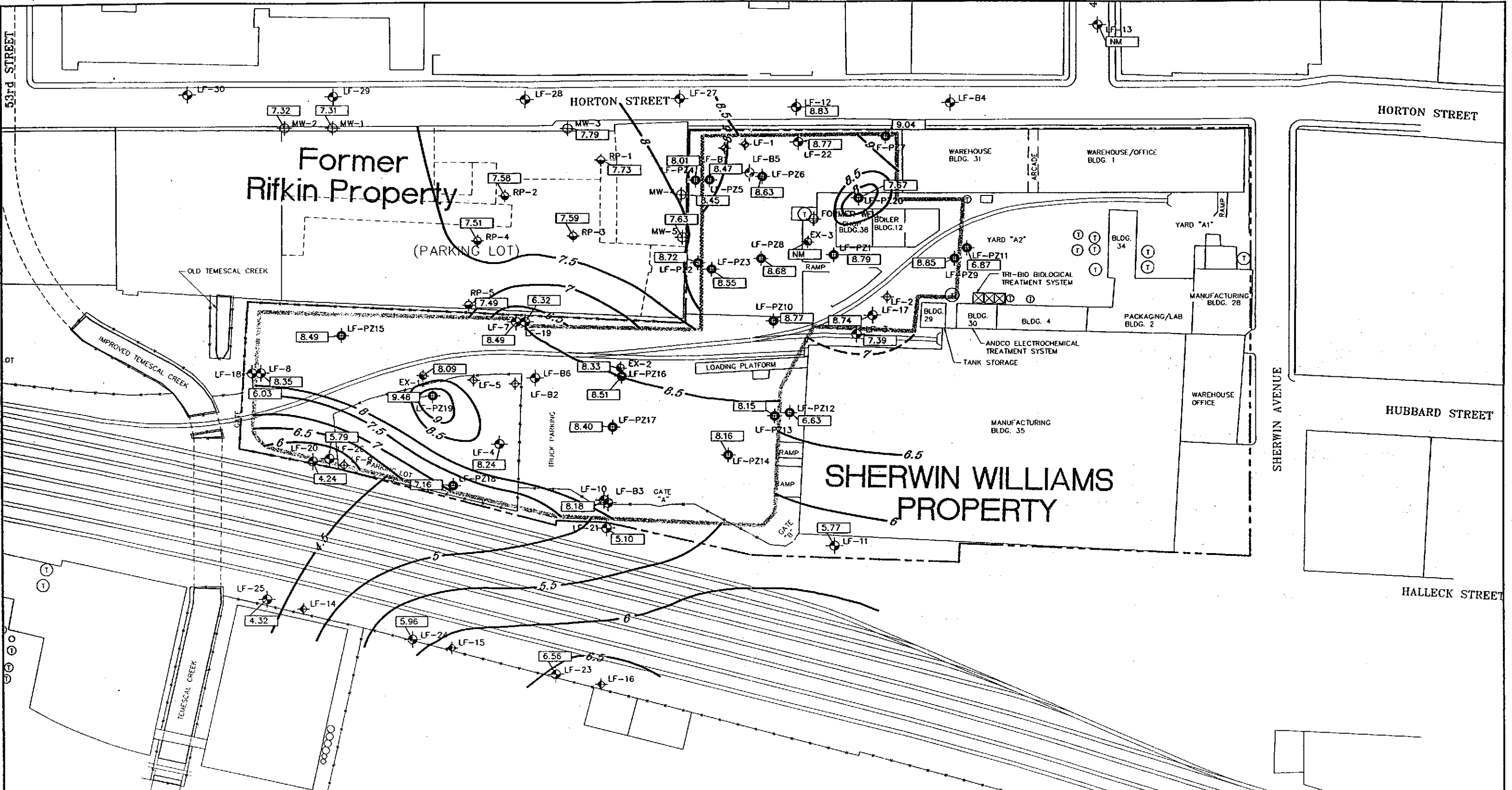
- ⊕ LF-10 A-zone groundwater monitoring well
- ⊕ LF-B3 B-zone groundwater monitoring well
- ⊕ EX-1 Groundwater extraction well
- ⊕ RP-1 Rifkin property monitoring well (LFR)
- ⊕ MW-4 Rifkin property monitoring well (TMC)
- ⊕ LF-PZ1 A-zone piezometer
- ⊕ LF15 Monitoring well destroyed during railway expansion
- ⊕ LF-1 Monitoring well destroyed under permit
- ⊕ LF-9 Monitoring well destroyed or lost during slurry wall and cap construction



SHERWIN WILLIAMS
Site Plan

Levine-Fricke-Recon
Project No. 3435

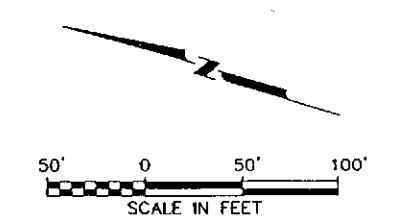
Figure 2



LEGEND

- Fence
- Property boundary
- Area of investigation boundary
- Soil bentonite slurry cut off wall
- Cement bentonite slurry cut off wall
- Rail road tracks
- Groundwater elevation contour (dashed where inferred)
- Groundwater elevation

- LF-10 A-zone groundwater monitoring well
- LF-B3 B-zone groundwater monitoring well
- EX-1 Groundwater extraction well
- RP-1 Rifkin property monitoring well (LFR)
- MW-4 Rifkin property monitoring well (TMC)
- LF-PZ1 A-zone piezometer
- LF15 Monitoring well destroyed during railway expansion
- LF-1 Monitoring well destroyed under permit
- LF-9 Monitoring well destroyed or lost during slurry wall and cap construction

