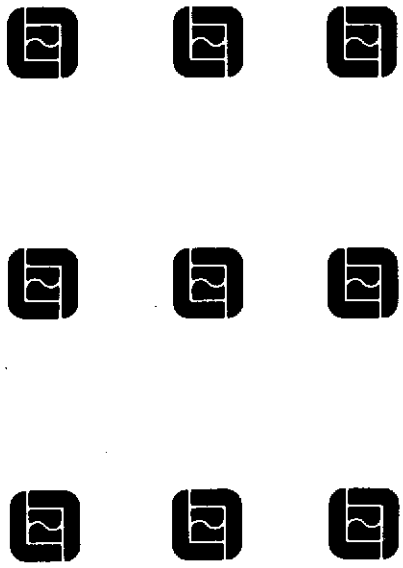

Report of Annual Ground-Water Monitoring Conducted in July 1992 The Sherwin-Williams Plant Emeryville, California

1563.06
December 16, 1992

Prepared for:

The Sherwin-Williams Company
1450 Sherwin Avenue
Emeryville, California

LEVINE·FRICKE

LEVINE•FRICKE
ENGINEERS HYDROGEOLOGISTS & APPLIED SCIENTISTS

December 16, 1992

LF 1563.06

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

Subject: Report of Annual Ground-Water Monitoring Program
Conducted in July 1992
The Sherwin-Williams Plant
Emeryville, California

Dear Mr. Feldman:

The enclosed report presents the results of the annual ground-water monitoring program conducted in July 1992 for the Sherwin-Williams plant in Emeryville, California.

The annual monitoring program included measuring ground-water elevations and collecting and analyzing ground-water samples for volatile organic compounds using EPA Method 8240, semivolatile organic compounds using EPA Method 8270, total petroleum hydrocarbon compounds as diesel using EPA Method 3510, total petroleum hydrocarbon compounds as gasoline using EPA Method 5030, and inorganic compounds as eight metals (arsenic, barium, cadmium, total chromium, lead, mercury, selenium, and silver) using EPA Method 200/6000/7000 Series.

Please call me or Mark D. Knox, P.E., if you have any questions.

Sincerely,

John DeReamer

John DeReamer
Senior Project Hydrogeologist

Enclosure

cc: distribution list

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CERTIFICATION

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

Donald T. Bradshaw
Senior Hydrogeologist
California Registered Geologist (5300)

12/14/92
Date

December 16, 1992 LF-1563.06

**REPORT OF ANNUAL GROUND-WATER MONITORING
CONDUCTED IN JULY 1992
THE SHERWIN-WILLIAMS PLANT, EMERYVILLE, CALIFORNIA**

1.0 INTRODUCTION AND SCOPE

This annual ground-water monitoring report has been prepared for submittal to the Regional Water Quality Control Board (RWQCB) as part of a continuing environmental investigation undertaken by The Sherwin-Williams Company for its manufacturing facility located at 1450 Sherwin Avenue, Emeryville, California ("the Site"; Figures 1 and 2). This work was conducted in accordance with the Sherwin-Williams Company's Self-Monitoring Plan for 1992-1993 which includes a description of the annual and semiannual ground-water monitoring programs to be conducted for the Site (Levine·Fricke, 1992b).

The annual monitoring program, conducted in July 1992, included measuring ground-water elevations and collecting samples for laboratory analysis from all accessible monitoring wells at the Site. The semiannual program, to be conducted at the end of the year, includes measuring ground-water elevations from all accessible monitoring wells and collecting samples for laboratory analysis from the Site's perimeter monitoring well network.

The following activities were conducted for the 1992 annual monitoring event:

- Ground-water levels were measured in on-site and off-site monitoring wells (LF-1, LF-3, LF-4, LF-5, LF-7 through LF-16, and LF-B1 through LF-B4) and in Temescal Creek.
- Ground-water samples were collected from 14 A-zone monitoring wells located in on-site and off-site areas (LF-1, LF-3, LF-4, LF-5, and LF-7 through LF-16) and four B-zone monitoring wells (LF-B1 through LF-B4).
- Ground-water samples were analyzed for volatile organic compounds (VOCs) using EPA Method 8240, for semivolatile organic compounds (SVOCs) using EPA Method 8270, for total petroleum hydrocarbons as diesel (TPHd) using EPA Extraction Method 3510, for total petroleum hydrocarbons as gasoline (TPHg) using EPA Extraction Method 5030, and for

inorganic compounds as eight metals (arsenic, barium, cadmium, total chromium, lead, mercury, selenium, and silver) using EPA Method 200/6000/7000 Series.

Data were collected and are reported in accordance with the guidelines set forth in the Quality Assurance Project Plan (QAPP) prepared for this project by Levine·Fricke (Levine·Fricke, 1990a).

2.0 GROUND-WATER ELEVATIONS AND FLOW DIRECTIONS

Ground-water elevations were measured in A-zone monitoring wells LF-1, LF-3, LF-4, LF-5, and LF-7 through LF-16, and in B-zone monitoring wells LF-B1 through LF-B4 (Table 1) on July 10, 1992. The surface-water elevation of Temescal Creek was also measured on July 10. Ground-water elevation data were not collected for A-zone wells LF-2 or LF-6. In July, LF-2 was covered by construction debris and was inaccessible. However, ground-water elevation and product thickness measurements were collected for well LF-2 on September 15. A-zone monitoring well LF-6 was abandoned by sealing it with cement bentonite grout on August 2, 1990 (Levine·Fricke, 1990b).

Ground-water elevations and directions of ground-water flow in the A zone and the B zone are illustrated in Figures 3 and 4, respectively. As shown in Figure 3, ground-water flow in the A zone is generally to the northwest. Ground-water flow in the B zone is also to the northwest. This is consistent with ground-water flow directions previously reported for the Site.

3.0 GROUND-WATER QUALITY SAMPLING

Levine·Fricke personnel collected ground-water samples for chemical analysis during the period from July 8 through July 10, 1992, from A-zone monitoring wells LF-1, LF-3, LF-4, LF-5, and LF-7 through LF-16, and from B-zone monitoring wells LF-B1 through LF-B4. No samples were collected from wells LF-6 and LF-2, since they were respectively abandoned and inaccessible, as described in Section 2.0. Ground water from well LF-2 has not been sampled since July 1990 because approximately 3 inches of floating product has been observed in the well during subsequent sampling programs. The thickness of the floating product, previously characterized as weathered diesel (Levine·Fricke, 1990b), was most recently measured on September 15, 1992.

Wells were generally sampled based on historical data in the order of increasing concentration of arsenic, as indicated in Table 2. Sampling order was controlled to minimize the potential for laboratory cross-contamination of analyzed samples, particularly for arsenic.

A minimum of 3 well volumes of water was purged from each 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 were 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 55-gallon drum and then transferred to a holding tank located in an on-site area, pending approved disposal. Field measurements of temperature, pH, and specific conductance of the evacuated water were recorded during purging; monitoring wells were sampled after these parameters had stabilized.

After each well had been purged, ground-water samples were collected for laboratory analysis using a new disposable polyethylene bailer for each well. Samples were collected using the containers indicated in Table 3. The vials containing ground-water samples for Method 8240 analysis and the vials containing ground-water samples for TPHg analysis were gently filled to overflowing, capped, and checked for trapped air. Water samples for Method 8270 and TPHd analysis were collected in 1-liter brown glass bottles with Teflon septa. Water samples for TPHd analysis were collected in 1-liter brown glass bottles. Water samples for metals analysis were collected in 1-liter plastic bottles without preservative and were filtered in the laboratory using 0.45-micron filters. All samples for chemical analysis were analyzed by Anametrix Laboratory of San Jose, California, a state-certified laboratory, according to EPA Method protocols.

The field records of the measured sampling parameters are included in Appendix A. Laboratory certificates are included in Appendix B. A review of the quality of the reported data is included in the quality assurance/quality control (QA/QC) discussion in Appendix C.

4.0 GROUND-WATER QUALITY ANALYSIS RESULTS

4.1 A-Zone Water-Quality Results

Analytical results for samples collected from A-zone wells are presented in Table 4 for VOCs, Table 5 for SVOCs, Table 6 for TPHd, Table 7 for TPHg, and Table 8 for inorganic compounds. Graphic illustrations of chemical concentrations detected in A-zone wells are presented in Figure 5 for VOCs, Figure 6 for SVOCs, Figure 7 for TPHd, Figure 8 for TPHg, and Figure 9 for inorganic compounds.

4.1.1 Volatile Organic Compounds

As illustrated in Figure 5, a total of 14 A-zone wells were sampled for VOCs during this sampling round. The samples for VOC analysis were analyzed using EPA Method 8240. VOCs detected in A-zone wells during this sampling event were primarily non-chlorinated organic compounds including benzene, toluene, ethylbenzene, and xylenes (BTEX). BTEX compounds were detected in four of the sampled A-zone wells (LF-1, LF-3, LF-4, and LF-5) and were not detected in eight of the sampled A-zone wells (LF-7 through LF-16). The only chlorinated VOC detected in samples from on-site A-zone wells was chlorobenzene, which was detected at a low concentration in LF-4. The chlorinated organic compound 1,1,1-trichloroethane (1,1,1-TCA) was detected in the sample from LF-13, which is located on the upgradient off-site margin of the Sherwin-Williams site.

4.1.2 Semivolatile Organic Compounds

As illustrated in Figure 6, a total of 14 A-zone wells were sampled for SVOCs during this sampling round. The samples were analyzed using EPA Method 8240. SVOC results for A-zone wells during this sampling round indicated relatively low concentrations of several SVOCs, including 2-methylphenol, 4-methylphenol, 2,4-dimethylphenol, and naphthalene; see Table 5, Figure 6, and Appendix B. These compounds were only detected in samples from two wells (LF-3 and LF-5). LF-3 is located in the former oils tank farm area and LF-5 is located in the former solvent tank farm area.

Ground-water samples from on-site downgradient perimeter wells LF-8, LF-9, LF-10, and LF-11 had SVOC results reported as below laboratory detection limits. SVOC results were also below laboratory detection limits for upgradient monitoring wells LF-12 and LF-13, and off-site downgradient monitoring

wells LF-14, LF-15, and LF-16 (see Table 5, Figure 6, and Appendix B).

4.1.3 Total Petroleum Hydrocarbons as Diesel

TPHd results for on-site A-zone wells LF-1, LF-3, LF-4, and LF-5, and downgradient on-site perimeter wells LF-7 through LF-11, indicated detectable concentrations of longer-chain hydrocarbon compounds (see Table 6, Figure 7, and Appendix B).

TPHd results for upgradient monitoring wells LF-12 and LF-13, and off-site downgradient monitoring well LF-15, were below laboratory detection limits (see Table 6, Figure 7, and Appendix B). TPHd results for off-site downgradient A-zone wells LF-14 and LF-16 indicated detectable concentrations of TPHd.

As indicated in the laboratory reports in Appendix B and the footnotes of Table 6, the concentrations reported as diesel by Anametrix for samples LF-3, LF-4, LF-5, LF-9, and LF-10 are primarily caused by the presence of a lighter petroleum product, such as gasoline and/or toluene.

4.1.4 Total Petroleum Hydrocarbons as Gasoline

TPHg results for on-site A-zone wells LF-3, LF-4, and LF-5, and downgradient on-site perimeter wells LF-7, LF-9, and LF-10, indicated detectable concentrations of volatile hydrocarbon compounds (see Table 7, Figure 8, and Appendix B).

TPHg results were reported below laboratory method detection limits for upgradient monitoring wells LF-1, LF-12, and LF-13, on-site downgradient perimeter wells LF-8 and LF-11, and off-site downgradient monitoring wells LF-14, LF-15, and LF-16 (see Table 7, Figure 8, and Appendix B).

As indicated in the laboratory reports in Appendix B and the footnotes of Table 7, the concentrations reported as TPHg by Anametrix for samples LF-5, LF-B1, and LF-B3 are primarily caused by the presence of a discrete hydrocarbon compound not indicative of gasoline.

4.1.5 Inorganic Compounds

Ground-water samples collected during this sampling event were analyzed for inorganic compounds using EPA Method 200/6000/7000 Series for eight metals. The results are summarized in Table 8 and are illustrated in Figure 9. The results for all analyzed ground-water samples were below the analytical method

detection limits for all the analyzed compounds except arsenic, cadmium, and barium. As indicated in the laboratory reports in Appendix B, the analytical detection limits for the analyzed metals ranged from 0.00027 parts per million (ppm) for mercury to 0.100 ppm for barium.

Arsenic is the primary inorganic compound of concern at this site. As indicated in Figure 9, arsenic was detected in four of the nine sampled on-site A-zone monitoring wells. In addition, arsenic was detected in on-site downgradient perimeter monitoring well LF-10. Arsenic results for ground-water samples from off-site downgradient monitoring wells LF-14, LF-15, and LF-16 included detectable concentrations of arsenic in well LF-14 (0.039 ppm) but not in wells LF-15 or LF-16.

Cadmium was detected in the ground-water samples from LF-1 and LF-3. The results for cadmium for all other sampled wells were below the method detection limit of 0.010 ppm.

Barium was detected in the ground-water samples from wells LF-3, LF-4, LF-5, LF-11, and LF-15. The results for barium for all other sampled wells were below the method detection limit of 0.100 ppm.

Metals results for ground water samples from off-site upgradient monitoring wells LF-12 and LF-13 were below laboratory detection limits (Table 8 and Appendix B).

4.2 B-Zone Water-Quality Results

Analytical results for samples collected from B-zone wells are presented in Table 4 for VOCs, Table 5 for SVOCs, Table 6 for TPHd, Table 7 for TPHg, and Table 8 for inorganic compounds. Analytical results for B-zone wells are illustrated in Figure 10 for VOCs; Figure 11 for SVOCs; and Figure 12 for inorganic compounds. B-zone results for TPHd and TPHg are illustrated in Figures 7 and 8 respectively.

4.2.1 Volatile Organic Compounds

As illustrated in Figure 10, VOC results for B-zone monitoring wells (LF-B1, LF-B2, LF-B3, and LF-B4) indicated detectable concentrations of 1,2-dichloroethane (1,2-DCA) in wells LF-B1, LF-B2, and LF-B3. 1,2-DCA results for well LF-B4 were below the laboratory detection limit (0.005 ppm). This compound has generally not been detected in samples from A-zone wells at the Site and appears to have an off-site origin since the highest concentration is observed in the sample from well

LF-B1, which is located on the upgradient margin of the Site (see Figure 10).

4.2.2 Semivolatile Organic Compounds

The results of SVOC analyses of ground-water samples collected from B-zone monitoring wells (LF-B1 through LF-B4) were all below the laboratory detection limits (see Table 5, Figure 11, and Appendix B).

4.2.3 Total Petroleum Hydrocarbons as Diesel

The results of TPHd analysis of ground-water samples collected from B-zone monitoring wells (LF-B1 through LF-B4) were all below the detection limit of 0.050 ppm (see Table 6, Figure 7, and Appendix B).

4.2.4 Total Petroleum Hydrocarbons as Gasoline

The results of TPHg analysis of ground-water samples collected from B-zone monitoring wells (LF-B1 through LF-B4) indicated detectable concentrations of TPHg in wells LF-B1 and LF-B3. The results for LF-B2 and LF-B4 were below the laboratory detection limit of 0.050 ppm (see Table 7, Figure 8, and Appendix B). As indicated in the laboratory reports of Appendix B and the footnotes of Table 7, the concentrations of TPHg reported by Anametrix for samples from LF-B1 and LF-B3 are primarily caused by the presence of a discrete hydrocarbon compound not indicative of gasoline.

4.2.5 Inorganic Compounds

Results of analyses for inorganic compounds as eight metals indicated that arsenic was not present in ground-water samples collected from wells LF-B1 through LF-B4 at concentrations above the laboratory detection limit of 0.010 ppm (see Table 8, Figure 12, and Appendix B). Detectable concentrations of barium were reported for the ground-water samples from wells LF-B1, LF-B2, and LF-B4. The results for all other analyzed metals in B-zone wells were below detection limits as indicated in the laboratory reports in Appendix B.

5.0 QUALITY ASSURANCE/QUALITY CONTROL (QA/QC) PROCEDURES AND RESULTS

QA and QC measures were implemented to maintain data quality and to minimize the potential for field and/or laboratory cross contamination of samples, particularly for arsenic.

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 Appendix C and in Table C-1. These results indicate that the implemented QA/QC controls were effective in eliminating field and/or laboratory cross contamination of samples, particularly with regard to arsenic results.

REFERENCES

Levine•Fricke, Inc. 1990a. Quality assurance project plan for Sherwin-Williams Plant, Emeryville, California. November 29 (unpublished report).

———. 1990b. Quarterly report of ground-water monitoring for the period of July 1 through September 30, 1990, Sherwin-Williams Plant, Emeryville, California. November 29.

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———. 1992a. Semiannual ground-water monitoring report, December 1991, The Sherwin-Williams Plant, Emeryville, California. March 19.

———. 1992b. Self-monitoring plan for 1992-1993: Annual and semiannual ground-water monitoring program, The Sherwin-Williams Plant, Emeryville, California. May 18.

TABLE 1

GROUND-WATER ELEVATION DATA
JULY 1992

Well Number	Date	Well Elevation (feet Mean Sea Level)	Well Elevation (feet Mean Lower Low Water)	Measured Depth to Ground Water (feet)	Ground-Water Elevation* (feet) (MLLW Datum)
LF-1	Jul-10-92	16.92	19.78	9.08	10.70
LF-2	Jul-10-92	12.24	15.10	NM **	--
LF-3	Jul-10-92	11.98	14.84	5.09	9.75
LF-4	Jul-10-92	13.05	15.91	7.21	8.70
LF-5	Jul-10-92	10.25	13.11	4.21	8.90
LF-6	Sealed August 2, 1990				
LF-7	Jul-10-92	11.08	13.94	4.82	9.12
LF-8	Jul-10-92	12.75	15.61	7.14	8.47
LF-9	Jul-10-92	10.44	13.30	5.27	8.03
LF-10	Jul-10-92	10.32	13.18	4.17	9.01
LF-11	Jul-10-92	10.08	12.94	3.68	9.26
LF-12	Jul-10-92	14.97	17.83	7.08	10.75
LF-13	Jul-10-92	14.76	17.62	6.68	10.94
LF-14	Jul-10-92	10.03	12.89	5.74	7.15
LF-15	Jul-10-92	9.80	12.66	4.83	7.83
LF-16	Jul-10-92	10.10	12.96	4.56	8.40
LF-B1	Jul-10-92	17.11	19.97	10.09	9.88
LF-B2	Jul-10-92	9.72	12.58	3.20	9.38
LF-B3	Jul-10-92	10.35	13.21	3.81	9.40
LF-B4	Jul-10-92	14.54	17.40	6.79	10.61
Surface Water of Temescal Creek	Jul-10-92	10.98	13.84	9.70	4.14

Notes:

* = The correction factor to convert to a Mean Lower Low Water Datum (MLLW) is +2.86 for the Berkeley Marina on San Francisco Bay. The MLLW provides a preferred plane of reference for water levels that may be close to the level of low tide.

Well elevations for LF-B1, LF-B2, LF-B3, LF-B4, and LF-5 were resurveyed by Nolte Associates of San Jose, California on August 6, 1991.

** = Well LF-2 was covered with construction debris at the time of measurement.

TABLE 2

SEQUENCE OF WELLS SAMPLED, JULY 1992

(Includes schedule for collection and submittal of trip blanks and bailer rinsate blanks)

Sampling Date, Sampling Order, And Sample Identification	Arsenic Results From Previous Sampling Reported In Parts Per Million
Samples Collected on July 8, 1992	
LF-B3-Trip Blank	
LF-13	<0.010
LF-12	<0.010
LF-B4	<0.010
LF-B1	<0.010
LF-B2	<0.010
LF-B3-BR	
LF-B3	<0.010
LF-15	<0.010
Samples Collected on July 9, 1992	
LF-7-Trip Blank	
LF-16	<0.010
LF-14	0.104
LF-7	<0.010
LF-7-DUP	
LF-11	0.011
LF-8	0.016
LF-9-BR	
LF-9	0.046
LF-4	0.510
LF-5	0.038
Samples Collected on July 10, 1992	
LF-3-Trip Blank	
LF-10	0.704
LF-3	60.400
LF-3-DUP	
LF-1	58.000

Notes:
DUP = Duplicate
BR = Bailer Rinsate Blank

TABLE 3

SAMPLE CONTAINERS, PRESERVATION METHODS, AND HOLDING TIMES

EPA Method	Parameter	Volume	Container	Preservation (degrees Celsius)	Holding Time
601/8010	halogenated volatile organics	40 ml	glass	4	14 days
Modified 8015	total petroleum hydrocarbons analyzed as gasoline	40 ml	glass	4 (1)	14 days
3510	total petroleum hydrocarbons analyzed as diesel	2 L	glass	4	14 days
602/8020	aromatic volatile organic compounds	40 ml	glass	4 (1)	14 days
624/8240	volatile organic compounds	40 ml	glass	4 (1)	14 days
625/8270	base/neutral/acid extractables	2 L	glass	4	extract within 7 days and analyze within 40 days of extraction.
200/7000 Series	priority pollutant metals	1 L	plastic	4 (2)	6 months

Notes:
(1) Water samples preserved with hydrochloric acid.
(2) Water samples preserved following filtration with nitric acid so that pH <2.

Soils are to be collected in brass tubes (undisturbed soils) or glass jars (disturbed soils).
Preservation of soils will only include keeping samples at 4 degrees Celsius.

TABLE 4

HISTORICAL WATER-QUALITY DATA SUMMARY

VOLATILE ORGANIC COMPOUNDS, EPA METHOD 8240

(All concentrations expressed in parts per million [ppm])

Well Number	Date Sampled	Lab	Lab I.D. Number	Acetone	Benzene	Ethyl-Benzene	Methyl Ethyl Ketone	Total Xylenes	2-Hexa-none	Toluene	1,1,1-TCA	1,2-DCA	PCE	TCE	Chloro-benzene	Total Quantified Conc.	Notes
LF-1	01-Jun-89	B&C	89060194	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	B&C	12-212-1	<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	B&C	07-506-7	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	ANA	9106274-08	<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	ANA	9207119-16	<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-2	02-Jun-89	B&C	89060501	<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	B&C	12-212-3	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	B&C	07-506-5	<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-3	02-Jun-89	B&C	89060502	<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	B&C	12-212-4	<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	B&C	07-506-6	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	ANA	9106274-07	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	ANA	9207119-13	<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	ANA	9207119-14	<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-4	02-Jun-89	B&C	89060503	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	B&C	89060504	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	B&C	12-174-1	<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	B&C	12-174-6	<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	B&C	07-506-3	<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	ANA	9106274-02	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	ANA	9106274-03	<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	ANA	9207119-10	<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-5	01-Jun-89	B&C	89060192	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	B&C	12-174-4	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	B&C	07-506-2	<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	ANA	9108069-05	<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	

TABLE 4
HISTORICAL WATER-QUALITY DATA SUMMARY
VOLATILE ORGANIC COMPOUNDS, EPA METHOD 8240
(All concentrations expressed in parts per million [ppm])

Well Number	Date Sampled	Lab	Lab I.D. Number	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-5	09-Jul-92	ANA	9207119-11	<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-6	01-Jun-89	B&C	89060193	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	B&C	12-128-3	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	B&C	07-506-4	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	B&C	89060191	<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	B&C	12-174-3	<0.010	0.031	0.052	<0.020	0.150	<0.001	0.003	<0.001	<0.001	<0.001	<0.001	0.007	0.243	
LF-7	19-Jul-90	B&C	07-485-4	<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	ANA	9106251-06	<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	ANA	9207119-03	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
DUP	09-Jul-92	ANA	9207119-04	<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	05-Dec-89	B&C	12-128-4	<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	B&C	07-485-5	<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	B&C	12-529-3	<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	ANA	9106251-07	<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	ANA	9207119-05	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
LF-9	05-Dec-89	B&C	12-128-1	<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	B&C	07-485-6	<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	B&C	12-529-5	<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	ANA	9106274-05	<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	ANA	9207119-09	<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-10	07-Dec-89	B&C	12-212-5	<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	B&C	07-485-7	<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	B&C	12-529-6	<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	B&C	12-529-7	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.020	

TABLE 4

HISTORICAL WATER-QUALITY DATA SUMMARY

VOLATILE ORGANIC COMPOUNDS, EPA METHOD 8240

(All concentrations expressed in parts per million [ppm])

Well Number	Date Sampled	Lab	Lab I.D. Number	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-10	21-Jun-91	ANA	9106274-06	<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	ANA	9106274-06	<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	ANA	9207119-12	<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-Dec-89	B&C	12-128-2	<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	B&C	12-128-5	<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	B&C	07-485-3	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	
LF-11	21-Dec-90	B&C	12-529-4	<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	ANA	9106069-03	<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	ANA	9106251-04	<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	ANA	9207119-06	<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	06-Dec-89	B&C	12-174-2	<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	B&C	07-444-5	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	0.002	<0.001	0.003	
LF-12	19-Dec-90	B&C	12-474-5	<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	ANA	9106245-04	<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	ANA	9207088-03	<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	06-Dec-89	B&C	12-174-7	<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	B&C	07-444-4	<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	B&C	12-474-4	<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	ANA	9106245-03	<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	ANA	9207088-02	<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-14	04-Sep-90	B&C	07-444-4	<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	B&C	12-505-7	<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	ANA	9106251-08	<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	ANA	9207119-07	<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	

TABLE 4

HISTORICAL WATER-QUALITY DATA SUMMARY

VOLATILE ORGANIC COMPOUNDS, EPA METHOD 8240

(All concentrations expressed in parts per million [ppm])

Well Number	Date Sampled	Lab	Lab I.D. Number	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-15	04-Sep-90	B&C	07-444-5	<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	B&C	12-505-6	<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	ANA	9106251-09	<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	ANA	9207088-09	<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	04-Sep-90	B&C	07-444-6	<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	B&C	12-505-5	<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	ANA	9106251-10	<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	ANA	9207119-01	<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-B1	07-Dec-89	B&C	12-212-6	<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	
LF-B1	18-Jul-90	B&C	07-444-9	<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	
LF-B1	20-Dec-90	B&C	12-505-4	<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	
LF-B1	20-Jun-91	ANA	9106251-05	<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	
LF-B1	08-Jul-92	ANA	9207088-04	<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	06-Dec-89	B&C	12-174-5	<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	B&C	07-444-6	<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	B&C	07-444-7	<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	B&C	12-474-6	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.001	<0.001	0.004	0.002	<0.001	<0.001	0.006	
LF-B2	20-Jun-91	ANA	9106251-04	<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	ANA	9207088-05	<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-B3	07-Dec-89	B&C	12-212-8	<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	B&C	12-212-10	<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	B&C	07-444-8	<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	B&C	12-505-3	<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	ANA	9106245-05	<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	ANA	9207088-08	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	0.110	<0.005	<0.005	<0.005	0.110	

TABLE 4
HISTORICAL WATER-QUALITY DATA SUMMARY
VOLATILE ORGANIC COMPOUNDS, EPA METHOD 8240
(All concentrations expressed in parts per million (ppm))

Well Number	Date Sampled	Lab	Lab I.D. Number	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-B4	18-Jul-90	B&C	07-444-3	<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	B&C	12-474-3	<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	ANA	9106245-01	<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	ANA	9106245-01	<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	
FIELD BLANKS & TRIP BLANKS																	
LF-1-FB	01-Jun-86	B&C	89060195	0.012	<0.001	<0.001	<0.020	0.004	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.016	
LF-1-FB	07-Dec-89	B&C	12-212-2	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.020	
LF-B1-FB	07-Dec-89	B&C	12-212-7	<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-13-FB	06-Dec-89	B&C	12-174-12	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.020	
Trip Blank	07-Dec-89	B&C	12-212-9	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.020	
LF-B4-TB	18-Jul-90	B&C	07-444-1	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.020	
LF-B4-BB	18-Jul-90	B&C	07-444-2	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.020	
LF-11-TB	19-Jul-90	B&C	07-485-1	<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-BB	19-Jul-90	B&C	07-485-1	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.020	
LF-B4-BR	19-Dec-90	B&C	12-474-2	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.020	
LF-8-TB	21-Dec-90	B&C	12-529-1	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.020	
LF-8-BR	21-Dec-90	B&C	12-529-2	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.020	
LF-B3-BR	20-Dec-90	B&C	12-505-2	<0.010	<0.001	<0.001	<0.020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.020	
LF-B3-BR	19-Jun-91	ANA	9106245-6	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
LF-11-BR	20-Jun-91	ANA	9106251-2	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
LF-4-TB	24-Jun-91	ANA	9106274-1	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
Trip Blank	06-Aug-91	ANA	9108069-1	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
LF-B3-TB	08-Jul-92	ANA	9207088-06	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
LF-B3-BR	08-Jul-92	ANA	9207088-07	<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	

TABLE 4

HISTORICAL WATER-QUALITY DATA SUMMARY

VOLATILE ORGANIC COMPOUNDS, EPA METHOD 8240

(All concentrations expressed in parts per million [ppm])

Well Number	Date Sampled	Lab	Lab I.D. Number	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-7-TB	09-Jul-92	ANA	9207119-02	<0.020	<0.005	<0.005	<0.020	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	
LF-9-BR	09-Jul-92	ANA	9207119-08	<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	

Explanation of Symbols and Abbreviations used on Table 4:

Signifies that there is a note of explanation for laboratory results.
B&C: Brown and Caldwell Laboratory, Emeryville, California.
ANA: Anametrix Laboratory of San Jose, California

DUP = Duplicate Sample

1,1,1-TCA = 1,1,1-Trichloroethane
1,2-DCA = 1,2-Dichloroethane
PCE = Tetrachloroethene
TCE = Trichloroethene

NOTES:

#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.

TABLE 5

HISTORICAL WATER-QUALITY DATA SUMMARY

SEMIVOLATILE ORGANIC COMPOUNDS, EPA METHOD 8270

(All concentrations expressed in parts per million [ppm])

Well Number	Date Sampled	Lab	Lab I.D. Number	Type of Analysis	2-Methyl-naptha-lene	Naphtha-lene	Phenol	2-Methyl-phenol	4-Methyl-phenol	2,4-Di-methyl-phenol	Bis(2-ethyl-hexyl)-phthalate	Total All Quantified Concentrations	Notes
LF-1	01-Jun-89	B&C	89060194	8270	<0.004	0.018	<0.020	0.011	<0.010	<0.005	<0.040	0.029	
LF-1	07-Dec-89	B&C	12-212-1	8270	<0.004	<0.004	<0.020	<0.010	<0.020	<0.010	*<0.170	<0.040	
LF-1	20-Jul-90	B&C	07-506-7	8270	<0.002	<0.002	0.011	<0.005	<0.010	<0.005	<0.020	0.011	
LF-1	21-Jun-91	ANA	9106274-08	8270	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	
LF-1	09-Jul-92	ANA	9207119-16	8270	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	
LF-2	02-Jun-89	B&C	89060501	8270	<0.100	0.650	<0.500	<0.200	<0.500	<0.200	<1.000	0.650	
LF-2	07-Dec-89	B&C	12-212-3	8270	<0.020	0.320	<0.100	<0.050	<0.100	<0.050	<0.200	0.320	
LF-2	20-Jul-90	B&C	07-506-5	8270	<0.020	0.330	<0.100	<0.050	<0.100	<0.050	<0.200	0.330	
LF-3	02-Jun-89	B&C	89060502	8270	0.034	0.091	<0.100	0.020	<0.010	<0.005	<0.020	0.287	#1
LF-3	07-Dec-89	B&C	12-212-4	8270	<0.020	0.140	<0.100	0.070	0.450	<0.050	<0.200	0.660	
LF-3	20-Jul-90	B&C	07-506-6	8270	<0.020	0.160	<0.100	0.240	0.800	<0.050	<0.200	1.200	
LF-3	21-Jun-91	ANA	9106274-07	8270	<0.110	0.110	0.039	0.210	0.630	0.050	<0.110	1.039	
LF-3	09-Jul-92	ANA	9207119-13	8270	<0.100	0.150	<0.100	0.150	0.530	<0.100	<0.100	0.830	
DUP	09-Jul-92	ANA	9207119-14	8270	<0.100	0.140	<0.100	0.120	0.410	0.130	<0.100	0.800	
LF-4	02-Jun-89	B&C	89060503	8270	0.016	0.140	<0.010	<0.010	<0.010	<0.005	<0.200	0.156	
Duplicate	02-Jun-89	B&C	89060504	8270	0.009	0.095	<0.010	<0.010	<0.010	<0.005	<0.200	0.104	
LF-4	06-Dec-89	B&C	12-174-1	8270	<0.002	0.015	<0.010	<0.005	<0.010	<0.005	*<0.170	0.015	
Duplicate	06-Dec-89	B&C	12-174-6	8270	<0.002	0.007	<0.010	<0.005	<0.010	<0.005	*<0.170	0.007	
LF-4	20-Jul-90	B&C	07-506-3	8270	<0.002	0.010	0.015	<0.005	<0.010	<0.005	<0.020	0.025	
LF-4	21-Jun-91	ANA	9106274-02	8270	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	
DUP	21-Jun-91	ANA	9106274-03	8270	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	
LF-4	09-Jul-92	ANA	9207119-10	8270	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	
LF-5	01-Jun-89	B&C	89060192	8270	<0.004	0.020	<0.020	0.220	0.600	<0.005	<0.040	0.840	
LF-5	06-Dec-89	B&C	12-174-4	8270	<0.002	0.025	0.056	0.280	0.790	0.039	*<0.170	1.190	
LF-5	20-Jul-90	B&C	07-506-2	8270	<0.020	<0.020	<0.100	0.280	0.850	<0.050	<0.200	1.350	#2
LF-5	06-Aug-91	ANA	9108069-05	8270	<0.050	<0.050	<0.050	0.180	0.250	<0.050	<0.050	0.467	

TABLE 5
HISTORICAL WATER-QUALITY DATA SUMMARY
SEMIVOLATILE ORGANIC COMPOUNDS, EPA METHOD 8270
(All concentrations expressed in parts per million (ppm))

Well Number	Date Sampled	Lab	Lab I.D. Number	Type of Analysis	2-Methyl-naptha-lene	Naphtha-lene	Phenol	2-Methyl-phenol	4-Methyl-phenol	2,4-Di-methyl-phenol	Bis(2-ethyl-hexyl)-phthalate	Total All Quantified Concentrations	Notes
LF-5	09-Jul-92	ANA	9207119-11	8270	<0.020	<0.020	<0.020	0.140	0.190	<0.020	<0.020	0.330	
LF-6	05-Dec-89	B&C	12-128-5	8270	<0.040	0.060	0.380	0.160	1.000	<0.100	<0.400	1.600	
LF-6	20-Jul-90	B&C	07-506-2	8270	<0.020	<0.020	0.200	0.280	0.850	<0.050	<0.200	1.330	
LF-6	Sealed August 2, 1990												
LF-7	01-Jun-89	B&C	89060191	8270	<0.004	0.008	<0.020	<0.010	<0.010	<0.005	<0.040	0.008	
LF-7	06-Dec-89	B&C	12-174-3	8270	<0.002	<0.002	<0.010	<0.005	<0.010	<0.005	*<0.170	<0.040	
LF-7	08-Aug-90	B&C	08-171-3	8270	----	<0.002	<0.010	----	----	<0.005	<0.020	<0.020	
LF-7	06-Aug-91	ANA	9106251-06	8270	<0.013	0.005	<0.013	<0.013	<0.013	<0.013	<0.013	0.005	
LF-7	09-Jul-92	ANA	9207119-03	8270	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	
DUP	09-Jul-92	ANA	9207119-04	8270	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	
LF-8	05-Dec-89	B&C	12-128-4	8270	<0.002	0.060	0.380	<0.005	<0.010	<0.005	*<0.170	0.440	
LF-8	08-Aug-90	B&C	08-171-4	8270	----	<0.002	<0.010	----	----	<0.005	<0.020	<0.020	
LF-8	21-Dec-90	B&C	12-529-3	8270	<0.002	<0.002	<0.010	<0.005	<0.010	<0.005	<0.020	<0.020	
LF-8	20-Jun-91	ANA	9106251-07	8270	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	
LF-8	09-Jul-92	ANA	9207119-05	8270	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	
LF-9	05-Dec-89	B&C	12-128-1	8270	<0.002	<0.002	<0.010	<0.005	<0.010	<0.005	*<0.170	<0.020	
LF-9	19-Jul-90	B&C	07-485-6	8270	<0.002	<0.002	<0.010	<0.005	<0.010	<0.005	<0.002	<0.020	
LF-9	21-Dec-90	B&C	12-529-5	8270	<0.002	<0.002	<0.010	<0.005	<0.010	<0.005	<0.020	<0.020	
LF-9	21-Jun-91	ANA	9106274-05	8270	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	
LF-9	09-Jul-92	ANA	9207119-05	8270	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	
LF-10	05-Dec-89	B&C	12-128-1	8270	<0.002	0.140	<0.010	<0.005	<0.010	<0.005	*<0.170	0.140	
LF-10D	19-Jul-90	B&C	07-485-8	8270	<0.005	<0.002	<0.010	<0.005	<0.010	<0.005	<0.002	<0.010	
LF-10	21-Dec-90	B&C	12-529-6	8270	<0.002	<0.002	<0.010	<0.005	<0.010	<0.005	<0.020	<0.020	
LF-10D	21-Dec-90	B&C	12-529-7	8270	<0.002	<0.002	<0.010	<0.005	<0.010	<0.005	<0.020	<0.020	
LF-10	21-Jun-91	ANA	9106274-06	8270	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	

TABLE 5

HISTORICAL WATER-QUALITY DATA SUMMARY

SEMIVOLATILE ORGANIC COMPOUNDS, EPA METHOD 8270

(All concentrations expressed in parts per million [ppm])

Well Number	Date Sampled	Lab	Lab I.D. Number	Type of Analysis	2-Methyl-naptha-lene	Naphtha-lene	Phenol	2-Methyl-phenol	4-Methyl-phenol	2,4-Di-methyl-phenol	Bis(2-ethyl-hexyl)-phthalate	Total All Quantified Concentrations	Notes
LF-10	09-Jul-92	ANA	9207119-12	8270	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	
LF-11	05-Dec-89	B&C	12-128-2	8270	<0.002	<0.002	<0.010	<0.005	<0.010	<0.005	*<0.170	<0.010	
LF-11	08-Aug-90	B&C	08-171-5	8270	----	<0.002	<0.010	----	----	<0.005	<0.020	<0.010	
LF-11	21-Dec-90	B&C	12-529-4	8270	<0.002	<0.002	<0.010	<0.005	<0.010	<0.005	0.034	0.034	
LF-11	21-Jun-91	ANA	9106251-03	8270	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	
DUP	20-Jun-91	ANA	9106251-04	8270	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	
LF-11	09-Jul-92	ANA	9207119-06	8270	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	
LF-12	06-Dec-89	B&C	12-174-2	8270	<0.002	<0.002	<0.010	<0.005	<0.010	<0.005	*<0.170	<0.020	
LF-12	18-Jul-90	B&C	07-444-5	8270	<0.002	<0.002	<0.010	<0.005	<0.010	<0.005	0.028	0.028	
LF-12	19-Dec-90	B&C	12-474-5	8270	<0.002	<0.002	<0.010	<0.005	<0.010	<0.005	<0.020	<0.020	
LF-12	19-Jun-91	ANA	9106245-04	8270	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	
LF-12	08-Jul-92	ANA	9207088-03	8270	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	
LF-13	06-Dec-89	B&C	12-174-7	8270	<0.002	<0.002	<0.010	<0.005	<0.010	<0.005	*<0.170	<0.020	
LF-13	18-Jul-90	B&C	07-444-4	8270	<0.002	<0.002	<0.010	<0.005	<0.010	<0.005	<0.020	<0.010	
LF-13	19-Dec-90	B&C	12-474-4	8270	<0.002	<0.002	<0.010	<0.005	<0.010	<0.005	<0.020	<0.020	
LF-13	19-Jun-91	ANA	9106245-03	8270	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	
LF-13	08-Jul-92	ANA	9207088-2	8270	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	
LF-14	04-Sep-90	B&C	09-014-1	8270	<0.005	<0.002	<0.010	<0.005	<0.010	<0.005	<0.020	<0.020	
LF-14	20-Dec-90	B&C	12-505-7	8270	<0.002	<0.002	<0.010	<0.005	<0.010	<0.005	<0.020	<0.020	
LF-14	20-Jun-91	ANA	9106251-08	8270	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	
LF-14	08-Jul-92	ANA	9207119-07	8270	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	
LF-15	04-Sep-90	B&C	09-014-2	8270	<0.005	<0.002	<0.010	<0.005	<0.010	<0.005	<0.020	<0.020	
LF-15	20-Dec-90	B&C	12-505-6	8270	<0.002	<0.002	<0.010	<0.005	<0.010	<0.005	<0.020	<0.020	
LF-15	20-Jun-91	ANA	9106251-09	8270	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	
LF-15	08-Jul-92		9207088-9	8270	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	

TABLE 5

HISTORICAL WATER-QUALITY DATA SUMMARY

SEMIVOLATILE ORGANIC COMPOUNDS, EPA METHOD 8270

(All concentrations expressed in parts per million [ppm])

Well Number	Date Sampled	Lab	Lab I.D. Number	Type of Analysis	2-Methyl-naptha-lene	Naphtha-lene	Phenol	2-Methyl-phenol	4-Methyl-phenol	2,4-Di-methyl-phenol	Bis(2-ethyl-hexyl)-phthalate	Total All Quantified Concentrations	Notes
LF-16	04-Sep-90	B&C	09-014-3	8270	<0.005	<0.002	<0.010	<0.005	<0.010	<0.005	<0.020	<0.020	
LF-16	20-Dec-90	B&C	12-505-5	8270	<0.002	<0.002	<0.010	<0.005	<0.010	<0.005	<0.020	<0.020	
LF-16	20-Jun-91	ANA	9106251-10	8270	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	
LF-16	09-Jul-92	ANA	9207119-01	8270	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	
LF-B1	07-Dec-89	B&C	12-212-6	8270	<0.002	<0.002	<0.010	<0.005	<0.010	<0.005	*<0.170	<0.175	
LF-B1	18-Jul-90	B&C	07-444-9	8270	<0.005	<0.002	0.460	<0.005	<0.010	<0.005	0.140	0.600	
LF-B1	20-Dec-90	B&C	12-505-4	8270	<0.002	<0.002	0.041	<0.005	<0.010	<0.005	0.045	0.086	
LF-B1	20-Jun-91	ANA	9106251-05	8270	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	
LF-B1	08-Jul-92	ANA	9207088-04	8270	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	
LF-B2	06-Dec-89	B&C	12-174-5	8270	<0.002	<0.002	<0.010	<0.005	<0.010	0.029	*<0.170	0.029	
LF-B2	18-Jul-90	B&C	07-444-6	8270	<0.005	<0.002	0.140	<0.005	<0.010	<0.005	0.032	0.172	
LF-B2D	18-Jul-90	B&C	07-444-7	8270	<0.005	<0.002	0.088	<0.005	<0.010	<0.005	0.060	0.148	
LF-B2	20-Dec-90	B&C	12-474-6	8270	<0.005	<0.002	<0.010	<0.005	<0.010	<0.005	<0.020	<0.020	
LF-B2	21-Jun-91	ANA	9106274-04	8270	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	0.018	0.018	
LF-B2	08-Jul-92	ANA	9207088-05	8270	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	
LF-B3	07-Dec-89	B&C	12-212-10	8270	<0.002	<0.002	<0.010	<0.005	<0.010	<0.005	*<0.170	<0.020	
LF-B3	18-Jul-90	B&C	07-444-6	8270	<0.005	<0.002	<0.010	<0.005	<0.010	<0.005	0.190	0.190	
LF-B3	20-Dec-90	B&C	12-505-3	8270	<0.002	<0.002	<0.010	<0.005	<0.010	<0.005	<0.020	<0.020	
LF-B3	21-Jun-91	ANA	9106274-04	8270	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	
LF-B3	08-Jul-92	ANA	9207088-08	8270	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	
LF-B4	18-Jul-90	B&C	07-444-3	8270	<0.002	<0.002	<0.010	<0.005	<0.010	<0.005	0.023	0.023	
LF-B4	19-Dec-90	B&C	12-474-3	8270	<0.002	<0.002	<0.010	<0.005	<0.010	<0.005	<0.020	<0.020	
LF-B4	19-Jun-91	ANA	9106245-01	8270	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.064	0.064	
LF-B4	08-Jul-92	ANA	9207088-01	8270	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	

TABLE 5

HISTORICAL WATER-QUALITY DATA SUMMARY

SEMIVOLATILE ORGANIC COMPOUNDS, EPA METHOD 8270

(All concentrations expressed in parts per million [ppm])

Well Number	Date Sampled	Lab	Lab I.D. Number	Type of Analysis	2-Methyl-naptha-lene	Naphtha-lene	Phenol	2-Methyl-phenol	4-Methyl-phenol	2,4-Di-methyl-phenol	Bis(2-ethyl-hexyl)-phthalate	Total All Quantified Concentrations	Notes
FIELD & TRIP BLANKS													
LF-1-FB	01-Jun-86	B&C	89060195	8270	<0.004	<0.004	<0.020	<0.010	<0.010	<0.005	<0.040	<0.020	
LF-1-FB	07-Dec-89	B&C	12-212-2	8270	<0.002	<0.002	<0.010	<0.005	<0.010	<0.005	<0.020	<0.020	
LF-B1-FB	07-Dec-89	B&C	12-212-7	8270	<0.002	<0.002	<0.010	<0.005	<0.010	<0.005	<0.020	<0.020	
Trip Blank	07-Dec-89	B&C	12-212-9	8270	<0.002	<0.002	<0.010	<0.005	<0.010	<0.005	0.035	0.035	
LF-B4-TB	18-Jul-90	B&C	07-444-1	8270	<0.002	<0.002	<0.010	<0.005	<0.010	<0.005	<0.020	<0.020	
LF-B4-BB	18-Jul-90	B&C	07-444-1	8270	<0.002	<0.002	<0.010	<0.005	<0.010	<0.005	<0.020	<0.020	
LF-7-BB	08-Aug-90	B&C	08-171-2	8270	----	<0.002	<0.010	<0.005	----	<0.005	<0.020	<0.020	
LF-B4-BR	19-Dec-90	B&C	12-474-2	8270	<0.002	<0.002	<0.010	<0.005	<0.010	<0.005	<0.020	<0.020	
LF-B3-BR	20-Dec-90	B&C	12-505-2	8270	<0.002	<0.002	<0.010	<0.005	<0.010	<0.005	<0.020	<0.020	
LF-8-TB	21-Dec-90	B&C	12-529-1	8270	<0.002	<0.002	<0.010	<0.005	<0.010	<0.005	<0.020	<0.020	
LF-8-BR	21-Dec-90	B&C	12-529-2	8270	<0.002	<0.002	<0.010	<0.005	<0.010	<0.005	<0.020	<0.020	
LF-B3-BR	19-Jun-91	ANA	9106245-6	8270	<0.002	<0.002	<0.010	<0.005	<0.010	<0.005	<0.020	<0.020	
LF-11-BR	20-Jun-91	ANA	9106251-2	8270	<0.002	<0.002	<0.010	<0.005	<0.010	<0.005	<0.020	<0.020	
LF-4-TB	21-Jun-91	ANA	9106274-1	8270	<0.002	<0.002	<0.010	<0.005	<0.010	<0.005	<0.020	<0.020	

Explanation of Symbols and Abbreviations used on Table 5:

* indicates value not accepted as valid based on positive results of 0.035 ppm for trip blank sample. (dectection limit reported as 5 times 0.035 ppm = 0.170 ppm for indicated reporting period).