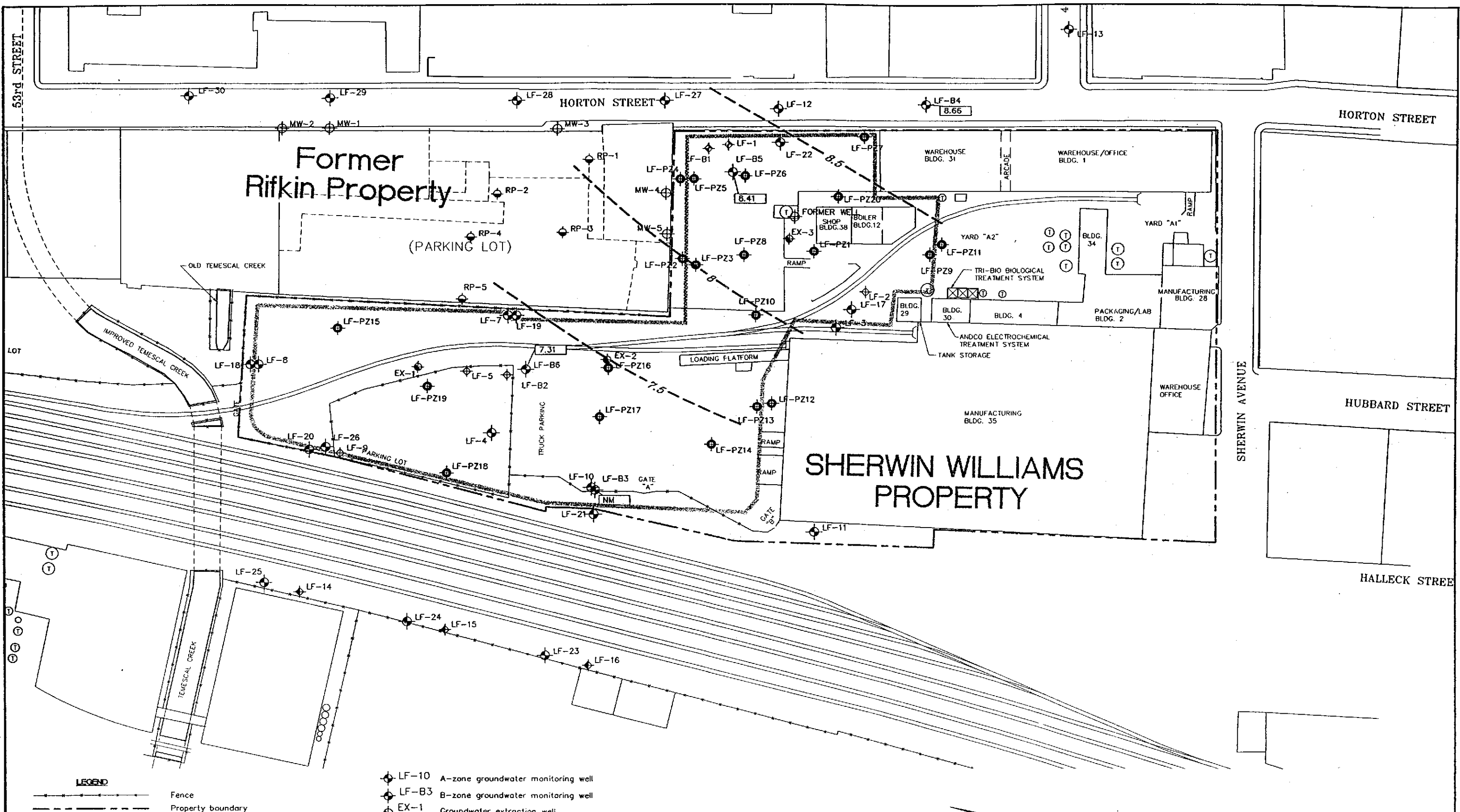


SHERWIN WILLIAMS

A-Zone Groundwater Elevation Map
December 15, 1997

Levine-Fricke-Recon Figure 3

Project No. 3435

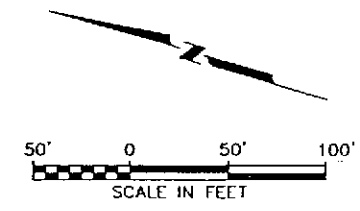


LEGEND

- Fence
- Property boundary
- Area of investigation boundary
- Soil bentonite slurry cut off wall
- Cement bentonite slurry cut off wall
- Rail road tracks
- Groundwater elevation contour (dashed where inferred)
- Groundwater elevation

- LF-10 A-zone groundwater monitoring well
- LF-B3 B-zone groundwater monitoring well
- EX-1 Groundwater extraction well
- RP-1 Rifkin property monitoring well (LFR)
- MW-4 Rifkin property monitoring well (TMC)
- LF-PZ1 A-zone piezometer
- LF15 Monitoring well destroyed during railway expansion
- LF-1 Monitoring well destroyed under permit
- LF-9 Monitoring well destroyed or lost during slurry wall and cap construction

NOTE: Groundwater elevations in LF-B5 may not be representative of B-zone groundwater elevations since LF-B5 is only screened within aquifer between the A-zone and B-zone.



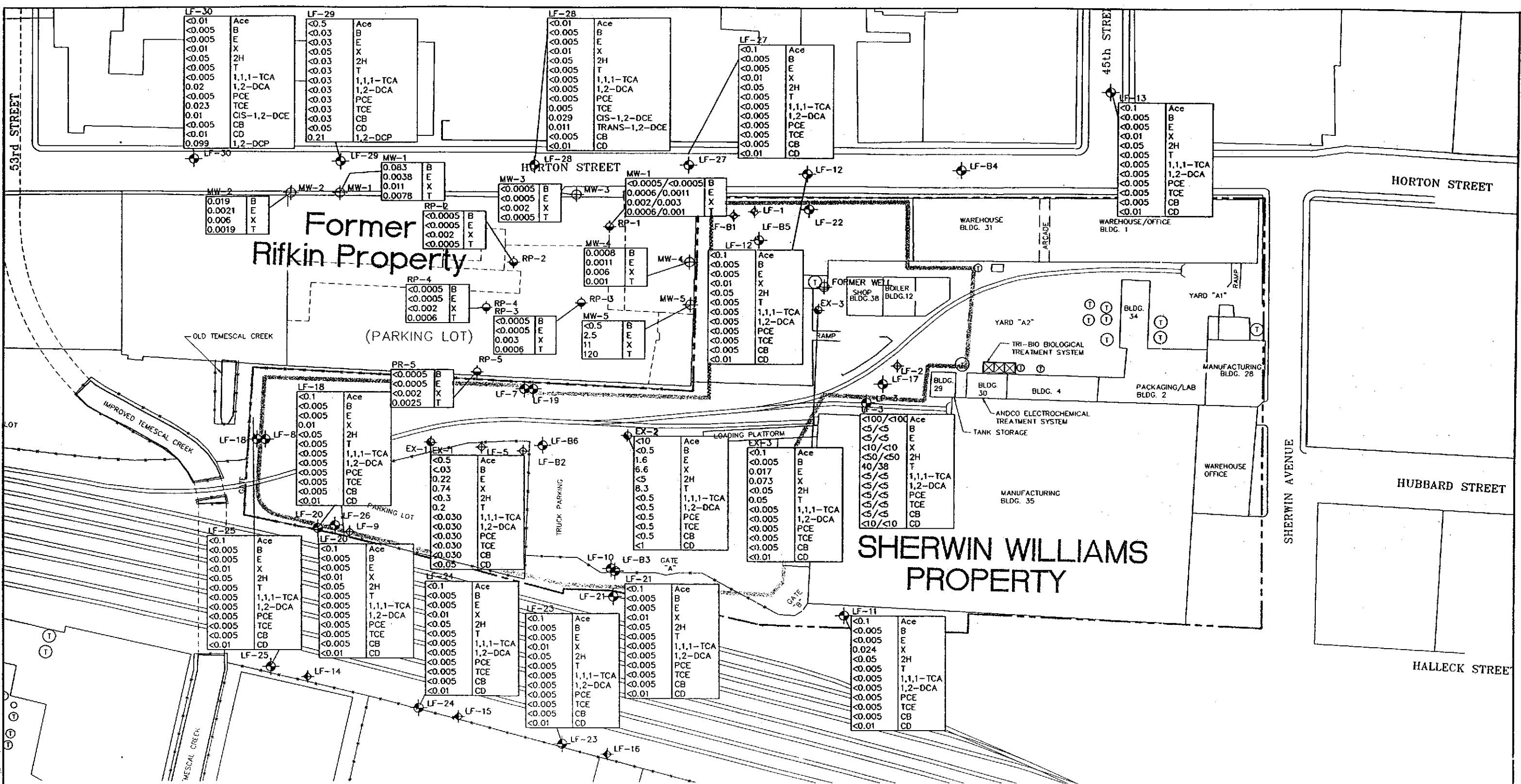
SHERWIN WILLIAMS

B-Zone Groundwater Elevation Map
December 15, 1997

Levine-Fricke-Recon

Project No. 3435

Figure 4



LEGEND

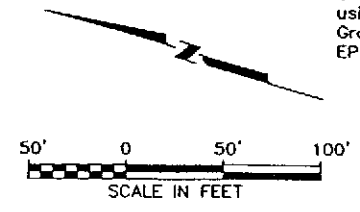
- Fence
- Property boundary
- Area of investigation boundary
- Soil bentonite slurry cut off wall
- Cement bentonite slurry cut off wall
- Rail road tracks

Duplicate analysis
 Concentration in parts per million (ppm)

- LF-10 A-zone groundwater monitoring well
- LF-B3 B-zone groundwater monitoring well
- EX-1 Groundwater extraction well
- RP-1 Rifkin property monitoring well (LFR)
- MW-4 Rifkin property monitoring well (TMC)
- LF-15 Monitoring well destroyed during railway expansion
- LF-1 Monitoring well destroyed under permit
- LF-9 Monitoring well destroyed or lost during slurry wall and cap construction

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
CIS-1,2-DCE	CIS-1,2-Dichloroethene
TRANS-1,2-DCE	TRANS-1,2-Dichloroethene
CB	Chlorobenzene
CD	Carbon Disulfide
1,2-DCP	1,2-Dichloropropane