---- indicates results not reported by laboratory.

8270 = EPA Method 8270 for semivolatile organic compounds.

Analytical Laboratories:

B&C: Brown and Caldwell Laboratory, Emeryville, California.

ANA: Anametrix Laboratory, San Jose, California.

TABLE 5

HISTORICAL WATER-QUALITY DATA SUMMARY

SEMIVOLATILE ORGANIC COMPOUNDS, EPA METHOD 8270

(All concentrations expressed in parts per million [ppm])

Well Number	Date Sampled	Lab	Lab I.D. Number	Type of Analysis	2-Methyl-naptha-lene	Naphtha-lene	Phenol	2-Methyl-phenol	4-Methyl-phenol	2,4-Di-methyl-phenol	Bis(2-ethyl-hexyl)-phthalate	Total All Quantified Concentrations	Notes

NOTES:

#1 LF-3 02/06/89 - Lab Data Reported the Following: Acenaphthene at 0.016 ppm; Anthracene at 0.005 ppm; Benzo(a)anthracene at 0.005 ppm; Chrysene at 0.005 ppm; Dibenzofurene at 0.017 ppm; Fluoranthene at 0.016 ppm; Fluorene at 0.016 ppm; Phenanthrene at 0.044 ppm; Pyrene at 0.018 ppm.

#2 LF-5 07/20/90 - Benzoic Acid reported at 0.220 ppm.

TABLE 6
HISTORICAL WATER-QUALITY DATA SUMMARY
TOTAL PETROLEUM HYDROCARBONS AS DIESEL
(Results reported in parts per million [ppm])

Well Number	Date Sampled	Lab	Lab I.D. Number	Total Petroleum Hydrocarbons As Diesel	Notes
LF-1	21-Jun-91	ANA	9106274-08	<0.050	
LF-1	09-Jul-92	ANA	9207119-16	0.110	
LF-2	20-Jul-90	B&C	07-506-5		
LF-3	21-Jun-91	ANA	9106274-07	2.000	
LF-3	09-Jul-92	ANA	9207119-13	3.000	#1
DUP	09-Jul-92	ANA	9207119-14	3.300	#1
LF-4	21-Jun-91	ANA	9106274-02	0.780	
LF-4-D	21-Jun-91	ANA	9106274-03	0.510	
LF-4	09-Jul-92	ANA	9207119-10	1.200	#1
LF-5	06-Aug-91	ANA	9108069-05	4.700	
LF-5	09-Jul-92	ANA	9207119-11	0.830	#1
LF-7	20-Jun-91	ANA	9106251-06	<0.050	
LF-7	09-Jul-92	ANA	9207119-03	0.300	
DUP	09-Jul-92	ANA	9207119-04	0.480	
LF-8	20-Jun-91	ANA	9106251-07	<0.050	
LF-8	09-Jul-92	ANA	9207119-05	0.250	
LF-9	21-Jun-91	ANA	9106274-05	0.200	
LF-9	09-Jul-92	ANA	9207119-09	0.300	#1
LF-10	21-Jun-91	ANA	9106274-06	0.270	
LF-10	09-Jul-92	ANA	9207119-12	0.420	#1
LF-11	19-Jul-90	B&C	07-485-3		
LF-11	20-Jun-91	ANA	9106251-03	0.130	
LF-11-D	20-Jun-91	ANA	9106251-04	0.120	
LF-11	09-Jul-92	ANA	9207119-06	0.260	
LF-12	19-Jun-91	ANA	9106245-04	<0.050	
LF-12	08-Jul-92	ANA	9207088-03	<0.050	
LF-13	19-Jun-91	ANA	9106245-02	<0.050	
LF-13	08-Jul-92	ANA	9207088-02	<0.050	
LF-14	20-Jun-91	ANA	9106251-08	<0.050	
LF-14	09-Jul-92	ANA	9207119-07	0.180	

TABLE 6
HISTORICAL WATER-QUALITY DATA SUMMARY
TOTAL PETROLEUM HYDROCARBONS AS DIESEL
(Results reported in parts per million [ppm])

Well Number	Date Sampled	Lab	Lab I.D. Number	Total Petroleum Hydrocarbons As Diesel	Notes
LF-15	20-Jun-91	ANA	9106251-09	<0.050	
LF-15	08-Jul-92	ANA	9207088-09	<0.050	
LF-16	20-Jun-91	ANA	9106251-10	<0.050	
LF-16	09-Jul-92	ANA	9207119-01	0.075	
LF-B1	20-Jun-91	ANA	9106251-05	<0.050	
LF-B1	08-Jul-92	ANA	9207088-04	<0.050	
LF-B2	21-Jun-91	ANA	9106274-04	<0.050	
LF-B2	08-Jul-92	ANA	9207088-05	<0.050	
LF-B3	19-Jun-91	ANA	9106245-05	<0.050	
LF-B3	08-Jul-92	ANA	9207088-08	<0.050	
LF-B4	19-Jun-91	ANA	9106245-01	<0.050	
LF-B4	08-Jul-92	ANA	9106245-01	<0.050	

Notes:
B&C = BC Analytical Laboratory, Emeryville, California
ANA = Anametrix Laboratory, San Jose, California

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

#1 - The concentrations reported as diesel by Anametrix for samples LF-9, LF-4, LF-5, LF-10, LF-3, and LF-3 DUP are primarily caused by the presence of a lighter petroleum product in the gasoline range.

TABLE 7
HISTORICAL WATER-QUALITY DATA SUMMARY
TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
(Results reported in parts per million [ppm])

Well Number	Date Sampled	Lab	Lab I.D. Number	Total Petroleum Hydrocarbons As Gasoline	Notes
LF-1	09-Jul-92	ANA	9207119-16	<0.050	
LF-3	09-Jul-92	ANA	9207119-13	190.000	
DUP	09-Jul-92	ANA	9207119-14	180.000	
LF-4	09-Jul-92	ANA	9207119-10	14.000	
LF-5	09-Jul-92	ANA	9207119-11	69.000	#2
LF-7	09-Jul-92	ANA	9207119-03	0.140	
DUP	09-Jul-92	ANA	9207119-04	0.130	
LF-8	09-Jul-92	ANA	9207119-05	<0.050	
LF-9	09-Jul-92	ANA	9207119-09	0.620	
LF-10	09-Jul-92	ANA	9207119-12	0.700	
LF-11	09-Jul-92	ANA	9207119-06	<0.050	
LF-12	08-Jul-92	ANA	9207088-03	<0.050	
LF-13	08-Jul-92	ANA	9207088-02	<0.050	
LF-14	09-Jul-92	ANA	9207119-07	<0.050	
LF-15	08-Jul-92	ANA	9207088-09	<0.050	
LF-16	09-Jul-92	ANA	9207119-01	<0.050	
LF-B1	08-Jul-92	ANA	9207088-04	0.180	#1
LF-B2	08-Jul-92	ANA	9207088-05	<0.050	
LF-B3	08-Jul-92	ANA	9207088-08	0.140	#1
LF-B4	08-Jul-92	ANA	9106245-01	<0.050	

TABLE 7
HISTORICAL WATER-QUALITY DATA SUMMARY
TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
(Results reported in parts per million [ppm])

Well Number	Date Sampled	Lab	Lab I.D. Number	Total Petroleum Hydrocarbons As Gasoline	Notes

Notes for Table 7:

ANA = Anametrix Laboratory, San Jose, California

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

#1 = The concentrations reported as gasoline by Anametrix for samples LF-B1 and LF-B3 are primarily caused by the presence of discrete hydrocarbon peak not indicative of gasoline.

#2 = The concentration reported by Anametrix as gasoline for sample LF-5 is primarily caused by the presence of a discrete hydrocarbon peak not indicative of gasoline.

TABLE 8

HISTORICAL WATER-QUALITY DATA SUMMARY

INORGANIC COMPOUNDS

(All concentrations expressed in parts per million [ppm])

Well Number	Date Sampled	Lab	Lab I.D. No.	Type of Analysis	Arsenic	Barium	Cadmium	Lead	Total Chromium	Mercury	Selenium	Silver
LF-1	01-Jun-89	B&C	89060194	200/7000	200.000	NA	<0.0400	<0.300				
LF-1	07-Dec-89	B&C	12-212-1	200/7000	190.000	NA	<0.0400	<0.300				
LF-1	20-Jul-90	B&C	07-506-7	200/7000	120.000	0.060	<0.0500	<0.200				
LF-1	20-Jun-91	ANA	9106274-08	200/7000	58.000	NA	<0.005	<0.004				
LF-1	09-Jul-92	ANA	9207119-16	200/7000	53.200	<0.100	0.058	<0.040	<0.010	<0.00027	<0.005	<0.010
LF-3	02-Jun-89	B&C	89060502	200/7000	27.000	NA	<0.0400	<0.300				
LF-3	07-Dec-89	B&C	12-212-2	200/7000	30.000	NA	<0.0400	<0.300				
LF-3	20-Jul-90	B&C	07-506-6	200/7000	21.000	0.420	<0.0500	<0.200				
LF-3	20-Jun-91	ANA	9106274-07	200/7000	60.400	NA	<0.005	<0.004				
LF-3	09-Jul-92	ANA	9207119-13	200/7000	70.800	0.473	0.0205	<0.040	<0.010	<0.00027	<0.005	<0.010
DUP	09-Jul-92	ANA	9207119-14	200/7000	66.600	0.452	0.0361	<0.040	<0.010	<0.00027	<0.005	<0.010
LF-4	02-Jun-89	B&C	89060503	200/7000	0.530	NA	<0.0400	<0.300				
Duplicate	02-Jun-89	B&C	89060504	200/7000	0.580	NA	<0.0400	<0.300				
LF-4	06-Dec-89	B&C	12-174-1	200/7000	0.420	NA	<0.0400	<0.300				
Duplicate	06-Dec-89	B&C	12-174-6	200/7000	0.550	NA	<0.0400	<0.300				
LF-4	20-Jul-90	B&C	07-506-3	200/7000	0.190	0.160	<0.0500	<0.200				
LF-4	20-Jun-91	ANA	9106274-02	200/7000	0.510	NA	<0.005	0.015				
LF-4-DUP	20-Jun-91	ANA	9106274-03	200/7000	0.493	NA	<0.005	0.010				
LF-4	09-Jul-92	ANA	9207119-10	200/7000	0.367	0.119	<0.005	<0.040	<0.010	<0.00027	<0.025	<0.010
LF-5	01-Jun-89	B&C	89060192	200/7000	0.017	NA	<0.0400	<0.300				
LF-5	06-Dec-89	B&C	12-174-2	200/7000	*<0.070	NA	<0.0400	<0.300				
LF-5	20-Jul-90	B&C	07-506-2	200/7000	0.020	0.170	<0.0500	<0.200				
LF-5	20-Jun-91	ANA	9108069-05	200/7000	0.038	NA	<0.005	0.003				
LF-5	09-Jul-92	ANA	9207119-11	200/7000	<0.010	0.111	<0.005	<0.040	<0.010	<0.00027	<0.005	<0.010
LF-6	01-Jun-89	B&C	89060193	200/7000	13.000	NA	0.0900	<0.300				
LF-6	05-Dec-89	B&C	12-128-3	200/7000	16.000	NA	0.0600	<0.300				
LF-6	20-Jul-90	B&C	07-506-4	200/7000	14.000	0.210	<0.0500	<0.200				

TABLE 8

HISTORICAL WATER-QUALITY DATA SUMMARY

INORGANIC COMPOUNDS

(All concentrations expressed in parts per million (ppm))

Well Number	Date Sampled	Lab	Lab I.D. No.	Type of Analysis	Arsenic	Barium	Cadmium	Lead	Total Chromium	Mercury	Selenium	Silver
LF-6	Sealed August 2, 1990											
LF-7	01-Jun-89	B&C	89060191	200/7000	0.008	NA	<0.0400	<0.300				
LF-7	06-Dec-89	B&C	12-174-3	200/7000	*<0.070	NA	<0.0400	<0.300				
LF-7	19-Jul-90	B&C	07-485-4	200/7000	<0.002	0.060	<0.0500	<0.200				
LF-7	20-Jun-91	ANA	9106251-06	200/7000	0.012	NA	<0.005	<0.004				
LF-7	09-Jul-92	ANA	9207119-03	200/7000	<0.010	<0.100	<0.005	<0.040	<0.010	<0.00027	<0.005	<0.010
DUP	09-Jul-92	ANA	9207119-04	200/7000	<0.010	<0.100	<0.005	<0.040	<0.010	<0.00027	<0.005	<0.010
LF-8	05-Dec-89	B&C	12-128-4	200/7000	*<0.070	NA	<0.0400	<0.300				
LF-8	19-Jul-90	B&C	07-485-4	200/7000	<0.002	0.120	<0.0500	<0.200				
LF-8	21-Dec-90	B&C	12-529-3	200/7000	0.020	0.590	0.0015	<0.200				
LF-8	20-Jun-91	ANA	9106251-07	200/7000	0.021	NA	<0.005	<0.004				
LF-8	09-Jul-92	ANA	9207119-05	200/7000	<0.010	<0.100	<0.005	<0.040	<0.010	<0.00027	<0.005	<0.010
LF-9	05-Dec-89	B&C	12-128-1	200/7000	0.067	NA	<0.0400	<0.300				
LF-9	19-Jul-90	B&C	07-485-7	200/7000	0.008	0.110	<0.0500	<0.200				
LF-9	21-Dec-90	B&C	12-529-5	200/7000	0.120	0.270	0.0029	<0.200				
LF-9	20-Jun-91	ANA	9106274-05	200/7000	0.075	NA	<0.005	0.012				
LF-9	06-Aug-91	ANA	9108069-02	200/7000	0.131	NA	NA	NA				
LF-9	09-Jul-92	ANA	9207119-09	200/7000	<0.010	<0.100	<0.005	<0.040	<0.010	<0.00027	<0.005	<0.010
LF-10	07-Dec-89	B&C	12-212-5	200/7000	0.650	NA	<0.0400	<0.300				
LF-10	19-Jul-90	B&C	07-485-7	200/7000	0.012	0.110	<0.0500	<0.200				
Duplicate	19-Jul-90	B&C	07-485-8	200/7000	0.008	0.140	<0.0500	<0.300				
LF-10	21-Dec-90	B&C	12-529-6	200/7000	1.000	0.330	0.0009	<0.200				
Duplicate	21-Dec-90	B&C	12-529-7	200/7000	1.100	0.350	0.0007	<0.300				
LF-10	20-Jun-91	ANA	9106274-06	200/7000	0.657	NA	<0.005	0.013				
LF-10	06-Aug-91	ANA	9108069-02	200/7000	1.090	NA	NA	NA				
LF-10	09-Jul-92	ANA	9207119-12	200/7000	0.328	<0.100	<0.005	<0.040	<0.010	<0.00027	<0.025	<0.010

TABLE 8

HISTORICAL WATER-QUALITY DATA SUMMARY

INORGANIC COMPOUNDS

(All concentrations expressed in parts per million [ppm])

Well Number	Date Sampled	Lab	Lab I.D. No.	Type of Analysis	Arsenic	Barium	Cadmium	Lead	Total Chromium	Mercury	Selenium	Silver
LF-11	05-Dec-89	B&C	12-128-2	200/7000	*<0.070	NA	<0.0400	<0.300				
LF-11	19-Jul-90	B&C	07-485-5	200/7000	0.007	0.120	<0.0500	<0.200				
LF-11	21-Dec-90	B&C	12-529-4	200/7000	0.011	0.180	0.0006	<0.200				
LF-11	20-Jun-91	ANA	9106251-06	200/7000	0.023	NA	<0.005	0.007				
LF-11	20-Jun-91	ANA	9106251-07	200/7000	0.024	NA	<0.005	0.006				
LF-11	06-Aug-91	ANA	9108069-04	200/7000	0.021	NA	NA	NA				
LF-11	09-Jul-92	ANA	9207119-06	200/7000	<0.010	0.169	<0.005	<0.040	<0.010	<0.00027	<0.005	<0.010
LF-12	06-Dec-89	B&C	12-174-2	200/7000	*<0.070	NA	<0.0400	<0.300				
LF-12	18-Jul-90	B&C	07-444-5	200/7000	0.004	0.060	<0.0500	<0.300				
LF-12	19-Jun-91	ANA	9106245-04	200/7000	<0.010	NA	<0.005	<0.004				
LF-12	08-Jul-92	ANA	9207088-03	200/7000	<0.010	<0.100	<0.005	<0.040	<0.010	<0.00027	<0.005	<0.010
LF-13	06-Dec-89	B&C	12-174-7	200/7000	*<0.070	NA	<0.0400	<0.300				
LF-13	18-Jul-90	B&C	07-444-4	200/7000	<0.002	<0.050	<0.0500	<0.200				
LF-13	19-Dec-90	B&C	12-474-4	200/7000	<0.002	0.100	<0.0005	<0.200				
LF-13	19-Jun-91	ANA	9106245-03	200/7000	<0.010	NA	<0.005	<0.004				
LF-13	08-Jul-92	ANA	9207088-02	200/7000	<0.010	<0.100	<0.005	<0.040	<0.010	<0.00027	<0.005	<0.010
LF-14	04-Sep-90	B&C	09-014-1	200/7000	0.092	0.060	<0.0005	0.007				
LF-14	02-Oct-90	B&C	10-034-2	200/7000	0.077	NA	NA	NA				
LF-14	20-Dec-90	B&C	12-505-7	200/7000	0.150	0.470	0.0036	<0.200				
LF-14	20-Jun-91	ANA	9106251-08	200/7000	0.095	NA	<0.005	<0.004				
LF-14	09-Jul-92	ANA	9207119-07	200/7000	0.039	<0.100	<0.005	<0.040	<0.010	<0.00027	<0.005	<0.010
LF-15	04-Sep-90	B&C	09-014-2	200/7000	0.002	0.060	<0.0005	0.043				
LF-15	20-Dec-90	B&C	12-505-6	200/7000	0.007	0.230	0.0007	<0.200				
LF-15	20-Jun-91	ANA	9106251-09	200/7000	<0.010	NA	<0.005	<0.004				
LF-15	08-Jul-92	ANA	9207088-09	200/7000	<0.010	0.105	<0.005	<0.040	<0.010	<0.00027	<0.005	<0.010

TABLE 8

HISTORICAL WATER-QUALITY DATA SUMMARY

INORGANIC COMPOUNDS

(All concentrations expressed in parts per million [ppm])

Well Number	Date Sampled	Lab	Lab I.D. No.	Type of Analysis	Arsenic	Barium	Cadmium	Lead	Total Chromium	Mercury	Selenium	Silver
LF-16	04-Sep-90	B&C	09-014-3	200/7000	0.003	0.060	<0.0005	<0.002				
LF-16	20-Dec-90	B&C	12-505-5	200/7000	0.003	0.170	0.0007	<0.200				
LF-16	20-Jun-91	ANA	9106251-10	200/7000	0.010	NA	<0.005	<0.004				
LF-16	09-Jul-92	ANA	9207119-01	200/7000	<0.010	<0.100	<0.005	<0.040	<0.010	<0.00027	<0.005	<0.010
LF-B1	07-Dec-89	B&C	12-212-6	200/7000	*<0.070	NA	<0.0400	<0.300				
LF-B1	18-Jul-90	B&C	7-444-6	200/7000	0.007	0.08	<0.0500	<0.2				
LF-B1	20-Dec-90	B&C	12-505-4	200/7000	0.005	0.100	0.0010	<0.200				
LF-B1	20-Jun-91	ANA	9106251-05	200/7000	<0.010	NA	<0.005	0.004				
LF-B1	08-Jul-92	ANA	9207088-04	200/7000	<0.010	0.122	<0.005	<0.040	<0.010	<0.00027	<0.005	<0.010
LF-B2	06-Dec-89	B&C	12-174-5	200/7000	*<0.070	NA	<0.0400	<0.300				
LF-B2	18-Jul-90	B&C	7-444-9	200/7000	0.005	0.140	<0.0500	<0.200				
Duplicate	18-Jul-90	B&C	7-444-	200/7000	0.004	0.150	<0.0500	<0.200				
LF-B2	19-Dec-90	B&C	12-474-6	200/7000	0.008	0.320	0.0026	<0.200				
LF-B2	20-Jun-91	ANA	9106274-04	200/7000	<0.010	NA	<0.005	0.005				
LF-B2	08-Jul-92	ANA	9207088-05	200/7000	<0.010	0.245	<0.005	<0.040	<0.010	<0.00027	<0.005	<0.010
LF-B3	07-Dec-89	B&C	12-212-6	200/7000	*<0.070	NA	<0.0400	<0.300				
LF-B3	18-Jul-90	B&C	7-444-8	200/7000	0.003	0.100	<0.0500	<0.200				
LF-B3	20-Dec-90	B&C	12-505-3	200/7000	0.002	0.160	<0.0005	<0.200				
LF-B3	19-Jun-91	ANA	9106245-05	200/7000	<0.010	NA	<0.005	<0.004				
LF-B3	08-Jul-92	ANA	9207088-08	200/7000	<0.010	0.133	<0.005	<0.040	<0.010	<0.00027	<0.005	<0.010
LF-B4	17-Jul-90	B&C	07-444-3	200/7000	0.003	0.080	<0.0500	<0.200				
LF-B4	19-Dec-90	B&C	12-474-3	200/7000	<0.002	0.080	0.0014	<0.200				
LF-B4	19-Jun-91	ANA	9106245-01	200/7000	<0.010	NA	<0.005	<0.004				
LF-B4	08-Jul-92	ANA	9207088-01	200/7000	<0.010	0.140	<0.005	<0.040	<0.010	<0.00027	<0.005	<0.010

TABLE 8

HISTORICAL WATER-QUALITY DATA SUMMARY

INORGANIC COMPOUNDS

(All concentrations expressed in parts per million [ppm])

Well Number	Date Sampled	Lab	Lab I.D. No.	Type of Analysis	Arsenic	Barium	Cadmium	Lead	Total Chromium	Mercury	Selenium	Silver
FIELD & TRIP BLANKS												
LF-1-FB	01-Jun-89	B&C	89060195	200/7000	0.012	NA	<0.0400	<0.300				
LF-1-FB	07-Dec-89	B&C	12-212-2	200/7000	0.003	NA	<0.0400	<0.300				
LF-B1-FB	07-Dec-89	B&C	12-212-7	200/7000	0.014	NA	<0.0400	<0.300				
Trip Blank	07-Dec-89	B&C	12-212-9	200/7000	0.013	NA	<0.0400	<0.300				
LF-B4-TB	18-Jul-90	B&C	07-444-1	200/7000	<0.002	NA	<0.0500	<0.200				
LF-B4-BB	18-Jul-90	B&C	07-444-2	200/7000	<0.002	NA	<0.0500	<0.200				
LF-11-TB	19-Jul-90	B&C	07-485-1	200/7000	<0.002	NA	<0.0500	0.200				
LF-11-BB	19-Jul-90	B&C	07-485-2	200/7000	<0.002	NA	<0.0500	<0.200				
LF-5- TB	20-Jul-90	B&C	07-506-1	200/7000	0.002	NA	<0.0500	<0.200				
LF-16-TB	04-Sep-90	B&C	09-014-4	200/7000	<0.002	NA	<0.0005	0.005				
LF-B4-TB	19-Dec-90	B&C	12-474-1	200/7000	<0.002	<0.050	<0.0005	<0.200				
LF-B4-BB	19-Dec-90	B&C	12-474-2	200/7000	<0.002	<0.050	<0.0005	<0.200				
LF-B3-TB	20-Dec-90	B&C	12-505-1	200/7000	<0.002	<0.050	<0.0005	<0.200				
LF-B3-BR	20-Dec-90	B&C	12-505-2	200/7000	<0.002	<0.050	<0.0005	<0.200				
LF-8-TB	21-Dec-90	B&C	12-529-1	200/7000	<0.002	<0.050	<0.0005	<0.200				
LF-8-BR	21-Dec-90	B&C	12-529-2	200/7000	<0.002	<0.050	<0.0005	<0.200				
LF-B3-BR	19-Jun-91	ANA	9106245-06	200/7000	<0.010	NA	<0.005	<0.004				
LF-B4-TB	19-Jun-91	ANA	9106245-02	200/7000	<0.010	NA	<0.005	<0.004				
LF-4-TB	20-Jun-91	ANA	9106274-01	200/7000	<0.010	NA	<0.005	<0.004				
LF-11-TB	20-Jun-91	ANA	9106251-01	200/7000	<0.010	NA	<0.005	<0.004				
LF-11-BR	20-Jun-91	ANA	9106251-02	200/7000	<0.010	NA	<0.005	<0.004				
Trip Blank	06-Aug-91	ANA	9108069-01	200/7000	<0.010	NA	NA	<0.003				

TABLE 8
HISTORICAL WATER-QUALITY DATA SUMMARY
INORGANIC COMPOUNDS
(All concentrations expressed in parts per million [ppm])

Well Number	Date Sampled	Lab	Lab I.D. No.	Type of Analysis	Arsenic	Barium	Cadmium	Lead	Total Chromium	Mercury	Selenium	Silver
LF-B3-TB	08-Jul-92	ANA	9207088-06	200/7000	<0.010	<0.100	<0.005	<0.040	<0.010	<0.00027	<0.005	<0.010
LF-7-TB	09-Jul-92	ANA	9207119-02	200/7000	<0.010	<0.100	<0.005	<0.040	<0.010	<0.00027	<0.005	<0.010
LF-3-TB	09-Jul-92	ANA	9207119-15	200/7000	<0.010	<0.100	<0.005	<0.040	<0.010	<0.00027	<0.005	<0.010

Notes to Table 8:

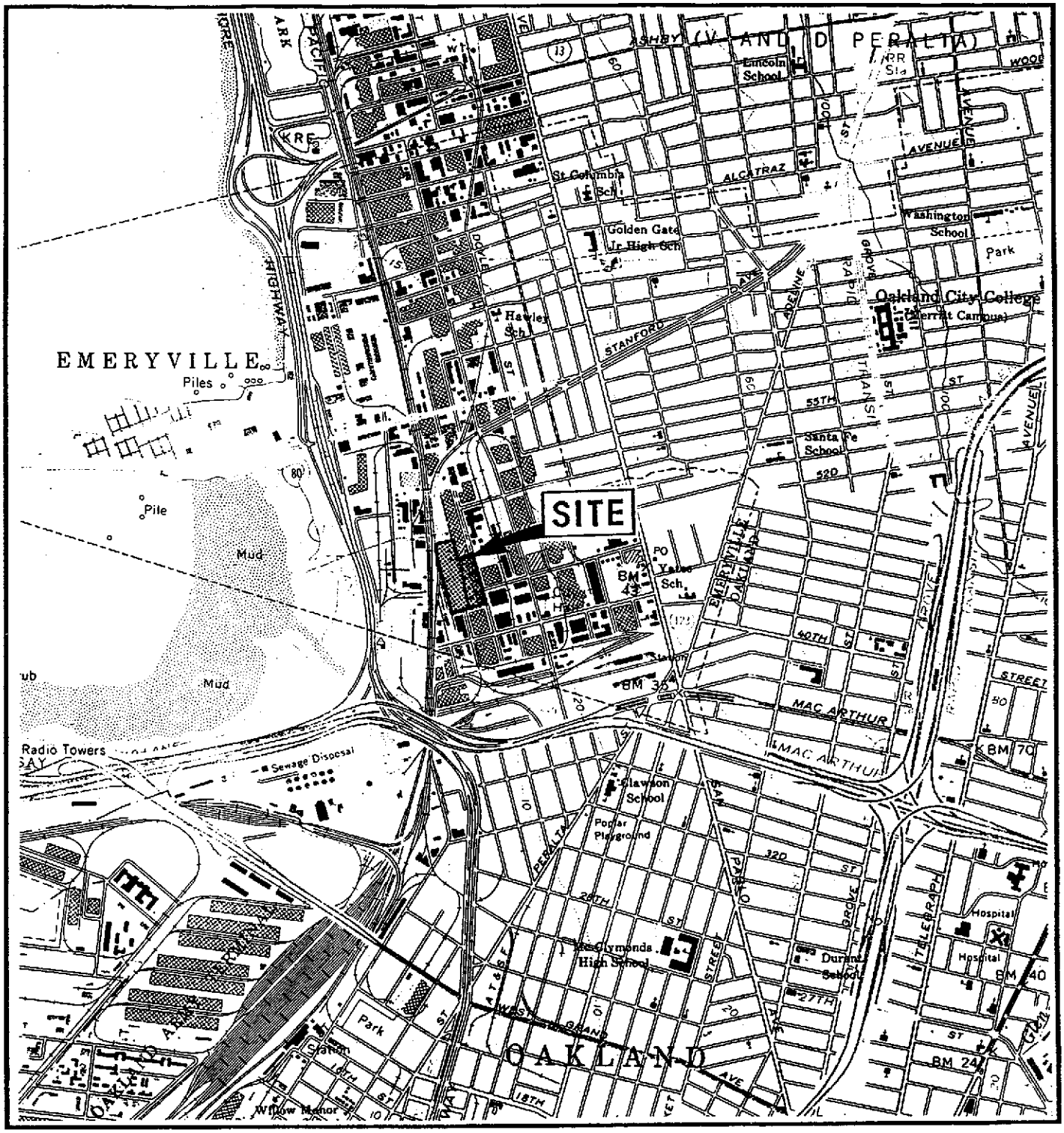
* = Data not validated based on positive results of trip blank (0.014 ppm) or bailer rinsate blank (0.013 ppm) of submitted samples. Detection Limit for arsenic for December 1989 sampling period set at 0.070 or 5 times the reported value of 0.014 ppm for trip blank sample.

NA = Not Analyzed

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

Analytical Laboratories:
B&C: BC Analytical Laboratory, Emeryville, California.
ANA: Anametrix Laboratory, San Jose, California

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, California
7.5 Minute Series

Figure 1 : SITE LOCATION MAP

Project No. 1563

LEVINE • FRICKE
CONSULTING ENGINEERS AND HYDROGEOLOGISTS

JDR11JUL89em

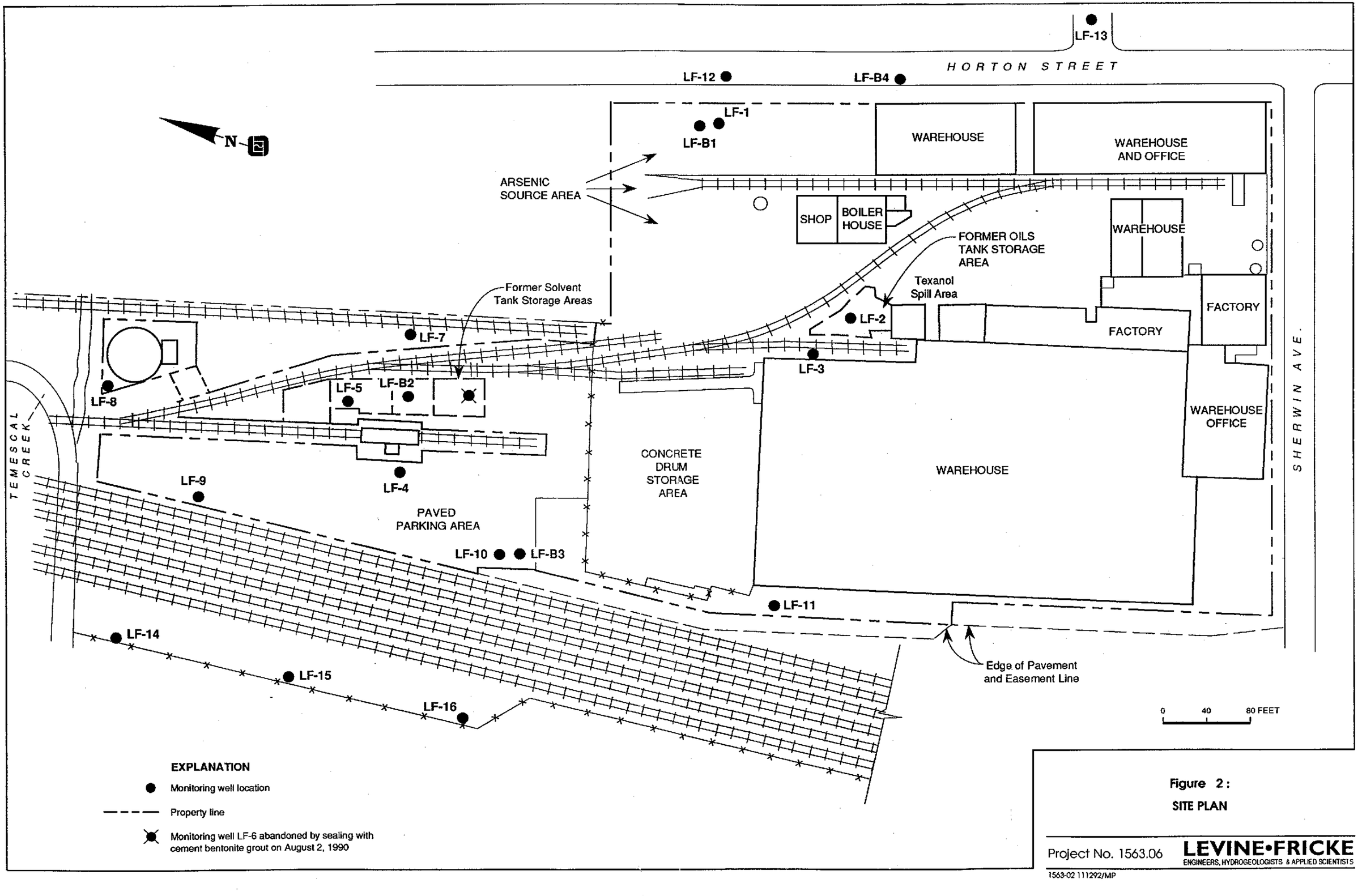


Figure 2:
SITE PLAN

Project No. 1563.06

LEVINE•FRICKE
ENGINEERS, HYDROGEOLOGISTS & APPLIED SCIENTISTS

1563-02 111292/MP

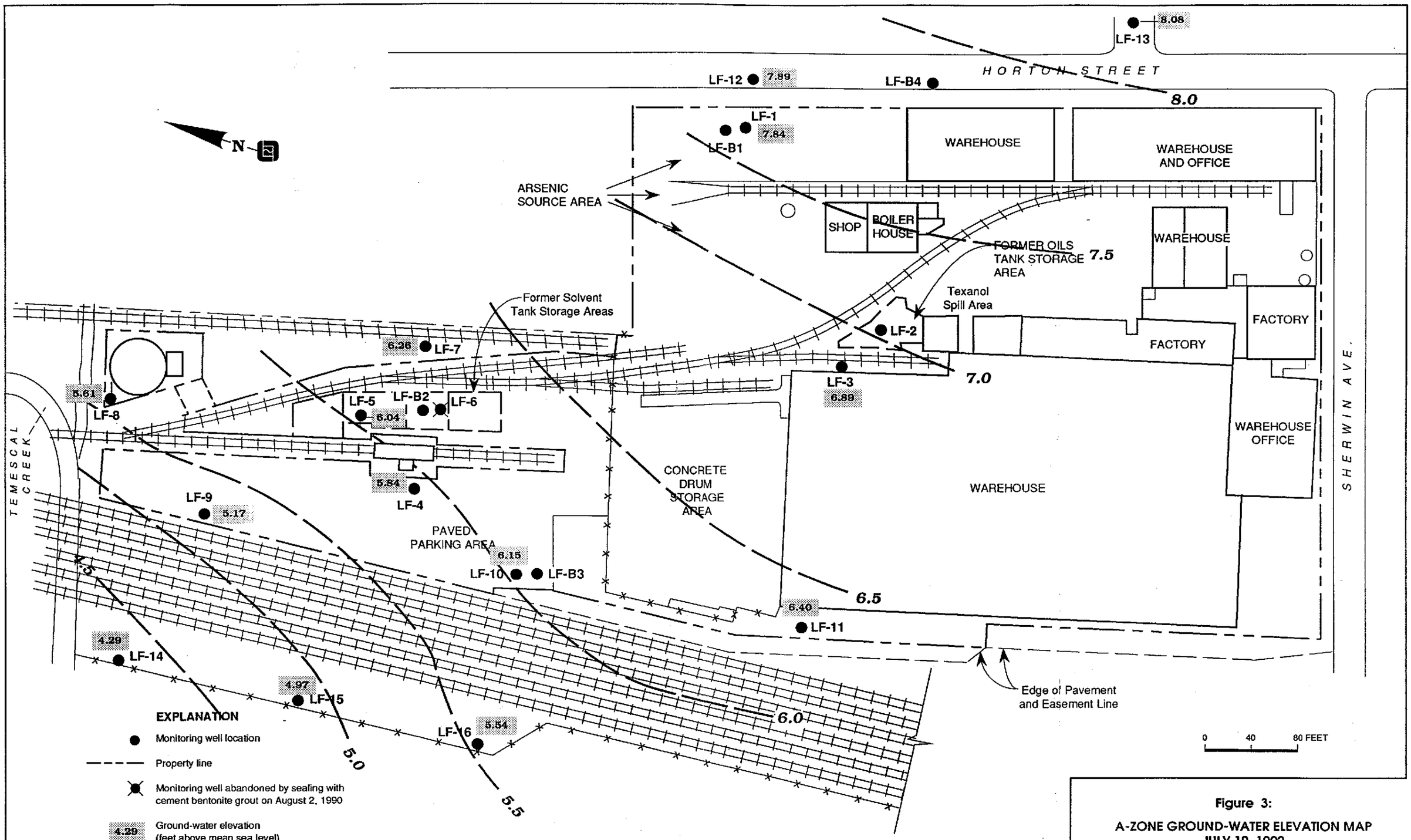


Figure 3:

A-ZONE GROUND-WATER ELEVATION MAP
JULY 10, 1992

Project No. 1563.06

LEVINE•FRICKE
ENGINEERS, HYDROGEOLOGISTS & APPLIED SCIENTISTS

1563-03 111292/MP

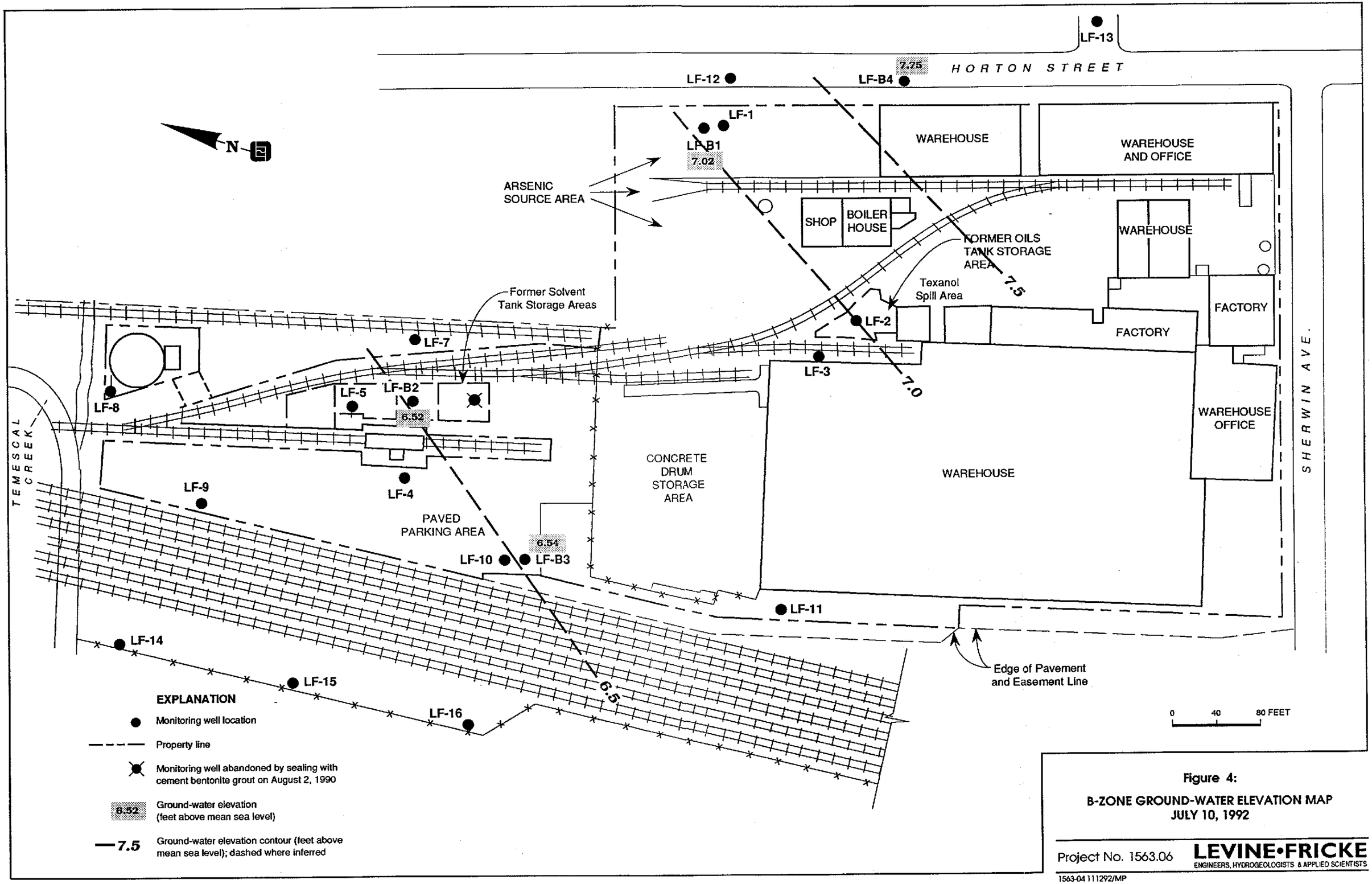


Figure 4:

B-ZONE GROUND-WATER ELEVATION MAP
JULY 10, 1992

Project No. 1563.06

LEVINE•FRICKE
ENGINEERS, HYDROGEOLOGISTS & APPLIED SCIENTISTS

1563-04 111292/MP

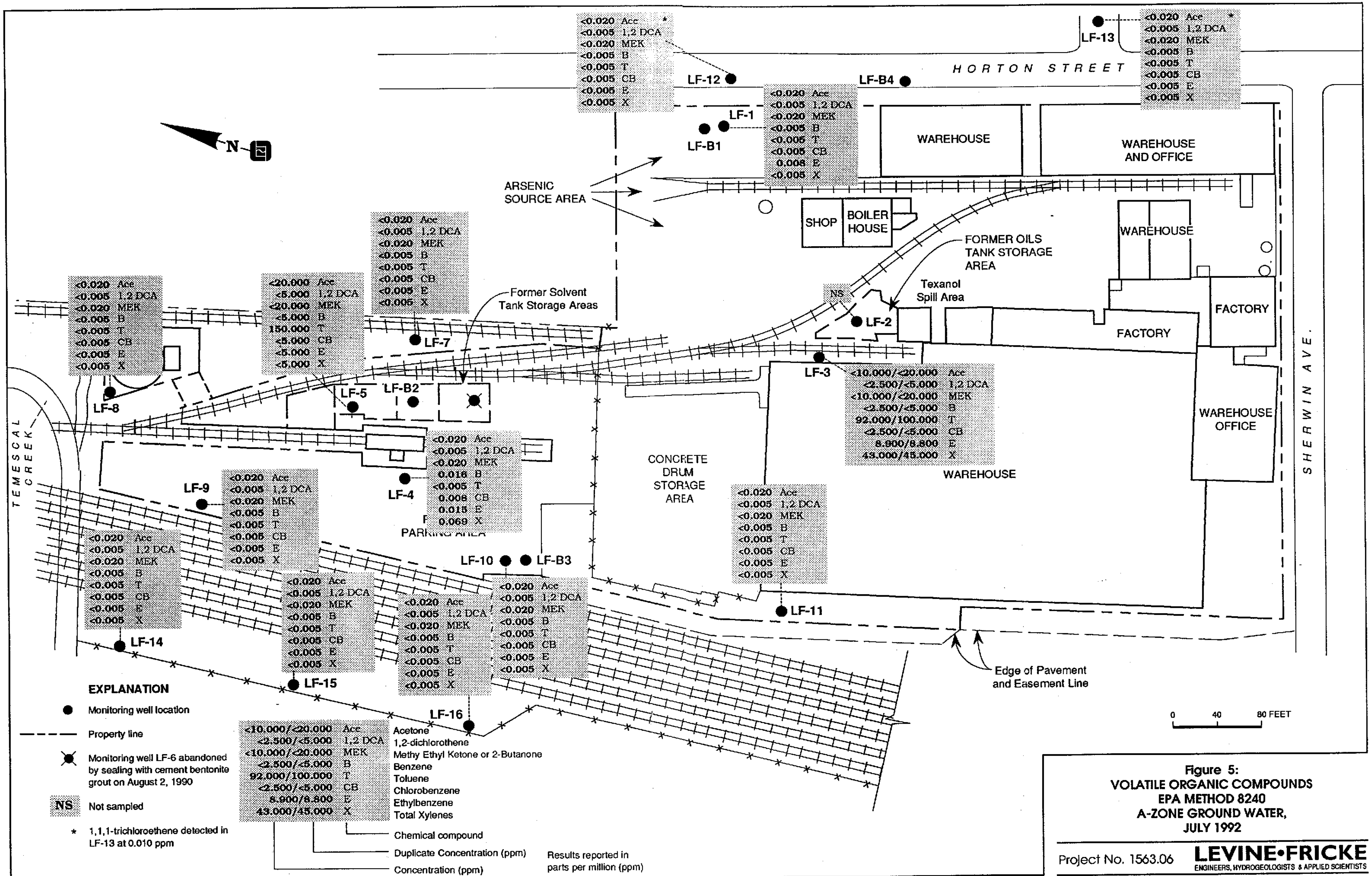


Figure 5:
VOLATILE ORGANIC COMPOUNDS
EPA METHOD 8240
A-ZONE GROUND WATER,
JULY 1992

Project No. 1563.06 LEVINE•FRICKE
ENGINEERS, HYDROGEOLOGISTS & APPLIED SCIENTISTS

1563-05 111292/MP

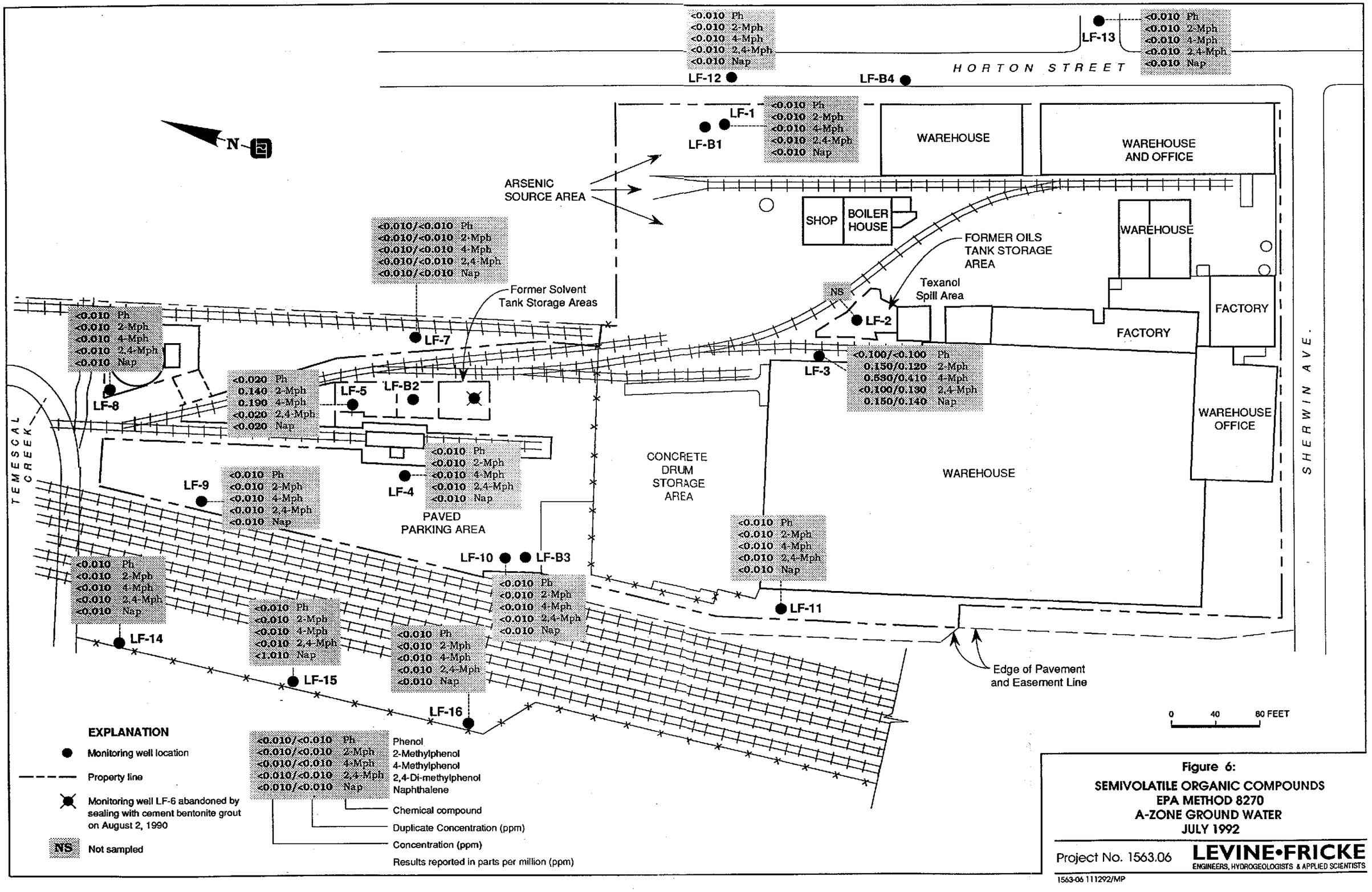


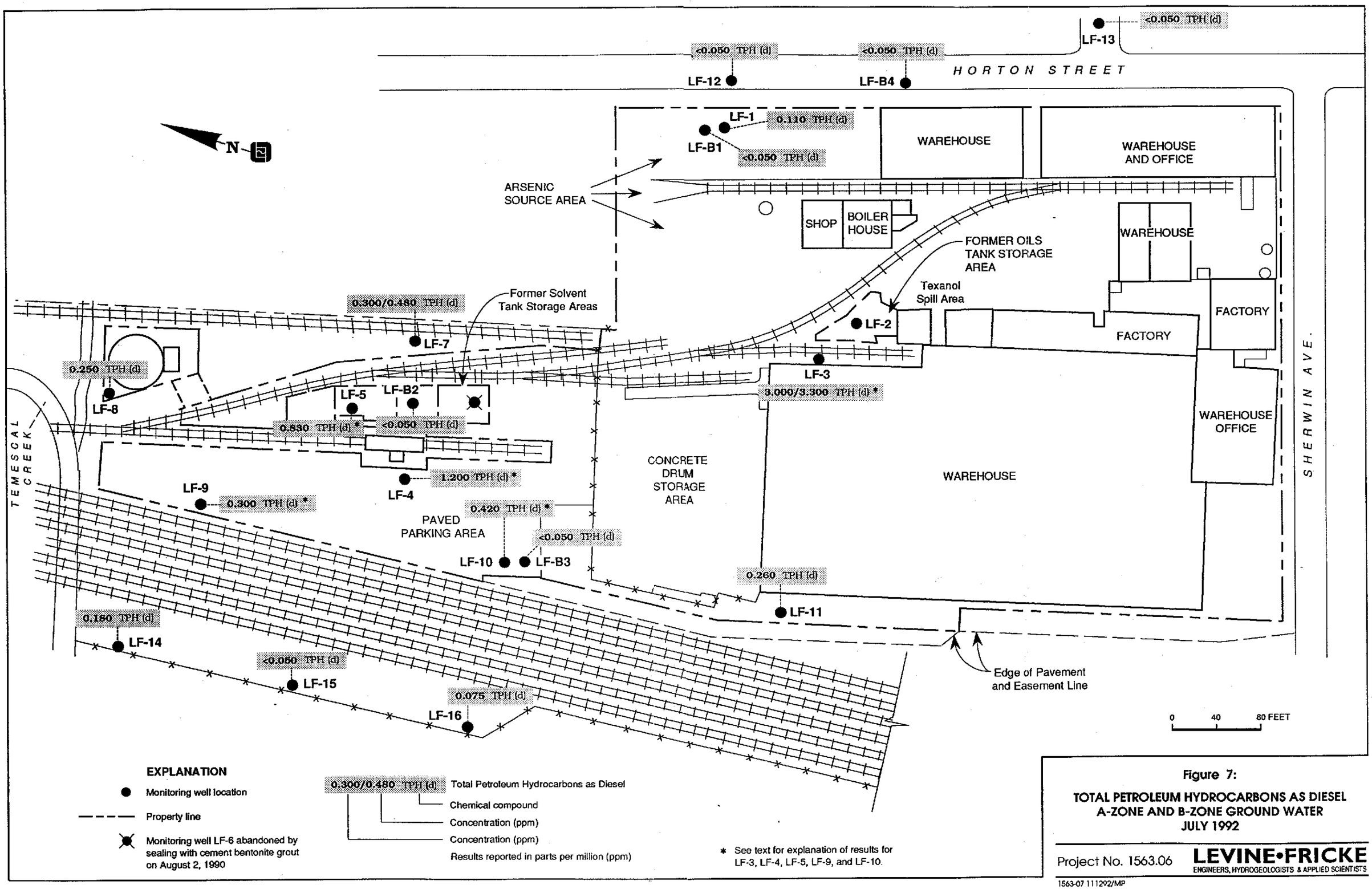
Figure 6:

SEMIVOLATILE ORGANIC COMPOUNDS
EPA METHOD 8270
A-ZONE GROUND WATER
JULY 1992

Project No. 1563.06

LEVINE•FRICKE
ENGINEERS, HYDROGEOLOGISTS & APPLIED SCIENTISTS

1563-06 111292/MP



EXPLANATION

- Monitoring well location
- Property line
- Monitoring well LF-6 abandoned by sealing with cement bentonite grout on August 2, 1990

0.300/0.480 TPH (d) — Total Petroleum Hydrocarbons as Diesel
- Chemical compound
- Concentration (ppm)
- Concentration (ppm)

Results reported in parts per million (ppm)

* See text for explanation of results for LF-3, LF-4, LF-5, LF-9, and LF-10.

Figure 7:

TOTAL PETROLEUM HYDROCARBONS AS DIESEL A-ZONE AND B-ZONE GROUND WATER JULY 1992

Project No. 1563.06

LEVINE•FRICKE
ENGINEERS, HYDROGEOLOGISTS & APPLIED SCIENTISTS

1563-07 111292/MP

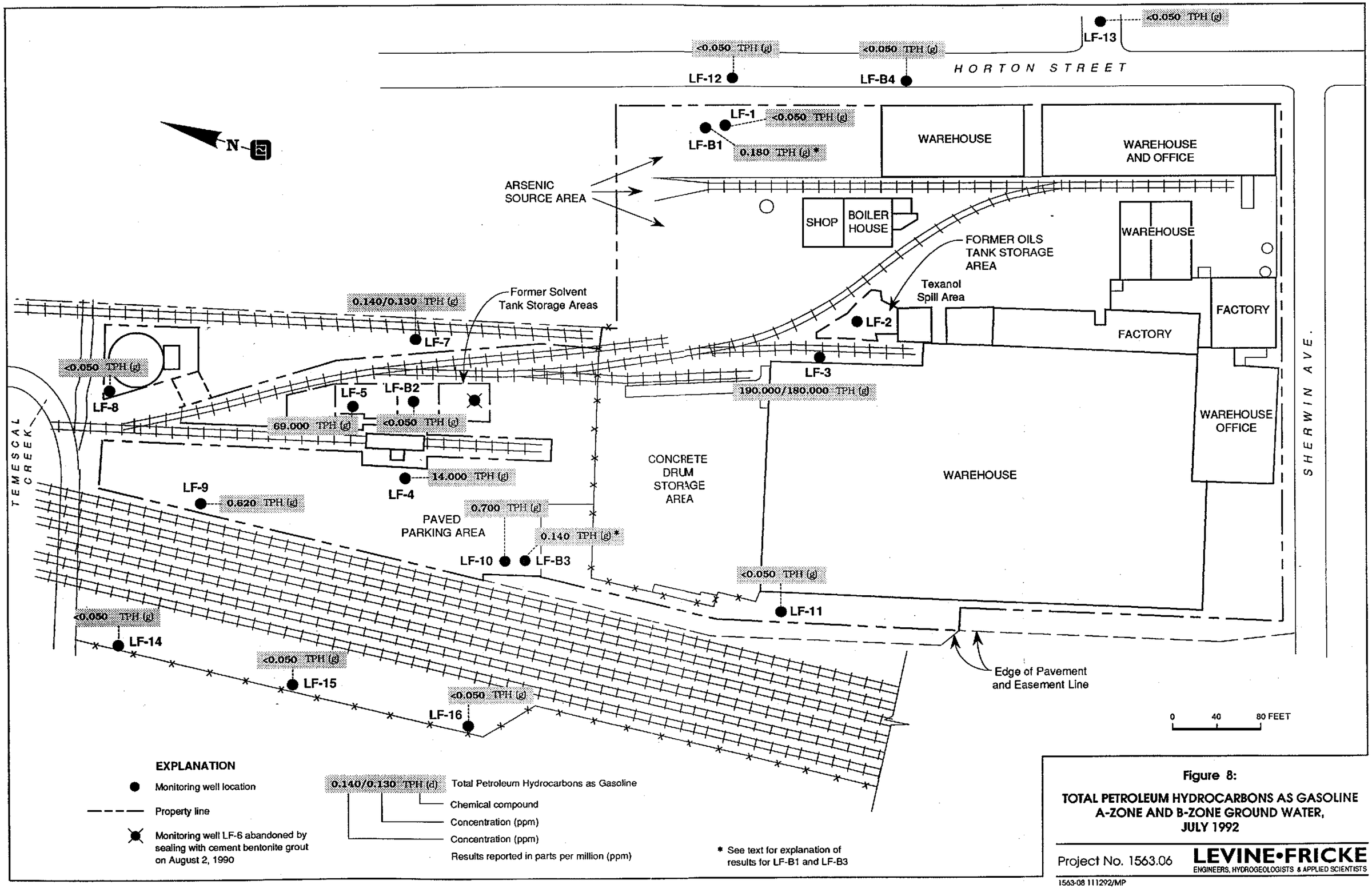


Figure 8:

TOTAL PETROLEUM HYDROCARBONS AS GASOLINE A-ZONE AND B-ZONE GROUND WATER, JULY 1992

Project No. 1563.06

LEVINE•FRICKE
ENGINEERS, HYDROGEOLOGISTS & APPLIED SCIENTISTS

1563-08 111292/MP

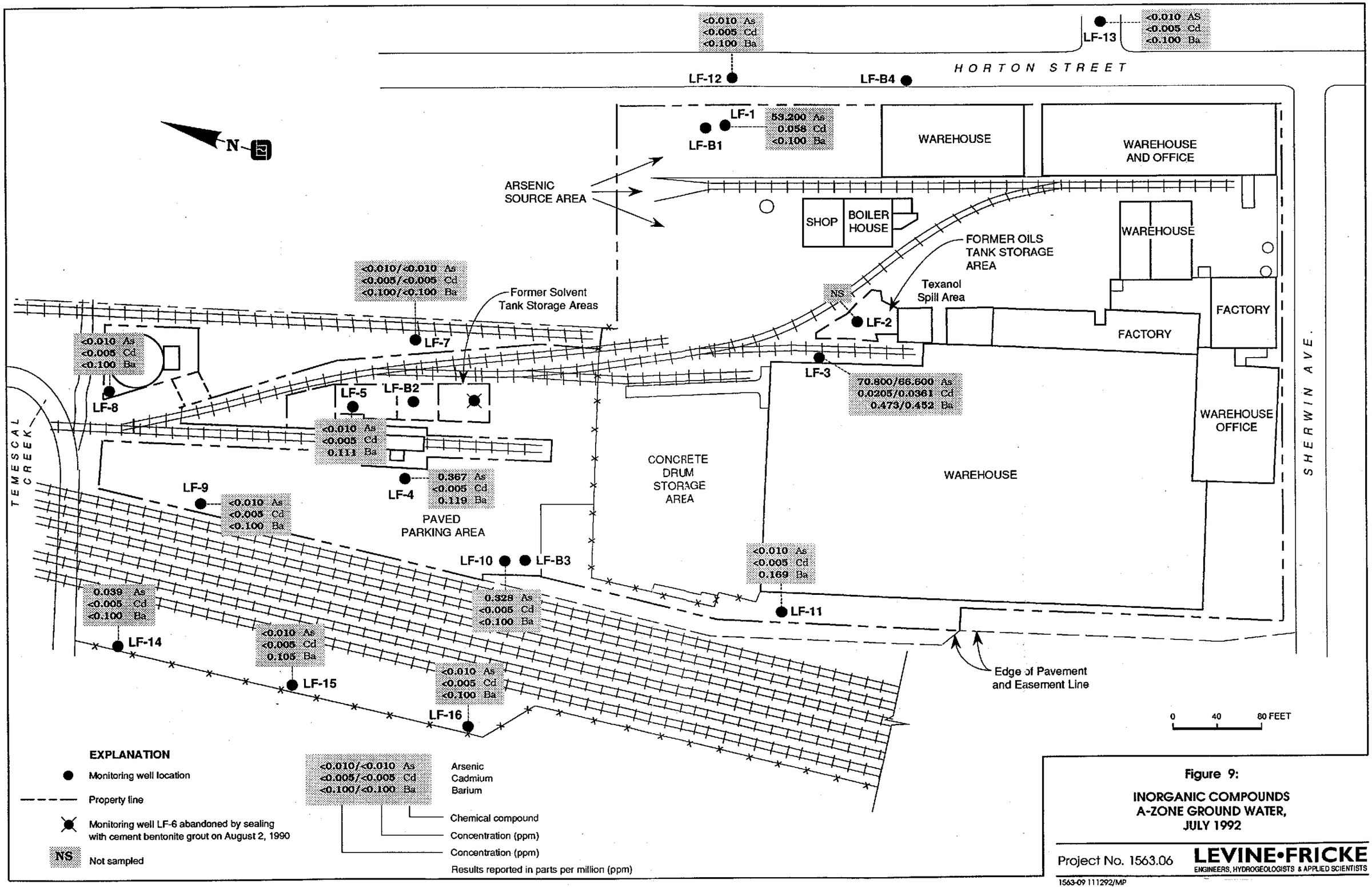


Figure 9:

INORGANIC COMPOUNDS A-ZONE GROUND WATER, JULY 1992

Project No. 1563.06

LEVINE•FRICKE
ENGINEERS, HYDROGEOLOGISTS & APPLIED SCIENTISTS

1563-09 111292/MP

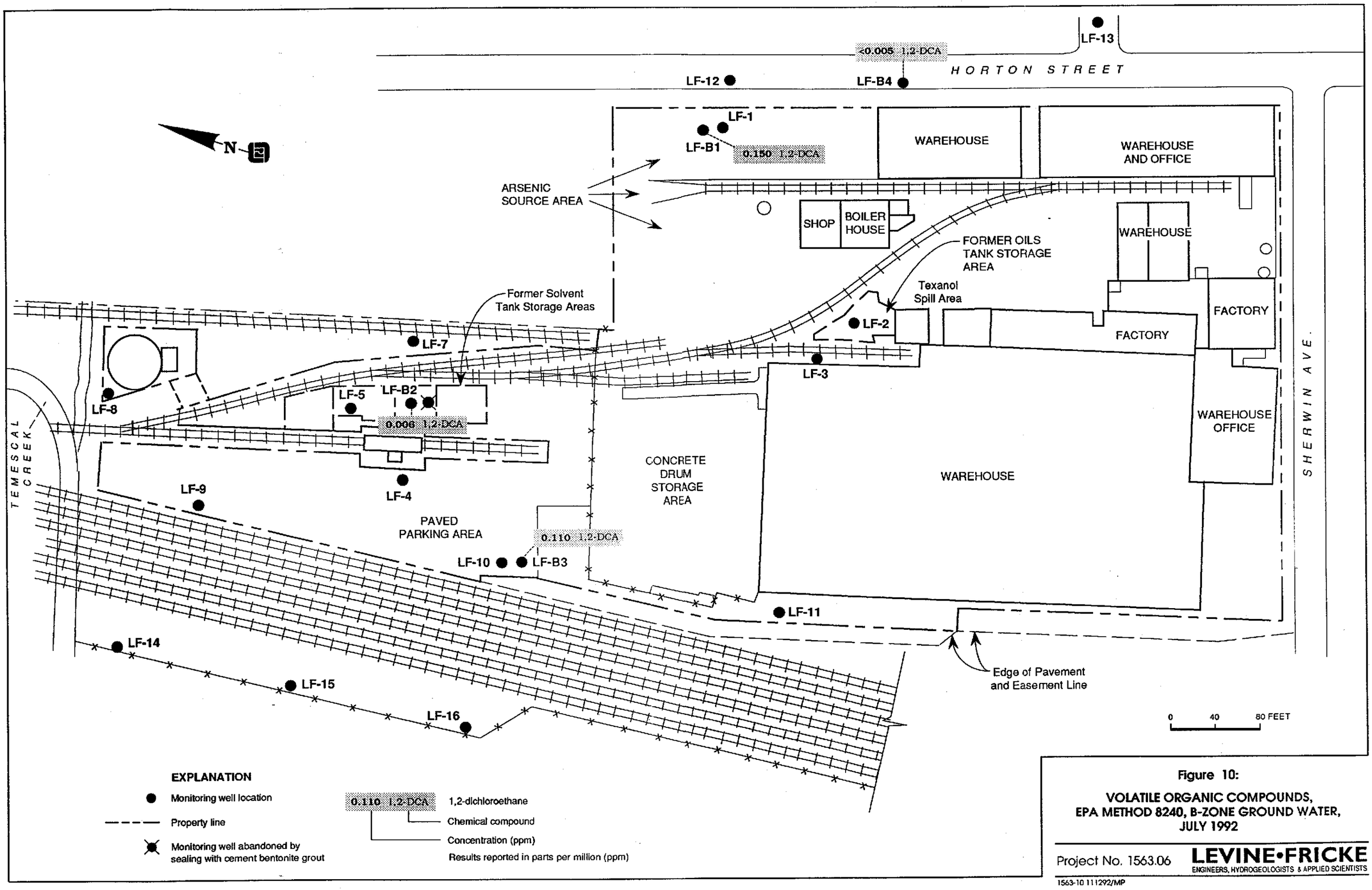


Figure 10:

VOLATILE ORGANIC COMPOUNDS, EPA METHOD 8240, B-ZONE GROUND WATER, JULY 1992

Project No. 1563.06

LEVINE•FRICKE
ENGINEERS, HYDROGEOLOGISTS & APPLIED SCIENTISTS

1563-10 111292/MP

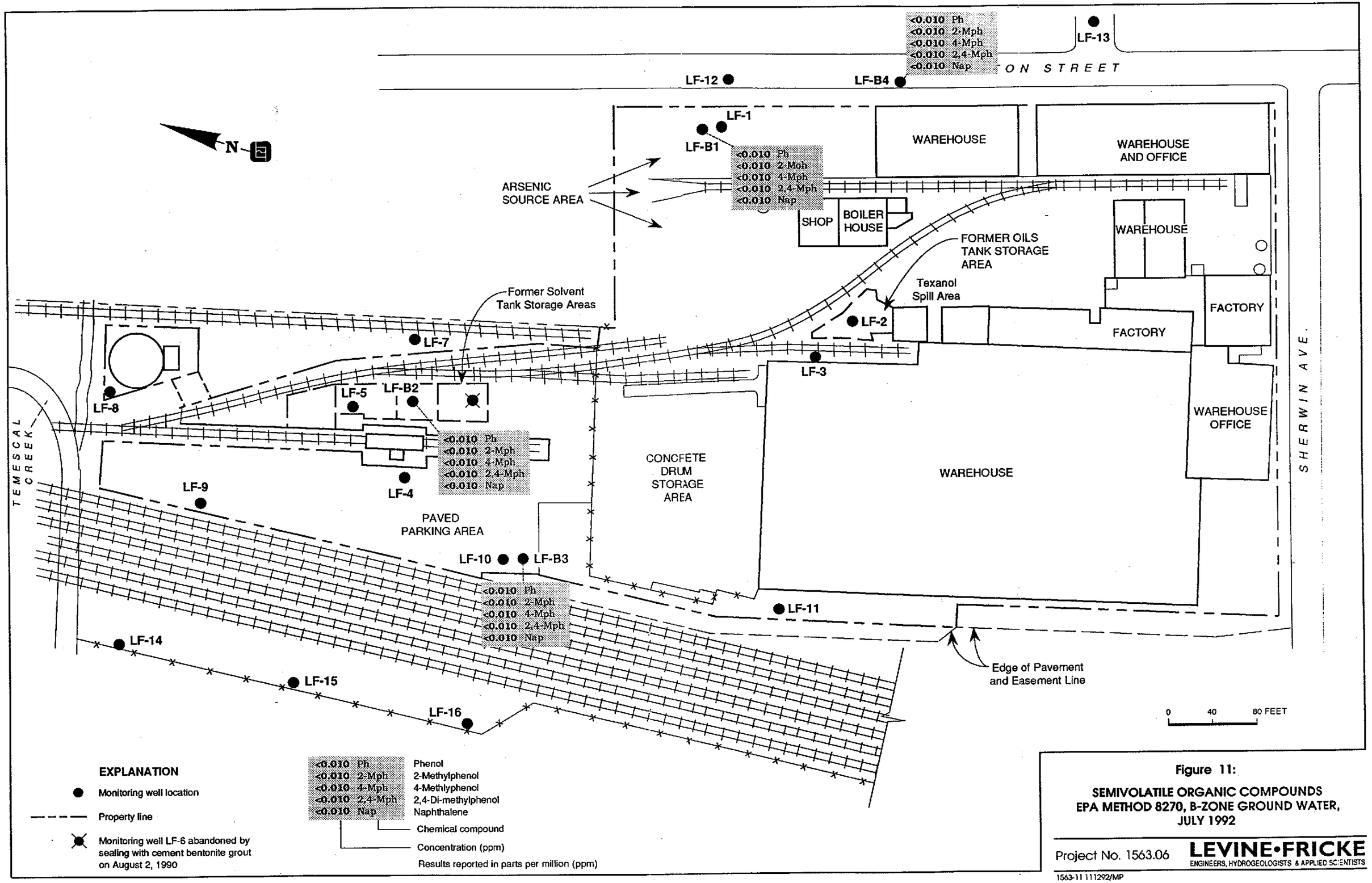


Figure 11:

SEMIVOLATILE ORGANIC COMPOUNDS EPA METHOD 8270, B-ZONE GROUND WATER, JULY 1992

Project No. 1563.06

LEVINE•FRICKE
ENGINEERS, HYDROGEOLOGISTS & APPLIED SCIENTISTS

1563-11 111292/MP

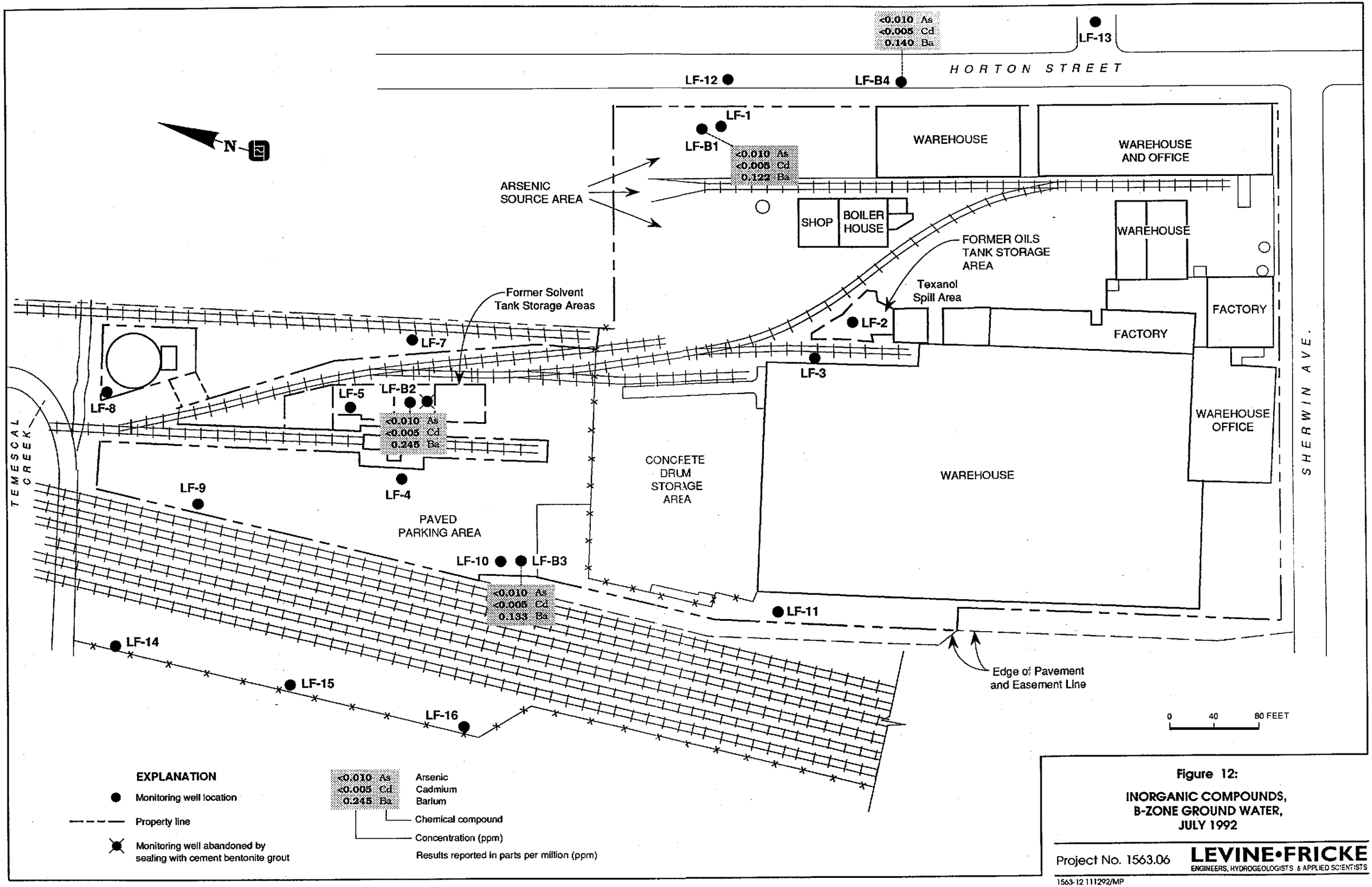


Figure 12:

INORGANIC COMPOUNDS, B-ZONE GROUND WATER, JULY 1992

Project No. 1563.06

LEVINE•FRICKE
ENGINEERS, HYDROGEOLOGISTS & APPLIED SCIENTISTS

1563-12 111292/MP

APPENDIX A

GROUND-WATER SAMPLING FIELD DATA SHEETS

LEVINE-FRICKE

WATER-QUALITY SAMPLING INFORMATION

Project Name SHERWIN-WILLIAMS Project No. 1563.06

Date 7/10/92 Sample No. LF-1

Samplers Name JCK SCH

Sampling Location LF-1

Sampling Method HAND BAIL / DISPOSABLE BAILER

Analyses Requested TPH-D+G, 8270, 8240, METALS

Number and Types of Sample Bottles used 4/L. Gl., 1500mL PL, 6 VOA

Method of Shipment COURIER

13.93
9.08
4.85
.16
2910
485
.7760

GROUND WATER

Well No. LF-1

Well Diameter (in.) 2

Depth to Water, Static (ft) 9.08

Water in Well Box NO

Well Depth (ft) 13.93

Height of Water Column in Well 4.85

Water Volume in Well .78

SURFACE WATER

Stream Width

Stream Depth

Stream Velocity

Rained recently ?

Other

2-inch casing = 0.16 gal/ft

4-inch casing = 0.65 gal/ft

5-inch casing = 1.02 gal/ft

6-inch casing = 1.47 gal/ft

LOCATION MAP

TIME	DEPTH TO WATER (feet)	VOLUME WITHDRAWN (gallons)	TEMP (deg. C)	pH (S.U.)	COND (mhos/cm)	OTHER		REMARKS
10:55								START
10:58			20.5	6.27	1340			TURBID
11:02			20.8	6.20	1291			↓
11:05			20.2	6.18	1254			↓
11:15								SAMPLE

Suggested Method for Purging Well

LEVINE • FRICKE

WATER-QUALITY SAMPLING INFORMATION

Project Name Sherwin-Williams
Project No. 1563.06
Date 7.10.92
Sample No. LF-3
LF-3-Dup
LF-3-TB
Samplers Name SCH JCK
Sampling Location Emeryville
Sampling Method Hand bail / Disposable bailer
Analyses Requested 8240, 8270, TPHg, TPHd, metals
Number and Types of Sample Bottles used 12 VOA/HCL, 8 Amber L, 2x500 ml plasti
Method of Shipment Courier

GROUND WATER

Well No. LF-3
Well Diameter (in.) 2
Depth to Water, Static (ft) 5.09
Water in Well Box NO
Well Depth (ft) 10.35
Height of Water Column in Well 5.26
Water Volume in Well .84 ≈ 1

SURFACE WATER

Stream Width
Stream Depth
Stream Velocity
Rained recently ?
Other

2-inch casing = 0.16 gal/ft
4-inch casing = 0.65 gal/ft
5-inch casing = 1.02 gal/ft
6-inch casing = 1.47 gal/ft

10.35
5.09
5.26
16
3156
5260

LOCATION MAP
.842

TIME	DEPTH TO WATER (feet)	VOLUME WITHDRAWN (gallons)	TEMP (deg. C)	pH (S.U.)	COND (mhos/cm)	OTHER		REMARKS
0958								Start
1001		1	19.9	6.90	2420			Mod. turbid / sl. sheen
1004		2	19.5	6.93	2360			Mod. turbid
1006		3	19.2	6.90	2260			" / Stop
1015	05.93							Sample LF-3
1115								LF-3-Dup
0800								LF-3-TB
	Metals trip blank prepared by lab.							

Suggested Method for Purging Well

LEVINE-FRICKE

WATER-QUALITY SAMPLING INFORMATION

Project Name Sherwin Williams Project No. 1563.06

Date 7.9.92 Sample No. LF-4

Samplers Name SCH JCK

Sampling Location Emeryville

Sampling Method Hand bail / Disposable bailer

Analyses Requested 8240, 8270, TPHg, TPHd, metals

Number and Types of Sample Bottles used 6 VOA/HCl, 4 amber, 1 500 ml plastic

Method of Shipment Courier

GROUND WATER

Well No. LF-4

Well Diameter (in.) 2

Depth to Water, Static (ft) 7.20

Water in Well Box

Well Depth (ft) 13.42

Height of Water Column in Well 6.22

Water Volume in Well .99 ≅ 1

SURFACE WATER

Stream Width

Stream Depth

Stream Velocity

Rained recently ?