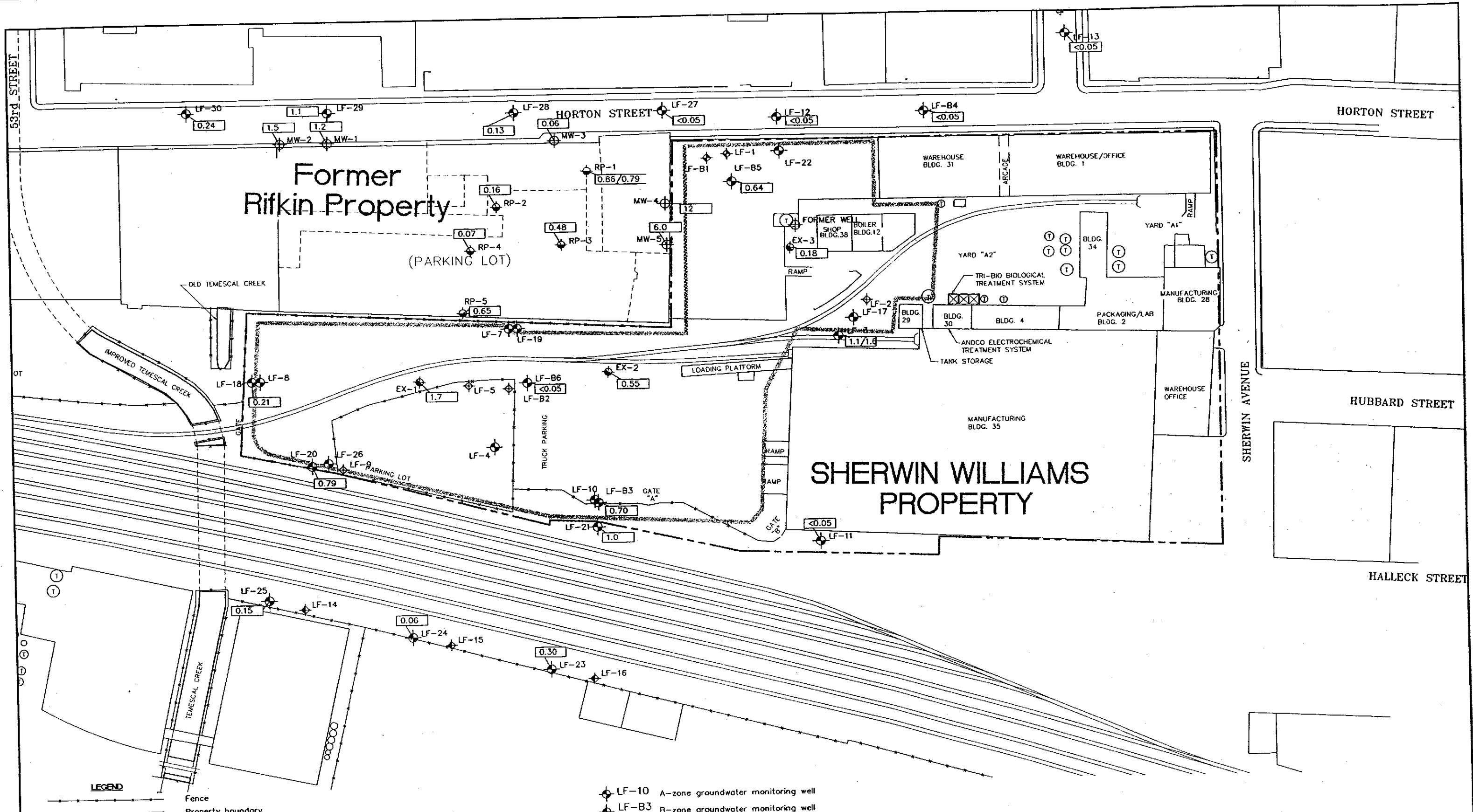
NOTE:
 Groundwater samples collected from the Sherwin-Williams plant wells were analyzed using EPA method 8240.
 Ground water samples collected from the Rifkin property wells were analyzed using EPA method 8020.



SHERWIN WILLIAMS
**Volital Organic Compounds
 A-Zone Groundwater**
 October - December 1997

Levine-Fricke-Recon
 Project No. 3435

Figure 5

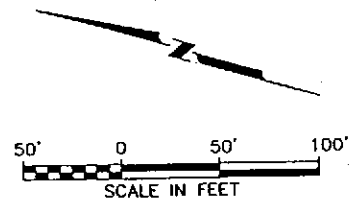


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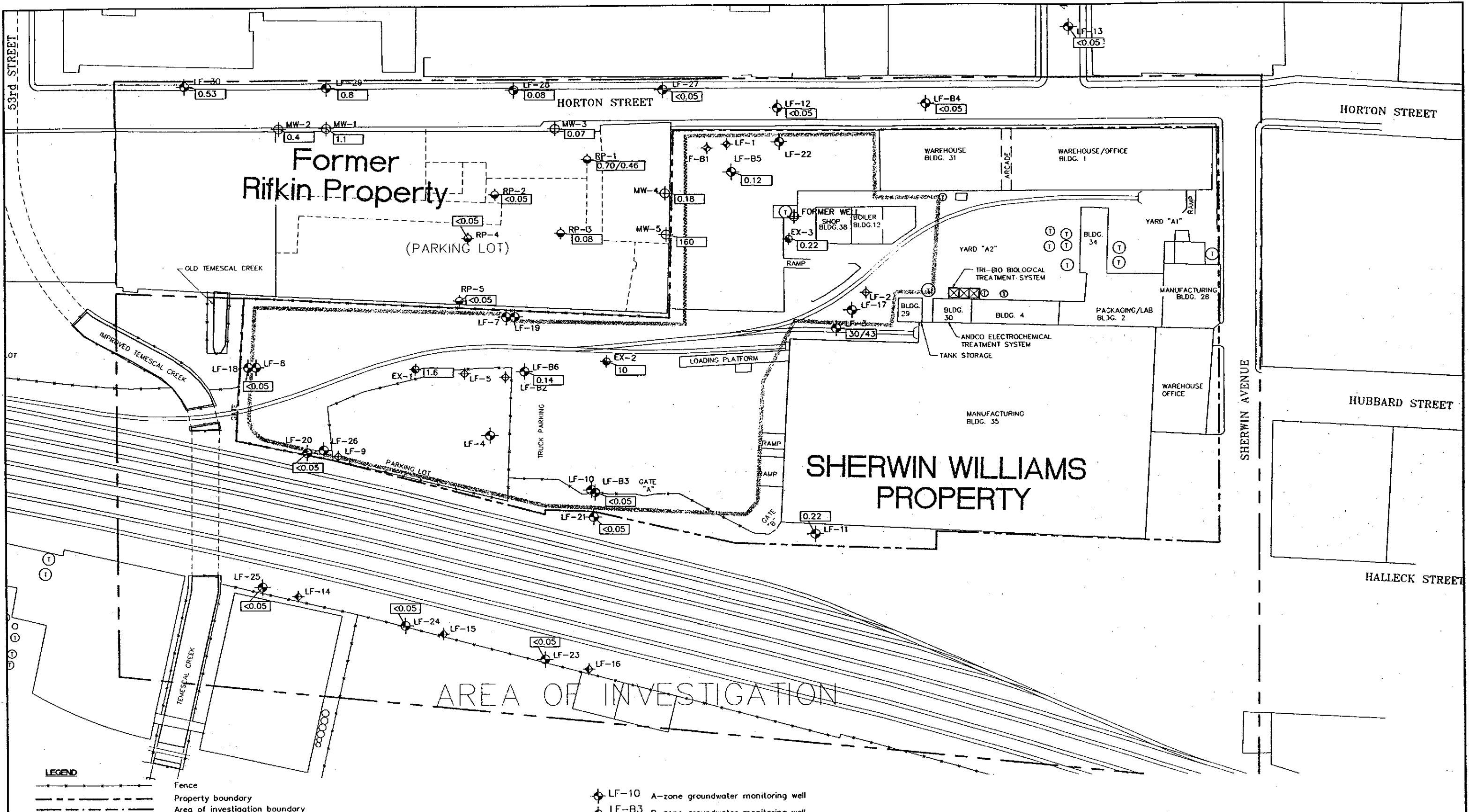
- Fence
- Property boundary
- Area of investigation boundary
- Soil bentonite slurry cut off wall
- Cement bentonite slurry cut off wall
- Rail road tracks

- LF-10 A-zone groundwater monitoring well
- LF-B3 B-zone groundwater monitoring well
- EX-1 Groundwater extraction well
- RP-1 Rifkin property monitoring well (LFR)
- MW-4 Rifkin property monitoring well (TMC)
- LF-15 Monitoring well destroyed during railway expansion
- LF-1 Monitoring well destroyed under permit
- LF-9 Monitoring well destroyed or lost during slurry wall and cap construction

Duplicate analysis
 Concentration in parts per million (ppm)
 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 aquifer between the A-zone and B-zone.



SHERWIN WILLIAMS
 Total Petroleum Hydrocarbons as Diesel
 A-Zone and B-Zone Groundwater
 October-December 1997

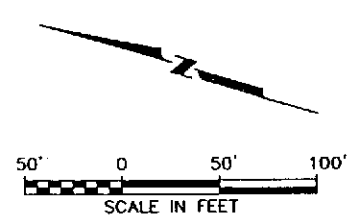


- LEGEND**
- Fence
 - - - - Property boundary
 - - - - Area of investigation boundary
 - ▬ Soil bentonite slurry cut off wall
 - ▬ Cement bentonite slurry cut off wall
 - ▬ Rail road tracks

- ⊕ LF-10 A-zone groundwater monitoring well
- ⊕ LF-B3 B-zone groundwater monitoring well
- ⊕ EX-1 Groundwater extraction well
- ⊕ RP-1 Rifkin property monitoring well (LFR)
- ⊕ MW-4 Rifkin property monitoring well (TMC)
- ⊕ LF15 Monitoring well destroyed during railway expansion
- ⊕ LF-1 Monitoring well destroyed under permit
- ⊕ LF-9 Monitoring well destroyed or lost during slurry wall and cap construction

0.70/0.46
 Duplicate analysis
 Concentration in parts per million (ppm)