Other

2-inch casing = 0.16 gal/ft

4-inch casing = 0.65 gal/ft

5-inch casing = 1.02 gal/ft

6-inch casing = 1.47 gal/ft

13.42
7.20
6.22
16
3732
6220
995

LOCATION MAP

TIME	DEPTH TO WATER (feet)	VOLUME WITHDRAWN (gallons)	TEMP (deg. C)	pH (S.U.)	COND (mhos/cm)	OTHER		REMARKS
1358								start
1401		1	22.0	6.25				sl. turbid
1403		2	21.4	6.39	1060			" / sheen
1406		3	21.2	6.30	1052			" / stop / sheen
1410	7.26							sample LF-4

Suggested Method for Purging Well

10-30-87
LEVINE•FRICKE

WATER-QUALITY SAMPLING INFORMATION

Project Name SHERWIN WILLIAMS — Project No. 1565.06

Date 7/9/92 — Sample No. LF-5

Samplers Name JCK SCH

Sampling Location LF-5

Sampling Method HAND BAIL TEFLON BAILER

Analyses Requested TPH-G+D, 8240, 8270, METALS

Number and Types of Sample Bottles used 4 gl. L., 1500 ml Pl, 6 VOA

Method of Shipment COURIER

GROUND WATER

Well No. LF-5

Well Diameter (in.) 2

Depth to Water, Static (ft) 4.23

Water in Well Box NO

Well Depth (ft) 10.30

Height of Water Column in Well 6.07

Water Volume in Well .9.7

SURFACE WATER

Stream Width

Stream Depth

Stream Velocity

Rained recently ?

Other

2-inch casing = 0.16 gal/ft

4-inch casing = 0.65 gal/ft

5-inch casing = 1.02 gal/ft

6-inch casing = 1.47 gal/ft

10.30
4.23
6.07
.16
3642
607
.9712

LOCATION MAP

TIME	DEPTH TO WATER (feet)	VOLUME WITHDRAWN (gallons)	TEMP (deg. C)	pH (S.U.)	COND (mhos/cm)	OTHER		REMARKS
1437								START
14:39		1.0	21.3	5.89	989			CLEAR
14:41		2.0	21.5	6.00	979			CLEAR
14:43		3.0	20.6	5.89	972			CLEAR
14:45		4.0	20.6	6.11	962			CLEAR
14:47		5.0	20.5	6.02	962			CLEAR
14:50								SAMPLE
1505	4.46							

Suggested Method for Purging Well

LEVINE-FRICKE

WATER-QUALITY SAMPLING INFORMATION

Project Name Sherwin Williams
Project No. 1563.06
Date 7.9.92
Sample No. LF.7
LF.7.Dup
LF.7.TB
Samplers Name SCH JCK
Sampling Location Emeryville
Sampling Method Hand bail / Disposable bailer
Analyses Requested 8240, 8270, TPHg, TPHd, metals
Number and Types of Sample Bottles used
Method of Shipment

GROUND WATER

Well No. LF.7
Well Diameter (in.) 2
Depth to Water, Static (ft) 4.81
Water in Well Box NO
Well Depth (ft) 17.04
Height of Water Column in Well 12.23
Water Volume in Well 1.96 = 2

SURFACE WATER

Stream Width
Stream Depth
Stream Velocity
Rained recently ?
Other

2-inch casing = 0.16 gal/ft
4-inch casing = 0.65 gal/ft
5-inch casing = 1.02 gal/ft
6-inch casing = 1.47 gal/ft

17.04
4.81
12.23
16
7338
12230
1957

LOCATION MAP

TIME	DEPTH TO WATER (feet)	VOLUME WITHDRAWN (gallons)	TEMP (deg. C)	pH (S.U.)	COND (mhos/cm)	OTHER		REMARKS
1016								start
1021		2	20.9	6.35	829			clear
1024		4	20.6	6.27	898			"
1028		6	20.6	6.28	954			" / stop
1035	4.84							Sample LF.7
1135	"							LF.7.Dup
0800								LF.7.TB
	Trip Blank for metals				Supplied by lab			
	"	"	" 8240		poured w/ lab supplied			
								H_2O

Suggested Method for Purging Well

LEVINE-FRICKE

WATER-QUALITY SAMPLING INFORMATION

Project Name SHERWIN-WILLIAMS Project No. 1563.06

Date 7/9/92 Sample No. LF-8

Samplers Name JCK SCH

Sampling Location LF-8

Sampling Method HAND BAIL TEFLON BAILER

Analyses Requested 8240, 8270, TPH-G+B, METALS

Number and Types of Sample Bottles used 4GLL., 1500mlPL, 6VOA

Method of Shipment COURIER

17.03
7.12
9.91
.16
59 46
991
1.5856

LOCATION MAP

GROUND WATER

Well No. LF-8

Well Diameter (in.) 2

Depth to Water, Static (ft) 7.12

Water in Well Box NO

Well Depth (ft) 17.03

Height of Water Column in Well 9.91

Water Volume in Well 1.59

SURFACE WATER

Stream Width

Stream Depth

Stream Velocity

Rained recently ?

Other

2-inch casing = 0.16 gal/ft

4-inch casing = 0.65 gal/ft

5-inch casing = 1.02 gal/ft

6-inch casing = 1.47 gal/ft

TIME	DEPTH TO WATER (feet)	VOLUME WITHDRAWN (gallons)	TEMP (deg. C)	pH (S.U.)	COND (mhos/cm)	OTHER		REMARKS
11:09				6				START
11:13		1.75	17.0	6.88	805			TURBID
11:20	DEWATERED	3.50	16.8	6.88	861			TURBID
1250	7.15							
1255								Sample LF-8

Suggested Method for Purging Well

LEVINE•FRICKE

WATER-QUALITY SAMPLING INFORMATION

Project Name SHERWIN WILLIAMS Project No. 1563.06

Date 7.9.92 Sample No. LF-9

LF-9-BP

Samplers Name SCN JCK

Sampling Location Emeryville

Sampling Method Hand bail / disposable bailer

Analyses Requested 8240, 8270, TPHg, TPHd, metals

Number and Types of Sample Bottles used 9 VOA/HCL, 4 amber L, 1 plastic 500 ml

Method of Shipment Courier

15.18
5.30
9.88
.16
5828
988
1.5708

GROUND WATER

Well No. LF-9

Well Diameter (in.) ~~4~~ 2

Depth to Water, Static (ft) ~~5~~ 5.30

Water in Well Box No

Well Depth (ft) 15.18

Height of Water Column in Well 9.88

Water Volume in Well 1.57

SURFACE WATER

Stream Width

Stream Depth

Stream Velocity

Rained recently?

Other

(2)-inch casing = 0.16 gal/ft

4-inch casing = 0.65 gal/ft

5-inch casing = 1.02 gal/ft

6-inch casing = 1.47 gal/ft

LOCATION MAP

TIME	DEPTH TO WATER (feet)	VOLUME WITHDRAWN (gallons)	TEMP (deg. C)	pH (S.U.)	COND (mhos/cm)	OTHER		REMARKS
13:15								BAILER RINSATE
13:19		~~175~~	21.0	6.44	1200			START
13:23		~~250~~ 1.75	↓	↓				TURBID
13:25		2.50	20.6	6.49	1185			TURBID
13:27		4.25	20.3	6.49	1164			TURBID
13:35								SAMPLE
1348	5.54							

Suggested Method for Purging Well

LEVINE•FRICKE

WATER-QUALITY SAMPLING INFORMATION

Project Name SHERWIN-WILLIAMS. Project No. 1563.06

Date 9/10/92 Sample No. LF-10

Samplers Name JCK SCH

Sampling Location LF-10

Sampling Method HAND BAIL DISPOSABLE BAILER

Analyses Requested TPHG+D, 8270, 8240, METALS

Number and Types of Sample Bottles used 4 VOA, 1 500mL Pl., 6 VOA

Method of Shipment COURIER

GROUND WATER

Well No. LF-10

Well Diameter (in.) 2

Depth to Water, Static (ft) 4.17

Water in Well Box NO

Well Depth (ft) 15.22

Height of Water Column in Well 11.05

Water Volume in Well 1.77

SURFACE WATER

Stream Width

Stream Depth

Stream Velocity

Rained recently?

Other

2-inch casing = 0.16 gal/ft

4-inch casing = 0.65 gal/ft

5-inch casing = 1.02 gal/ft

6-inch casing = 1.47 gal/ft

15.22
4.17
11.05
.16
6630
1105
1.7680

LOCATION MAP

TIME	DEPTH TO WATER (feet)	VOLUME WITHDRAWN (gallons)	TEMP (deg. C)	pH (S.U.)	COND (mhos/cm)	OTHER		REMARKS
9:22								START
9:26		2	21.5	7.35	1443			CLEAR
9:29		4	21.4	6.87	1481			CLEAR
9:32		6	21.4	6.66	1489			CLEAR
9:45								SAMPLE
	pH KIT CALIBRATED							

Suggested Method for Purging Well

LEVINE•FRICKE

WATER-QUALITY SAMPLING INFORMATION

Project Name Sherwin-Williams Project No. 1563.06

Date 7.9.92 Sample No. LF-11

Samplers Name SCH JCK

Sampling Location Emeryville

Sampling Method Hand bail/Disposable bailer

Analyses Requested 8240, 8270, TPHg, TPHd, metals

Number and Types of Sample Bottles used 6 VOA/HCl, 4 amber, 1 plastic 500ml

Method of Shipment Courier

GROUND WATER

Well No. LF-11

Well Diameter (in.) 2

Depth to Water, Static (ft) 3.67

Water in Well Box

Well Depth (ft) 15.20

Height of Water Column in Well 11.53

Water Volume in Well 1.84 ≅ 2

SURFACE WATER

Stream Width

Stream Depth

Stream Velocity

Rained recently ?

Other

2-inch casing = 0.16 gal/ft

4-inch casing = 0.65 gal/ft

5-inch casing = 1.02 gal/ft

6-inch casing = 1.47 gal/ft

15.20
3.67
11.53
16
6918
11530
1.845

LOCATION MAP

TIME	DEPTH TO WATER (feet)	VOLUME WITHDRAWN (gallons)	TEMP (deg. C)	pH (S.U.)	COND (mhos/cm)	OTHER		REMARKS
1133								Start
1138		2	21.6	6.74	1142			Clear
1141		4	21.4	6.71	1158			"
1144		6	21.4	6.75	1166			" /Stop
1145								Sample LF-11

Suggested Method for Purging Well

LEVINE-FRICKE

WATER-QUALITY SAMPLING INFORMATION

Project Name Sherwin-Williams Project No. 1563.06

Date 7.8.92 Sample No. LF-12

Samplers Name SCH JZK

Sampling Location E'ville

Sampling Method Hand bail / disposable bailer

Analyses Requested 8240, 8270, TPHgas, TPHdiesel, metals

Number and Types of Sample Bottles used 6 VOA/HCL, 4 amber L, 1 plastic L

Method of Shipment Courier

GROUND WATER

Well No. LF-12

Well Diameter (in.) 2

Depth to Water, Static (ft) 7.07

Water in Well Box NO

Well Depth (ft) 17.06

Height of Water Column in Well 9.99

Water Volume in Well 1.60

SURFACE WATER

Stream Width

Stream Depth

Stream Velocity

Rained recently ?

Other

2-inch casing = 0.16 gal/ft

4-inch casing = 0.65 gal/ft

5-inch casing = 1.02 gal/ft

6-inch casing = 1.47 gal/ft

17.06
7.07
9.99
.16
5994
599
1.59 84

LOCATION MAP

TIME	DEPTH TO WATER (feet)	VOLUME WITHDRAWN (gallons)	TEMP (deg. C)	pH (S.U.)	COND (mhos/cm)	OTHER		REMARKS
9:40								START
9:44		1.75	20.8	6.67	592			TURB ↓
9:47		3.50	20.6	6.64	583			↓
9:52		5.25	20.5	6.59	575			↓
10:00	7.08							SAMPLE

Suggested Method for Purging Well

LEVINE•FRICKE

WATER-QUALITY SAMPLING INFORMATION

Project Name Sherwin Williams — Project No. 1563.06

Date 7.8.92 — Sample No. LF·13

Samplers Name SCW JCK

Sampling Location E'ville

Sampling Method Hand bail/ disposable

Analyses Requested 8240, TPHg, 8270, metals

Number and Types of Sample Bottles used 6 VOA/HCl, 4 L Amber, ~~1 L~~ 500 ml plastic

Method of Shipment

17.14
6.67
SCK 10.47
16
6282
10 470
1.675

LOCATION MAP

GROUND WATER

Well No. LF·13

Well Diameter (in.) 2

Depth to Water, Static (ft) 6.67

Water in Well Box NO

Well Depth (ft) 17.14

Height of Water Column in Well 10.47

Water Volume in Well 1.75

SURFACE WATER

Stream Width

Stream Depth

Stream Velocity

Rained recently ?

Other

2-inch casing = 0.16 gal/ft

4-inch casing = 0.65 gal/ft

5-inch casing = 1.02 gal/ft

6-inch casing = 1.47 gal/ft

TIME	DEPTH TO WATER (feet)	VOLUME WITHDRAWN (gallons)	TEMP (deg. C)	pH (S.U.)	COND (mhos/cm)	OTHER		REMARKS
0855								start
0859		1.75	20.2	6.55	514			Sl. turbid
0902		3.5	20.2	6.50	524			"
0907		5.25	20.2	6.49	530			" /stop
0910								sample LF·13
0927	6.72							

Suggested Method for Purging Well

LEVINE • FRICKE

WATER-QUALITY SAMPLING INFORMATION

Project Name Sherwin Williams — Project No. 1563.06

Date 7.9.92 — Sample No. LF-14

Samplers Name SCH JCK

Sampling Location Emeryville

Sampling Method Hand bail / Disposable bailer

Analyses Requested 8240, 8270, TPHg, TPHd, metals

Number and Types of Sample Bottles used 6 VOA/HCL

Method of Shipment Courier

GROUND WATER

Well No. LF-14

Well Diameter (in.) 2

Depth to Water, Static (ft) SCH 5.76

Water in Well Box NO

Well Depth (ft) 18.40

Height of Water Column in Well 12.64

Water Volume in Well 1.92

SURFACE WATER

Stream Width

Stream Depth

Stream Velocity

Rained recently ?

Other

(2-inch casing = 0.16 gal/ft)

4-inch casing = 0.65 gal/ft

5-inch casing = 1.02 gal/ft

6-inch casing = 1.47 gal/ft

18.40
5.76
1264
16
6584
1264
19224

LOCATION MAP

TIME	DEPTH TO WATER (feet)	VOLUME WITHDRAWN (gallons)	TEMP (deg. C)	pH (S.U.)	COND (mhos/cm)	OTHER		REMARKS
9:37								START
9:41		2.0	19.9	6.78	585			MODERATELY TURBID
9:44		4.0	19.7	6.87	579			" "
9:48		6.0	19.6	6.76	578			MOD. TURBID
9:55	5.80							SAMPLE

Suggested Method for Purging Well

LEVINE•FRICKE

WATER-QUALITY SAMPLING INFORMATION

Project Name SHERWIN WILLIAMS Project No. 1563.06

Date 7/8/92 Sample No. LF-15

Samplers Name JCK SCH

Sampling Location LF-15

Sampling Method HAND BAIL / DISPOSABLE BAILER

Analyses Requested TPH-G+D, 8270, 8240, METALS

Number and Types of Sample Bottles used 4L.GL., 1500mlPL, 6VOA

Method of Shipment COURIER

18.60
4.82
1378
.16
8268
1378
2.2048

LOCATION MAP

GROUND WATER

Well No. LF-15

Well Diameter (in.) 2

Depth to Water, Static (ft) 4.82

Water in Well Box NO

Well Depth (ft) 18.60

Height of Water Column in Well 1378

Water Volume in Well 2.21

SURFACE WATER

Stream Width

Stream Depth

Stream Velocity

Rained recently?

Other

2-inch casing = 0.16 gal/ft

4-inch casing = 0.65 gal/ft

5-inch casing = 1.02 gal/ft

6-inch casing = 1.47 gal/ft

TIME	DEPTH TO WATER (feet)	VOLUME WITHDRAWN (gallons)	TEMP (deg. C)	pH (S.U.)	COND (mhos/cm)	OTHER		REMARKS
14:59								START
1504		2.25	19.8	6.16	567			Clear w particulates
1508		4.5	19.7	6.23	552			"
1510		6.75	19.3	6.16	546			" /stop
1515								Sample LF-15
1522	4.90							

Suggested Method for Purging Well

LEVINE•FRICKE

WATER-QUALITY SAMPLING INFORMATION

Project Name Shewin-Williams Project No. 1563.06

Date 7.9.92 Sample No. LF-16

Samplers Name SCH JCK

Sampling Location Emeryville

Sampling Method Hand bail / disposable baiker

Analyses Requested 8240, 8270, TPHg, TPHd, Metals

Number and Types of Sample Bottles used 6 VOA/HCL, 4 amber L, 1 plastic 500ml

Method of Shipment Courier

GROUND WATER

Well No. LF-16

Well Diameter (in.) 2

Depth to Water, Static (ft) 4.56

Water in Well Box NO

Well Depth (ft) 18.68

Height of Water Column in Well 14.12

Water Volume in Well 2.26 ~~Gallons~~

SURFACE WATER

Stream Width

Stream Depth

Stream Velocity

Rained recently ?

Other

(2)-inch casing = 0.16 gal/ft

4-inch casing = 0.65 gal/ft

5-inch casing = 1.02 gal/ft

6-inch casing = 1.47 gal/ft

18.68
4.56
14.12
16
8472
14120
2.26

LOCATION MAP

TIME	DEPTH TO WATER (feet)	VOLUME WITHDRAWN (gallons)	TEMP (deg. C)	pH (S.U.)	COND (mhos/cm)	OTHER		REMARKS
0908								start
0912		2.5	18.9	7.24	526			Sl. turbid
0917		5.0	18.8	6.93	528			mod. turbid
0921		7.5	18.6	6.78	530			"
0925								sample LF-16
0933	4.60							

Suggested Method for Purging Well

LEVINE•FRICKE

WATER-QUALITY SAMPLING INFORMATION

Project Name Sherwin-Williams Project No. 1563.06

Date 7.8.92 Sample No. LF·B1

Samplers Name SCH JCK

Sampling Location E'ville

Sampling Method Hand bail / disposable bailer

Analyses Requested 8240, 8270, TPHg, TPHd, metals

Number and Types of Sample Bottles used 6 VOA/HCL, 4 amber L, 1 plastic 500 mL

Method of Shipment

54.51
10.10
44.41
16
26646
44410
7.106

GROUND WATER

Well No. LF·B1

Well Diameter (in.) 2

Depth to Water, Static (ft) 10.10

Water in Well Box NO

Well Depth (ft) 54.51

Height of Water Column in Well 44.41

Water Volume in Well 7.25

SURFACE WATER

Stream Width

Stream Depth

Stream Velocity

Rained recently?

Other

2-inch casing = 0.16 gal/ft

4-inch casing = 0.65 gal/ft

5-inch casing = 1.02 gal/ft

6-inch casing = 1.47 gal/ft

LOCATION MAP

TIME	DEPTH TO WATER (feet)	VOLUME WITHDRAWN (gallons)	TEMP (deg. C)	pH (S.U.)	COND (mhos/cm)	OTHER		REMARKS
1113								start bailing
1128		7.25	21.3	6.56	618			Clear
1140		14.5	19.2	6.25	565			"
11:53		22.0	19.1	[illegible]	556			CLEAR
				6.13				
11:55								SAMPLE
1205	11.46							

Suggested Method for Purging Well cent. pump or hand bail w Teflon ba

LEVINE • FRICKE

WATER-QUALITY SAMPLING INFORMATION

Project Name: Sherwin Williams — Project No.: 1563.06

Date: 7.8.92 — Sample No.: LF·B2

Samplers Name: SCH JCK

Sampling Location: Emeryville

Sampling Method: Hand bail / Disposable bailer

Analyses Requested: 8240, 8270, TPHg, TPHd, metals

Number and Types of Sample Bottles used: 6 VOA/HCL, 4 amber L, 1 plastic 500ml

Method of Shipment: Courier

GROUND WATER

Well No.: LF·B2

Well Diameter (in.): 2

Depth to Water, Static (ft): 3.17

Water in Well Box: NO

Well Depth (ft): 37.60

Height of Water Column in Well: 34.43

Water Volume in Well: 5.51 ℓ

SURFACE WATER

Stream Width

Stream Depth

Stream Velocity

Rained recently ?

Other

2-inch casing = 0.16 gal/ft

4-inch casing = 0.65 gal/ft

5-inch casing = 1.02 gal/ft

6-inch casing = 1.47 gal/ft

37.60
3.17
34.43
16
20658
34430
5.51

LOCATION MAP

TIME	DEPTH TO WATER (feet)	VOLUME WITHDRAWN (gallons)	TEMP (deg. C)	pH (S.U.)	COND (mhos/cm)	OTHER		REMARKS
1317								Start
1325		5.5	19.7	6.35	818			Clear
1335		11	19.2	6.32	806			"
1346		16.5	19.1	6.24	805			"
1350								Sample LF·B2
1400	3.27							

Suggested Method for Purging Well: Cent. pump or hand bail w Teflon

LEVINE • FRICKE

WATER-QUALITY SAMPLING INFORMATION

Project Name SHERWIN WILLIAMS Project No. 1563.06

Date 7/8/92 Sample No. LF-B3

Samplers Name JCK SCH LF-B5-BR

Sampling Location LF-B3 LF-B5-TB

Sampling Method HAND BAIL / DISPOSABLE BAILER

Analyses Requested TPH-G+D, 8270, 8240, METALS

Number and Types of Sample Bottles used 4L.BL, 1500mL PL, 6 VOA

Method of Shipment COURIER

38.70
3.85
34.85
.16
20910
3485
5.576 0

GROUND WATER

Well No. LF-B3

Well Diameter (in.) 2

Depth to Water, Static (ft) 3.85

Water in Well Box YES

Well Depth (ft) 38.70

Height of Water Column in Well 34.85

Water Volume in Well 5.58

SURFACE WATER

Stream Width

Stream Depth

Stream Velocity

Rained recently ?

Other

2-inch casing = 0.16 gal/ft

4-inch casing = 0.65 gal/ft

5-inch casing = 1.02 gal/ft

6-inch casing = 1.47 gal/ft

LOCATION MAP

TIME	DEPTH TO WATER (feet)	VOLUME WITHDRAWN (gallons)	TEMP (deg. C)	pH (S.U.)	COND (mhos/cm)	OTHER		REMARKS
~~1100~~								~~SAMPLE FIELD BLANK + BR~~
1400								BAILER RINSATE
~~1410~~								START
1420		5.75	21.7	6.94	730			CLEAR
1429		11.50	20.3	6.65	661			CLEAR
14:38			20.0	660	644			CLEAR
14:50	3.91							SAMPLE

Suggested Method for Purging Well Cent. pump or hand bail w Teflon

LEVINE-FRICKE

WATER-QUALITY SAMPLING INFORMATION

Project Name SHERWIN-WILLIAMS Project No. 1563.06

Date 7/18/92 Sample No. B-4

Samplers Name JCK SCH

Sampling Location B-4

Sampling Method Hand bail / Teflon bailer

Analyses Requested TPH-D&G, METALS, 8270, 8240

Number and Types of Sample Bottles used 4L. PLASTIC, 1 500ml, 6 VOA

Method of Shipment COURIER

45.06
6.77
38.29
.16
22974
3829
6.1264

LOCATION MAP

GROUND WATER

Well No. B-4

Well Diameter (in.) 2

Depth to Water, Static (ft) 6.77

Water in Well Box NO

Well Depth (ft) 45.06

Height of Water Column in Well 38.29

Water Volume in Well 6.13

SURFACE WATER

Stream Width

Stream Depth

Stream Velocity

Rained recently?

Other

2-inch casing = 0.16 gal/ft

4-inch casing = 0.65 gal/ft

5-inch casing = 1.02 gal/ft

6-inch casing = 1.47 gal/ft

TIME	DEPTH TO WATER (feet)	VOLUME WITHDRAWN (gallons)	TEMP (deg. C)	pH (S.U.)	COND (mhos/cm)	OTHER		REMARKS
10:10								START
10:18		6.25	19.3	6.98	6.37			MODERATELY TURBID
10:26		12.50	19.0	6.68	596			CLEAR
1037		18.75	19.1	6.25	593			Clear/[redacted] SLN
1046		25	19.1	6.17	590			Clear/Stop
1050	6.63							Sample B-4

Suggested Method for Purging Well Cent. pump or hand bail w Teflon

APPENDIX B

LABORATORY CERTIFICATES

~~OK~~
JH DR

ANAMETRIX INC
Environmental & Analytical Chemistry
1961 Concourse Drive, Suite E, San Jose, CA 95131
(408) 432-8192 • Fax (408) 432-8198

REPORT

MR. JOHN DeREAMER
LEVINE-FRICKE
1900 POWELL STREET 12TH FLOOR
EMERYVILLE, CA 94608

Workorder # : 9207088
Date Received : 07/09/92
Project ID : 1563.06
Purchase Order: N/A

The following samples were received at Anametrix, Inc. for analysis :

ANAMETRIX ID	CLIENT SAMPLE ID
9207088- 1	B4
9207088- 2	LF-13
9207088- 3	LF-12
9207088- 4	LF-B1
9207088- 5	LF-B2
9207088- 6	LF-B3-TB
9207088- 7	LF-B3-BR
9207088- 8	LF-B3
9207088- 9	LF-15

This report consists of 47 pages not including the cover letter, and is organized in sections according to the specific Anametrix laboratory group or section which performed the analysis(es) and generated the data. The Report Summary that precedes each section will help you determine which Anametrix group is responsible for those test results, and will bear the signatures of the department supervisor and the chemist who have reviewed the analytical data. Please refer all questions to the department supervisor who signed the form.

Anametrix is certified by the California Department of Health Services (DHS) to perform environmental testing under Certificate Number 1234. A detailed list of the approved fields of testing can be obtained by calling our office, or the DHS Environmental Laboratory Accreditation Program at (415)540-2800.

If you have any further questions or comments on this report, please give us a call as soon as possible. Thank you for using Anametrix.

Sarah Schoen, Ph.D.
Laboratory Director

7-24-92
Date

JUL 27 1992

COPY

ANAMETRIX REPORT DESCRIPTION
GCMS

Organic Analysis Data Sheets (OADS)

OADS forms contain tabulated results for target compounds. The OADS are grouped by method and, within each method, organized sequentially in order of increasing Anametrix ID number.

Tentatively Identified Compounds (TICs)

TIC forms contain tabulated results for non-target compounds detected in GC/MS analyses. TICs must be requested at the time samples are submitted at Anametrix. TIC forms immediately follow the OADS form for each sample. If TICs are requested but not found, then TIC forms will not be included with the report.

Surrogate Recovery Summary (SRS)

SRS forms contain quality assurance data. An SRS form will be printed for each method, if the method requires surrogate compounds. They will list surrogate percent recoveries for all samples and any method blanks. Any surrogate recovery outside the established limits will be flagged with an "*", and the total number of surrogates outside the limits will be listed in the column labelled "Total Out".

Matrix Spike Recovery Form (MSR)

MSR forms contain quality assurance data. They summarize percent recovery and relative percent difference information for matrix spikes and matrix spike duplicates. This information is a statement of both accuracy and precision. Any percent recovery or relative percent difference outside established limits will be flagged with an "*", and the total number outside the limits will be listed at the bottom of the page. Not all reports will contain an MSR form.

Qualifiers

Anametrix uses several data qualifiers (Q) in it's report forms. These qualifiers give additional information on the compounds reported. They should help a data reviewer to verify the integrity of the analytical results. The following is a list of qualifiers and their meanings:

- U - Indicates that the compound was analyzed for, but was not detected at or above the specified reporting limit.
- B - Indicates that the compound was detected in the associated method blank.
- J - Indicates that the compound was detected at an amount below the specified reporting limit. Consequently, the amount should be considered an approximate value. Tentatively identified compounds will always have a "J" qualifier because they are not included in the instrument calibration.
- E - Indicates that the amount reported exceeded the linear range of the instrument calibration.
- D - Indicates that the compound was detected in an analysis performed at a secondary dilution.
- A - Indicates that the tentatively identified compound is a suspected aldol condensation product. This is common in EPA Method 8270 soil analyses.

Absence of a qualifier indicates that the compound was detected at a concentration at or above the specified reporting limit.

REPORTING CONVENTIONS

- Due to a size limitation in our data processing step, only the first eight (8) characters of your project ID and sample ID will be printed on the report forms. However, the report cover letter and report summary pages display up to twenty (20) characters of your project and sample IDs.
- Amounts reported are gross values, i.e., not corrected for method blank contamination.

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MR. JOHN DeREAMER
LEVINE-FRICKE
1900 POWELL STREET 12TH FLOOR
EMERYVILLE, CA 94608

Workorder # : 9207088
Date Received : 07/09/92
Project ID : 1563.06
Purchase Order: N/A
Department : GCMS
Sub-Department: GCMS

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9207088- 1	B4	WATER	07/08/92	8240
9207088- 2	LF-13	WATER	07/08/92	8240
9207088- 3	LF-12	WATER	07/08/92	8240
9207088- 4	LF-B1	WATER	07/08/92	8240
9207088- 5	LF-B2	WATER	07/08/92	8240
9207088- 6	LF-B3-TB	WATER	07/08/92	8240
9207088- 7	LF-B3-BR	WATER	07/08/92	8240
9207088- 8	LF-B3	WATER	07/08/92	8240
9207088- 9	LF-15	WATER	07/08/92	8240
9207088- 1	B4	WATER	07/08/92	8270
9207088- 2	LF-13	WATER	07/08/92	8270
9207088- 3	LF-12	WATER	07/08/92	8270
9207088- 4	LF-B1	WATER	07/08/92	8270
9207088- 5	LF-B2	WATER	07/08/92	8270
9207088- 8	LF-B3	WATER	07/08/92	8270
9207088- 9	LF-15	WATER	07/08/92	8270

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MR. JOHN DeREAMER
LEVINE-FRICKE
1900 POWELL STREET 12TH FLOOR
EMERYVILLE, CA 94608

Workorder # : 9207088
Date Received : 07/09/92
Project ID : 1563.06
Purchase Order: N/A
Department : GCMS
Sub-Department: GCMS

QA/QC SUMMARY :

- A surrogate recovery is outside established limits in the EPA Method 8270 analysis of sample B4.

Department Supervisor 7-21-92 Date

Chemist 7-22-92 Date

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : B4
Matrix : WATER
Date Sampled : 7/ 8/92
Date Analyzed : 7/14/92
Instrument ID : MSD1

Anametrix ID : 9207088-01
Analyst : LY
Supervisor : MH

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10.	ND	U
75-01-4	Vinyl chloride	10.	ND	U
74-83-9	Bromomethane	10.	ND	U
75-00-3	Chloroethane	10.	ND	U
75-69-4	Trichlorofluoromethane	5.	ND	U
75-35-4	1,1-Dichloroethene	5.	ND	U
76-13-1	Trichlorotrifluoroethane	5.	ND	U
67-64-1	Acetone	20.	ND	U
75-15-0	Carbon disulfide	5.	ND	U
75-09-2	Methylene chloride	5.	ND	U
156-60-5	Trans-1,2-dichloroethene	5.	ND	U
75-34-3	1,1-Dichloroethane	5.	ND	U
156-59-2	Cis-1,2-dichloroethene	5.	ND	U
78-93-3	2-Butanone	20.	ND	U
67-66-3	Chloroform	5.	ND	U
71-55-6	1,1,1-Trichloroethane	5.	ND	U
56-23-5	Carbon tetrachloride	5.	ND	U
108-05-4	Vinyl acetate	10.	ND	U
71-43-2	Benzene	5.	ND	U
107-06-2	1,2-Dichloroethane	5.	ND	U
79-01-6	Trichloroethene	5.	ND	U
78-87-5	1,2-Dichloropropane	5.	ND	U
75-27-4	Bromodichloromethane	5.	ND	U
10061-01-5	Cis-1,3-dichloropropene	5.	ND	U
108-10-1	4-Methyl-2-pentanone	10.	ND	U
108-88-3	Toluene	5.	ND	U
10061-02-6	Trans-1,3-dichloropropene	5.	ND	U
79-00-5	1,1,2-Trichloroethane	5.	ND	U
127-18-4	Tetrachloroethene	5.	ND	U
591-78-6	2-Hexanone	10.	ND	U
124-48-1	Dibromochloromethane	5.	ND	U
108-90-7	Chlorobenzene	5.	ND	U
100-41-4	Ethylbenzene	5.	ND	U
1330-20-7	Xylene (Total)	5.	ND	U
100-42-5	Styrene	5.	ND	U
75-25-2	Bromoform	5.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	ND	U
541-73-1	1,3-Dichlorobenzene	5.	ND	U
106-46-7	1,4-Dichlorobenzene	5.	ND	U
95-50-1	1,2-Dichlorobenzene	5.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-13
Matrix : WATER
Date Sampled : 7/ 8/92
Date Analyzed : 7/14/92
Instrument ID : MSD1

Anametrix ID : 9207088-02
Analyst : LY
Supervisor : MH

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10.	ND	U
75-01-4	Vinyl chloride	10.	ND	U
74-83-9	Bromomethane	10.	ND	U
75-00-3	Chloroethane	10.	ND	U
75-69-4	Trichlorofluoromethane	5.	ND	U
75-35-4	1,1-Dichloroethene	5.	ND	U
76-13-1	Trichlorotrifluoroethane	5.	ND	U
67-64-1	Acetone	20.	ND	U
75-15-0	Carbon disulfide	5.	ND	U
75-09-2	Methylene chloride	5.	ND	U
156-60-5	Trans-1,2-dichloroethene	5.	ND	U
75-34-3	1,1-Dichloroethane	5.	ND	U
156-59-2	Cis-1,2-dichloroethene	5.	ND	U
78-93-3	2-Butanone	20.	ND	U
67-66-3	Chloroform	5.	ND	U
71-55-6	1,1,1-Trichloroethane	5.	10.	
56-23-5	Carbon tetrachloride	5.	ND	U
108-05-4	Vinyl acetate	10.	ND	U
71-43-2	Benzene	5.	ND	U
107-06-2	1,2-Dichloroethane	5.	ND	U
79-01-6	Trichloroethene	5.	ND	U
78-87-5	1,2-Dichloropropane	5.	ND	U
75-27-4	Bromodichloromethane	5.	ND	U
10061-01-5	Cis-1,3-dichloropropene	5.	ND	U
108-10-1	4-Methyl-2-pentanone	10.	ND	U
108-88-3	Toluene	5.	ND	U
10061-02-6	Trans-1,3-dichloropropene	5.	ND	U
79-00-5	1,1,2-Trichloroethane	5.	ND	U
127-18-4	Tetrachloroethene	5.	ND	U
591-78-6	2-Hexanone	10.	ND	U
124-48-1	Dibromochloromethane	5.	ND	U
108-90-7	Chlorobenzene	5.	ND	U
100-41-4	Ethylbenzene	5.	ND	U
1330-20-7	Xylene (Total)	5.	ND	U
100-42-5	Styrene	5.	ND	U
75-25-2	Bromoform	5.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	ND	U
541-73-1	1,3-Dichlorobenzene	5.	ND	U
106-46-7	1,4-Dichlorobenzene	5.	ND	U
95-50-1	1,2-Dichlorobenzene	5.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-12
Matrix : WATER
Date Sampled : 7/ 8/92
Date Analyzed : 7/14/92
Instrument ID : MSD1

Anametrix ID : 9207088-03
Analyst :
Supervisor :

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10.	ND	U
75-01-4	Vinyl chloride	10.	ND	U
74-83-9	Bromomethane	10.	ND	U
75-00-3	Chloroethane	10.	ND	U
75-69-4	Trichlorofluoromethane	5.	ND	U
75-35-4	1,1-Dichloroethene	5.	ND	U
76-13-1	Trichlorotrifluoroethane	5.	ND	U
67-64-1	Acetone	20.	ND	U
75-15-0	Carbon disulfide	5.	ND	U
75-09-2	Methylene chloride	5.	ND	U
156-60-5	Trans-1,2-dichloroethene	5.	ND	U
75-34-3	1,1-Dichloroethane	5.	ND	U
156-59-2	Cis-1,2-dichloroethene	5.	ND	U
78-93-3	2-Butanone	20.	ND	U
67-66-3	Chloroform	5.	ND	U
71-55-6	1,1,1-Trichloroethane	5.	ND	U
56-23-5	Carbon tetrachloride	5.	ND	U
108-05-4	Vinyl acetate	10.	ND	U
71-43-2	Benzene	5.	ND	U
107-06-2	1,2-Dichloroethane	5.	ND	U
79-01-6	Trichloroethene	5.	ND	U
78-87-5	1,2-Dichloropropane	5.	ND	U
75-27-4	Bromodichloromethane	5.	ND	U
10061-01-5	Cis-1,3-dichloropropene	5.	ND	U
108-10-1	4-Methyl-2-pentanone	10.	ND	U
108-88-3	Toluene	5.	ND	U
10061-02-6	Trans-1,3-dichloropropene	5.	ND	U
79-00-5	1,1,2-Trichloroethane	5.	ND	U
127-18-4	Tetrachloroethene	5.	ND	U
591-78-6	2-Hexanone	10.	ND	U
124-48-1	Dibromochloromethane	5.	ND	U
108-90-7	Chlorobenzene	5.	ND	U
100-41-4	Ethylbenzene	5.	ND	U
1330-20-7	Xylene (Total)	5.	ND	U
100-42-5	Styrene	5.	ND	U
75-25-2	Bromoform	5.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	ND	U
541-73-1	1,3-Dichlorobenzene	5.	ND	U
106-46-7	1,4-Dichlorobenzene	5.	ND	U
95-50-1	1,2-Dichlorobenzene	5.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-B1
Matrix : WATER
Date Sampled : 7/ 8/92
Date Analyzed : 7/14/92
Instrument ID : MSD1

Anametrix ID : 9207088-04
Analyst : [illegible]
Supervisor : [illegible]

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10.	ND	U
75-01-4	Vinyl chloride	10.	ND	U
74-83-9	Bromomethane	10.	ND	U
75-00-3	Chloroethane	10.	ND	U
75-69-4	Trichlorofluoromethane	5.	ND	U
75-35-4	1,1-Dichloroethene	5.	ND	U
76-13-1	Trichlorotrifluoroethane	5.	ND	U
67-64-1	Acetone	20.	ND	U
75-15-0	Carbon disulfide	5.	ND	U
75-09-2	Methylene chloride	5.	ND	U
156-60-5	Trans-1,2-dichloroethene	5.	ND	U
75-34-3	1,1-Dichloroethane	5.	ND	U
156-59-2	Cis-1,2-dichloroethene	5.	ND	U
78-93-3	2-Butanone	20.	ND	U
67-66-3	Chloroform	5.	ND	U
71-55-6	1,1,1-Trichloroethane	5.	ND	U
56-23-5	Carbon tetrachloride	5.	ND	U
108-05-4	Vinyl acetate	10.	ND	U
71-43-2	Benzene	5.	ND	U
107-06-2	1,2-Dichloroethane	5.	150.	
79-01-6	Trichloroethene	5.	ND	U
78-87-5	1,2-Dichloropropane	5.	ND	U
75-27-4	Bromodichloromethane	5.	ND	U
10061-01-5	Cis-1,3-dichloropropene	5.	ND	U
108-10-1	4-Methyl-2-pentanone	10.	ND	U
108-88-3	Toluene	5.	ND	U
10061-02-6	Trans-1,3-dichloropropene	5.	ND	U
79-00-5	1,1,2-Trichloroethane	5.	ND	U
127-18-4	Tetrachloroethene	5.	ND	U
591-78-6	2-Hexanone	10.	ND	U
124-48-1	Dibromochloromethane	5.	ND	U
108-90-7	Chlorobenzene	5.	ND	U
100-41-4	Ethylbenzene	5.	ND	U
1330-20-7	Xylene (Total)	5.	ND	U
100-42-5	Styrene	5.	ND	U
75-25-2	Bromoform	5.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	ND	U
541-73-1	1,3-Dichlorobenzene	5.	ND	U
106-46-7	1,4-Dichlorobenzene	5.	ND	U
95-50-1	1,2-Dichlorobenzene	5.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-B2
Matrix : WATER
Date Sampled : 7/ 8/92
Date Analyzed : 7/14/92
Instrument ID : MSD1

Anametrix ID : 9207088-05
Analyst : [illegible]
Supervisor : [illegible]

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10.	ND	U
75-01-4	Vinyl chloride	10.	ND	U
74-83-9	Bromomethane	10.	ND	U
75-00-3	Chloroethane	10.	ND	U
75-69-4	Trichlorofluoromethane	5.	ND	U
75-35-4	1,1-Dichloroethene	5.	ND	U
76-13-1	Trichlorotrifluoroethane	5.	ND	U
67-64-1	Acetone	20.	ND	U
75-15-0	Carbon disulfide	5.	ND	U
75-09-2	Methylene chloride	5.	ND	U
156-60-5	Trans-1,2-dichloroethene	5.	ND	U
75-34-3	1,1-Dichloroethane	5.	ND	U
156-59-2	Cis-1,2-dichloroethene	5.	ND	U
78-93-3	2-Butanone	20.	ND	U
67-66-3	Chloroform	5.	ND	U
71-55-6	1,1,1-Trichloroethane	5.	ND	U
56-23-5	Carbon tetrachloride	5.	ND	U
108-05-4	Vinyl acetate	10.	ND	U
71-43-2	Benzene	5.	ND	U
107-06-2	1,2-Dichloroethane	5.	6.	
79-01-6	Trichloroethene	5.	ND	U
78-87-5	1,2-Dichloropropane	5.	ND	U
75-27-4	Bromodichloromethane	5.	ND	U
10061-01-5	Cis-1,3-dichloropropene	5.	ND	U
108-10-1	4-Methyl-2-pentanone	10.	ND	U
108-88-3	Toluene	5.	ND	U
10061-02-6	Trans-1,3-dichloropropene	5.	ND	U
79-00-5	1,1,2-Trichloroethane	5.	ND	U
127-18-4	Tetrachloroethene	5.	ND	U
591-78-6	2-Hexanone	10.	ND	U
124-48-1	Dibromochloromethane	5.	ND	U
108-90-7	Chlorobenzene	5.	ND	U
100-41-4	Ethylbenzene	5.	ND	U
1330-20-7	Xylene (Total)	5.	ND	U
100-42-5	Styrene	5.	ND	U
75-25-2	Bromoform	5.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	ND	U
541-73-1	1,3-Dichlorobenzene	5.	ND	U
106-46-7	1,4-Dichlorobenzene	5.	ND	U
95-50-1	1,2-Dichlorobenzene	5.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID	: 1563.06	Anametrix ID	: 9207088-06
Sample ID	: LF-B3-TB	Analyst	: H
Matrix	: WATER	Supervisor	: CM
Date Sampled	: 7/ 8/92		
Date Analyzed	: 7/14/92	Dilution Factor	: 1.0
Instrument ID	: MSD1	Conc. Units	: ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10.	ND	U
75-01-4	Vinyl chloride	10.	ND	U
74-83-9	Bromomethane	10.	ND	U
75-00-3	Chloroethane	10.	ND	U
75-69-4	Trichlorofluoromethane	5.	ND	U
75-35-4	1,1-Dichloroethene	5.	ND	U
76-13-1	Trichlorotrifluoroethane	5.	ND	U
67-64-1	Acetone	20.	ND	U
75-15-0	Carbon disulfide	5.	ND	U
75-09-2	Methylene chloride	5.	ND	U
156-60-5	Trans-1,2-dichloroethene	5.	ND	U
75-34-3	1,1-Dichloroethane	5.	ND	U
156-59-2	Cis-1,2-dichloroethene	5.	ND	U
78-93-3	2-Butanone	20.	ND	U
67-66-3	Chloroform	5.	ND	U
71-55-6	1,1,1-Trichloroethane	5.	ND	U
56-23-5	Carbon tetrachloride	5.	ND	U
108-05-4	Vinyl acetate	10.	ND	U
71-43-2	Benzene	5.	ND	U
107-06-2	1,2-Dichloroethane	5.	ND	U
79-01-6	Trichloroethene	5.	ND	U
78-87-5	1,2-Dichloropropane	5.	ND	U
75-27-4	Bromodichloromethane	5.	ND	U
10061-01-5	Cis-1,3-dichloropropene	5.	ND	U
108-10-1	4-Methyl-2-pentanone	10.	ND	U
108-88-3	Toluene	5.	ND	U
10061-02-6	Trans-1,3-dichloropropene	5.	ND	U
79-00-5	1,1,2-Trichloroethane	5.	ND	U
127-18-4	Tetrachloroethene	5.	ND	U
591-78-6	2-Hexanone	10.	ND	U
124-48-1	Dibromochloromethane	5.	ND	U
108-90-7	Chlorobenzene	5.	ND	U
100-41-4	Ethylbenzene	5.	ND	U
1330-20-7	Xylene (Total)	5.	ND	U
100-42-5	Styrene	5.	ND	U
75-25-2	Bromoform	5.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	ND	U
541-73-1	1,3-Dichlorobenzene	5.	ND	U
106-46-7	1,4-Dichlorobenzene	5.	ND	U
95-50-1	1,2-Dichlorobenzene	5.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-B3-BR
Matrix : WATER
Date Sampled : 7/ 8/92
Date Analyzed : 7/14/92
Instrument ID : MSD1

Anametrix ID : 9207088-07
Analyst : LY
Supervisor : LH

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10.	ND	U
75-01-4	Vinyl chloride	10.	ND	U
74-83-9	Bromomethane	10.	ND	U
75-00-3	Chloroethane	10.	ND	U
75-69-4	Trichlorofluoromethane	5.	ND	U
75-35-4	1,1-Dichloroethene	5.	ND	U
76-13-1	Trichlorotrifluoroethane	5.	ND	U
67-64-1	Acetone	20.	ND	U
75-15-0	Carbon disulfide	5.	ND	U
75-09-2	Methylene chloride	5.	ND	U
156-60-5	Trans-1,2-dichloroethene	5.	ND	U
75-34-3	1,1-Dichloroethane	5.	ND	U
156-59-2	Cis-1,2-dichloroethene	5.	ND	U
78-93-3	2-Butanone	20.	ND	U
67-66-3	Chloroform	5.	ND	U
71-55-6	1,1,1-Trichloroethane	5.	ND	U
56-23-5	Carbon tetrachloride	5.	ND	U
108-05-4	Vinyl acetate	10.	ND	U
71-43-2	Benzene	5.	ND	U
107-06-2	1,2-Dichloroethane	5.	ND	U
79-01-6	Trichloroethene	5.	ND	U
78-87-5	1,2-Dichloropropane	5.	ND	U
75-27-4	Bromodichloromethane	5.	ND	U
10061-01-5	Cis-1,3-dichloropropene	5.	ND	U
108-10-1	4-Methyl-2-pentanone	10.	ND	U
108-88-3	Toluene	5.	ND	U
10061-02-6	Trans-1,3-dichloropropene	5.	ND	U
79-00-5	1,1,2-Trichloroethane	5.	ND	U
127-18-4	Tetrachloroethene	5.	ND	U
591-78-6	2-Hexanone	10.	ND	U
124-48-1	Dibromochloromethane	5.	ND	U
108-90-7	Chlorobenzene	5.	ND	U
100-41-4	Ethylbenzene	5.	ND	U
1330-20-7	Xylene (Total)	5.	ND	U
100-42-5	Styrene	5.	ND	U
75-25-2	Bromoform	5.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	ND	U
541-73-1	1,3-Dichlorobenzene	5.	ND	U
106-46-7	1,4-Dichlorobenzene	5.	ND	U
95-50-1	1,2-Dichlorobenzene	5.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-B3
Matrix : WATER
Date Sampled : 7/ 8/92
Date Analyzed : 7/14/92
Instrument ID : MSD1

Anametrix ID : 9207088-08
Analyst : LY
Supervisor : [illegible]

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10.	ND	U
75-01-4	Vinyl chloride	10.	ND	U
74-83-9	Bromomethane	10.	ND	U
75-00-3	Chloroethane	10.	ND	U
75-69-4	Trichlorofluoromethane	5.	ND	U
75-35-4	1,1-Dichloroethene	5.	ND	U
76-13-1	Trichlorotrifluoroethane	5.	ND	U
67-64-1	Acetone	20.	ND	U
75-15-0	Carbon disulfide	5.	ND	U
75-09-2	Methylene chloride	5.	ND	U
156-60-5	Trans-1,2-dichloroethene	5.	ND	U
75-34-3	1,1-Dichloroethane	5.	ND	U
156-59-2	Cis-1,2-dichloroethene	5.	ND	U
78-93-3	2-Butanone	20.	ND	U
67-66-3	Chloroform	5.	ND	U
71-55-6	1,1,1-Trichloroethane	5.	ND	U
56-23-5	Carbon tetrachloride	5.	ND	U
108-05-4	Vinyl acetate	10.	ND	U
71-43-2	Benzene	5.	ND	U
107-06-2	1,2-Dichloroethane	5.	110.	
79-01-6	Trichloroethene	5.	ND	U
78-87-5	1,2-Dichloropropane	5.	ND	U
75-27-4	Bromodichloromethane	5.	ND	U
10061-01-5	Cis-1,3-dichloropropene	5.	ND	U
108-10-1	4-Methyl-2-pentanone	10.	ND	U
108-88-3	Toluene	5.	ND	U
10061-02-6	Trans-1,3-dichloropropene	5.	ND	U
79-00-5	1,1,2-Trichloroethane	5.	ND	U
127-18-4	Tetrachloroethene	5.	ND	U
591-78-6	2-Hexanone	10.	ND	U
124-48-1	Dibromochloromethane	5.	ND	U
108-90-7	Chlorobenzene	5.	ND	U
100-41-4	Ethylbenzene	5.	ND	U
1330-20-7	Xylene (Total)	5.	ND	U
100-42-5	Styrene	5.	ND	U
75-25-2	Bromoform	5.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	ND	U
541-73-1	1,3-Dichlorobenzene	5.	ND	U
106-46-7	1,4-Dichlorobenzene	5.	ND	U
95-50-1	1,2-Dichlorobenzene	5.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID	: 1563.06	Anametrix ID	: 9207088-09
Sample ID	: LF-15	Analyst	:
Matrix	: WATER	Supervisor	:
Date Sampled	: 7/ 8/92		
Date Analyzed	: 7/15/92	Dilution Factor	: 1.0
Instrument ID	: MSD1	Conc. Units	: ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10.	ND	U
75-01-4	Vinyl chloride	10.	ND	U
74-83-9	Bromomethane	10.	ND	U
75-00-3	Chloroethane	10.	ND	U
75-69-4	Trichlorofluoromethane	5.	ND	U
75-35-4	1,1-Dichloroethene	5.	ND	U
76-13-1	Trichlorotrifluoroethane	5.	ND	U
67-64-1	Acetone	20.	ND	U
75-15-0	Carbon disulfide	5.	ND	U
75-09-2	Methylene chloride	5.	ND	U
156-60-5	Trans-1,2-dichloroethene	5.	ND	U
75-34-3	1,1-Dichloroethane	5.	ND	U
156-59-2	Cis-1,2-dichloroethene	5.	ND	U
78-93-3	2-Butanone	20.	ND	U
67-66-3	Chloroform	5.	ND	U
71-55-6	1,1,1-Trichloroethane	5.	ND	U
56-23-5	Carbon tetrachloride	5.	ND	U
108-05-4	Vinyl acetate	10.	ND	U
71-43-2	Benzene	5.	ND	U
107-06-2	1,2-Dichloroethane	5.	ND	U
79-01-6	Trichloroethene	5.	ND	U
78-87-5	1,2-Dichloropropane	5.	ND	U
75-27-4	Bromodichloromethane	5.	ND	U
10061-01-5	Cis-1,3-dichloropropene	5.	ND	U
108-10-1	4-Methyl-2-pentanone	10.	ND	U
108-88-3	Toluene	5.	ND	U
10061-02-6	Trans-1,3-dichloropropene	5.	ND	U
79-00-5	1,1,2-Trichloroethane	5.	ND	U
127-18-4	Tetrachloroethene	5.	ND	U
591-78-6	2-Hexanone	10.	ND	U
124-48-1	Dibromochloromethane	5.	ND	U
108-90-7	Chlorobenzene	5.	ND	U
100-41-4	Ethylbenzene	5.	ND	U
1330-20-7	Xylene (Total)	5.	ND	U
100-42-5	Styrene	5.	ND	U
75-25-2	Bromoform	5.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	ND	U
541-73-1	1,3-Dichlorobenzene	5.	ND	U
106-46-7	1,4-Dichlorobenzene	5.	ND	U
95-50-1	1,2-Dichlorobenzene	5.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.0
Sample ID : BLANK
Matrix : WATER
Date Sampled : 0/ 0/ 0
Date Analyzed : 7/14/92
Instrument ID : MSD1

Anametrix ID : BL1402A2
Analyst : LY
Supervisor : MH

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10.	ND	U
75-01-4	Vinyl chloride	10.	ND	U
74-83-9	Bromomethane	10.	ND	U
75-00-3	Chloroethane	10.	ND	U
75-69-4	Trichlorofluoromethane	5.	ND	U
75-35-4	1,1-Dichloroethene	5.	ND	U
76-13-1	Trichlorotrifluoroethane	5.	ND	U
67-64-1	Acetone	20.	ND	U
75-15-0	Carbon disulfide	5.	ND	U
75-09-2	Methylene chloride	5.	ND	U
156-60-5	Trans-1,2-dichloroethene	5.	ND	U
75-34-3	1,1-Dichloroethane	5.	ND	U
156-59-2	Cis-1,2-dichloroethene	5.	ND	U
78-93-3	2-Butanone	20.	ND	U
67-66-3	Chloroform	5.	ND	U
71-55-6	1,1,1-Trichloroethane	5.	ND	U
56-23-5	Carbon tetrachloride	5.	ND	U
108-05-4	Vinyl acetate	10.	ND	U
71-43-2	Benzene	5.	ND	U
107-06-2	1,2-Dichloroethane	5.	ND	U
79-01-6	Trichloroethene	5.	ND	U
78-87-5	1,2-Dichloropropane	5.	ND	U
75-27-4	Bromodichloromethane	5.	ND	U
10061-01-5	Cis-1,3-dichloropropene	5.	ND	U
108-10-1	4-Methyl-2-pentanone	10.	ND	U
108-88-3	Toluene	5.	ND	U
10061-02-6	Trans-1,3-dichloropropene	5.	ND	U
79-00-5	1,1,2-Trichloroethane	5.	ND	U
127-18-4	Tetrachloroethene	5.	ND	U
591-78-6	2-Hexanone	10.	ND	U
124-48-1	Dibromochloromethane	5.	ND	U
108-90-7	Chlorobenzene	5.	ND	U
100-41-4	Ethylbenzene	5.	ND	U
1330-20-7	Xylene (Total)	5.	ND	U
100-42-5	Styrene	5.	ND	U
75-25-2	Bromoform	5.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	ND	U
541-73-1	1,3-Dichlorobenzene	5.	ND	U
106-46-7	1,4-Dichlorobenzene	5.	ND	U
95-50-1	1,2-Dichlorobenzene	5.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID :
Sample ID : BLANK
Matrix : WATER
Date Sampled : 0/ 0/ 0
Date Analyzed : 7/15/92
Instrument ID : MSD1

Anametrix ID : BL1502A2
Analyst : 4
Supervisor : 4

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10.	ND	U
75-01-4	Vinyl chloride	10.	ND	U
74-83-9	Bromomethane	10.	ND	U
75-00-3	Chloroethane	10.	ND	U
75-69-4	Trichlorofluoromethane	5.	ND	U
75-35-4	1,1-Dichloroethene	5.	ND	U
76-13-1	Trichlorotrifluoroethane	5.	ND	U
67-64-1	Acetone	20.	ND	U
75-15-0	Carbon disulfide	5.	ND	U
75-09-2	Methylene chloride	5.	ND	U
156-60-5	Trans-1,2-dichloroethene	5.	ND	U
75-34-3	1,1-Dichloroethane	5.	ND	U
156-59-2	Cis-1,2-dichloroethene	5.	ND	U
78-93-3	2-Butanone	20.	ND	U
67-66-3	Chloroform	5.	ND	U
71-55-6	1,1,1-Trichloroethane	5.	ND	U
56-23-5	Carbon tetrachloride	5.	ND	U
108-05-4	Vinyl acetate	10.	ND	U
71-43-2	Benzene	5.	ND	U
107-06-2	1,2-Dichloroethane	5.	ND	U
79-01-6	Trichloroethene	5.	ND	U
78-87-5	1,2-Dichloropropane	5.	ND	U
75-27-4	Bromodichloromethane	5.	ND	U
10061-01-5	Cis-1,3-dichloropropene	5.	ND	U
108-10-1	4-Methyl-2-pentanone	10.	ND	U
108-88-3	Toluene	5.	ND	U
10061-02-6	Trans-1,3-dichloropropene	5.	ND	U
79-00-5	1,1,2-Trichloroethane	5.	ND	U
127-18-4	Tetrachloroethene	5.	ND	U
591-78-6	2-Hexanone	10.	ND	U
124-48-1	Dibromochloromethane	5.	ND	U
108-90-7	Chlorobenzene	5.	ND	U
100-41-4	Ethylbenzene	5.	ND	U
1330-20-7	Xylene (Total)	5.	ND	U
100-42-5	Styrene	5.	ND	U
75-25-2	Bromoform	5.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	ND	U
541-73-1	1,3-Dichlorobenzene	5.	ND	U
106-46-7	1,4-Dichlorobenzene	5.	ND	U
95-50-1	1,2-Dichlorobenzene	5.	ND	U

SURROGATE RECOVERY SUMMARY -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Matrix : LIQUID

Anametrix ID : 9207088
Analyst : 4
Supervisor : 4

	SAMPLE ID	SU1	SU2	SU3
1	BLANK	97	96	93
2	B4	95	97	95
3	B4 MS	98	98	96
4	B4 MSD	96	97	96
5	LF-13	97	97	96
6	LF-12	96	97	97
7	LF-B1	95	98	96
8	LF-B2	97	98	97
9	LF-B3-TB	97	96	97
10	LF-B3-BR	97	98	95
11	LF-B3	95	96	96
12	BLANK	98	100	99
13	LF-15	112	97	93
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

	QC LIMITS
SU1 = 1,2-Dichloroethane-d4	(75-113)
SU2 = Toluene-d8	(83-110)
SU3 = 1,4-Bromofluorobenzene	(82-114)

* Values outside of Anametrix QC limits

MATRIX SPIKE RECOVERY FORM -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : B4
Matrix : WATER
Date Sampled : 7/ 8/92
Date Analyzed : 7/14/92
Instrument ID : MSD1

Anametrix ID : 9207088-01
Analyst : LJ
Supervisor : [illegible]

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	%REC LIMITS
1,1-Dichloroethene	50.	0.	55.	109	67-150
Benzene	50.	0.	49.	98	75-134
Trichloroethene	50.	0.	47.	94	69-136
Toluene	50.	0.	46.	91	78-130
Chlorobenzene	50.	0.	49.	98	85-130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	RPD LIMITS	%REC LIMITS
1,1-Dichloroethene	50.	58.	115	5	25	67-150
Benzene	50.	54.	107	9	25	75-134
Trichloroethene	50.	52.	103	9	25	69-136
Toluene	50.	50.	101	10	25	78-130
Chlorobenzene	50.	54.	108	10	25	85-130

* Value is outside of Anametrix QC limits

RPD: 0 out of 5 outside limits
Spike Recovery: 0 out of 10 outside limits

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : B4
Matrix : WATER
Date Sampled : 7/ 8/92
Date Extracted : 7/14/92
Amount Extracted : 1000.0 mL
Date Analyzed : 7/16/92
Instrument ID : F3

Anametrix ID : 9207088-01
Analyst : MCT
Supervisor : MH

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	10.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	10.	ND	U
95-57-8	2-CHLOROPHENOL	10.	ND	U
541-73-1	1,3-DICHLOROBENZENE	10.	ND	U
106-46-7	1,4-DICHLOROBENZENE	10.	ND	U
100-51-6	BENZYL ALCOHOL	10.	ND	U
95-50-1	1,2-DICHLOROBENZENE	10.	ND	U
95-48-7	2-METHYLPHENOL	10.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	10.	ND	U
106-44-5	4-METHYLPHENOL	10.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10.	ND	U
67-72-1	HEXACHLOROETHANE	10.	ND	U
98-95-3	NITROBENZENE	10.	ND	U
78-59-1	ISOPHORONE	10.	ND	U
88-75-5	2-NITROPHENOL	10.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	10.	ND	U
65-85-0	BENZOIC ACID	50.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	10.	ND	U
120-83-2	2,4-DICHLOROPHENOL	10.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	10.	ND	U
91-20-3	NAPHTHALENE	10.	ND	U
106-47-8	4-CHLOROANILINE	10.	ND	U
87-68-3	HEXACHLOROBUTADIENE	10.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	10.	ND	U
91-57-6	2-METHYLNAPHTHALENE	10.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	10.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	10.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	50.	ND	U
91-58-7	2-CHLORONAPHTHALENE	10.	ND	U
88-74-4	2-NITROANILINE	50.	ND	U
131-11-3	DIMETHYLPHTHALATE	10.	ND	U
208-96-8	ACENAPHTHYLENE	10.	ND	U
99-09-2	3-NITROANILINE	50.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID	: 1563.06	Anametrix ID	: 9207088-01
Sample ID	: B4	Analyst	: MCP
Matrix	: WATER	Supervisor	: MH
Date Sampled	: 7/ 8/92		
Date Extracted	: 7/14/92		
Amount Extracted	: 1000.0 mL		
Date Analyzed	: 7/16/92	Dilution Factor	: 1.0
Instrument ID	: F3	Conc. Units	: ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
83-32-9	ACENAPHTHENE	10.	ND	U
51-28-5	2,4-DINITROPHENOL	50.	ND	U
100-02-7	4-NITROPHENOL	50.	ND	U
132-64-9	DIBENZOFURAN	10.	ND	U
121-14-2	2,4-DINITROTOLUENE	10.	ND	U
606-20-2	2,6-DINITROTOLUENE	10.	ND	U
84-66-2	DIETHYLPHTHALATE	10.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	10.	ND	U
86-73-7	FLUORENE	10.	ND	U
100-01-6	4-NITROANILINE	50.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	50.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	10.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	10.	ND	U
118-74-1	HEXACHLOROBENZENE	10.	ND	U
87-86-5	PENTACHLOROPHENOL	50.	ND	U
85-01-8	PHENANTHRENE	10.	ND	U
120-12-7	ANTHRACENE	10.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	10.	ND	U
206-44-0	FLUORANTHENE	10.	ND	U
129-00-0	PYRENE	10.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	10.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	20.	ND	U
56-55-3	BENZO(A)ANTHRACENE	10.	ND	U
218-01-9	CHRYSENE	10.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	10.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	10.	ND	U
205-99-2	BENZO(B)FLUORANTHENE	10.	ND	U
207-08-9	BENZO(K)FLUORANTHENE	10.	ND	U
50-32-8	BENZO(A)PYRENE	10.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	10.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	10.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	10.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	10.	ND	U
4165-61-1	ANILINE	10.	ND	U
103-33-3	AZOBENZENE	10.	ND	U
92-87-5	BENZIDINE	10.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-13
Matrix : WATER
Date Sampled : 7/ 8/92
Date Extracted : 7/14/92
Amount Extracted : 1000.0 mL
Date Analyzed : 7/17/92
Instrument ID : F3

Anametrix ID : 9207088-02
Analyst : MCT
Supervisor : MH

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	10.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	10.	ND	U
95-57-8	2-CHLOROPHENOL	10.	ND	U
541-73-1	1,3-DICHLOROBENZENE	10.	ND	U
106-46-7	1,4-DICHLOROBENZENE	10.	ND	U
100-51-6	BENZYL ALCOHOL	10.	ND	U
95-50-1	1,2-DICHLOROBENZENE	10.	ND	U
95-48-7	2-METHYLPHENOL	10.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	10.	ND	U
106-44-5	4-METHYLPHENOL	10.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10.	ND	U
67-72-1	HEXACHLOROETHANE	10.	ND	U
98-95-3	NITROBENZENE	10.	ND	U
78-59-1	ISOPHORONE	10.	ND	U
88-75-5	2-NITROPHENOL	10.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	10.	ND	U
65-85-0	BENZOIC ACID	50.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	10.	ND	U
120-83-2	2,4-DICHLOROPHENOL	10.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	10.	ND	U
91-20-3	NAPHTHALENE	10.	ND	U
106-47-8	4-CHLOROANILINE	10.	ND	U
87-68-3	HEXACHLOROBUTADIENE	10.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	10.	ND	U
91-57-6	2-METHYLNAPHTHALENE	10.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	10.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	10.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	50.	ND	U
91-58-7	2-CHLORONAPHTHALENE	10.	ND	U
88-74-4	2-NITROANILINE	50.	ND	U
131-11-3	DIMETHYLPHTHALATE	10.	ND	U
208-96-8	ACENAPHTHYLENE	10.	ND	U
99-09-2	3-NITROANILINE	50.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-13
Matrix : WATER
Date Sampled : 7/ 8/92
Date Extracted : 7/14/92
Amount Extracted : 1000.0 mL
Date Analyzed : 7/17/92
Instrument ID : F3

Anametrix ID : 9207088-02
Analyst : MET
Supervisor : UH

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
83-32-9	ACENAPHTHENE	10.	ND	U
51-28-5	2,4-DINITROPHENOL	50.	ND	U
100-02-7	4-NITROPHENOL	50.	ND	U
132-64-9	DIBENZOFURAN	10.	ND	U
121-14-2	2,4-DINITROTOLUENE	10.	ND	U
606-20-2	2,6-DINITROTOLUENE	10.	ND	U
84-66-2	DIETHYLPHTHALATE	10.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	10.	ND	U
86-73-7	FLUORENE	10.	ND	U
100-01-6	4-NITROANILINE	50.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	50.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	10.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	10.	ND	U
118-74-1	HEXACHLOROBENZENE	10.	ND	U
87-86-5	PENTACHLOROPHENOL	50.	ND	U
85-01-8	PHENANTHRENE	10.	ND	U
120-12-7	ANTHRACENE	10.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	10.	ND	U
206-44-0	FLUORANTHENE	10.	ND	U
129-00-0	PYRENE	10.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	10.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	20.	ND	U
56-55-3	BENZO(A)ANTHRACENE	10.	ND	U
218-01-9	CHRYSENE	10.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	10.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	10.	ND	U
205-99-2	BENZO(B)FLUORANTHENE	10.	ND	U
207-08-9	BENZO(K)FLUORANTHENE	10.	ND	U
50-32-8	BENZO(A)PYRENE	10.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	10.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	10.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	10.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	10.	ND	U
4165-61-1	ANILINE	10.	ND	U
103-33-3	AZOBENZENE	10.	ND	U
92-87-5	BENZIDINE	10.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-12
Matrix : WATER
Date Sampled : 7/ 8/92
Date Extracted : 7/14/92
Amount Extracted : 1000.0 mL
Date Analyzed : 7/17/92
Instrument ID : F3

Anametrix ID : 9207088-03
Analyst : met
Supervisor : [illegible]

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	10.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	10.	ND	U
95-57-8	2-CHLOROPHENOL	10.	ND	U
541-73-1	1,3-DICHLOROBENZENE	10.	ND	U
106-46-7	1,4-DICHLOROBENZENE	10.	ND	U
100-51-6	BENZYL ALCOHOL	10.	ND	U
95-50-1	1,2-DICHLOROBENZENE	10.	ND	U
95-48-7	2-METHYLPHENOL	10.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	10.	ND	U
106-44-5	4-METHYLPHENOL	10.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10.	ND	U
67-72-1	HEXACHLOROETHANE	10.	ND	U
98-95-3	NITROBENZENE	10.	ND	U
78-59-1	ISOPHORONE	10.	ND	U
88-75-5	2-NITROPHENOL	10.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	10.	ND	U
65-85-0	BENZOIC ACID	50.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	10.	ND	U
120-83-2	2,4-DICHLOROPHENOL	10.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	10.	ND	U
91-20-3	NAPHTHALENE	10.	ND	U
106-47-8	4-CHLOROANILINE	10.	ND	U
87-68-3	HEXACHLOROBUTADIENE	10.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	10.	ND	U
91-57-6	2-METHYLNAPHTHALENE	10.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	10.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	10.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	50.	ND	U
91-58-7	2-CHLORONAPHTHALENE	10.	ND	U
88-74-4	2-NITROANILINE	50.	ND	U
131-11-3	DIMETHYLPHTHALATE	10.	ND	U
208-96-8	ACENAPHTHYLENE	10.	ND	U
99-09-2	3-NITROANILINE	50.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-12
Matrix : WATER
Date Sampled : 7/ 8/92
Date Extracted : 7/14/92
Amount Extracted : 1000.0 mL
Date Analyzed : 7/17/92
Instrument ID : F3

Anametrix ID : 9207088-03
Analyst : MET
Supervisor : MH

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
83-32-9	ACENAPHTHENE	10.	ND	U
51-28-5	2,4-DINITROPHENOL	50.	ND	U
100-02-7	4-NITROPHENOL	50.	ND	U
132-64-9	DIBENZOFURAN	10.	ND	U
121-14-2	2,4-DINITROTOLUENE	10.	ND	U
606-20-2	2,6-DINITROTOLUENE	10.	ND	U
84-66-2	DIETHYLPHTHALATE	10.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	10.	ND	U
86-73-7	FLUORENE	10.	ND	U
100-01-6	4-NITROANILINE	50.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	50.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	10.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	10.	ND	U
118-74-1	HEXACHLOROBENZENE	10.	ND	U
87-86-5	PENTACHLOROPHENOL	50.	ND	U
85-01-8	PHENANTHRENE	10.	ND	U
120-12-7	ANTHRACENE	10.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	10.	ND	U
206-44-0	FLUORANTHENE	10.	ND	U
129-00-0	PYRENE	10.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	10.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	20.	ND	U
56-55-3	BENZO(A)ANTHRACENE	10.	ND	U
218-01-9	CHRYSENE	10.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	10.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	10.	ND	U
205-99-2	BENZO(B)FLUOROANTHENE	10.	ND	U
207-08-9	BENZO(K)FLUOROANTHENE	10.	ND	U
50-32-8	BENZO(A)PYRENE	10.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	10.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	10.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	10.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	10.	ND	U
4165-61-1	ANILINE	10.	ND	U
103-33-3	AZOBENZENE	10.	ND	U
92-87-5	BENZIDINE	10.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-B1
Matrix : WATER
Date Sampled : 7/ 8/92
Date Extracted : 7/14/92
Amount Extracted : 1000.0 mL
Date Analyzed : 7/17/92
Instrument ID : F3

Anametrix ID : 9207088-04
Analyst : Met
Supervisor : MH

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	10.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	10.	ND	U
95-57-8	2-CHLOROPHENOL	10.	ND	U
541-73-1	1,3-DICHLOROBENZENE	10.	ND	U
106-46-7	1,4-DICHLOROBENZENE	10.	ND	U
100-51-6	BENZYL ALCOHOL	10.	ND	U
95-50-1	1,2-DICHLOROBENZENE	10.	ND	U
95-48-7	2-METHYLPHENOL	10.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	10.	ND	U
106-44-5	4-METHYLPHENOL	10.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10.	ND	U
67-72-1	HEXACHLOROETHANE	10.	ND	U
98-95-3	NITROBENZENE	10.	ND	U
78-59-1	ISOPHORONE	10.	ND	U
88-75-5	2-NITROPHENOL	10.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	10.	ND	U
65-85-0	BENZOIC ACID	50.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	10.	ND	U
120-83-2	2,4-DICHLOROPHENOL	10.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	10.	ND	U
91-20-3	NAPHTHALENE	10.	ND	U
106-47-8	4-CHLOROANILINE	10.	ND	U
87-68-3	HEXACHLOROBUTADIENE	10.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	10.	ND	U
91-57-6	2-METHYLNAPHTHALENE	10.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	10.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	10.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	50.	ND	U
91-58-7	2-CHLORONAPHTHALENE	10.	ND	U
88-74-4	2-NITROANILINE	50.	ND	U
131-11-3	DIMETHYLPHTHALATE	10.	ND	U
208-96-8	ACENAPHTHYLENE	10.	ND	U
99-09-2	3-NITROANILINE	50.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-B1
Matrix : WATER
Date Sampled : 7/ 8/92
Date Extracted : 7/14/92
Amount Extracted : 1000.0 mL
Date Analyzed : 7/17/92
Instrument ID : F3

Anametrix ID : 9207088-04
Analyst : MT
Supervisor : UH

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
83-32-9	ACENAPHTHENE	10.	ND	U
51-28-5	2,4-DINITROPHENOL	50.	ND	U
100-02-7	4-NITROPHENOL	50.	ND	U
132-64-9	DIBENZOFURAN	10.	ND	U
121-14-2	2,4-DINITROTOLUENE	10.	ND	U
606-20-2	2,6-DINITROTOLUENE	10.	ND	U
84-66-2	DIETHYLPHTHALATE	10.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	10.	ND	U
86-73-7	FLUORENE	10.	ND	U
100-01-6	4-NITROANILINE	50.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	50.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	10.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	10.	ND	U
118-74-1	HEXACHLOROBENZENE	10.	ND	U
87-86-5	PENTACHLOROPHENOL	50.	ND	U
85-01-8	PHENANTHRENE	10.	ND	U
120-12-7	ANTHRACENE	10.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	10.	ND	U
206-44-0	FLUORANTHENE	10.	ND	U
129-00-0	PYRENE	10.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	10.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	20.	ND	U
56-55-3	BENZO(A)ANTHRACENE	10.	ND	U
218-01-9	CHRYSENE	10.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	10.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	10.	ND	U
205-99-2	BENZO(B)FLUORANTHENE	10.	ND	U
207-08-9	BENZO(K)FLUORANTHENE	10.	ND	U
50-32-8	BENZO(A)PYRENE	10.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	10.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	10.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	10.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	10.	ND	U
4165-61-1	ANILINE	10.	ND	U
103-33-3	AZOBENZENE	10.	ND	U
92-87-5	BENZIDINE	10.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID	: 1563.06	Anametrix ID	: 9207088-05
Sample ID	: LF-B2	Analyst	: MeS
Matrix	: WATER	Supervisor	: LH
Date Sampled	: 7/ 8/92		
Date Extracted	: 7/14/92		
Amount Extracted	: 1000.0 mL		
Date Analyzed	: 7/17/92	Dilution Factor	: 1.0
Instrument ID	: F3	Conc. Units	: ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	10.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	10.	ND	U
95-57-8	2-CHLOROPHENOL	10.	ND	U
541-73-1	1,3-DICHLOROBENZENE	10.	ND	U
106-46-7	1,4-DICHLOROBENZENE	10.	ND	U
100-51-6	BENZYL ALCOHOL	10.	ND	U
95-50-1	1,2-DICHLOROBENZENE	10.	ND	U
95-48-7	2-METHYLPHENOL	10.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	10.	ND	U
106-44-5	4-METHYLPHENOL	10.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10.	ND	U
67-72-1	HEXACHLOROETHANE	10.	ND	U
98-95-3	NITROBENZENE	10.	ND	U
78-59-1	ISOPHORONE	10.	ND	U
88-75-5	2-NITROPHENOL	10.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	10.	ND	U
65-85-0	BENZOIC ACID	50.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	10.	ND	U
120-83-2	2,4-DICHLOROPHENOL	10.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	10.	ND	U
91-20-3	NAPHTHALENE	10.	ND	U
106-47-8	4-CHLOROANILINE	10.	ND	U
87-68-3	HEXACHLOROBUTADIENE	10.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	10.	ND	U
91-57-6	2-METHYLNAPHTHALENE	10.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	10.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	10.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	50.	ND	U
91-58-7	2-CHLORONAPHTHALENE	10.	ND	U
88-74-4	2-NITROANILINE	50.	ND	U
131-11-3	DIMETHYLPHTHALATE	10.	ND	U
208-96-8	ACENAPHTHYLENE	10.	ND	U
99-09-2	3-NITROANILINE	50.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-B2
Matrix : WATER
Date Sampled : 7/ 8/92
Date Extracted : 7/14/92
Amount Extracted : 1000.0 mL
Date Analyzed : 7/17/92
Instrument ID : F3

Anametrix ID : 9207088-05
Analyst : MCT
Supervisor : MM

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
83-32-9	ACENAPHTHENE	10.	ND	U
51-28-5	2,4-DINITROPHENOL	50.	ND	U
100-02-7	4-NITROPHENOL	50.	ND	U
132-64-9	DIBENZOFURAN	10.	ND	U
121-14-2	2,4-DINITROTOLUENE	10.	ND	U
606-20-2	2,6-DINITROTOLUENE	10.	ND	U
84-66-2	DIETHYLPHTHALATE	10.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	10.	ND	U
86-73-7	FLUORENE	10.	ND	U
100-01-6	4-NITROANILINE	50.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	50.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	10.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	10.	ND	U
118-74-1	HEXACHLOROBENZENE	10.	ND	U
87-86-5	PENTACHLOROPHENOL	50.	ND	U
85-01-8	PHENANTHRENE	10.	ND	U
120-12-7	ANTHRACENE	10.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	10.	ND	U
206-44-0	FLUORANTHENE	10.	ND	U
129-00-0	PYRENE	10.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	10.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	20.	ND	U
56-55-3	BENZO(A)ANTHRACENE	10.	ND	U
218-01-9	CHRYSENE	10.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	10.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	10.	ND	U
205-99-2	BENZO(B)FLUORANTHENE	10.	ND	U
207-08-9	BENZO(K)FLUORANTHENE	10.	ND	U
50-32-8	BENZO(A)PYRENE	10.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	10.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	10.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	10.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	10.	ND	U
4165-61-1	ANILINE	10.	ND	U
103-33-3	AZOBENZENE	10.	ND	U
92-87-5	BENZIDINE	10.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-B3
Matrix : WATER
Date Sampled : 7/ 8/92
Date Extracted : 7/14/92
Amount Extracted : 1000.0 mL
Date Analyzed : 7/20/92
Instrument ID : F3

Anametrix ID : 9207088-08
Analyst : MCT
Supervisor : WH

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	10.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	10.	ND	U
95-57-8	2-CHLOROPHENOL	10.	ND	U
541-73-1	1,3-DICHLOROBENZENE	10.	ND	U
106-46-7	1,4-DICHLOROBENZENE	10.	ND	U
100-51-6	BENZYL ALCOHOL	10.	ND	U
95-50-1	1,2-DICHLOROBENZENE	10.	ND	U
95-48-7	2-METHYLPHENOL	10.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	10.	ND	U
106-44-5	4-METHYLPHENOL	10.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10.	ND	U
67-72-1	HEXACHLOROETHANE	10.	ND	U
98-95-3	NITROBENZENE	10.	ND	U
78-59-1	ISOPHORONE	10.	ND	U
88-75-5	2-NITROPHENOL	10.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	10.	ND	U
65-85-0	BENZOIC ACID	50.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	10.	ND	U
120-83-2	2,4-DICHLOROPHENOL	10.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	10.	ND	U
91-20-3	NAPHTHALENE	10.	ND	U
106-47-8	4-CHLOROANILINE	10.	ND	U
87-68-3	HEXACHLOROBUTADIENE	10.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	10.	ND	U
91-57-6	2-METHYLNAPHTHALENE	10.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	10.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	10.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	50.	ND	U
91-58-7	2-CHLORONAPHTHALENE	10.	ND	U
88-74-4	2-NITROANILINE	50.	ND	U
131-11-3	DIMETHYLPHTHALATE	10.	ND	U
208-96-8	ACENAPHTHYLENE	10.	ND	U
99-09-2	3-NITROANILINE	50.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID	: 1563.06	Anametrix ID	: 9207088-08
Sample ID	: LF-B3	Analyst	: MCT
Matrix	: WATER	Supervisor	: CH
Date Sampled	: 7/ 8/92		
Date Extracted	: 7/14/92		
Amount Extracted	: 1000.0 mL		
Date Analyzed	: 7/20/92	Dilution Factor	: 1.0
Instrument ID	: F3	Conc. Units	: ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
83-32-9	ACENAPHTHENE	10.	ND	U
51-28-5	2,4-DINITROPHENOL	50.	ND	U
100-02-7	4-NITROPHENOL	50.	ND	U
132-64-9	DIBENZOFURAN	10.	ND	U
121-14-2	2,4-DINITROTOLUENE	10.	ND	U
606-20-2	2,6-DINITROTOLUENE	10.	ND	U
84-66-2	DIETHYLPHTHALATE	10.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	10.	ND	U
86-73-7	FLUORENE	10.	ND	U
100-01-6	4-NITROANILINE	50.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	50.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	10.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	10.	ND	U
118-74-1	HEXACHLOROBENZENE	10.	ND	U
87-86-5	PENTACHLOROPHENOL	50.	ND	U
85-01-8	PHENANTHRENE	10.	ND	U
120-12-7	ANTHRACENE	10.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	10.	ND	U
206-44-0	FLUORANTHENE	10.	ND	U
129-00-0	PYRENE	10.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	10.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	20.	ND	U
56-55-3	BENZO(A)ANTHRACENE	10.	ND	U
218-01-9	CHRYSENE	10.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	10.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	10.	ND	U
205-99-2	BENZO(B)FLUOROANTHENE	10.	ND	U
207-08-9	BENZO(K)FLUOROANTHENE	10.	ND	U
50-32-8	BENZO(A)PYRENE	10.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	10.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	10.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	10.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	10.	ND	U
4165-61-1	ANILINE	10.	ND	U
103-33-3	AZOBENZENE	10.	ND	U
92-87-5	BENZIDINE	10.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-15
Matrix : WATER
Date Sampled : 7/ 8/92
Date Extracted : 7/14/92
Amount Extracted : 1000.0 mL
Date Analyzed : 7/20/92
Instrument ID : F3

Anametrix ID : 9207088-09
Analyst : MCT
Supervisor : UH

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	10.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	10.	ND	U
95-57-8	2-CHLOROPHENOL	10.	ND	U
541-73-1	1,3-DICHLOROBENZENE	10.	ND	U
106-46-7	1,4-DICHLOROBENZENE	10.	ND	U
100-51-6	BENZYL ALCOHOL	10.	ND	U
95-50-1	1,2-DICHLOROBENZENE	10.	ND	U
95-48-7	2-METHYLPHENOL	10.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	10.	ND	U
106-44-5	4-METHYLPHENOL	10.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10.	ND	U
67-72-1	HEXACHLOROETHANE	10.	ND	U
98-95-3	NITROBENZENE	10.	ND	U
78-59-1	ISOPHORONE	10.	ND	U
88-75-5	2-NITROPHENOL	10.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	10.	ND	U
65-85-0	BENZOIC ACID	50.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	10.	ND	U
120-83-2	2,4-DICHLOROPHENOL	10.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	10.	ND	U
91-20-3	NAPHTHALENE	10.	ND	U
106-47-8	4-CHLOROANILINE	10.	ND	U
87-68-3	HEXACHLOROBUTADIENE	10.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	10.	ND	U
91-57-6	2-METHYLNAPHTHALENE	10.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	10.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	10.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	50.	ND	U
91-58-7	2-CHLORONAPHTHALENE	10.	ND	U
88-74-4	2-NITROANILINE	50.	ND	U
131-11-3	DIMETHYLPHTHALATE	10.	ND	U
208-96-8	ACENAPHTHYLENE	10.	ND	U
99-09-2	3-NITROANILINE	50.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-15
Matrix : WATER
Date Sampled : 7/ 8/92
Date Extracted : 7/14/92
Amount Extracted : 1000.0 mL
Date Analyzed : 7/20/92
Instrument ID : F3

Anametrix ID : 9207088-09
Analyst : MCT
Supervisor : [illegible]

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
83-32-9	ACENAPHTHENE	10.	ND	U
51-28-5	2,4-DINITROPHENOL	50.	ND	U
100-02-7	4-NITROPHENOL	50.	ND	U
132-64-9	DIBENZOFURAN	10.	ND	U
121-14-2	2,4-DINITROTOLUENE	10.	ND	U
606-20-2	2,6-DINITROTOLUENE	10.	ND	U
84-66-2	DIETHYLPHTHALATE	10.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	10.	ND	U
86-73-7	FLUORENE	10.	ND	U
100-01-6	4-NITROANILINE	50.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	50.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	10.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	10.	ND	U
118-74-1	HEXACHLOROBENZENE	10.	ND	U
87-86-5	PENTACHLOROPHENOL	50.	ND	U
85-01-8	PHENANTHRENE	10.	ND	U
120-12-7	ANTHRACENE	10.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	10.	ND	U
206-44-0	FLUORANTHENE	10.	ND	U
129-00-0	PYRENE	10.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	10.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	20.	ND	U
56-55-3	BENZO(A)ANTHRACENE	10.	ND	U
218-01-9	CHRYSENE	10.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	10.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	10.	ND	U
205-99-2	BENZO(B)FLUORANTHENE	10.	ND	U
207-08-9	BENZO(K)FLUORANTHENE	10.	ND	U
50-32-8	BENZO(A)PYRENE	10.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	10.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	10.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	10.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	10.	ND	U
4165-61-1	ANILINE	10.	ND	U
103-33-3	AZOBENZENE	10.	ND	U
92-87-5	BENZIDINE	10.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID :
Sample ID : BLANK
Matrix : WATER
Date Sampled : 0/ 0/ 0
Date Extracted : 7/14/92
Amount Extracted : 1000.0 mL
Date Analyzed : 7/16/92
Instrument ID : F3