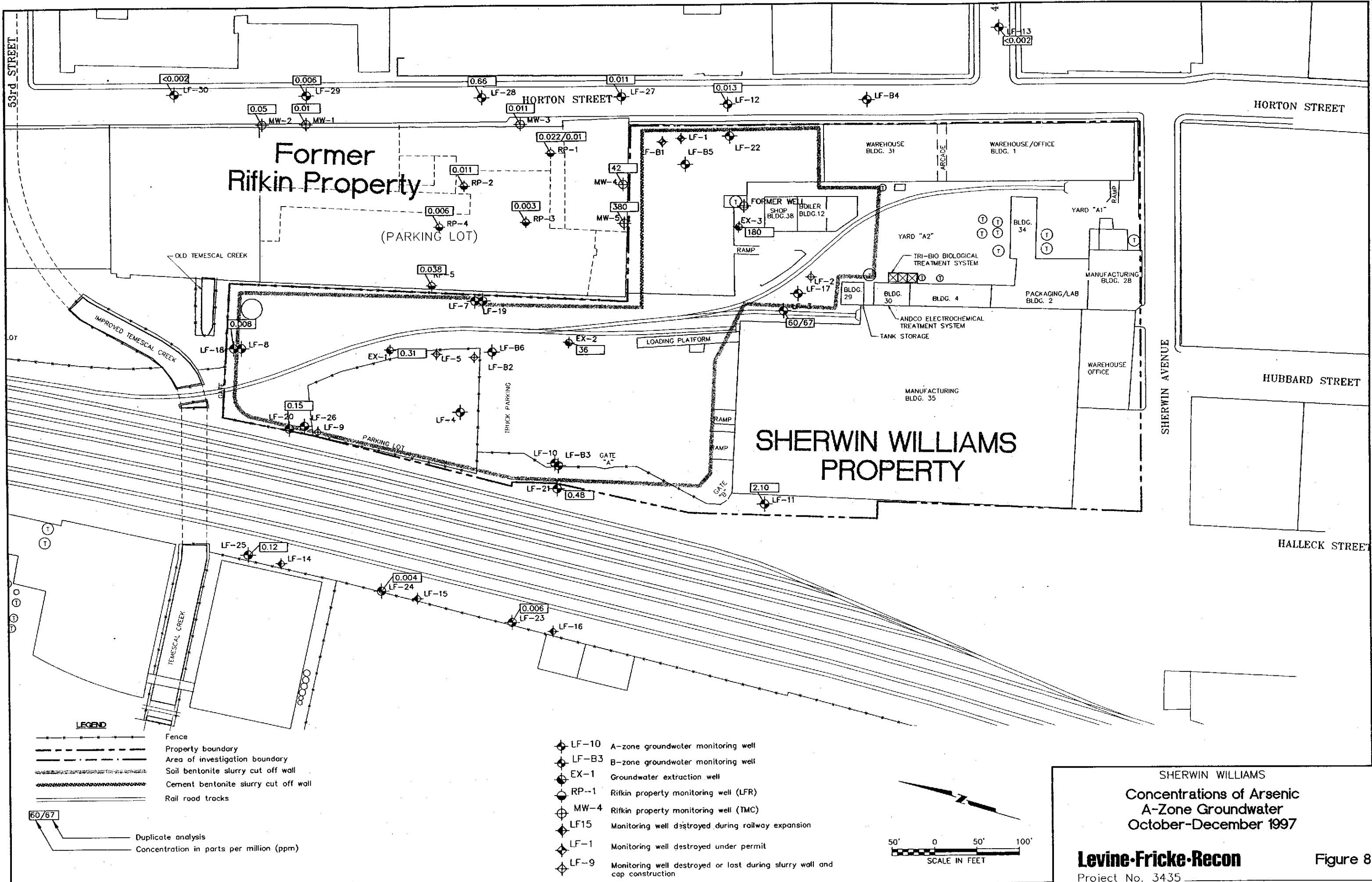
NOTE: Concentration of chemicals detected in LF-B5 may not be representative of B-zone groundwater quality since LF-B5 is only screened within the aquifer between the A-zone and B-zone.



SHERWIN WILLIAMS
**Total Petroleum Hydrocarbons as Gasoline
 A-Zone and B-Zone Groundwater
 October-December 1997**

Levine-Fricke-Recon
 Project No. 3435

Figure 7

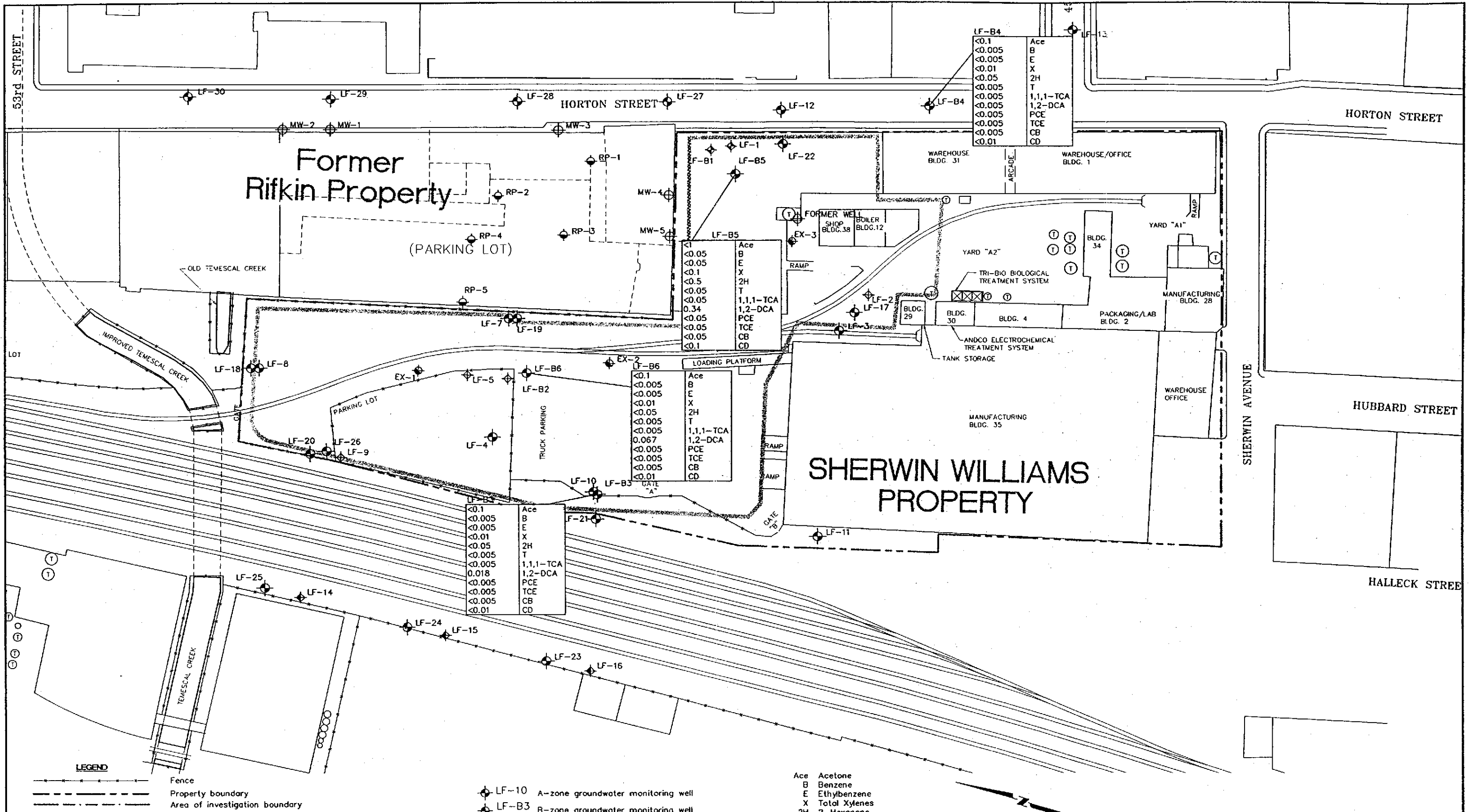


SHERWIN WILLIAMS
 Concentrations of Arsenic
 A-Zone Groundwater
 October-December 1997

Levine-Fricke-Recon

Project No. 3435

Figure 8



LF-B4	<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

LF-B5	<0.05	Ace
	<0.05	B
	<0.05	E
	<0.01	X
	<0.05	2H
	<0.05	T
	<0.05	1,1,1-TCA
	0.34	1,2-DCA
	<0.05	PCE
	<0.05	TCE
	<0.05	CB
	<0.1	CD

LF-B6	<0.1	Ace
	<0.005	B
	<0.005	E
	<0.01	X
	<0.05	2H
	<0.005	T
	<0.005	1,1,1-TCA
	0.067	1,2-DCA
	<0.005	PCE
	<0.005	TCE
	<0.005	CB
	<0.01	CD

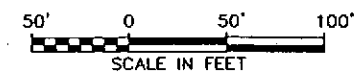
LF-B3	<0.1	Ace
	<0.005	B
	<0.005	E
	<0.01	X
	<0.05	2H
	<0.005	T
	<0.005	1,1,1-TCA
	0.018	1,2-DCA
	<0.005	PCE
	<0.005	TCE
	<0.005	CB
	<0.01	CD

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

- ◆ LF-10 A-zone groundwater monitoring well
- ◆ LF-B3 B-zone groundwater monitoring well
- EX-1 Groundwater extraction well
- ◆ RP-1 Rifkin property monitoring well (LFR)
- ◆ MW-4 Rifkin property monitoring well (TMC)
- ◆ LF15 Monitoring well destroyed during railway expansion
- ◆ LF-1 Monitoring well destroyed under permit
- ◆ LF-9 Monitoring well destroyed or lost during slurry wall and cop construction

LEGEND

- Fence
 - - - Property boundary
 - - - Area of investigation boundary
 - ▬ Soil bentonite slurry cut off wall
 - ▬ Cement bentonite slurry cut off wall
 - ▬ Rail road tracks
- <0.005 / <0.005
 Duplicate analysis
 Concentration in parts per million (ppm)



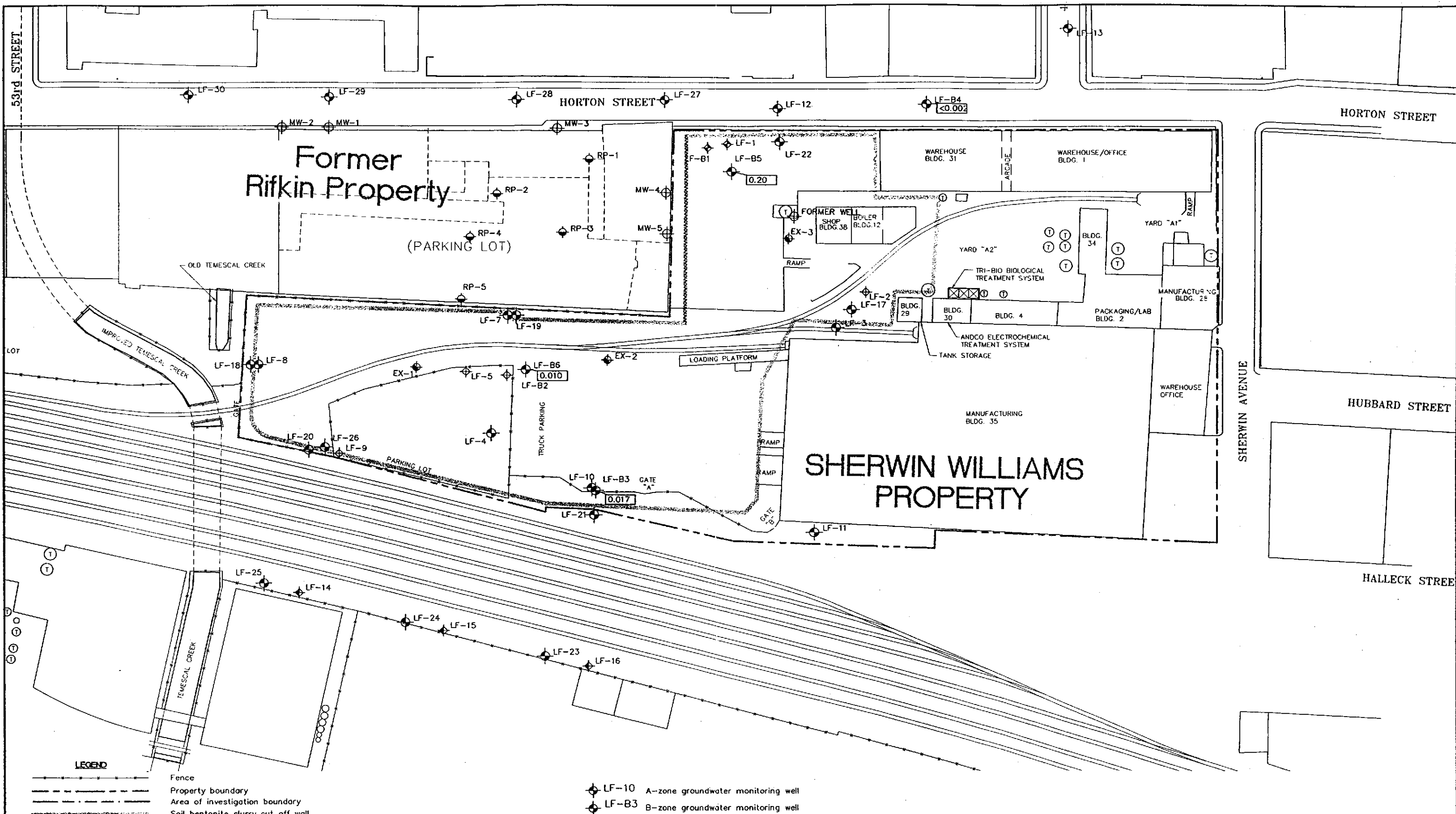
SHERWIN WILLIAMS
Volital Organic Compounds
B-Zone Groundwater
October- December 1997