Anametrix ID : BL1601B1
Analyst : MCT
Supervisor : [illegible]

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	10.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	10.	ND	U
95-57-8	2-CHLOROPHENOL	10.	ND	U
541-73-1	1,3-DICHLOROBENZENE	10.	ND	U
106-46-7	1,4-DICHLOROBENZENE	10.	ND	U
100-51-6	BENZYL ALCOHOL	10.	ND	U
95-50-1	1,2-DICHLOROBENZENE	10.	ND	U
95-48-7	2-METHYLPHENOL	10.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	10.	ND	U
106-44-5	4-METHYLPHENOL	10.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10.	ND	U
67-72-1	HEXACHLOROETHANE	10.	ND	U
98-95-3	NITROBENZENE	10.	ND	U
78-59-1	ISOPHORONE	10.	ND	U
88-75-5	2-NITROPHENOL	10.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	10.	ND	U
65-85-0	BENZOIC ACID	50.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	10.	ND	U
120-83-2	2,4-DICHLOROPHENOL	10.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	10.	ND	U
91-20-3	NAPHTHALENE	10.	ND	U
106-47-8	4-CHLOROANILINE	10.	ND	U
87-68-3	HEXACHLOROBUTADIENE	10.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	10.	ND	U
91-57-6	2-METHYLNAPHTHALENE	10.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	10.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	10.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	50.	ND	U
91-58-7	2-CHLORONAPHTHALENE	10.	ND	U
88-74-4	2-NITROANILINE	50.	ND	U
131-11-3	DIMETHYLPHTHALATE	10.	ND	U
208-96-8	ACENAPHTHYLENE	10.	ND	U
99-09-2	3-NITROANILINE	50.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID :
Sample ID : BLANK
Matrix : WATER
Date Sampled : 0/ 0/ 0
Date Extracted : 7/14/92
Amount Extracted : 1000.0 mL
Date Analyzed : 7/16/92
Instrument ID : F3

Anametrix ID : BL1601B1
Analyst : MCT
Supervisor : MH

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
83-32-9	ACENAPHTHENE	10.	ND	U
51-28-5	2,4-DINITROPHENOL	50.	ND	U
100-02-7	4-NITROPHENOL	50.	ND	U
132-64-9	DIBENZOFURAN	10.	ND	U
121-14-2	2,4-DINITROTOLUENE	10.	ND	U
606-20-2	2,6-DINITROTOLUENE	10.	ND	U
84-66-2	DIETHYLPHTHALATE	10.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	10.	ND	U
86-73-7	FLUORENE	10.	ND	U
100-01-6	4-NITROANILINE	50.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	50.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	10.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	10.	ND	U
118-74-1	HEXACHLOROBENZENE	10.	ND	U
87-86-5	PENTACHLOROPHENOL	50.	ND	U
85-01-8	PHENANTHRENE	10.	ND	U
120-12-7	ANTHRACENE	10.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	10.	ND	U
206-44-0	FLUORANTHENE	10.	ND	U
129-00-0	PYRENE	10.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	10.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	20.	ND	U
56-55-3	BENZO(A)ANTHRACENE	10.	ND	U
218-01-9	CHRYSENE	10.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	10.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	10.	ND	U
205-99-2	BENZO(B)FLUORANTHENE	10.	ND	U
207-08-9	BENZO(K)FLUORANTHENE	10.	ND	U
50-32-8	BENZO(A)PYRENE	10.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	10.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	10.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	10.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	10.	ND	U
4165-61-1	ANILINE	10.	ND	U
103-33-3	AZOBENZENE	10.	ND	U
92-87-5	BENZIDINE	10.	ND	U

SURROGATE RECOVERY SUMMARY -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Matrix : LIQUID

Anametrix ID : 9207088
Analyst : MT
Supervisor : M

	SAMPLE ID	SU1	SU2	SU3	SU4	SU5	SU6
1	BLANK	38	26	52	51	48	62
2	B4	25	17	39	40 *	45	56
3	LF-13	23	13	46	52	47	58
4	LF-12	32	22	44	50	53	48
5	LF-B1	26	16	40	45	46	53
6	LF-B2	28	19	39	45	45	53
7	LF-B3	27	18	49	44	49	53
8	LF-15	28	18	47	47	60	55
9	BLANK	40	27	48	49	73	54
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

	QC LIMITS
SU1 = 2-FLUOROPHENOL	(21-100)
SU2 = PHENOL-D5	(10- 94)
SU3 = NITROBENZENE-D5	(35-114)
SU4 = 2-FLUOROBIPHENYL	(43-116)
SU5 = 2,4,6-TRIBROMOPHENOL	(10-123)
SU6 = TERPHENYL-D14	(33-141)

* Values outside of Anametrix QC limits

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MR. JOHN DeREAMER
LEVINE-FRICKE
1900 POWELL STREET 12TH FLOOR
EMERYVILLE, CA 94608

Workorder # : 9207088
Date Received : 07/09/92
Project ID : 1563.06
Purchase Order: N/A
Department : GC
Sub-Department: TPH

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9207088- 1	B4	WATER	07/08/92	TPHd
9207088- 2	LF-13	WATER	07/08/92	TPHd
9207088- 3	LF-12	WATER	07/08/92	TPHd
9207088- 4	LF-B1	WATER	07/08/92	TPHd
9207088- 5	LF-B2	WATER	07/08/92	TPHd
9207088- 8	LF-B3	WATER	07/08/92	TPHd
9207088- 9	LF-15	WATER	07/08/92	TPHd
9207088- 1	B4	WATER	07/08/92	TPHg
9207088- 2	LF-13	WATER	07/08/92	TPHg
9207088- 3	LF-12	WATER	07/08/92	TPHg
9207088- 4	LF-B1	WATER	07/08/92	TPHg
9207088- 5	LF-B2	WATER	07/08/92	TPHg
9207088- 8	LF-B3	WATER	07/08/92	TPHg
9207088- 9	LF-15	WATER	07/08/92	TPHg

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MR. JOHN DeREAMER
LEVINE-FRICKE
1900 POWELL STREET 12TH FLOOR
EMERYVILLE, CA 94608

Workorder # : 9207088
Date Received : 07/09/92
Project ID : 1563.06
Purchase Order: N/A
Department : GC
Sub-Department: TPH

QA/QC SUMMARY :

- The concentrations reported as gasoline for samples LF-B1 and LF-B3 are primarily due to the presence of discrete hydrocarbon peaks not indicative of gasoline.

Cheryl Balmer 7/20/92
Department Supervisor Date

Lucia Shor 7/20/92
Chemist Date

ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS
(GASOLINE WITH BTEX)
ANAMETRIX, INC. - (408) 432-8192

Anametrix W.O.: 9207088
Matrix : WATER
Date Sampled : 07/08/92

Project Number : 1563.06
Date Released : 07/20/92

COMPOUNDS	Reporting Limit (ug/L)	Sample I.D.# B4 -01	Sample I.D.# LF-13 -02	Sample I.D.# LF-12 -03	Sample I.D.# LF-B1 -04	Sample I.D.# LF-B2 -05
TPH as Gasoline	50	ND	ND	ND	180	ND
% Surrogate Recovery		100%	125%	116%	94%	115%
Instrument I.D.		HP4	HP4	HP4	HP4	HP4
Date Analyzed		07/14/92	07/14/92	07/14/92	07/14/92	07/14/92
RLMF		1	1	1	1	1

ND - Not detected at or above the practical quantitation limit for the method.
TPHg - Total Petroleum Hydrocarbons as gasoline is determined by GCFID using modified EPA Method 8015 following sample purge and trap by EPA Method 5030.
RLMF - Reporting Limit Multiplication Factor.

Anametrix control limits for surrogate p-Bromofluorobenzene recovery are 53-147%.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

Analyst 7/24/92 Date

Supervisor 7/20/92 Date

ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS
(GASOLINE WITH BTEX)
ANAMETRIX, INC. - (408) 432-8192

Anametrix W.O.: 9207088
Matrix : WATER
Date Sampled : 07/08/92

Project Number : 1563.06
Date Released : 07/20/92

COMPOUNDS	Reporting Limit (ug/L)	Sample I.D.# LF-B3 -08	Sample I.D.# LF-15 -09	Sample I.D.# BL1401E2 BLANK
TPH as Gasoline	50	140	ND	ND
% Surrogate Recovery		98%	130%	105%
Instrument I.D.		HP4	HP4	HP4
Date Analyzed		07/14/92	07/14/92	07/14/92
RLMF		1	1	1

ND - Not detected at or above the practical quantitation limit for the method.
TPHg - Total Petroleum Hydrocarbons as gasoline is determined by GCFID using modified EPA Method 8015 following sample purge and trap by EPA Method 5030.
RLMF - Reporting Limit Multiplication Factor.

Anametrix control limits for surrogate p-Bromofluorobenzene recovery are 53-147%.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

Analyst 7/24/92 Date

Supervisor 7/20/92 Date

ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS AS DIESEL
ANAMETRIX, INC. (408) 432-8192

Anametrix W.O.: 9207088
Matrix : WATER
Date Sampled : 07/08/92
Date Extracted: 07/13/92

Project Number : 1563.06
Date Released : 07/24/92
Instrument I.D.: HP23

Anametrix I.D.	Client I.D.	Date Analyzed	Reporting Limit (ug/L)	Amount Found (ug/L)
9207088-01	B4	07/14/92	50	ND
9207088-02	LF-13	07/14/92	50	ND
9207088-03	LF-12	07/14/92	50	ND
9207088-04	LF-B1	07/14/92	50	ND
9207088-05	LF-B2	07/14/92	50	ND
9207088-08	LF-B3	07/14/92	50	ND
9207088-09	LF-15	07/14/92	50	ND
DWBL071392	METHOD BLANK	07/14/92	50	ND

Note : Reporting limit is obtained by multiplying the dilution factor times 50 ug/L.
ND - Not detected at or above the practical quantitation limit for the method.
TPHd - Total Petroleum Hydrocarbons as diesel is determined by GCFID following sample extraction by EPA Method 3510.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

Reggie Davisson 7/24/92
Analyst Date

Cheryl Baemer 7/24/92
Supervisor Date

TOTAL VOLATILE HYDROCARBON MATRIX SPIKE REPORT
EPA METHOD 5030 WITH GC/FID
ANAMETRIX, INC. (408) 432-8192

Sample I.D. : 1563.06 LF-12
Matrix : WATER
Date Sampled : 07/08/92
Date Analyzed : 07/14/92

Anametrix I.D. : 9207088-03
Analyst : IS
Supervisor : CW
Date Released : 07/20/92
Instrument ID : HP4

COMPOUND	SPIKE AMT. (ug/L)	MS (ug/L)	%REC MS	MSD (ug/L)	%REC MSD	RPD	%REC LIMITS
GASOLINE	0.50	0.44	88%	0.44	88%	0%	48-145
P-BFB		106%		108%			53-147

* Limits established by Anametrix, Inc.

TOTAL VOLATILE HYDROCARBON MATRIX SPIKE REPORT
EPA METHOD 5030 WITH GC/FID
ANAMETRIX, INC. (408) 432-8192

Sample I.D. : 10-025 AW-8
Matrix : WATER
Date Sampled : 07/06/92
Date Analyzed : 07/09/92

Anametrix I.D. : 9207047-08
Analyst : RD
Supervisor : [signature]
Date Released : 07/20/92
Instrument ID : HP4

COMPOUND	SPIKE AMT. (ug/L)	MS (ug/L)	%REC MS	MSD (ug/L)	%REC MSD	RPD	%REC LIMITS
GASOLINE	0.50	0.48	96%	0.42	84%	-13%	48-145
P-BFB		100%		94%			53-147

* Limits established by Anametrix, Inc.

TOTAL EXTRACTABLE HYDROCARBON LABORATORY CONTROL SAMPLE
EPA METHOD 3510 WITH GC/FID
ANAMETRIX, INC. (408) 432-8192

Sample I.D. : METHOD SPIKE
Matrix : REAGENT WATER
Date Sampled : N/A
Date Extracted: 07/13/92
Date Analyzed : 07/14/92

Anametrix I.D. : LCS0713A
Analyst : RD
Supervisor : [illegible]
Date Released : 07/20/92
Instrument I.D.: HP 23

COMPOUND	SPIKE AMT. (ug/L)	LCS (ug/L)	%REC	LCS (ug/L)	%REC	RPD	%REC LIMITS
Diesel	1250	1400	112%	1200	98%	-15%	36-150

* Limits established by Anametrix, Inc.

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MR. JOHN DeREAMER
LEVINE-FRICKE
1900 POWELL STREET 12TH FLOOR
EMERYVILLE, CA 94608

Workorder # : 9207088
Date Received : 07/09/92
Project ID : 1563.06
Purchase Order: N/A
Department : METALS
Sub-Department: METALS

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9207088- 1	B4	WATER	07/08/92	6010
9207088- 2	LF-13	WATER	07/08/92	6010
9207088- 3	LF-12	WATER	07/08/92	6010
9207088- 4	LF-B1	WATER	07/08/92	6010
9207088- 5	LF-B2	WATER	07/08/92	6010
9207088- 6	LF-B3-TB	WATER	07/08/92	6010
9207088- 8	LF-B3	WATER	07/08/92	6010
9207088- 9	LF-15	WATER	07/08/92	6010
9207088- 1	B4	WATER	07/08/92	7060
9207088- 2	LF-13	WATER	07/08/92	7060
9207088- 3	LF-12	WATER	07/08/92	7060
9207088- 4	LF-B1	WATER	07/08/92	7060
9207088- 5	LF-B2	WATER	07/08/92	7060
9207088- 6	LF-B3-TB	WATER	07/08/92	7060
9207088- 8	LF-B3	WATER	07/08/92	7060
9207088- 9	LF-15	WATER	07/08/92	7060
9207088- 1	B4	WATER	07/08/92	7470
9207088- 2	LF-13	WATER	07/08/92	7470
9207088- 3	LF-12	WATER	07/08/92	7470
9207088- 4	LF-B1	WATER	07/08/92	7470
9207088- 5	LF-B2	WATER	07/08/92	7470
9207088- 6	LF-B3-TB	WATER	07/08/92	7470

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MR. JOHN DeREAMER
LEVINE-FRICKE
1900 POWELL STREET 12TH FLOOR
EMERYVILLE, CA 94608

Workorder # : 9207088
Date Received : 07/09/92
Project ID : 1563.06
Purchase Order: N/A
Department : METALS
Sub-Department: METALS

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9207088- 8	LF-B3	WATER	07/08/92	7470
9207088- 9	LF-15	WATER	07/08/92	7470
9207088- 1	B4	WATER	07/08/92	7740
9207088- 2	LF-13	WATER	07/08/92	7740
9207088- 3	LF-12	WATER	07/08/92	7740
9207088- 4	LF-B1	WATER	07/08/92	7740
9207088- 5	LF-B2	WATER	07/08/92	7740
9207088- 6	LF-B3-TB	WATER	07/08/92	7740
9207088- 8	LF-B3	WATER	07/08/92	7740
9207088- 9	LF-15	WATER	07/08/92	7740

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MR. JOHN DeREAMER
LEVINE-FRICKE
1900 POWELL STREET 12TH FLOOR
EMERYVILLE, CA 94608

Workorder # : 9207088
Date Received : 07/09/92
Project ID : 1563.06
Purchase Order: N/A
Department : METALS
Sub-Department: METALS

QA/QC SUMMARY :

- Matrix and post digestion spike recoveries for sample B4 for selenium by EPA Method 7740 were outside of Anametrix control limits due to matrix effects.

Department Supervisor 7/23/92 Date

Chemist 7/23/92 Date

ANALYSIS DATA SHEET - INDIVIDUAL METALS
ANAMETRIX, INC. - (408) 432-8192

Anametrix W.O.: 9207088
Matrix : WATER
Date Sampled : 07/08/92
Project Number: 1563.06

Date Prepared : 07/14/92
Date Analyzed : 07/15/92
Date Released : 07/23/92
Instrument I.D.: HGA1/AA2/ICP1

	EPA Method#	Reporting Limit	Sample I.D.# B4	Sample I.D.# LF-13	Sample I.D.# LF-12	Sample I.D.# LF-B1	Sample I.D.# LF-B2
ELEMENTS		(ug/L)	-01	-02	-03	-04	-05
Arsenic (As)	7060	10.0	ND	ND	ND	ND	ND
Barium (Ba)	6010	100	140	ND	ND	122	245
Cadmium (Cd)	6010	5.0	ND	ND	ND	ND	ND
Total Cr	6010	10.0	ND	ND	ND	ND	ND
Mercury (Hg)	7470	0.27	ND	ND	ND	ND	ND
Lead (Pb)	6010	40.0	ND	ND	ND	ND	ND
Selenium (Se)	7740	5.0	ND	ND	ND	ND	ND
Silicon (Si)	6010	30.0	15500	14900	14500	16600	15800

ND : Not detected at or above the practical quantitation limit for the method.

All Metals by EPA Method 6010/7000, Test Method for Evaluating Solid Waste, SW-846 3rd Edition November 1986, and California Code of Regulations Title 22, or Method for Chemical Analysis of Water and Wastes, EPA, 3rd edition, 1983.

Mai Nguyen 7/23/92
Supervisor Date

Mona Kamel 7/23/92
Chemist Date

ANALYSIS DATA SHEET - INDIVIDUAL METALS
ANAMETRIX, INC. - (408) 432-8192

Anametrix W.O.: 9207088
Matrix : WATER
Date Sampled : 07/08/92
Project Number: 1563.06

Date Prepared : 07/14/92
Date Analyzed : 07/15/92
Date Released : 07/23/92
Instrument I.D.: HGA1/AA2/ICP1

	EPA Method#	Reporting Limit	Sample I.D.# LF-B3 -TB	Sample I.D.# LF-B3	Sample I.D.# LF-15	Sample I.D.# BLANK	
ELEMENTS		(ug/L)	-06	-08	-09	MB0714W	
Arsenic (As)	7060	10.0	ND	ND	ND	ND	
Barium (Ba)	6010	100	ND	133	105	ND	
Cadmium (Cd)	6010	5.0	ND	ND	ND	ND	
Total Cr	6010	10.0	ND	ND	ND	ND	
Mercury (Hg)	7470	0.27	ND	ND	ND	ND	
Lead (Pb)	6010	40.0	ND	ND	ND	ND	
Selenium (Se)	7740	5.0	ND	ND	ND	ND	
Silicon (Si)	6010	30.0	51.8	15500	13500	ND	

ND : Not detected at or above the practical quantitation limit for the method.

All Metals by EPA Method 6010/7000, Test Method for Evaluating Solid Waste, SW-846 3rd Edition November 1986, and California Code of Regulations Title 22, or Method for Chemical Analysis of Water and Wastes, EPA, 3rd edition, 1983.

Supervisor 7/23/92 Date

Chemist 7/23/92 Date

ANAMETRIX, INC.
1961 CONCOURSE DRIVE, SUITE E
SAN JOSE, CA 95131, (408) 432-8192

INDIVIDUAL METALS MATRIX SPIKE REPORT

Spike I.D. : 9207088-01MS,MD
Date Prepared: 07/14/92
Date Analyzed: 07/15/92
Assoc. WO # : 9207088

Inst. ID: HGA1/AA2/ICP1
Date : 07/23/92
Matrix : WATER
Units : ug/L

ELEMENTS	METHOD	SPIKE AMOUNT	SAMPLE CONC.*	M.S. CONC.	% REC.	M.S.D. CONC.	% REC.	R P D
As	7060	40.0	0.0	43.6	109	43.0	108	1.4
Ba	6010	2000	140	2020	94.0	2170	102	7.7
Cd	6010	50.0	0.0	49.7	99.4	45.3	90.6	9.3
TTl Cr	6010	200	0.0	188	94.0	196	98.0	4.2
Hg	7470	1.36	0.0	1.61	118	1.59	117	1.2
Pb	6010	500	0.0	598	120	522	104	13.6
Se	7740	10.0	0.0	5.0	50.0	5.7	57.0	13.1
Si	6010	5000	15500	20300	96.0	21100	112	15.4

COMMENT: Quality control limits for percent recovery are 75-125% and 25% for RPD.

* : Sample concentration of 0.0 indicates that the analyte in the sample was below detection limit for the method. 0.0 is entered for calculations of the percent recovery and RPD only.

NR : Not reported due to interferences from relatively high background levels in the unspiked sample.

Manny Nguyen 7/23/92
Supervisor Date

Mona Kamel 7/23/92
Chemist Date

ANAMETRIX, INC.
1961 CONCOURSE DRIVE, SUITE E
SAN JOSE, CA 95131, (408) 432-8192

POST DIGESTION SPIKE REPORT

Spike I.D. : 9207088-01PDS
Date Prepared: 07/15/92
Date Analyzed: 07/15/92
Assoc. WO # : 9207088

Inst. ID: AA2
Date : 07/23/92
Matrix : WATER
Units : ug/L

ELEMENTS	METHOD	SPIKE AMOUNT	SAMPLE CONC.	P.D.S. CONC.	% REC.
Se	7740	10.0	0.0	5.8	58.0

COMMENT: Quality control limits for percent recovery are 85-115%.

Manny Loquan 7/23/92
Supervisor Date

Mona Kamel 7/23/92
Chemist Date

ANAMETRIX, INC.
1961 CONCOURSE DRIVE, SUITE E
SAN JOSE, CA 95131, (408) 432-8192

INDIVIDUAL METALS METHOD SPIKE REPORT

Spike I.D. : LCS0714W
Date Prepared: 07/14/92
Date Analyzed: 07/15/92
Assoc. WO # : 9207088

Inst. ID: HGA1/AA2/ICP1
Date : 07/23/92
Matrix : WATER
Units : ug/L

ELEMENTS	METHOD	SPIKE AMOUNT	METHOD SPIKE	% REC.
As	7060	40.0	43.3	108
Ba	6010	2000	2150	108
Cd	6010	50.0	44.2	88.4
TTl Cr	6010	200	185	92.5
Hg	7470	1.36	1.5	110
Pb	6010	500	502	100
Se	7740	10.0	9.3	93.0
Si	6010	5000	5250	105

COMMENT: Quality control limits for percent recovery are 80-120%.

Supervisor Date

Chemist Date

10/4 (13) (18)

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

920 1080
15:50

Project No.: 1563.06	Field Logbook No.:	Date: 7.8.92	Serial No.: 9158
Project Name: Sherwin-Wms.	Project Location: Emeryville		
Sampler (Signature): Prescott C. Heald			

ANALYSES — Samplers: SCH JCK

SAMPLES						EPA 601	EPA 624	EPA 8240	EPA 8270	TPH Gas	TPH Diesel	Metals	HOLD	RUSH	REMARKS
SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CONTAINERS	SAMPLE TYPE										
SCH B4	7.8.92	1050	4	11	H_2O			3	2	3	2	1			Metals: Analyze for
(2) LF·13		0910	2	11				3	2	3	2	1			As, Ba, Cd, total Cr, Pb, Hg,
(3) LF·12		1000	3	11				3	2	3	2	1			Se, Si
(4) LF·B1		1155	5	11				3	2	3	2	1			Filter metals samples at
(5) LF·B2		1350	6	11				3	2	3	2	1			lab.
(6) LF·B3·TB		0800	1	3				2				1			Results to John DeRamer
(7) LF·B3·BR		1400	7	3				3							Normal turnaround
(8) LF·B3		1450	8	11				3	2	3	2	1			
(9) LF·15	↓	1515	9	11	↓			3	2	3	2	1			TPH gas as 5030/8015
															TPH diesel as 3510/8015
															Arametrix Ref. #548

RELINQUISHED BY: (Signature) Prescott C. Heald	DATE 7/9/92	TIME 1035	RECEIVED BY: (Signature) Benny L. Canyon	DATE 7/9/92	TIME 1035
RELINQUISHED BY: (Signature) Benny L. Canyon	DATE 7/9/92	TIME 1313	RECEIVED BY: (Signature) Michele D. Aguilar	DATE 7/9/92	TIME 1313
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	DATE	TIME
METHOD OF SHIPMENT: courier	DATE	TIME	LAB COMMENTS:		

Sample Collector:
LEVINE-FRICKE
1900 Powell Street, 12th Floor
Emeryville, Ca 94608
(415) 652-4500

Analytical Laboratory:
Arametrix, San Jose

Shipping Copy (White) Lab Copy (Green) File Copy (Yellow) Field Copy (Pink) FORM NO. 86/COC/ARF

ANAMETRIX INC
Environmental & Analytical Chemistry
1961 Concourse Drive, Suite E, San Jose, CA 95131
(408) 432-8192 • Fax (408) 432-8198

REPORT

MR. JOHN DeREAMER
LEVINE-FRICKE
1900 POWELL STREET 12TH FLOOR
EMERYVILLE, CA 94608

Workorder # : 9207119
Date Received : 07/10/92
Project ID : 1563.06
Purchase Order: N/A

The following samples were received at Anametrix, Inc. for analysis :

ANAMETRIX ID	CLIENT SAMPLE ID
9207119- 1	LF-16
9207119- 2	LF-7-TB
9207119- 3	LF-7
9207119- 4	LF-7-DUP
9207119- 5	LF-8
9207119- 6	LF-11
9207119- 7	LF-14
9207119- 8	LF-9-BR
9207119- 9	LF-9
9207119-10	LF-4
9207119-11	LF-5
9207119-12	LF-10
9207119-13	LF-3
9207119-14	LF-3-DUP
9207119-15	LF-3-TB
9207119-16	LF-1

This report consists of 84 pages not including the cover letter, and is organized in sections according to the specific Anametrix laboratory group or section which performed the analysis(es) and generated the data. The Report Summary that precedes each section will help you determine which Anametrix group is responsible for those test results, and will bear the signatures of the department supervisor and the chemist who have reviewed the analytical data. Please refer all questions to the department supervisor who signed the form.

Anametrix is certified by the California Department of Health Services (DHS) to perform environmental testing under Certificate Number 1234. A detailed list of the approved fields of testing can be obtained by calling our office, or the DHS Environmental Laboratory Accreditation Program at (415)540-2800.

If you have any further questions or comments on this report, please give us a call as soon as possible. Thank you for using Anametrix.

Sarah Schoen, Ph.D.
Laboratory Director

7-28-92
Date

ANAMETRIX REPORT DESCRIPTION
GCMS

Organic Analysis Data Sheets (OADS)

OADS forms contain tabulated results for target compounds. The OADS are grouped by method and, within each method, organized sequentially in order of increasing Anametrix ID number.

Tentatively Identified Compounds (TICs)

TIC forms contain tabulated results for non-target compounds detected in GC/MS analyses. TICs must be requested at the time samples are submitted at Anametrix. TIC forms immediately follow the OADS form for each sample. If TICs are requested but not found, then TIC forms will not be included with the report.

Surrogate Recovery Summary (SRS)

SRS forms contain quality assurance data. An SRS form will be printed for each method, if the method requires surrogate compounds. They will list surrogate percent recoveries for all samples and any method blanks. Any surrogate recovery outside the established limits will be flagged with an "*", and the total number of surrogates outside the limits will be listed in the column labelled "Total Out".

Matrix Spike Recovery Form (MSR)

MSR forms contain quality assurance data. They summarize percent recovery and relative percent difference information for matrix spikes and matrix spike duplicates. This information is a statement of both accuracy and precision. Any percent recovery or relative percent difference outside established limits will be flagged with an "*", and the total number outside the limits will be listed at the bottom of the page. Not all reports will contain an MSR form.

Qualifiers

Anametrix uses several data qualifiers (Q) in it's report forms. These qualifiers give additional information on the compounds reported. They should help a data reviewer to verify the integrity of the analytical results. The following is a list of qualifiers and their meanings:

- U - Indicates that the compound was analyzed for, but was not detected at or above the specified reporting limit.
- B - Indicates that the compound was detected in the associated method blank.
- J - Indicates that the compound was detected at an amount below the specified reporting limit. Consequently, the amount should be considered an approximate value. Tentatively identified compounds will always have a "J" qualifier because they are not included in the instrument calibration.
- E - Indicates that the amount reported exceeded the linear range of the instrument calibration.
- D - Indicates that the compound was detected in an analysis performed at a secondary dilution.
- A - Indicates that the tentatively identified compound is a suspected aldol condensation product. This is common in EPA Method 8270 soil analyses.

Absence of a qualifier indicates that the compound was detected at a concentration at or above the specified reporting limit.

REPORTING CONVENTIONS

- Due to a size limitation in our data processing step, only the first eight (8) characters of your project ID and sample ID will be printed on the report forms. However, the report cover letter and report summary pages display up to twenty (20) characters of your project and sample IDs.
- Amounts reported are gross values, i.e., not corrected for method blank contamination.

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MR. JOHN DeREAMER
LEVINE-FRICKE
1900 POWELL STREET 12TH FLOOR
EMERYVILLE, CA 94608

Workorder # : 9207119
Date Received : 07/10/92
Project ID : 1563.06
Purchase Order: N/A
Department : GCMS
Sub-Department: GCMS

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9207119- 1	LF-16	WATER	07/09/92	8240
9207119- 2	LF-7-TB	WATER	07/09/92	8240
9207119- 3	LF-7	WATER	07/09/92	8240
9207119- 4	LF-7-DUP	WATER	07/09/92	8240
9207119- 5	LF-8	WATER	07/09/92	8240
9207119- 6	LF-11	WATER	07/09/92	8240
9207119- 7	LF-14	WATER	07/09/92	8240
9207119- 8	LF-9-BR	WATER	07/09/92	8240
9207119- 9	LF-9	WATER	07/09/92	8240
9207119-10	LF-4	WATER	07/09/92	8240
9207119-11	LF-5	WATER	07/09/92	8240
9207119-12	LF-10	WATER	07/09/92	8240
9207119-13	LF-3	WATER	07/09/92	8240
9207119-14	LF-3-DUP	WATER	07/09/92	8240
9207119-16	LF-1	WATER	07/09/92	8240
9207119- 1	LF-16	WATER	07/09/92	8270
9207119- 3	LF-7	WATER	07/09/92	8270
9207119- 4	LF-7-DUP	WATER	07/09/92	8270
9207119- 5	LF-8	WATER	07/09/92	8270
9207119- 6	LF-11	WATER	07/09/92	8270
9207119- 7	LF-14	WATER	07/09/92	8270
9207119- 9	LF-9	WATER	07/09/92	8270

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MR. JOHN DeREAMER
LEVINE-FRICKE
1900 POWELL STREET 12TH FLOOR
EMERYVILLE, CA 94608

Workorder # : 9207119
Date Received : 07/10/92
Project ID : 1563.06
Purchase Order: N/A
Department : GCMS
Sub-Department: GCMS

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9207119-10	LF-4	WATER	07/09/92	8270
9207119-11	LF-5	WATER	07/09/92	8270
9207119-12	LF-10	WATER	07/09/92	8270
9207119-13	LF-3	WATER	07/09/92	8270
9207119-14	LF-3-DUP	WATER	07/09/92	8270
9207119-16	LF-1	WATER	07/09/92	8270

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MR. JOHN DeREAMER
LEVINE-FRICKE
1900 POWELL STREET 12TH FLOOR
EMERYVILLE, CA 94608

Workorder # : 9207119
Date Received : 07/10/92
Project ID : 1563.06
Purchase Order: N/A
Department : GCMS
Sub-Department: GCMS

QA/QC SUMMARY :

- Surrogate recoveries are outside established limits in the EPA Method 8270 analysis of samples LF-7-DUP, LF-4 AND LF-5.
- Surrogate recoveries were very poor in the EPA Method 8270 analysis of sample LF-1. Subsequent re-extraction of sample LF-1 occurred outside of established hold-time, but yielded satisfactory results. Both analysis are reported.

Laura Mason 7-24-92
Department Supervisor Date

Denise Powell 7-24-92
Chemist Date

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-16
Matrix : WATER
Date Sampled : 7/ 9/92
Date Analyzed : 7/21/92
Instrument ID : MSD1

Anametrix ID : 9207119-01
Analyst : DP
Supervisor : [illegible]
Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10.	ND	U
75-01-4	Vinyl chloride	10.	ND	U
74-83-9	Bromomethane	10.	ND	U
75-00-3	Chloroethane	10.	ND	U
75-69-4	Trichlorofluoromethane	5.	ND	U
75-35-4	1,1-Dichloroethene	5.	ND	U
76-13-1	Trichlorotrifluoroethane	5.	ND	U
67-64-1	Acetone	20.	ND	U
75-15-0	Carbon disulfide	5.	ND	U
75-09-2	Methylene chloride	5.	ND	U
156-60-5	Trans-1,2-dichloroethene	5.	ND	U
75-34-3	1,1-Dichloroethane	5.	ND	U
156-59-2	Cis-1,2-dichloroethene	5.	ND	U
78-93-3	2-Butanone	20.	ND	U
67-66-3	Chloroform	5.	ND	U
71-55-6	1,1,1-Trichloroethane	5.	ND	U
56-23-5	Carbon tetrachloride	5.	ND	U
108-05-4	Vinyl acetate	10.	ND	U
71-43-2	Benzene	5.	ND	U
107-06-2	1,2-Dichloroethane	5.	ND	U
79-01-6	Trichloroethene	5.	ND	U
78-87-5	1,2-Dichloropropane	5.	ND	U
75-27-4	Bromodichloromethane	5.	ND	U
10061-01-5	Cis-1,3-dichloropropene	5.	ND	U
108-10-1	4-Methyl-2-pentanone	10.	ND	U
108-88-3	Toluene	5.	ND	U
10061-02-6	Trans-1,3-dichloropropene	5.	ND	U
79-00-5	1,1,2-Trichloroethane	5.	ND	U
127-18-4	Tetrachloroethene	5.	ND	U
591-78-6	2-Hexanone	10.	ND	U
124-48-1	Dibromochloromethane	5.	ND	U
108-90-7	Chlorobenzene	5.	ND	U
100-41-4	Ethylbenzene	5.	ND	U
1330-20-7	Xylene (Total)	5.	ND	U
100-42-5	Styrene	5.	ND	U
75-25-2	Bromoform	5.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	ND	U
541-73-1	1,3-Dichlorobenzene	5.	ND	U
106-46-7	1,4-Dichlorobenzene	5.	ND	U
95-50-1	1,2-Dichlorobenzene	5.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-7-TB
Matrix : WATER
Date Sampled : 7/ 9/92
Date Analyzed : 7/15/92
Instrument ID : MSD1

Anametrix ID : 9207119-02
Analyst : DP
Supervisor : VH
Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10.	ND	U
75-01-4	Vinyl chloride	10.	ND	U
74-83-9	Bromomethane	10.	ND	U
75-00-3	Chloroethane	10.	ND	U
75-69-4	Trichlorofluoromethane	5.	ND	U
75-35-4	1,1-Dichloroethene	5.	ND	U
76-13-1	Trichlorotrifluoroethane	5.	ND	U
67-64-1	Acetone	20.	ND	U
75-15-0	Carbon disulfide	5.	ND	U
75-09-2	Methylene chloride	5.	ND	U
156-60-5	Trans-1,2-dichloroethene	5.	ND	U
75-34-3	1,1-Dichloroethane	5.	ND	U
156-59-2	Cis-1,2-dichloroethene	5.	ND	U
78-93-3	2-Butanone	20.	ND	U
67-66-3	Chloroform	5.	ND	U
71-55-6	1,1,1-Trichloroethane	5.	ND	U
56-23-5	Carbon tetrachloride	5.	ND	U
108-05-4	Vinyl acetate	10.	ND	U
71-43-2	Benzene	5.	ND	U
107-06-2	1,2-Dichloroethane	5.	ND	U
79-01-6	Trichloroethene	5.	ND	U
78-87-5	1,2-Dichloropropane	5.	ND	U
75-27-4	Bromodichloromethane	5.	ND	U
10061-01-5	Cis-1,3-dichloropropene	5.	ND	U
108-10-1	4-Methyl-2-pentanone	10.	ND	U
108-88-3	Toluene	5.	ND	U
10061-02-6	Trans-1,3-dichloropropene	5.	ND	U
79-00-5	1,1,2-Trichloroethane	5.	ND	U
127-18-4	Tetrachloroethene	5.	ND	U
591-78-6	2-Hexanone	10.	ND	U
124-48-1	Dibromochloromethane	5.	ND	U
108-90-7	Chlorobenzene	5.	ND	U
100-41-4	Ethylbenzene	5.	ND	U
1330-20-7	Xylene (Total)	5.	ND	U
100-42-5	Styrene	5.	ND	U
75-25-2	Bromoform	5.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	ND	U
541-73-1	1,3-Dichlorobenzene	5.	ND	U
106-46-7	1,4-Dichlorobenzene	5.	ND	U
95-50-1	1,2-Dichlorobenzene	5.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID	: 1563.06	Anametrix ID	: 9207119-03
Sample ID	: LF-7	Analyst	: DP
Matrix	: WATER	Supervisor	: LH
Date Sampled	: 7/ 9/92		
Date Analyzed	: 7/15/92	Dilution Factor	: 1.0
Instrument ID	: MSD1	Conc. Units	: ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10.	ND	U
75-01-4	Vinyl chloride	10.	ND	U
74-83-9	Bromomethane	10.	ND	U
75-00-3	Chloroethane	10.	ND	U
75-69-4	Trichlorofluoromethane	5.	ND	U
75-35-4	1,1-Dichloroethene	5.	ND	U
76-13-1	Trichlorotrifluoroethane	5.	ND	U
67-64-1	Acetone	20.	ND	U
75-15-0	Carbon disulfide	5.	ND	U
75-09-2	Methylene chloride	5.	ND	U
156-60-5	Trans-1,2-dichloroethene	5.	ND	U
75-34-3	1,1-Dichloroethane	5.	ND	U
156-59-2	Cis-1,2-dichloroethene	5.	ND	U
78-93-3	2-Butanone	20.	ND	U
67-66-3	Chloroform	5.	ND	U
71-55-6	1,1,1-Trichloroethane	5.	ND	U
56-23-5	Carbon tetrachloride	5.	ND	U
108-05-4	Vinyl acetate	10.	ND	U
71-43-2	Benzene	5.	ND	U
107-06-2	1,2-Dichloroethane	5.	ND	U
79-01-6	Trichloroethene	5.	ND	U
78-87-5	1,2-Dichloropropane	5.	ND	U
75-27-4	Bromodichloromethane	5.	ND	U
10061-01-5	Cis-1,3-dichloropropene	5.	ND	U
108-10-1	4-Methyl-2-pentanone	10.	ND	U
108-88-3	Toluene	5.	ND	U
10061-02-6	Trans-1,3-dichloropropene	5.	ND	U
79-00-5	1,1,2-Trichloroethane	5.	ND	U
127-18-4	Tetrachloroethene	5.	ND	U
591-78-6	2-Hexanone	10.	ND	U
124-48-1	Dibromochloromethane	5.	ND	U
108-90-7	Chlorobenzene	5.	ND	U
100-41-4	Ethylbenzene	5.	ND	U
1330-20-7	Xylene (Total)	5.	ND	U
100-42-5	Styrene	5.	ND	U
75-25-2	Bromoform	5.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	ND	U
541-73-1	1,3-Dichlorobenzene	5.	ND	U
106-46-7	1,4-Dichlorobenzene	5.	ND	U
95-50-1	1,2-Dichlorobenzene	5.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-7-DUP
Matrix : WATER
Date Sampled : 7/ 9/92
Date Analyzed : 7/15/92
Instrument ID : MSD1

Anametrix ID : 9207119-04
Analyst : DP
Supervisor : JH

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10.	ND	U
75-01-4	Vinyl chloride	10.	ND	U
74-83-9	Bromomethane	10.	ND	U
75-00-3	Chloroethane	10.	ND	U
75-69-4	Trichlorofluoromethane	5.	ND	U
75-35-4	1,1-Dichloroethene	5.	ND	U
76-13-1	Trichlorotrifluoroethane	5.	ND	U
67-64-1	Acetone	20.	ND	U
75-15-0	Carbon disulfide	5.	ND	U
75-09-2	Methylene chloride	5.	ND	U
156-60-5	Trans-1,2-dichloroethene	5.	ND	U
75-34-3	1,1-Dichloroethane	5.	ND	U
156-59-2	Cis-1,2-dichloroethene	5.	ND	U
78-93-3	2-Butanone	20.	ND	U
67-66-3	Chloroform	5.	ND	U
71-55-6	1,1,1-Trichloroethane	5.	ND	U
56-23-5	Carbon tetrachloride	5.	ND	U
108-05-4	Vinyl acetate	10.	ND	U
71-43-2	Benzene	5.	ND	U
107-06-2	1,2-Dichloroethane	5.	ND	U
79-01-6	Trichloroethene	5.	ND	U
78-87-5	1,2-Dichloropropane	5.	ND	U
75-27-4	Bromodichloromethane	5.	ND	U
10061-01-5	Cis-1,3-dichloropropene	5.	ND	U
108-10-1	4-Methyl-2-pentanone	10.	ND	U
108-88-3	Toluene	5.	ND	U
10061-02-6	Trans-1,3-dichloropropene	5.	ND	U
79-00-5	1,1,2-Trichloroethane	5.	ND	U
127-18-4	Tetrachloroethene	5.	ND	U
591-78-6	2-Hexanone	10.	ND	U
124-48-1	Dibromochloromethane	5.	ND	U
108-90-7	Chlorobenzene	5.	ND	U
100-41-4	Ethylbenzene	5.	ND	U
1330-20-7	Xylene (Total)	5.	ND	U
100-42-5	Styrene	5.	ND	U
75-25-2	Bromoform	5.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	ND	U
541-73-1	1,3-Dichlorobenzene	5.	ND	U
106-46-7	1,4-Dichlorobenzene	5.	ND	U
95-50-1	1,2-Dichlorobenzene	5.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-8
Matrix : WATER
Date Sampled : 7/ 9/92
Date Analyzed : 7/15/92
Instrument ID : MSD1

Anametrix ID : 9207119-05
Analyst : DP
Supervisor : MH
Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10.	ND	U
75-01-4	Vinyl chloride	10.	ND	U
74-83-9	Bromomethane	10.	ND	U
75-00-3	Chloroethane	10.	ND	U
75-69-4	Trichlorofluoromethane	5.	ND	U
75-35-4	1,1-Dichloroethene	5.	ND	U
76-13-1	Trichlorotrifluoroethane	5.	ND	U
67-64-1	Acetone	20.	ND	U
75-15-0	Carbon disulfide	5.	ND	U
75-09-2	Methylene chloride	5.	ND	U
156-60-5	Trans-1,2-dichloroethene	5.	ND	U
75-34-3	1,1-Dichloroethane	5.	ND	U
156-59-2	Cis-1,2-dichloroethene	5.	ND	U
78-93-3	2-Butanone	20.	ND	U
67-66-3	Chloroform	5.	ND	U
71-55-6	1,1,1-Trichloroethane	5.	ND	U
56-23-5	Carbon tetrachloride	5.	ND	U
108-05-4	Vinyl acetate	10.	ND	U
71-43-2	Benzene	5.	ND	U
107-06-2	1,2-Dichloroethane	5.	ND	U
79-01-6	Trichloroethene	5.	ND	U
78-87-5	1,2-Dichloropropane	5.	ND	U
75-27-4	Bromodichloromethane	5.	ND	U
10061-01-5	Cis-1,3-dichloropropene	5.	ND	U
108-10-1	4-Methyl-2-pentanone	10.	ND	U
108-88-3	Toluene	5.	ND	U
10061-02-6	Trans-1,3-dichloropropene	5.	ND	U
79-00-5	1,1,2-Trichloroethane	5.	ND	U
127-18-4	Tetrachloroethene	5.	ND	U
591-78-6	2-Hexanone	10.	ND	U
124-48-1	Dibromochloromethane	5.	ND	U
108-90-7	Chlorobenzene	5.	ND	U
100-41-4	Ethylbenzene	5.	ND	U
1330-20-7	Xylene (Total)	5.	ND	U
100-42-5	Styrene	5.	ND	U
75-25-2	Bromoform	5.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	ND	U
541-73-1	1,3-Dichlorobenzene	5.	ND	U
106-46-7	1,4-Dichlorobenzene	5.	ND	U
95-50-1	1,2-Dichlorobenzene	5.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-11
Matrix : WATER
Date Sampled : 7/ 9/92
Date Analyzed : 7/15/92
Instrument ID : MSD1

Anametrix ID : 9207119-06
Analyst : DP
Supervisor : [illegible]
Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10.	ND	U
75-01-4	Vinyl chloride	10.	ND	U
74-83-9	Bromomethane	10.	ND	U
75-00-3	Chloroethane	10.	ND	U
75-69-4	Trichlorofluoromethane	5.	ND	U
75-35-4	1,1-Dichloroethene	5.	ND	U
76-13-1	Trichlorotrifluoroethane	5.	ND	U
67-64-1	Acetone	20.	ND	U
75-15-0	Carbon disulfide	5.	ND	U
75-09-2	Methylene chloride	5.	ND	U
156-60-5	Trans-1,2-dichloroethene	5.	ND	U
75-34-3	1,1-Dichloroethane	5.	ND	U
156-59-2	Cis-1,2-dichloroethene	5.	ND	U
78-93-3	2-Butanone	20.	ND	U
67-66-3	Chloroform	5.	ND	U
71-55-6	1,1,1-Trichloroethane	5.	ND	U
56-23-5	Carbon tetrachloride	5.	ND	U
108-05-4	Vinyl acetate	10.	ND	U
71-43-2	Benzene	5.	ND	U
107-06-2	1,2-Dichloroethane	5.	ND	U
79-01-6	Trichloroethene	5.	ND	U
78-87-5	1,2-Dichloropropane	5.	ND	U
75-27-4	Bromodichloromethane	5.	ND	U
10061-01-5	Cis-1,3-dichloropropene	5.	ND	U
108-10-1	4-Methyl-2-pentanone	10.	ND	U
108-88-3	Toluene	5.	ND	U
10061-02-6	Trans-1,3-dichloropropene	5.	ND	U
79-00-5	1,1,2-Trichloroethane	5.	ND	U
127-18-4	Tetrachloroethene	5.	ND	U
591-78-6	2-Hexanone	10.	ND	U
124-48-1	Dibromochloromethane	5.	ND	U
108-90-7	Chlorobenzene	5.	ND	U
100-41-4	Ethylbenzene	5.	ND	U
1330-20-7	Xylene (Total)	5.	ND	U
100-42-5	Styrene	5.	ND	U
75-25-2	Bromoform	5.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	ND	U
541-73-1	1,3-Dichlorobenzene	5.	ND	U
106-46-7	1,4-Dichlorobenzene	5.	ND	U
95-50-1	1,2-Dichlorobenzene	5.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-14
Matrix : WATER
Date Sampled : 7/ 9/92
Date Analyzed : 7/15/92
Instrument ID : MSD1

Anametrix ID : 9207119-07
Analyst : DP
Supervisor : MH
Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10.	ND	U
75-01-4	Vinyl chloride	10.	ND	U
74-83-9	Bromomethane	10.	ND	U
75-00-3	Chloroethane	10.	ND	U
75-69-4	Trichlorofluoromethane	5.	ND	U
75-35-4	1,1-Dichloroethene	5.	ND	U
76-13-1	Trichlorotrifluoroethane	5.	ND	U
67-64-1	Acetone	20.	ND	U
75-15-0	Carbon disulfide	5.	ND	U
75-09-2	Methylene chloride	5.	ND	U
156-60-5	Trans-1,2-dichloroethene	5.	ND	U
75-34-3	1,1-Dichloroethane	5.	ND	U
156-59-2	Cis-1,2-dichloroethene	5.	ND	U
78-93-3	2-Butanone	20.	ND	U
67-66-3	Chloroform	5.	ND	U
71-55-6	1,1,1-Trichloroethane	5.	ND	U
56-23-5	Carbon tetrachloride	5.	ND	U
108-05-4	Vinyl acetate	10.	ND	U
71-43-2	Benzene	5.	ND	U
107-06-2	1,2-Dichloroethane	5.	ND	U
79-01-6	Trichloroethene	5.	ND	U
78-87-5	1,2-Dichloropropane	5.	ND	U
75-27-4	Bromodichloromethane	5.	ND	U
10061-01-5	Cis-1,3-dichloropropene	5.	ND	U
108-10-1	4-Methyl-2-pentanone	10.	ND	U
108-88-3	Toluene	5.	ND	U
10061-02-6	Trans-1,3-dichloropropene	5.	ND	U
79-00-5	1,1,2-Trichloroethane	5.	ND	U
127-18-4	Tetrachloroethene	5.	ND	U
591-78-6	2-Hexanone	10.	ND	U
124-48-1	Dibromochloromethane	5.	ND	U
108-90-7	Chlorobenzene	5.	ND	U
100-41-4	Ethylbenzene	5.	ND	U
1330-20-7	Xylene (Total)	5.	ND	U
100-42-5	Styrene	5.	ND	U
75-25-2	Bromoform	5.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	ND	U
541-73-1	1,3-Dichlorobenzene	5.	ND	U
106-46-7	1,4-Dichlorobenzene	5.	ND	U
95-50-1	1,2-Dichlorobenzene	5.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-9-BR
Matrix : WATER
Date Sampled : 7/ 9/92
Date Analyzed : 7/15/92
Instrument ID : MSD1

Anametrix ID : 9207119-08
Analyst : DP
Supervisor : [illegible]

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10.	ND	U
75-01-4	Vinyl chloride	10.	ND	U
74-83-9	Bromomethane	10.	ND	U
75-00-3	Chloroethane	10.	ND	U
75-69-4	Trichlorofluoromethane	5.	ND	U
75-35-4	1,1-Dichloroethene	5.	ND	U
76-13-1	Trichlorotrifluoroethane	5.	ND	U
67-64-1	Acetone	20.	ND	U
75-15-0	Carbon disulfide	5.	ND	U
75-09-2	Methylene chloride	5.	ND	U
156-60-5	Trans-1,2-dichloroethene	5.	ND	U
75-34-3	1,1-Dichloroethane	5.	ND	U
156-59-2	Cis-1,2-dichloroethene	5.	ND	U
78-93-3	2-Butanone	20.	ND	U
67-66-3	Chloroform	5.	ND	U
71-55-6	1,1,1-Trichloroethane	5.	ND	U
56-23-5	Carbon tetrachloride	5.	ND	U
108-05-4	Vinyl acetate	10.	ND	U
71-43-2	Benzene	5.	ND	U
107-06-2	1,2-Dichloroethane	5.	ND	U
79-01-6	Trichloroethene	5.	ND	U
78-87-5	1,2-Dichloropropane	5.	ND	U
75-27-4	Bromodichloromethane	5.	ND	U
10061-01-5	Cis-1,3-dichloropropene	5.	ND	U
108-10-1	4-Methyl-2-pentanone	10.	ND	U
108-88-3	Toluene	5.	ND	U
10061-02-6	Trans-1,3-dichloropropene	5.	ND	U
79-00-5	1,1,2-Trichloroethane	5.	ND	U
127-18-4	Tetrachloroethene	5.	ND	U
591-78-6	2-Hexanone	10.	ND	U
124-48-1	Dibromochloromethane	5.	ND	U
108-90-7	Chlorobenzene	5.	ND	U
100-41-4	Ethylbenzene	5.	ND	U
1330-20-7	Xylene (Total)	5.	ND	U
100-42-5	Styrene	5.	ND	U
75-25-2	Bromoform	5.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	ND	U
541-73-1	1,3-Dichlorobenzene	5.	ND	U
106-46-7	1,4-Dichlorobenzene	5.	ND	U
95-50-1	1,2-Dichlorobenzene	5.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-9
Matrix : WATER
Date Sampled : 7/ 9/92
Date Analyzed : 7/22/92
Instrument ID : MSD1

Anametrix ID : 9207119-09
Analyst : DP
Supervisor : [illegible]

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10.	ND	U
75-01-4	Vinyl chloride	10.	ND	U
74-83-9	Bromomethane	10.	ND	U
75-00-3	Chloroethane	10.	ND	U
75-69-4	Trichlorofluoromethane	5.	ND	U
75-35-4	1,1-Dichloroethene	5.	ND	U
76-13-1	Trichlorotrifluoroethane	5.	ND	U
67-64-1	Acetone	20.	ND	U
75-15-0	Carbon disulfide	5.	ND	U
75-09-2	Methylene chloride	5.	ND	U
156-60-5	Trans-1,2-dichloroethene	5.	ND	U
75-34-3	1,1-Dichloroethane	5.	ND	U
156-59-2	Cis-1,2-dichloroethene	5.	ND	U
78-93-3	2-Butanone	20.	ND	U
67-66-3	Chloroform	5.	ND	U
71-55-6	1,1,1-Trichloroethane	5.	ND	U
56-23-5	Carbon tetrachloride	5.	ND	U
108-05-4	Vinyl acetate	10.	ND	U
71-43-2	Benzene	5.	ND	U
107-06-2	1,2-Dichloroethane	5.	ND	U
79-01-6	Trichloroethene	5.	ND	U
78-87-5	1,2-Dichloropropane	5.	ND	U
75-27-4	Bromodichloromethane	5.	ND	U
10061-01-5	Cis-1,3-dichloropropene	5.	ND	U
108-10-1	4-Methyl-2-pentanone	10.	ND	U
108-88-3	Toluene	5.	ND	U
10061-02-6	Trans-1,3-dichloropropene	5.	ND	U
79-00-5	1,1,2-Trichloroethane	5.	ND	U
127-18-4	Tetrachloroethene	5.	ND	U
591-78-6	2-Hexanone	10.	ND	U
124-48-1	Dibromochloromethane	5.	ND	U
108-90-7	Chlorobenzene	5.	5.	
100-41-4	Ethylbenzene	5.	ND	U
1330-20-7	Xylene (Total)	5.	ND	U
100-42-5	Styrene	5.	ND	U
75-25-2	Bromoform	5.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	ND	U
541-73-1	1,3-Dichlorobenzene	5.	ND	U
106-46-7	1,4-Dichlorobenzene	5.	ND	U
95-50-1	1,2-Dichlorobenzene	5.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-4
Matrix : WATER
Date Sampled : 7/ 9/92
Date Analyzed : 7/22/92
Instrument ID : MSD1

Anametrix ID : 9207119-10
Analyst : DP
Supervisor : MH

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10.	ND	U
75-01-4	Vinyl chloride	10.	ND	U
74-83-9	Bromomethane	10.	ND	U
75-00-3	Chloroethane	10.	ND	U
75-69-4	Trichlorofluoromethane	5.	ND	U
75-35-4	1,1-Dichloroethene	5.	ND	U
76-13-1	Trichlorotrifluoroethane	5.	ND	U
67-64-1	Acetone	20.	ND	U
75-15-0	Carbon disulfide	5.	ND	U
75-09-2	Methylene chloride	5.	ND	U
156-60-5	Trans-1,2-dichloroethene	5.	ND	U
75-34-3	1,1-Dichloroethane	5.	ND	U
156-59-2	Cis-1,2-dichloroethene	5.	ND	U
78-93-3	2-Butanone	20.	ND	U
67-66-3	Chloroform	5.	ND	U
71-55-6	1,1,1-Trichloroethane	5.	ND	U
56-23-5	Carbon tetrachloride	5.	ND	U
108-05-4	Vinyl acetate	10.	ND	U
71-43-2	Benzene	5.	16.	
107-06-2	1,2-Dichloroethane	5.	ND	U
79-01-6	Trichloroethene	5.	ND	U
78-87-5	1,2-Dichloropropane	5.	ND	U
75-27-4	Bromodichloromethane	5.	ND	U
10061-01-5	Cis-1,3-dichloropropene	5.	ND	U
108-10-1	4-Methyl-2-pentanone	10.	ND	U
108-88-3	Toluene	5.	ND	U
10061-02-6	Trans-1,3-dichloropropene	5.	ND	U
79-00-5	1,1,2-Trichloroethane	5.	ND	U
127-18-4	Tetrachloroethene	5.	ND	U
591-78-6	2-Hexanone	10.	ND	U
124-48-1	Dibromochloromethane	5.	ND	U
108-90-7	Chlorobenzene	5.	8.	
100-41-4	Ethylbenzene	5.	15.	
1330-20-7	Xylene (Total)	5.	69.	
100-42-5	Styrene	5.	ND	U
75-25-2	Bromoform	5.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	ND	U
541-73-1	1,3-Dichlorobenzene	5.	ND	U
106-46-7	1,4-Dichlorobenzene	5.	ND	U
95-50-1	1,2-Dichlorobenzene	5.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID	: 1563.06	Anametrix ID	: 9207119-11
Sample ID	: LF-5	Analyst	: DP
Matrix	: WATER	Supervisor	: [illegible]
Date Sampled	: 7/ 9/92		
Date Analyzed	: 7/22/92	Dilution Factor	: 1000.0
Instrument ID	: MSD1	Conc. Units	: ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10000.	ND	U
75-01-4	Vinyl chloride	10000.	ND	U
74-83-9	Bromomethane	10000.	ND	U
75-00-3	Chloroethane	10000.	ND	U
75-69-4	Trichlorofluoromethane	5000.	ND	U
75-35-4	1,1-Dichloroethene	5000.	ND	U
76-13-1	Trichlorotrifluoroethane	5000.	ND	U
67-64-1	Acetone	20000.	ND	U
75-15-0	Carbon disulfide	5000.	ND	U
75-09-2	Methylene chloride	5000.	ND	U
156-60-5	Trans-1,2-dichloroethene	5000.	ND	U
75-34-3	1,1-Dichloroethane	5000.	ND	U
156-59-2	Cis-1,2-dichloroethene	5000.	ND	U
78-93-3	2-Butanone	20000.	ND	U
67-66-3	Chloroform	5000.	ND	U
71-55-6	1,1,1-Trichloroethane	5000.	ND	U
56-23-5	Carbon tetrachloride	5000.	ND	U
108-05-4	Vinyl acetate	10000.	ND	U
71-43-2	Benzene	5000.	ND	U
107-06-2	1,2-Dichloroethane	5000.	ND	U
79-01-6	Trichloroethene	5000.	ND	U
78-87-5	1,2-Dichloropropane	5000.	ND	U
75-27-4	Bromodichloromethane	5000.	ND	U
10061-01-5	Cis-1,3-dichloropropene	5000.	ND	U
108-10-1	4-Methyl-2-pentanone	10000.	ND	U
108-88-3	Toluene	5000.	150000.	
10061-02-6	Trans-1,3-dichloropropene	5000.	ND	U
79-00-5	1,1,2-Trichloroethane	5000.	ND	U
127-18-4	Tetrachloroethene	5000.	ND	U
591-78-6	2-Hexanone	10000.	ND	U
124-48-1	Dibromochloromethane	5000.	ND	U
108-90-7	Chlorobenzene	5000.	ND	U
100-41-4	Ethylbenzene	5000.	ND	U
1330-20-7	Xylene (Total)	5000.	ND	U
100-42-5	Styrene	5000.	ND	U
75-25-2	Bromoform	5000.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5000.	ND	U
541-73-1	1,3-Dichlorobenzene	5000.	ND	U
106-46-7	1,4-Dichlorobenzene	5000.	ND	U
95-50-1	1,2-Dichlorobenzene	5000.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-10
Matrix : WATER
Date Sampled : 7/ 9/92
Date Analyzed : 7/22/92
Instrument ID : MSD1

Anametrix ID : 9207119-12
Analyst : DP
Supervisor : UH
Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10.	ND	U
75-01-4	Vinyl chloride	10.	ND	U
74-83-9	Bromomethane	10.	ND	U
75-00-3	Chloroethane	10.	ND	U
75-69-4	Trichlorofluoromethane	5.	ND	U
75-35-4	1,1-Dichloroethene	5.	ND	U
76-13-1	Trichlorotrifluoroethane	5.	ND	U
67-64-1	Acetone	20.	ND	U
75-15-0	Carbon disulfide	5.	ND	U
75-09-2	Methylene chloride	5.	ND	U
156-60-5	Trans-1,2-dichloroethene	5.	ND	U
75-34-3	1,1-Dichloroethane	5.	ND	U
156-59-2	Cis-1,2-dichloroethene	5.	ND	U
78-93-3	2-Butanone	20.	ND	U
67-66-3	Chloroform	5.	ND	U
71-55-6	1,1,1-Trichloroethane	5.	ND	U
56-23-5	Carbon tetrachloride	5.	ND	U
108-05-4	Vinyl acetate	10.	ND	U
71-43-2	Benzene	5.	ND	U
107-06-2	1,2-Dichloroethane	5.	ND	U
79-01-6	Trichloroethene	5.	ND	U
78-87-5	1,2-Dichloropropane	5.	ND	U
75-27-4	Bromodichloromethane	5.	ND	U
10061-01-5	Cis-1,3-dichloropropene	5.	ND	U
108-10-1	4-Methyl-2-pentanone	10.	ND	U
108-88-3	Toluene	5.	ND	U
10061-02-6	Trans-1,3-dichloropropene	5.	ND	U
79-00-5	1,1,2-Trichloroethane	5.	ND	U
127-18-4	Tetrachloroethene	5.	ND	U
591-78-6	2-Hexanone	10.	ND	U
124-48-1	Dibromochloromethane	5.	ND	U
108-90-7	Chlorobenzene	5.	ND	U
100-41-4	Ethylbenzene	5.	ND	U
1330-20-7	Xylene (Total)	5.	ND	U
100-42-5	Styrene	5.	ND	U
75-25-2	Bromoform	5.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	ND	U
541-73-1	1,3-Dichlorobenzene	5.	ND	U
106-46-7	1,4-Dichlorobenzene	5.	ND	U
95-50-1	1,2-Dichlorobenzene	5.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-3
Matrix : WATER
Date Sampled : 7/ 9/92
Date Analyzed : 7/23/92
Instrument ID : MSD1

Anametrix ID : 9207119-13
Analyst : DP
Supervisor : PG

Dilution Factor : 500.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	5000.	ND	U
75-01-4	Vinyl chloride	5000.	ND	U
74-83-9	Bromomethane	5000.	ND	U
75-00-3	Chloroethane	5000.	ND	U
75-69-4	Trichlorofluoromethane	2500.	ND	U
75-35-4	1,1-Dichloroethene	2500.	ND	U
76-13-1	Trichlorotrifluoroethane	2500.	ND	U
67-64-1	Acetone	10000.	ND	U
75-15-0	Carbon disulfide	2500.	ND	U
75-09-2	Methylene chloride	2500.	ND	U
156-60-5	Trans-1,2-dichloroethene	2500.	ND	U
75-34-3	1,1-Dichloroethane	2500.	ND	U
156-59-2	Cis-1,2-dichloroethene	2500.	ND	U
78-93-3	2-Butanone	10000.	ND	U
67-66-3	Chloroform	2500.	ND	U
71-55-6	1,1,1-Trichloroethane	2500.	ND	U
56-23-5	Carbon tetrachloride	2500.	ND	U
108-05-4	Vinyl acetate	5000.	ND	U
71-43-2	Benzene	2500.	ND	U
107-06-2	1,2-Dichloroethane	2500.	ND	U
79-01-6	Trichloroethene	2500.	ND	U
78-87-5	1,2-Dichloropropane	2500.	ND	U
75-27-4	Bromodichloromethane	2500.	ND	U
10061-01-5	Cis-1,3-dichloropropene	2500.	ND	U
108-10-1	4-Methyl-2-pentanone	5000.	ND	U
108-88-3	Toluene	2500.	92000.	
10061-02-6	Trans-1,3-dichloropropene	2500.	ND	U
79-00-5	1,1,2-Trichloroethane	2500.	ND	U
127-18-4	Tetrachloroethene	2500.	ND	U
591-78-6	2-Hexanone	5000.	ND	U
124-48-1	Dibromochloromethane	2500.	ND	U
108-90-7	Chlorobenzene	2500.	ND	U
100-41-4	Ethylbenzene	2500.	8900.	
1330-20-7	Xylene (Total)	2500.	43000.	
100-42-5	Styrene	2500.	ND	U
75-25-2	Bromoform	2500.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	2500.	ND	U
541-73-1	1,3-Dichlorobenzene	2500.	ND	U
106-46-7	1,4-Dichlorobenzene	2500.	ND	U
95-50-1	1,2-Dichlorobenzene	2500.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-3-DUP
Matrix : WATER
Date Sampled : 7/ 9/92
Date Analyzed : 7/23/92
Instrument ID : MSD1

Anametrix ID : 9207119-14
Analyst : DP
Supervisor : PG

Dilution Factor : 1000.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10000.	ND	U
75-01-4	Vinyl chloride	10000.	ND	U
74-83-9	Bromomethane	10000.	ND	U
75-00-3	Chloroethane	10000.	ND	U
75-69-4	Trichlorofluoromethane	5000.	ND	U
75-35-4	1,1-Dichloroethene	5000.	ND	U
76-13-1	Trichlorotrifluoroethane	5000.	ND	U
67-64-1	Acetone	20000.	ND	U
75-15-0	Carbon disulfide	5000.	ND	U
75-09-2	Methylene chloride	5000.	ND	U
156-60-5	Trans-1,2-dichloroethene	5000.	ND	U
75-34-3	1,1-Dichloroethane	5000.	ND	U
156-59-2	Cis-1,2-dichloroethene	5000.	ND	U
78-93-3	2-Butanone	20000.	ND	U
67-66-3	Chloroform	5000.	ND	U
71-55-6	1,1,1-Trichloroethane	5000.	ND	U
56-23-5	Carbon tetrachloride	5000.	ND	U
108-05-4	Vinyl acetate	10000.	ND	U
71-43-2	Benzene	5000.	ND	U
107-06-2	1,2-Dichloroethane	5000.	ND	U
79-01-6	Trichloroethene	5000.	ND	U
78-87-5	1,2-Dichloropropane	5000.	ND	U
75-27-4	Bromodichloromethane	5000.	ND	U
10061-01-5	Cis-1,3-dichloropropene	5000.	ND	U
108-10-1	4-Methyl-2-pentanone	10000.	ND	U
108-88-3	Toluene	5000.	100000.	
10061-02-6	Trans-1,3-dichloropropene	5000.	ND	U
79-00-5	1,1,2-Trichloroethane	5000.	ND	U
127-18-4	Tetrachloroethene	5000.	ND	U
591-78-6	2-Hexanone	10000.	ND	U
124-48-1	Dibromochloromethane	5000.	ND	U
108-90-7	Chlorobenzene	5000.	ND	U
100-41-4	Ethylbenzene	5000.	8800.	
1330-20-7	Xylene (Total)	5000.	45000.	
100-42-5	Styrene	5000.	ND	U
75-25-2	Bromoform	5000.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5000.	ND	U
541-73-1	1,3-Dichlorobenzene	5000.	ND	U
106-46-7	1,4-Dichlorobenzene	5000.	ND	U
95-50-1	1,2-Dichlorobenzene	5000.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID	: 1563.06	Anametrix ID	: 9207119-16
Sample ID	: LF-1	Analyst	: DP
Matrix	: WATER	Supervisor	: W
Date Sampled	: 7/ 9/92		
Date Analyzed	: 7/22/92	Dilution Factor	: 1.0
Instrument ID	: MSD1	Conc. Units	: ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10.	ND	U
75-01-4	Vinyl chloride	10.	ND	U
74-83-9	Bromomethane	10.	ND	U
75-00-3	Chloroethane	10.	ND	U
75-69-4	Trichlorofluoromethane	5.	ND	U
75-35-4	1,1-Dichloroethene	5.	ND	U
76-13-1	Trichlorotrifluoroethane	5.	ND	U
67-64-1	Acetone	20.	ND	U
75-15-0	Carbon disulfide	5.	ND	U
75-09-2	Methylene chloride	5.	ND	U
156-60-5	Trans-1,2-dichloroethene	5.	ND	U
75-34-3	1,1-Dichloroethane	5.	ND	U
156-59-2	Cis-1,2-dichloroethene	5.	ND	U
78-93-3	2-Butanone	20.	ND	U
67-66-3	Chloroform	5.	ND	U
71-55-6	1,1,1-Trichloroethane	5.	ND	U
56-23-5	Carbon tetrachloride	5.	ND	U
108-05-4	Vinyl acetate	10.	ND	U
71-43-2	Benzene	5.	ND	U
107-06-2	1,2-Dichloroethane	5.	ND	U
79-01-6	Trichloroethene	5.	ND	U
78-87-5	1,2-Dichloropropane	5.	ND	U
75-27-4	Bromodichloromethane	5.	ND	U
10061-01-5	Cis-1,3-dichloropropene	5.	ND	U
108-10-1	4-Methyl-2-pentanone	10.	ND	U
108-88-3	Toluene	5.	ND	U
10061-02-6	Trans-1,3-dichloropropene	5.	ND	U
79-00-5	1,1,2-Trichloroethane	5.	ND	U
127-18-4	Tetrachloroethene	5.	ND	U
591-78-6	2-Hexanone	10.	ND	U
124-48-1	Dibromochloromethane	5.	ND	U
108-90-7	Chlorobenzene	5.	ND	U
100-41-4	Ethylbenzene	5.	8.	
1330-20-7	Xylene (Total)	5.	ND	U
100-42-5	Styrene	5.	ND	U
75-25-2	Bromoform	5.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	ND	U
541-73-1	1,3-Dichlorobenzene	5.	ND	U
106-46-7	1,4-Dichlorobenzene	5.	ND	U
95-50-1	1,2-Dichlorobenzene	5.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID :
Sample ID : BLANK
Matrix : WATER
Date Sampled : 0/ 0/ 0
Date Analyzed : 7/15/92
Instrument ID : MSD1

Anametrix ID : BL1502A2
Analyst : DP
Supervisor : JH

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10.	ND	U
75-01-4	Vinyl chloride	10.	ND	U
74-83-9	Bromomethane	10.	ND	U
75-00-3	Chloroethane	10.	ND	U
75-69-4	Trichlorofluoromethane	5.	ND	U
75-35-4	1,1-Dichloroethene	5.	ND	U
76-13-1	Trichlorotrifluoroethane	5.	ND	U
67-64-1	Acetone	20.	ND	U
75-15-0	Carbon disulfide	5.	ND	U
75-09-2	Methylene chloride	5.	ND	U
156-60-5	Trans-1,2-dichloroethene	5.	ND	U
75-34-3	1,1-Dichloroethane	5.	ND	U
156-59-2	Cis-1,2-dichloroethene	5.	ND	U
78-93-3	2-Butanone	20.	ND	U
67-66-3	Chloroform	5.	ND	U
71-55-6	1,1,1-Trichloroethane	5.	ND	U
56-23-5	Carbon tetrachloride	5.	ND	U
108-05-4	Vinyl acetate	10.	ND	U
71-43-2	Benzene	5.	ND	U
107-06-2	1,2-Dichloroethane	5.	ND	U
79-01-6	Trichloroethene	5.	ND	U
78-87-5	1,2-Dichloropropane	5.	ND	U
75-27-4	Bromodichloromethane	5.	ND	U
10061-01-5	Cis-1,3-dichloropropene	5.	ND	U
108-10-1	4-Methyl-2-pentanone	10.	ND	U
108-88-3	Toluene	5.	ND	U
10061-02-6	Trans-1,3-dichloropropene	5.	ND	U
79-00-5	1,1,2-Trichloroethane	5.	ND	U
127-18-4	Tetrachloroethene	5.	ND	U
591-78-6	2-Hexanone	10.	ND	U
124-48-1	Dibromochloromethane	5.	ND	U
108-90-7	Chlorobenzene	5.	ND	U
100-41-4	Ethylbenzene	5.	ND	U
1330-20-7	Xylene (Total)	5.	ND	U
100-42-5	Styrene	5.	ND	U
75-25-2	Bromoform	5.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	ND	U
541-73-1	1,3-Dichlorobenzene	5.	ND	U
106-46-7	1,4-Dichlorobenzene	5.	ND	U
95-50-1	1,2-Dichlorobenzene	5.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID	:	Anametrix ID	: BL2102A2
Sample ID	: BLANK	Analyst	: DP
Matrix	: WATER	Supervisor	: MH
Date Sampled	: 0/ 0/ 0		
Date Analyzed	: 7/21/92	Dilution Factor	: 1.0
Instrument ID	: MSD1	Conc. Units	: ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10.	ND	U
75-01-4	Vinyl chloride	10.	ND	U
74-83-9	Bromomethane	10.	ND	U
75-00-3	Chloroethane	10.	ND	U
75-69-4	Trichlorofluoromethane	5.	ND	U
75-35-4	1,1-Dichloroethene	5.	ND	U
76-13-1	Trichlorotrifluoroethane	5.	ND	U
67-64-1	Acetone	20.	ND	U
75-15-0	Carbon disulfide	5.	ND	U
75-09-2	Methylene chloride	5.	ND	U
156-60-5	Trans-1,2-dichloroethene	5.	ND	U
75-34-3	1,1-Dichloroethane	5.	ND	U
156-59-2	Cis-1,2-dichloroethene	5.	ND	U
78-93-3	2-Butanone	20.	ND	U
67-66-3	Chloroform	5.	ND	U
71-55-6	1,1,1-Trichloroethane	5.	ND	U
56-23-5	Carbon tetrachloride	5.	ND	U
108-05-4	Vinyl acetate	10.	ND	U
71-43-2	Benzene	5.	ND	U
107-06-2	1,2-Dichloroethane	5.	ND	U
79-01-6	Trichloroethene	5.	ND	U
78-87-5	1,2-Dichloropropane	5.	ND	U
75-27-4	Bromodichloromethane	5.	ND	U
10061-01-5	Cis-1,3-dichloropropene	5.	ND	U
108-10-1	4-Methyl-2-pentanone	10.	ND	U
108-88-3	Toluene	5.	ND	U
10061-02-6	Trans-1,3-dichloropropene	5.	ND	U
79-00-5	1,1,2-Trichloroethane	5.	ND	U
127-18-4	Tetrachloroethene	5.	ND	U
591-78-6	2-Hexanone	10.	ND	U
124-48-1	Dibromochloromethane	5.	ND	U
108-90-7	Chlorobenzene	5.	ND	U
100-41-4	Ethylbenzene	5.	ND	U
1330-20-7	Xylene (Total)	5.	ND	U
100-42-5	Styrene	5.	ND	U
75-25-2	Bromoform	5.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	ND	U
541-73-1	1,3-Dichlorobenzene	5.	ND	U
106-46-7	1,4-Dichlorobenzene	5.	ND	U
95-50-1	1,2-Dichlorobenzene	5.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID :
Sample ID : BLANK
Matrix : WATER
Date Sampled : 0/ 0/ 0
Date Analyzed : 7/22/92
Instrument ID : MSD1

Anametrix ID : BL2202A2
Analyst : DP
Supervisor : [illegible]

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10.	ND	U
75-01-4	Vinyl chloride	10.	ND	U
74-83-9	Bromomethane	10.	ND	U
75-00-3	Chloroethane	10.	ND	U
75-69-4	Trichlorofluoromethane	5.	ND	U
75-35-4	1,1-Dichloroethene	5.	ND	U
76-13-1	Trichlorotrifluoroethane	5.	ND	U
67-64-1	Acetone	20.	ND	U
75-15-0	Carbon disulfide	5.	ND	U
75-09-2	Methylene chloride	5.	ND	U
156-60-5	Trans-1,2-dichloroethene	5.	ND	U
75-34-3	1,1-Dichloroethane	5.	ND	U
156-59-2	Cis-1,2-dichloroethene	5.	ND	U
78-93-3	2-Butanone	20.	ND	U
67-66-3	Chloroform	5.	ND	U
71-55-6	1,1,1-Trichloroethane	5.	ND	U
56-23-5	Carbon tetrachloride	5.	ND	U
108-05-4	Vinyl acetate	10.	ND	U
71-43-2	Benzene	5.	ND	U
107-06-2	1,2-Dichloroethane	5.	ND	U
79-01-6	Trichloroethene	5.	ND	U
78-87-5	1,2-Dichloropropane	5.	ND	U
75-27-4	Bromodichloromethane	5.	ND	U
10061-01-5	Cis-1,3-dichloropropene	5.	ND	U
108-10-1	4-Methyl-2-pentanone	10.	ND	U
108-88-3	Toluene	5.	ND	U
10061-02-6	Trans-1,3-dichloropropene	5.	ND	U
79-00-5	1,1,2-Trichloroethane	5.	ND	U
127-18-4	Tetrachloroethene	5.	ND	U
591-78-6	2-Hexanone	10.	ND	U
124-48-1	Dibromochloromethane	5.	ND	U
108-90-7	Chlorobenzene	5.	ND	U
100-41-4	Ethylbenzene	5.	ND	U
1330-20-7	Xylene (Total)	5.	ND	U
100-42-5	Styrene	5.	ND	U
75-25-2	Bromoform	5.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	ND	U
541-73-1	1,3-Dichlorobenzene	5.	ND	U
106-46-7	1,4-Dichlorobenzene	5.	ND	U
95-50-1	1,2-Dichlorobenzene	5.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID :
Sample ID : BLANK
Matrix : WATER
Date Sampled : 0/ 0/ 0
Date Analyzed : 7/23/92
Instrument ID : MSD1

Anametrix ID : BL2302A2
Analyst : DP
Supervisor : [illegible]

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10.	ND	U
75-01-4	Vinyl chloride	10.	ND	U
74-83-9	Bromomethane	10.	ND	U
75-00-3	Chloroethane	10.	ND	U
75-69-4	Trichlorofluoromethane	5.	ND	U
75-35-4	1,1-Dichloroethene	5.	ND	U
76-13-1	Trichlorotrifluoroethane	5.	ND	U
67-64-1	Acetone	20.	ND	U
75-15-0	Carbon disulfide	5.	ND	U
75-09-2	Methylene chloride	5.	ND	U
156-60-5	Trans-1,2-dichloroethene	5.	ND	U
75-34-3	1,1-Dichloroethane	5.	ND	U
156-59-2	Cis-1,2-dichloroethene	5.	ND	U
78-93-3	2-Butanone	20.	ND	U
67-66-3	Chloroform	5.	ND	U
71-55-6	1,1,1-Trichloroethane	5.	ND	U
56-23-5	Carbon tetrachloride	5.	ND	U
108-05-4	Vinyl acetate	10.	ND	U
71-43-2	Benzene	5.	ND	U
107-06-2	1,2-Dichloroethane	5.	ND	U
79-01-6	Trichloroethene	5.	ND	U
78-87-5	1,2-Dichloropropane	5.	ND	U
75-27-4	Bromodichloromethane	5.	ND	U
10061-01-5	Cis-1,3-dichloropropene	5.	ND	U
108-10-1	4-Methyl-2-pentanone	10.	ND	U
108-88-3	Toluene	5.	ND	U
10061-02-6	Trans-1,3-dichloropropene	5.	ND	U
79-00-5	1,1,2-Trichloroethane	5.	ND	U
127-18-4	Tetrachloroethene	5.	ND	U
591-78-6	2-Hexanone	10.	ND	U
124-48-1	Dibromochloromethane	5.	ND	U
108-90-7	Chlorobenzene	5.	ND	U
100-41-4	Ethylbenzene	5.	ND	U
1330-20-7	Xylene (Total)	5.	ND	U
100-42-5	Styrene	5.	ND	U
75-25-2	Bromoform	5.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	ND	U
541-73-1	1,3-Dichlorobenzene	5.	ND	U
106-46-7	1,4-Dichlorobenzene	5.	ND	U
95-50-1	1,2-Dichlorobenzene	5.	ND	U

SURROGATE RECOVERY SUMMARY -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Matrix : LIQUID

Anametrix ID : 9207119
Analyst : DP
Supervisor : CH

	SAMPLE ID	SU1	SU2	SU3
1	BLANK	98	100	99
2	LF-7-TB	100	97	97
3	LF-7	101	96	96
4	LF-7-DUP	98	98	95
5	LF-8	96	96	95
6	LF-11	96	96	95
7	LF-14	96	96	95
8	LF-9-BR	98	99	96
9				
10				
11				
12				
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29				
30				

	QC LIMITS
SU1 = 1,2-Dichloroethane-d4	(75-113)
SU2 = Toluene-d8	(83-110)
SU3 = 1,4-Bromofluorobenzene	(82-114)

* Values outside of Anametrix QC limits

SURROGATE RECOVERY SUMMARY -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Matrix : LIQUID

Anametrix ID : 9207119
Analyst : DP
Supervisor : CH

	SAMPLE ID	SU1	SU2	SU3
1	BLANK	95	99	100
2	LF-16	94	93	96
3	LF-16MS	94	93	97
4	LF-16MSD	95	99	98
5				
6				
7				
8				
9				
10				
11				
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	QC LIMITS
SU1 = 1,2-Dichloroethane-d4	(75-113)
SU2 = Toluene-d8	(83-110)
SU3 = 1,4-Bromofluorobenzene	(82-114)

* Values outside of Anametrix QC limits

SURROGATE RECOVERY SUMMARY -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Matrix : LIQUID

Anametrix ID : 9207119
Analyst : DP
Supervisor : [illegible]

	SAMPLE ID	SU1	SU2	SU3
1	BLANK	92	98	99
2	LF-4	93	96	97
3	LF-10	94	95	96
4	LF-1	93	95	95
5	LF-5	93	95	95
6	LF-9	96	95	97
7				
8				
9				
10				
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	QC LIMITS
SU1 = 1,2-Dichloroethane-d4	(75-113)
SU2 = Toluene-d8	(83-110)
SU3 = 1,4-Bromofluorobenzene	(82-114)

* Values outside of Anametrix QC limits

SURROGATE RECOVERY SUMMARY -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Matrix : LIQUID

Anametrix ID : 9207119
Analyst : DP
Supervisor : UH

	SAMPLE ID	SU1	SU2	SU3
1	BLANK	102	97	100
2	LF-3	101	101	101
3	LF-3-DUP	101	101	109
4				
5				
6				
7				
8				
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30				

	QC LIMITS
SU1 = 1,2-Dichloroethane-d4	(75-113)
SU2 = Toluene-d8	(83-110)
SU3 = 1,4-Bromofluorobenzene	(82-114)

* Values outside of Anametrix QC limits

MATRIX SPIKE RECOVERY FORM -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-16
Matrix : WATER
Date Sampled : 7/ 9/92
Date Analyzed : 7/21/92
Instrument ID : MSD1

Anametrix ID : 9207119-01
Analyst : DP
Supervisor : MH

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	%REC LIMITS
1,1-Dichloroethene	50.	0.	51.	103	67-150
Benzene	50.	0.	51.	103	75-134
Trichloroethene	50.	0.	50.	100	69-136
Toluene	50.	0.	49.	99	78-130
Chlorobenzene	50.	0.	53.	106	85-130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	RPD LIMITS	%REC LIMITS
1,1-Dichloroethene	50.	52.	103	0	25	67-150
Benzene	50.	52.	104	1	25	75-134
Trichloroethene	50.	51.	102	2	25	69-136
Toluene	50.	53.	105	6	25	78-130
Chlorobenzene	50.	54.	109	3	25	85-130

* Value is outside of Anametrix QC limits

RPD: 0 out of 5 outside limits
Spike Recovery: 0 out of 10 outside limits

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID	: 1563.06	Anametrix ID	: 9207119-01
Sample ID	: LF-16	Analyst	: MCT
Matrix	: WATER	Supervisor	: IH
Date Sampled	: 7/ 9/92		
Date Extracted	: 7/16/92		
Amount Extracted	: 1000.0 mL		
Date Analyzed	: 7/20/92	Dilution Factor	: 1.0
Instrument ID	: F3	Conc. Units	: ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	10.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	10.	ND	U
95-57-8	2-CHLOROPHENOL	10.	ND	U
541-73-1	1,3-DICHLOROBENZENE	10.	ND	U
106-46-7	1,4-DICHLOROBENZENE	10.	ND	U
100-51-6	BENZYL ALCOHOL	10.	ND	U
95-50-1	1,2-DICHLOROBENZENE	10.	ND	U
95-48-7	2-METHYLPHENOL	10.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	10.	ND	U
106-44-5	4-METHYLPHENOL	10.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10.	ND	U
67-72-1	HEXACHLOROETHANE	10.	ND	U
98-95-3	NITROBENZENE	10.	ND	U
78-59-1	ISOPHORONE	10.	ND	U
88-75-5	2-NITROPHENOL	10.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	10.	ND	U
65-85-0	BENZOIC ACID	50.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	10.	ND	U
120-83-2	2,4-DICHLOROPHENOL	10.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	10.	ND	U
91-20-3	NAPHTHALENE	10.	ND	U
106-47-8	4-CHLOROANILINE	10.	ND	U
87-68-3	HEXACHLOROBUTADIENE	10.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	10.	ND	U
91-57-6	2-METHYLNAPHTHALENE	10.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	10.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	10.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	50.	ND	U
91-58-7	2-CHLORONAPHTHALENE	10.	ND	U
88-74-4	2-NITROANILINE	50.	ND	U
131-11-3	DIMETHYLPHTHALATE	10.	ND	U
208-96-8	ACENAPHTHYLENE	10.	ND	U
99-09-2	3-NITROANILINE	50.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-16
Matrix : WATER
Date Sampled : 7/ 9/92
Date Extracted : 7/16/92
Amount Extracted : 1000.0 mL
Date Analyzed : 7/20/92
Instrument ID : F3