Levine-Fricke-Recon

Project No. 3435

Figure 9

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 aquifer between A-zone and B-zone.

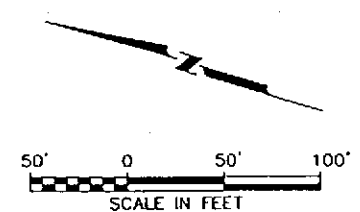


- LEGEND**
- Fence
 - - - Property boundary
 - - - Area of investigation boundary
 - Soil bentonite slurry cut off wall
 - Cement bentonite slurry cut off wall
 - Rail road tracks

60/67
 Duplicate analysis
 Concentration in parts per million (ppm)

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 aquifer between the A-zone and B-zone.

- ◆ LF-10 A-zone groundwater monitoring well
- ◆ LF-B3 B-zone groundwater monitoring well
- ◆ EX-1 Groundwater extraction well
- ◆ RP-1 Rifkin property monitoring well (LFR)
- ◆ MW-4 Rifkin property monitoring well (TMC)
- ◆ LF15 Monitoring well destroyed during railway expansion
- ◆ LF-1 Monitoring well destroyed under permit
- ◆ LF-9 Monitoring well destroyed or lost during slurry wall and cap construction



SHERWIN WILLIAMS
 Concentrations of Arsenic
 B-Zone Groundwater
 October-December 1997

Levine-Fricke-Recon
 Project No. 3435

Figure 10

APPENDIX A

SUMMARY OF QA/QC

Summary of Analytical QA/QC

Site Name: The Sherwin-Williams Plant	Site Address: 1450 Sherwin Avenue Emeryville, CA	Monitoring Period Covered: October 1 to December 31, 1997
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Analysis Performed By:
 Lab Name: American Environmental Network
 Lab Address: 3440 Vincent Road, Pleasant Hill, CA 94523
 Lab Contact: Robin Bylar
 Lab Telephone 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 206.2 or 7060
- Cadmium by EPA Method _____
- Chromium (total) by EPA Method _____
- Chromium (hexavalent)
- 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

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

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

Analysis for toluene in sample RP-5 and for BETX in sample RP-4 were run out of hold time (4-5 days pass hold time). These results are qualified as estimated. Arsenic was detected in field blank (LF-18-FB) at 0.003 mg/L. Sample was re-analyzed and reported as a non-detect with a detection limit of 0.005 mg/L.

Data entered by LG. Data proofed by KAG. QA/QC by KAG.

* 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.

Summary of Sampling QA/QC

Site Name: The Sherwin-Williams Plant	Site Address: 1450 Sherwin Avenue Emeryville, CA	Monitoring Period Covered: October 1 to December 31, 1997
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Sampling Performed By: Jeff Rodgers
Firm Name: Levine - Fricke - Recon Inc.
Firm Address: 1900 Powell Street, Emeryville, California
Firm Contact:
Firm Telephone Number: (510) 652-4500

Were chain-of-custody forms completed for all samples?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Were field parameters stabilized prior to taking samples?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
For VOCs samples, was there zero head space in sample containers?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Were samples preserved according to analytical method?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Were the required field QA/QC samples taken?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

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

Data entered by _____. Data proofed by _____. QA/QC by _____.

EPA 601: Purgeable Halocarbons	CAS No.	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

Table A-3

Common Reporting Limits for Groundwater Sample Analyses

Levine-Fricke-Recon

EPA 601: Purgeable Halocarbons	CAS No.	Reporting Limits
cis-1,2-Dichloroethene	156-59-2	0.5 µg/l

EPA 624: Purgeable Organics	CAS No.	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	20 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 No.	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 No.	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

Table A-3

Common Reporting Limits for Groundwater Sample Analyses

Levine-Fricke-Recon

EPA 625: Base/Neutrals and Acids	CAS No.	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 No.	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 No.	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

Table A-3

Common Reporting Limits for Groundwater Sample Analyses

Levine-Fricke-Recon

EPA 8270: Semivolatile Organics	CAS No.	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 No.	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 No.	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

Table A-3

Common Reporting Limits for Groundwater Sample Analyses

Levine-Fricke-Recon

EPA 8010: Water Matrix	CAS No.	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 No.	Reporting Limits
TEPH as Diesel		50 µg/l
TEPH as Gasoline		50 µg/l

EPA 504 (Modified)	CAS No.	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