Anametrix ID : 9207119-01
Analyst : MCT
Supervisor : UM

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
83-32-9	ACENAPHTHENE	10.	ND	U
51-28-5	2,4-DINITROPHENOL	50.	ND	U
100-02-7	4-NITROPHENOL	50.	ND	U
132-64-9	DIBENZOFURAN	10.	ND	U
121-14-2	2,4-DINITROTOLUENE	10.	ND	U
606-20-2	2,6-DINITROTOLUENE	10.	ND	U
84-66-2	DIETHYLPHTHALATE	10.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	10.	ND	U
86-73-7	FLUORENE	10.	ND	U
100-01-6	4-NITROANILINE	50.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	50.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	10.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	10.	ND	U
118-74-1	HEXACHLOROBENZENE	10.	ND	U
87-86-5	PENTACHLOROPHENOL	50.	ND	U
85-01-8	PHENANTHRENE	10.	ND	U
120-12-7	ANTHRACENE	10.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	10.	ND	U
206-44-0	FLUORANTHENE	10.	ND	U
129-00-0	PYRENE	10.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	10.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	20.	ND	U
56-55-3	BENZO(A)ANTHRACENE	10.	ND	U
218-01-9	CHRYSENE	10.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	10.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	10.	ND	U
205-99-2	BENZO(B)FLUORANTHENE	10.	ND	U
207-08-9	BENZO(K)FLUORANTHENE	10.	ND	U
50-32-8	BENZO(A)PYRENE	10.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	10.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	10.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	10.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	10.	ND	U
4165-61-1	ANILINE	10.	ND	U
103-33-3	AZOBENZENE	10.	ND	U
92-87-5	BENZIDINE	10.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID	: 1563.06	Anametrix ID	: 9207119-03
Sample ID	: LF-7	Analyst	: mcr
Matrix	: WATER	Supervisor	: [illegible]
Date Sampled	: 7/ 9/92		
Date Extracted	: 7/16/92		
Amount Extracted	: 1000.0 mL		
Date Analyzed	: 7/20/92	Dilution Factor	: 1.0
Instrument ID	: F3	Conc. Units	: ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	10.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	10.	ND	U
95-57-8	2-CHLOROPHENOL	10.	ND	U
541-73-1	1,3-DICHLOROBENZENE	10.	ND	U
106-46-7	1,4-DICHLOROBENZENE	10.	ND	U
100-51-6	BENZYL ALCOHOL	10.	ND	U
95-50-1	1,2-DICHLOROBENZENE	10.	ND	U
95-48-7	2-METHYLPHENOL	10.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	10.	ND	U
106-44-5	4-METHYLPHENOL	10.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10.	ND	U
67-72-1	HEXACHLOROETHANE	10.	ND	U
98-95-3	NITROBENZENE	10.	ND	U
78-59-1	ISOPHORONE	10.	ND	U
88-75-5	2-NITROPHENOL	10.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	10.	ND	U
65-85-0	BENZOIC ACID	50.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	10.	ND	U
120-83-2	2,4-DICHLOROPHENOL	10.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	10.	ND	U
91-20-3	NAPHTHALENE	10.	ND	U
106-47-8	4-CHLOROANILINE	10.	ND	U
87-68-3	HEXACHLOROBUTADIENE	10.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	10.	ND	U
91-57-6	2-METHYLNAPHTHALENE	10.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	10.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	10.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	50.	ND	U
91-58-7	2-CHLORONAPHTHALENE	10.	ND	U
88-74-4	2-NITROANILINE	50.	ND	U
131-11-3	DIMETHYLPHTHALATE	10.	ND	U
208-96-8	ACENAPHTHYLENE	10.	ND	U
99-09-2	3-NITROANILINE	50.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID	: 1563.06	Anametrix ID	: 9207119-03
Sample ID	: LF-7	Analyst	: MCT
Matrix	: WATER	Supervisor	: UM
Date Sampled	: 7/ 9/92		
Date Extracted	: 7/16/92		
Amount Extracted	: 1000.0 mL		
Date Analyzed	: 7/20/92	Dilution Factor	: 1.0
Instrument ID	: F3	Conc. Units	: ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
83-32-9	ACENAPHTHENE	10.	ND	U
51-28-5	2,4-DINITROPHENOL	50.	ND	U
100-02-7	4-NITROPHENOL	50.	ND	U
132-64-9	DIBENZOFURAN	10.	ND	U
121-14-2	2,4-DINITROTOLUENE	10.	ND	U
606-20-2	2,6-DINITROTOLUENE	10.	ND	U
84-66-2	DIETHYLPHTHALATE	10.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	10.	ND	U
86-73-7	FLUORENE	10.	ND	U
100-01-6	4-NITROANILINE	50.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	50.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	10.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	10.	ND	U
118-74-1	HEXACHLOROBENZENE	10.	ND	U
87-86-5	PENTACHLOROPHENOL	50.	ND	U
85-01-8	PHENANTHRENE	10.	ND	U
120-12-7	ANTHRACENE	10.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	10.	ND	U
206-44-0	FLUORANTHENE	10.	ND	U
129-00-0	PYRENE	10.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	10.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	20.	ND	U
56-55-3	BENZO(A)ANTHRACENE	10.	ND	U
218-01-9	CHRYSENE	10.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	10.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	10.	ND	U
205-99-2	BENZO(B)FLUOROANTHENE	10.	ND	U
207-08-9	BENZO(K)FLUOROANTHENE	10.	ND	U
50-32-8	BENZO(A)PYRENE	10.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	10.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	10.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	10.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	10.	ND	U
4165-61-1	ANILINE	10.	ND	U
103-33-3	AZOBENZENE	10.	ND	U
92-87-5	BENZIDINE	10.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-7-DUP
Matrix : WATER
Date Sampled : 7/ 9/92
Date Extracted : 7/16/92
Amount Extracted : 1000.0 mL
Date Analyzed : 7/20/92
Instrument ID : F3

Anametrix ID : 9207119-04
Analyst : MG
Supervisor : MH

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	10.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	10.	ND	U
95-57-8	2-CHLOROPHENOL	10.	ND	U
541-73-1	1,3-DICHLOROBENZENE	10.	ND	U
106-46-7	1,4-DICHLOROBENZENE	10.	ND	U
100-51-6	BENZYL ALCOHOL	10.	ND	U
95-50-1	1,2-DICHLOROBENZENE	10.	ND	U
95-48-7	2-METHYLPHENOL	10.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	10.	ND	U
106-44-5	4-METHYLPHENOL	10.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10.	ND	U
67-72-1	HEXACHLOROETHANE	10.	ND	U
98-95-3	NITROBENZENE	10.	ND	U
78-59-1	ISOPHORONE	10.	ND	U
88-75-5	2-NITROPHENOL	10.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	10.	ND	U
65-85-0	BENZOIC ACID	50.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	10.	ND	U
120-83-2	2,4-DICHLOROPHENOL	10.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	10.	ND	U
91-20-3	NAPHTHALENE	10.	ND	U
106-47-8	4-CHLOROANILINE	10.	ND	U
87-68-3	HEXACHLOROBUTADIENE	10.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	10.	ND	U
91-57-6	2-METHYLNAPHTHALENE	10.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	10.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	10.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	50.	ND	U
91-58-7	2-CHLORONAPHTHALENE	10.	ND	U
88-74-4	2-NITROANILINE	50.	ND	U
131-11-3	DIMETHYLPHTHALATE	10.	ND	U
208-96-8	ACENAPHTHYLENE	10.	ND	U
99-09-2	3-NITROANILINE	50.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-7-DUP
Matrix : WATER
Date Sampled : 7/ 9/92
Date Extracted : 7/16/92
Amount Extracted : 1000.0 mL
Date Analyzed : 7/20/92
Instrument ID : F3

Anametrix ID : 9207119-04
Analyst : MC
Supervisor : LH

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
83-32-9	ACENAPHTHENE	10.	ND	U
51-28-5	2,4-DINITROPHENOL	50.	ND	U
100-02-7	4-NITROPHENOL	50.	ND	U
132-64-9	DIBENZOFURAN	10.	ND	U
121-14-2	2,4-DINITROTOLUENE	10.	ND	U
606-20-2	2,6-DINITROTOLUENE	10.	ND	U
84-66-2	DIETHYLPHTHALATE	10.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	10.	ND	U
86-73-7	FLUORENE	10.	ND	U
100-01-6	4-NITROANILINE	50.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	50.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	10.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	10.	ND	U
118-74-1	HEXACHLOROBENZENE	10.	ND	U
87-86-5	PENTACHLOROPHENOL	50.	ND	U
85-01-8	PHENANTHRENE	10.	ND	U
120-12-7	ANTHRACENE	10.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	10.	ND	U
206-44-0	FLUORANTHENE	10.	ND	U
129-00-0	PYRENE	10.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	10.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	20.	ND	U
56-55-3	BENZO(A)ANTHRACENE	10.	ND	U
218-01-9	CHRYSENE	10.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	10.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	10.	ND	U
205-99-2	BENZO(B)FLUORANTHENE	10.	ND	U
207-08-9	BENZO(K)FLUORANTHENE	10.	ND	U
50-32-8	BENZO(A)PYRENE	10.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	10.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	10.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	10.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	10.	ND	U
4165-61-1	ANILINE	10.	ND	U
103-33-3	AZOBENZENE	10.	ND	U
92-87-5	BENZIDINE	10.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-8
Matrix : WATER
Date Sampled : 7/ 9/92
Date Extracted : 7/16/92
Amount Extracted : 1000.0 mL
Date Analyzed : 7/20/92
Instrument ID : F3

Anametrix ID : 9207119-05
Analyst : MC
Supervisor : WH

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	10.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	10.	ND	U
95-57-8	2-CHLOROPHENOL	10.	ND	U
541-73-1	1,3-DICHLOROBENZENE	10.	ND	U
106-46-7	1,4-DICHLOROBENZENE	10.	ND	U
100-51-6	BENZYL ALCOHOL	10.	ND	U
95-50-1	1,2-DICHLOROBENZENE	10.	ND	U
95-48-7	2-METHYLPHENOL	10.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	10.	ND	U
106-44-5	4-METHYLPHENOL	10.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10.	ND	U
67-72-1	HEXACHLOROETHANE	10.	ND	U
98-95-3	NITROBENZENE	10.	ND	U
78-59-1	ISOPHORONE	10.	ND	U
88-75-5	2-NITROPHENOL	10.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	10.	ND	U
65-85-0	BENZOIC ACID	50.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	10.	ND	U
120-83-2	2,4-DICHLOROPHENOL	10.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	10.	ND	U
91-20-3	NAPHTHALENE	10.	ND	U
106-47-8	4-CHLOROANILINE	10.	ND	U
87-68-3	HEXACHLOROBUTADIENE	10.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	10.	ND	U
91-57-6	2-METHYLNAPHTHALENE	10.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	10.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	10.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	50.	ND	U
91-58-7	2-CHLORONAPHTHALENE	10.	ND	U
88-74-4	2-NITROANILINE	50.	ND	U
131-11-3	DIMETHYLPHTHALATE	10.	ND	U
208-96-8	ACENAPHTHYLENE	10.	ND	U
99-09-2	3-NITROANILINE	50.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-8
Matrix : WATER
Date Sampled : 7/ 9/92
Date Extracted : 7/16/92
Amount Extracted : 1000.0 mL
Date Analyzed : 7/20/92
Instrument ID : F3

Anametrix ID : 9207119-05
Analyst : MCT
Supervisor : UH

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
83-32-9	ACENAPHTHENE	10.	ND	U
51-28-5	2,4-DINITROPHENOL	50.	ND	U
100-02-7	4-NITROPHENOL	50.	ND	U
132-64-9	DIBENZOFURAN	10.	ND	U
121-14-2	2,4-DINITROTOLUENE	10.	ND	U
606-20-2	2,6-DINITROTOLUENE	10.	ND	U
84-66-2	DIETHYLPHTHALATE	10.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	10.	ND	U
86-73-7	FLUORENE	10.	ND	U
100-01-6	4-NITROANILINE	50.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	50.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	10.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	10.	ND	U
118-74-1	HEXACHLOROBENZENE	10.	ND	U
87-86-5	PENTACHLOROPHENOL	50.	ND	U
85-01-8	PHENANTHRENE	10.	ND	U
120-12-7	ANTHRACENE	10.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	10.	ND	U
206-44-0	FLUORANTHENE	10.	ND	U
129-00-0	PYRENE	10.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	10.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	20.	ND	U
56-55-3	BENZO(A)ANTHRACENE	10.	ND	U
218-01-9	CHRYSENE	10.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	10.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	10.	ND	U
205-99-2	BENZO(B)FLUORANTHENE	10.	ND	U
207-08-9	BENZO(K)FLUORANTHENE	10.	ND	U
50-32-8	BENZO(A)PYRENE	10.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	10.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	10.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	10.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	10.	ND	U
4165-61-1	ANILINE	10.	ND	U
103-33-3	AZOBENZENE	10.	ND	U
92-87-5	BENZIDINE	10.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID	: 1563.06	Anametrix ID	: 9207119-06
Sample ID	: LF-11	Analyst	: MCT
Matrix	: WATER	Supervisor	:
Date Sampled	: 7/ 9/92		
Date Extracted	: 7/16/92		
Amount Extracted	: 1000.0 mL		
Date Analyzed	: 7/20/92	Dilution Factor	: 1.0
Instrument ID	: F3	Conc. Units	: ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	10.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	10.	ND	U
95-57-8	2-CHLOROPHENOL	10.	ND	U
541-73-1	1,3-DICHLOROBENZENE	10.	ND	U
106-46-7	1,4-DICHLOROBENZENE	10.	ND	U
100-51-6	BENZYL ALCOHOL	10.	ND	U
95-50-1	1,2-DICHLOROBENZENE	10.	ND	U
95-48-7	2-METHYLPHENOL	10.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	10.	ND	U
106-44-5	4-METHYLPHENOL	10.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10.	ND	U
67-72-1	HEXACHLOROETHANE	10.	ND	U
98-95-3	NITROBENZENE	10.	ND	U
78-59-1	ISOPHORONE	10.	ND	U
88-75-5	2-NITROPHENOL	10.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	10.	ND	U
65-85-0	BENZOIC ACID	50.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	10.	ND	U
120-83-2	2,4-DICHLOROPHENOL	10.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	10.	ND	U
91-20-3	NAPHTHALENE	10.	ND	U
106-47-8	4-CHLOROANILINE	10.	ND	U
87-68-3	HEXACHLOROBUTADIENE	10.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	10.	ND	U
91-57-6	2-METHYLNAPHTHALENE	10.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	10.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	10.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	50.	ND	U
91-58-7	2-CHLORONAPHTHALENE	10.	ND	U
88-74-4	2-NITROANILINE	50.	ND	U
131-11-3	DIMETHYLPHTHALATE	10.	ND	U
208-96-8	ACENAPHTHYLENE	10.	ND	U
99-09-2	3-NITROANILINE	50.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-11
Matrix : WATER
Date Sampled : 7/ 9/92
Date Extracted : 7/16/92
Amount Extracted : 1000.0 mL
Date Analyzed : 7/20/92
Instrument ID : F3

Anametrix ID : 9207119-06
Analyst : MCT
Supervisor : [illegible]

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
83-32-9	ACENAPHTHENE	10.	ND	U
51-28-5	2,4-DINITROPHENOL	50.	ND	U
100-02-7	4-NITROPHENOL	50.	ND	U
132-64-9	DIBENZOFURAN	10.	ND	U
121-14-2	2,4-DINITROTOLUENE	10.	ND	U
606-20-2	2,6-DINITROTOLUENE	10.	ND	U
84-66-2	DIETHYLPHTHALATE	10.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	10.	ND	U
86-73-7	FLUORENE	10.	ND	U
100-01-6	4-NITROANILINE	50.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	50.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	10.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	10.	ND	U
118-74-1	HEXACHLOROBENZENE	10.	ND	U
87-86-5	PENTACHLOROPHENOL	50.	ND	U
85-01-8	PHENANTHRENE	10.	ND	U
120-12-7	ANTHRACENE	10.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	10.	ND	U
206-44-0	FLUORANTHENE	10.	ND	U
129-00-0	PYRENE	10.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	10.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	20.	ND	U
56-55-3	BENZO(A)ANTHRACENE	10.	ND	U
218-01-9	CHRYSENE	10.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	10.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	10.	ND	U
205-99-2	BENZO(B)FLUORANTHENE	10.	ND	U
207-08-9	BENZO(K)FLUORANTHENE	10.	ND	U
50-32-8	BENZO(A)PYRENE	10.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	10.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	10.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	10.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	10.	ND	U
4165-61-1	ANILINE	10.	ND	U
103-33-3	AZOBENZENE	10.	ND	U
92-87-5	BENZIDINE	10.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-14
Matrix : WATER
Date Sampled : 7/ 9/92
Date Extracted : 7/16/92
Amount Extracted : 1000.0 mL
Date Analyzed : 7/20/92
Instrument ID : F3

Anametrix ID : 9207119-07
Analyst : MCJ
Supervisor : [illegible]

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	10.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	10.	ND	U
95-57-8	2-CHLOROPHENOL	10.	ND	U
541-73-1	1,3-DICHLOROBENZENE	10.	ND	U
106-46-7	1,4-DICHLOROBENZENE	10.	ND	U
100-51-6	BENZYL ALCOHOL	10.	ND	U
95-50-1	1,2-DICHLOROBENZENE	10.	ND	U
95-48-7	2-METHYLPHENOL	10.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	10.	ND	U
106-44-5	4-METHYLPHENOL	10.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10.	ND	U
67-72-1	HEXACHLOROETHANE	10.	ND	U
98-95-3	NITROBENZENE	10.	ND	U
78-59-1	ISOPHORONE	10.	ND	U
88-75-5	2-NITROPHENOL	10.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	10.	ND	U
65-85-0	BENZOIC ACID	50.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	10.	ND	U
120-83-2	2,4-DICHLOROPHENOL	10.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	10.	ND	U
91-20-3	NAPHTHALENE	10.	ND	U
106-47-8	4-CHLOROANILINE	10.	ND	U
87-68-3	HEXACHLOROBUTADIENE	10.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	10.	ND	U
91-57-6	2-METHYLNAPHTHALENE	10.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	10.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	10.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	50.	ND	U
91-58-7	2-CHLORONAPHTHALENE	10.	ND	U
88-74-4	2-NITROANILINE	50.	ND	U
131-11-3	DIMETHYLPHTHALATE	10.	ND	U
208-96-8	ACENAPHTHYLENE	10.	ND	U
99-09-2	3-NITROANILINE	50.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-14
Matrix : WATER
Date Sampled : 7/ 9/92
Date Extracted : 7/16/92
Amount Extracted : 1000.0 mL
Date Analyzed : 7/20/92
Instrument ID : F3

Anametrix ID : 9207119-07
Analyst : MCV
Supervisor : UN

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
83-32-9	ACENAPHTHENE	10.	ND	U
51-28-5	2,4-DINITROPHENOL	50.	ND	U
100-02-7	4-NITROPHENOL	50.	ND	U
132-64-9	DIBENZOFURAN	10.	ND	U
121-14-2	2,4-DINITROTOLUENE	10.	ND	U
606-20-2	2,6-DINITROTOLUENE	10.	ND	U
84-66-2	DIETHYLPHTHALATE	10.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	10.	ND	U
86-73-7	FLUORENE	10.	ND	U
100-01-6	4-NITROANILINE	50.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	50.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	10.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	10.	ND	U
118-74-1	HEXACHLOROBENZENE	10.	ND	U
87-86-5	PENTACHLOROPHENOL	50.	ND	U
85-01-8	PHENANTHRENE	10.	ND	U
120-12-7	ANTHRACENE	10.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	10.	ND	U
206-44-0	FLUORANTHENE	10.	ND	U
129-00-0	PYRENE	10.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	10.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	20.	ND	U
56-55-3	BENZO(A)ANTHRACENE	10.	ND	U
218-01-9	CHRYSENE	10.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	10.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	10.	ND	U
205-99-2	BENZO(B)FLUORANTHENE	10.	ND	U
207-08-9	BENZO(K)FLUORANTHENE	10.	ND	U
50-32-8	BENZO(A)PYRENE	10.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	10.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	10.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	10.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	10.	ND	U
4165-61-1	ANILINE	10.	ND	U
103-33-3	AZOBENZENE	10.	ND	U
92-87-5	BENZIDINE	10.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-9
Matrix : WATER
Date Sampled : 7/ 9/92
Date Extracted : 7/16/92
Amount Extracted : 1000.0 mL
Date Analyzed : 7/20/92
Instrument ID : F3

Anametrix ID : 9207119-09
Analyst : Met
Supervisor : MH

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	10.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	10.	ND	U
95-57-8	2-CHLOROPHENOL	10.	ND	U
541-73-1	1,3-DICHLOROBENZENE	10.	ND	U
106-46-7	1,4-DICHLOROBENZENE	10.	ND	U
100-51-6	BENZYL ALCOHOL	10.	ND	U
95-50-1	1,2-DICHLOROBENZENE	10.	ND	U
95-48-7	2-METHYLPHENOL	10.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	10.	ND	U
106-44-5	4-METHYLPHENOL	10.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10.	ND	U
67-72-1	HEXACHLOROETHANE	10.	ND	U
98-95-3	NITROBENZENE	10.	ND	U
78-59-1	ISOPHORONE	10.	ND	U
88-75-5	2-NITROPHENOL	10.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	10.	ND	U
65-85-0	BENZOIC ACID	50.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	10.	ND	U
120-83-2	2,4-DICHLOROPHENOL	10.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	10.	ND	U
91-20-3	NAPHTHALENE	10.	ND	U
106-47-8	4-CHLOROANILINE	10.	ND	U
87-68-3	HEXACHLOROBUTADIENE	10.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	10.	ND	U
91-57-6	2-METHYLNAPHTHALENE	10.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	10.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	10.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	50.	ND	U
91-58-7	2-CHLORONAPHTHALENE	10.	ND	U
88-74-4	2-NITROANILINE	50.	ND	U
131-11-3	DIMETHYLPHTHALATE	10.	ND	U
208-96-8	ACENAPHTHYLENE	10.	ND	U
99-09-2	3-NITROANILINE	50.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-9
Matrix : WATER
Date Sampled : 7/ 9/92
Date Extracted : 7/16/92
Amount Extracted : 1000.0 mL
Date Analyzed : 7/20/92
Instrument ID : F3

Anametrix ID : 9207119-09
Analyst : MCT
Supervisor : YM

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
83-32-9	ACENAPHTHENE	10.	ND	U
51-28-5	2,4-DINITROPHENOL	50.	ND	U
100-02-7	4-NITROPHENOL	50.	ND	U
132-64-9	DIBENZOFURAN	10.	ND	U
121-14-2	2,4-DINITROTOLUENE	10.	ND	U
606-20-2	2,6-DINITROTOLUENE	10.	ND	U
84-66-2	DIETHYLPHTHALATE	10.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	10.	ND	U
86-73-7	FLUORENE	10.	ND	U
100-01-6	4-NITROANILINE	50.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	50.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	10.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	10.	ND	U
118-74-1	HEXACHLOROBENZENE	10.	ND	U
87-86-5	PENTACHLOROPHENOL	50.	ND	U
85-01-8	PHENANTHRENE	10.	ND	U
120-12-7	ANTHRACENE	10.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	10.	ND	U
206-44-0	FLUORANTHENE	10.	ND	U
129-00-0	PYRENE	10.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	10.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	20.	ND	U
56-55-3	BENZO(A)ANTHRACENE	10.	ND	U
218-01-9	CHRYSENE	10.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	10.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	10.	ND	U
205-99-2	BENZO(B)FLUORANTHENE	10.	ND	U
207-08-9	BENZO(K)FLUORANTHENE	10.	ND	U
50-32-8	BENZO(A)PYRENE	10.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	10.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	10.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	10.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	10.	ND	U
4165-61-1	ANILINE	10.	ND	U
103-33-3	AZOBENZENE	10.	ND	U
92-87-5	BENZIDINE	10.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-4
[redacted]atrix : WATER
[redacted]ate Sampled : 7/ 9/92
Date Extracted : 7/16/92
Amount Extracted : 1000.0 mL
[redacted]ate Analyzed : 7/20/92
[redacted]nstrument ID : F3

Anametrix ID : 9207119-10
Analyst : MCT
Supervisor : [redacted]

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	10.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	10.	ND	U
95-57-8	2-CHLOROPHENOL	10.	ND	U
541-73-1	1,3-DICHLOROBENZENE	10.	ND	U
106-46-7	1,4-DICHLOROBENZENE	10.	ND	U
100-51-6	BENZYL ALCOHOL	10.	ND	U
95-50-1	1,2-DICHLOROBENZENE	10.	ND	U
95-48-7	2-METHYLPHENOL	10.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	10.	ND	U
106-44-5	4-METHYLPHENOL	10.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10.	ND	U
67-72-1	HEXACHLOROETHANE	10.	ND	U
98-95-3	NITROBENZENE	10.	ND	U
78-59-1	ISOPHORONE	10.	ND	U
88-75-5	2-NITROPHENOL	10.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	10.	ND	U
65-85-0	BENZOIC ACID	50.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	10.	ND	U
120-83-2	2,4-DICHLOROPHENOL	10.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	10.	ND	U
91-20-3	NAPHTHALENE	10.	ND	U
106-47-8	4-CHLOROANILINE	10.	ND	U
87-68-3	HEXACHLOROBUTADIENE	10.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	10.	ND	U
91-57-6	2-METHYLNAPHTHALENE	10.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	10.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	10.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	50.	ND	U
91-58-7	2-CHLORONAPHTHALENE	10.	ND	U
88-74-4	2-NITROANILINE	50.	ND	U
131-11-3	DIMETHYLPHTHALATE	10.	ND	U
208-96-8	ACENAPHTHYLENE	10.	ND	U
99-09-2	3-NITROANILINE	50.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID	: 1563.06	Anametrix ID	: 9207119-10
Sample ID	: LF-4	Analyst	: MCT
Matrix	: WATER	Supervisor	:
Date Sampled	: 7/ 9/92		
Date Extracted	: 7/16/92		
Amount Extracted	: 1000.0 mL		
Date Analyzed	: 7/20/92	Dilution Factor	: 1.0
Instrument ID	: F3	Conc. Units	: ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q.
83-32-9	ACENAPHTHENE	10.	ND	U
51-28-5	2,4-DINITROPHENOL	50.	ND	U
100-02-7	4-NITROPHENOL	50.	ND	U
132-64-9	DIBENZOFURAN	10.	ND	U
121-14-2	2,4-DINITROTOLUENE	10.	ND	U
606-20-2	2,6-DINITROTOLUENE	10.	ND	U
84-66-2	DIETHYLPHTHALATE	10.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	10.	ND	U
86-73-7	FLUORENE	10.	ND	U
100-01-6	4-NITROANILINE	50.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	50.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	10.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	10.	ND	U
118-74-1	HEXACHLOROBENZENE	10.	ND	U
87-86-5	PENTACHLOROPHENOL	50.	ND	U
85-01-8	PHENANTHRENE	10.	ND	U
120-12-7	ANTHRACENE	10.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	10.	ND	U
206-44-0	FLUORANTHENE	10.	ND	U
129-00-0	PYRENE	10.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	10.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	20.	ND	U
56-55-3	BENZO(A)ANTHRACENE	10.	ND	U
218-01-9	CHRYSENE	10.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	10.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	10.	ND	U
205-99-2	BENZO(B)FLUORANTHENE	10.	ND	U
207-08-9	BENZO(K)FLUORANTHENE	10.	ND	U
50-32-8	BENZO(A)PYRENE	10.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	10.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	10.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	10.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	10.	ND	U
4165-61-1	ANILINE	10.	ND	U
103-33-3	AZOBENZENE	10.	ND	U
92-87-5	BENZIDINE	10.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-5
Matrix : WATER
Date Sampled : 7/ 9/92
Date Extracted : 7/16/92
Amount Extracted : 1000.0 mL
Date Analyzed : 7/22/92
Instrument ID : F3

Anametrix ID : 9207119-11
Analyst : MCT
Supervisor : YH

Dilution Factor : 2.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	20.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	20.	ND	U
95-57-8	2-CHLOROPHENOL	20.	ND	U
541-73-1	1,3-DICHLOROBENZENE	20.	ND	U
106-46-7	1,4-DICHLOROBENZENE	20.	ND	U
100-51-6	BENZYL ALCOHOL	20.	ND	U
95-50-1	1,2-DICHLOROBENZENE	20.	ND	U
95-48-7	2-METHYLPHENOL	20.	140.	
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	20.	ND	U
106-44-5	4-METHYLPHENOL	20.	190.	
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	20.	ND	U
67-72-1	HEXACHLOROETHANE	20.	ND	U
98-95-3	NITROBENZENE	20.	ND	U
78-59-1	ISOPHORONE	20.	ND	U
88-75-5	2-NITROPHENOL	20.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	20.	ND	U
65-85-0	BENZOIC ACID	100.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	20.	ND	U
120-83-2	2,4-DICHLOROPHENOL	20.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	20.	ND	U
91-20-3	NAPHTHALENE	20.	ND	U
106-47-8	4-CHLOROANILINE	20.	ND	U
87-68-3	HEXACHLOROBUTADIENE	20.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	20.	ND	U
91-57-6	2-METHYLNAPHTHALENE	20.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	20.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	20.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	100.	ND	U
91-58-7	2-CHLORONAPHTHALENE	20.	ND	U
88-74-4	2-NITROANILINE	100.	ND	U
131-11-3	DIMETHYLPHTHALATE	20.	ND	U
208-96-8	ACENAPHTHYLENE	20.	ND	U
99-09-2	3-NITROANILINE	100.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-5
Matrix : WATER
Date Sampled : 7/ 9/92
Date Extracted : 7/16/92
Amount Extracted : 1000.0 mL
Date Analyzed : 7/22/92
Instrument ID : F3

Anametrix ID : 9207119-11
Analyst : mer
Supervisor : MH

Dilution Factor : 2.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
83-32-9	ACENAPHTHENE	20.	ND	U
51-28-5	2,4-DINITROPHENOL	100.	ND	U
100-02-7	4-NITROPHENOL	100.	ND	U
132-64-9	DIBENZOFURAN	20.	ND	U
121-14-2	2,4-DINITROTOLUENE	20.	ND	U
606-20-2	2,6-DINITROTOLUENE	20.	ND	U
84-66-2	DIETHYLPHTHALATE	20.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	20.	ND	U
86-73-7	FLUORENE	20.	ND	U
100-01-6	4-NITROANILINE	100.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	100.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	20.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	20.	ND	U
118-74-1	HEXACHLOROBENZENE	20.	ND	U
87-86-5	PENTACHLOROPHENOL	100.	ND	U
85-01-8	PHENANTHRENE	20.	ND	U
120-12-7	ANTHRACENE	20.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	20.	ND	U
206-44-0	FLUORANTHENE	20.	ND	U
129-00-0	PYRENE	20.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	20.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	40.	ND	U
56-55-3	BENZO(A)ANTHRACENE	20.	ND	U
218-01-9	CHRYSENE	20.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	20.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	20.	ND	U
205-99-2	BENZO(B)FLUOROANTHENE	20.	ND	U
207-08-9	BENZO(K)FLUOROANTHENE	20.	ND	U
50-32-8	BENZO(A)PYRENE	20.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	20.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	20.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	20.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	20.	ND	U
4165-61-1	ANILINE	20.	ND	U
103-33-3	AZOBENZENE	20.	ND	U
92-87-5	BENZIDINE	20.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-10
Matrix : WATER
Date Sampled : 7/ 9/92
Date Extracted : 7/16/92
Amount Extracted : 1000.0 mL
Date Analyzed : 7/22/92
Instrument ID : F3

Anametrix ID : 9207119-12
Analyst : MCT
Supervisor : UM

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	10.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	10.	ND	U
95-57-8	2-CHLOROPHENOL	10.	ND	U
541-73-1	1,3-DICHLOROBENZENE	10.	ND	U
106-46-7	1,4-DICHLOROBENZENE	10.	ND	U
100-51-6	BENZYL ALCOHOL	10.	ND	U
95-50-1	1,2-DICHLOROBENZENE	10.	ND	U
95-48-7	2-METHYLPHENOL	10.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	10.	ND	U
106-44-5	4-METHYLPHENOL	10.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10.	ND	U
67-72-1	HEXACHLOROETHANE	10.	ND	U
98-95-3	NITROBENZENE	10.	ND	U
78-59-1	ISOPHORONE	10.	ND	U
88-75-5	2-NITROPHENOL	10.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	10.	ND	U
65-85-0	BENZOIC ACID	50.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	10.	ND	U
120-83-2	2,4-DICHLOROPHENOL	10.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	10.	ND	U
91-20-3	NAPHTHALENE	10.	ND	U
106-47-8	4-CHLOROANILINE	10.	ND	U
87-68-3	HEXACHLOROBUTADIENE	10.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	10.	ND	U
91-57-6	2-METHYLNAPHTHALENE	10.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	10.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	10.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	50.	ND	U
91-58-7	2-CHLORONAPHTHALENE	10.	ND	U
88-74-4	2-NITROANILINE	50.	ND	U
131-11-3	DIMETHYLPHTHALATE	10.	ND	U
208-96-8	ACENAPHTHYLENE	10.	ND	U
99-09-2	3-NITROANILINE	50.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-10
Matrix : WATER
Date Sampled : 7/ 9/92
Date Extracted : 7/16/92
Amount Extracted : 1000.0 mL
Date Analyzed : 7/22/92
Instrument ID : F3

Anametrix ID : 9207119-12
Analyst : MC
Supervisor : UM

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
83-32-9	ACENAPHTHENE	10.	ND	U
51-28-5	2,4-DINITROPHENOL	50.	ND	U
100-02-7	4-NITROPHENOL	50.	ND	U
132-64-9	DIBENZOFURAN	10.	ND	U
121-14-2	2,4-DINITROTOLUENE	10.	ND	U
606-20-2	2,6-DINITROTOLUENE	10.	ND	U
84-66-2	DIETHYLPHTHALATE	10.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	10.	ND	U
86-73-7	FLUORENE	10.	ND	U
100-01-6	4-NITROANILINE	50.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	50.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	10.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	10.	ND	U
118-74-1	HEXACHLOROBENZENE	10.	ND	U
87-86-5	PENTACHLOROPHENOL	50.	ND	U
85-01-8	PHENANTHRENE	10.	ND	U
120-12-7	ANTHRACENE	10.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	10.	ND	U
206-44-0	FLUORANTHENE	10.	ND	U
129-00-0	PYRENE	10.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	10.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	20.	ND	U
56-55-3	BENZO(A)ANTHRACENE	10.	ND	U
218-01-9	CHRYSENE	10.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	10.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	10.	ND	U
205-99-2	BENZO(B)FLUOROANTHENE	10.	ND	U
207-08-9	BENZO(K)FLUOROANTHENE	10.	ND	U
50-32-8	BENZO(A)PYRENE	10.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	10.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	10.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	10.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	10.	ND	U
4165-61-1	ANILINE	10.	ND	U
103-33-3	AZOBENZENE	10.	ND	U
92-87-5	BENZIDINE	10.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-3
Matrix : WATER
Date Sampled : 7/ 9/92
Date Extracted : 7/16/92
Amount Extracted : 1000.0 mL
Date Analyzed : 7/22/92
Instrument ID : F3

Anametrix ID : 9207119-13
Analyst : MCJ
Supervisor : UM

Dilution Factor : 10.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	100.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	100.	ND	U
95-57-8	2-CHLOROPHENOL	100.	ND	U
541-73-1	1,3-DICHLOROBENZENE	100.	ND	U
106-46-7	1,4-DICHLOROBENZENE	100.	ND	U
100-51-6	BENZYL ALCOHOL	100.	ND	U
95-50-1	1,2-DICHLOROBENZENE	100.	ND	U
95-48-7	2-METHYLPHENOL	100.	150.	
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	100.	ND	U
106-44-5	4-METHYLPHENOL	100.	530.	
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	100.	ND	U
67-72-1	HEXACHLOROETHANE	100.	ND	U
98-95-3	NITROBENZENE	100.	ND	U
78-59-1	ISOPHORONE	100.	ND	U
88-75-5	2-NITROPHENOL	100.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	100.	ND	U
65-85-0	BENZOIC ACID	500.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	100.	ND	U
120-83-2	2,4-DICHLOROPHENOL	100.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	100.	ND	U
91-20-3	NAPHTHALENE	100.	150.	
106-47-8	4-CHLOROANILINE	100.	ND	U
87-68-3	HEXACHLOROBUTADIENE	100.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	100.	ND	U
91-57-6	2-METHYLNAPHTHALENE	100.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	100.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	100.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	500.	ND	U
91-58-7	2-CHLORONAPHTHALENE	100.	ND	U
88-74-4	2-NITROANILINE	500.	ND	U
131-11-3	DIMETHYLPHTHALATE	100.	ND	U
208-96-8	ACENAPHTHYLENE	100.	ND	U
99-09-2	3-NITROANILINE	500.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID	: 1563.06	Anametrix ID	: 9207119-13
Sample ID	: LF-3	Analyst	: MCT
Matrix	: WATER	Supervisor	:
Date Sampled	: 7/ 9/92		
Date Extracted	: 7/16/92		
Amount Extracted	: 1000.0 mL		
Date Analyzed	: 7/22/92	Dilution Factor	: 10.0
Instrument ID	: F3	Conc. Units	: ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
83-32-9	ACENAPHTHENE	100.	ND	U
51-28-5	2,4-DINITROPHENOL	500.	ND	U
100-02-7	4-NITROPHENOL	500.	ND	U
132-64-9	DIBENZOFURAN	100.	ND	U
121-14-2	2,4-DINITROTOLUENE	100.	ND	U
606-20-2	2,6-DINITROTOLUENE	100.	ND	U
84-66-2	DIETHYLPHTHALATE	100.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	100.	ND	U
86-73-7	FLUORENE	100.	ND	U
100-01-6	4-NITROANILINE	500.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	500.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	100.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	100.	ND	U
118-74-1	HEXACHLOROBENZENE	100.	ND	U
87-86-5	PENTACHLOROPHENOL	500.	ND	U
85-01-8	PHENANTHRENE	100.	ND	U
120-12-7	ANTHRACENE	100.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	100.	ND	U
206-44-0	FLUORANTHENE	100.	ND	U
129-00-0	PYRENE	100.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	100.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	200.	ND	U
56-55-3	BENZO(A)ANTHRACENE	100.	ND	U
218-01-9	CHRYSENE	100.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	100.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	100.	ND	U
205-99-2	BENZO(B)FLUORANTHENE	100.	ND	U
207-08-9	BENZO(K)FLUORANTHENE	100.	ND	U
50-32-8	BENZO(A)PYRENE	100.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	100.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	100.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	100.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	100.	ND	U
4165-61-1	ANILINE	100.	ND	U
103-33-3	AZOBENZENE	100.	ND	U
92-87-5	BENZIDINE	100.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-3-DUP
Matrix : WATER
Date Sampled : 7/ 9/92
Date Extracted : 7/16/92
Amount Extracted : 1000.0 mL
Date Analyzed : 7/22/92
Instrument ID : F3

Anametrix ID : 9207119-14
Analyst : MCT
Supervisor : [illegible]

Dilution Factor : 10.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	100.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	100.	ND	U
95-57-8	2-CHLOROPHENOL	100.	ND	U
541-73-1	1,3-DICHLOROBENZENE	100.	ND	U
106-46-7	1,4-DICHLOROBENZENE	100.	ND	U
100-51-6	BENZYL ALCOHOL	100.	ND	U
95-50-1	1,2-DICHLOROBENZENE	100.	ND	U
95-48-7	2-METHYLPHENOL	100.	120.	
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	100.	ND	U
106-44-5	4-METHYLPHENOL	100.	410.	
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	100.	ND	U
67-72-1	HEXACHLOROETHANE	100.	ND	U
98-95-3	NITROBENZENE	100.	ND	U
78-59-1	ISOPHORONE	100.	ND	U
88-75-5	2-NITROPHENOL	100.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	100.	130.	
65-85-0	BENZOIC ACID	500.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	100.	ND	U
120-83-2	2,4-DICHLOROPHENOL	100.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	100.	ND	U
91-20-3	NAPHTHALENE	100.	140.	
106-47-8	4-CHLOROANILINE	100.	ND	U
87-68-3	HEXACHLOROBUTADIENE	100.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	100.	ND	U
91-57-6	2-METHYLNAPHTHALENE	100.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	100.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	100.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	500.	ND	U
91-58-7	2-CHLORONAPHTHALENE	100.	ND	U
88-74-4	2-NITROANILINE	500.	ND	U
131-11-3	DIMETHYLPHTHALATE	100.	ND	U
208-96-8	ACENAPHTHYLENE	100.	ND	U
99-09-2	3-NITROANILINE	500.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-3-DUP
Matrix : WATER
Date Sampled : 7/ 9/92
Date Extracted : 7/16/92
Amount Extracted : 1000.0 mL
Date Analyzed : 7/22/92
Instrument ID : F3

Anametrix ID : 9207119-14
Analyst : MCT
Supervisor : WH

Dilution Factor : 10.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
83-32-9	ACENAPHTHENE	100.	ND	U
51-28-5	2,4-DINITROPHENOL	500.	ND	U
100-02-7	4-NITROPHENOL	500.	ND	U
132-64-9	DIBENZOFURAN	100.	ND	U
121-14-2	2,4-DINITROTOLUENE	100.	ND	U
606-20-2	2,6-DINITROTOLUENE	100.	ND	U
84-66-2	DIETHYLPHTHALATE	100.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	100.	ND	U
86-73-7	FLUORENE	100.	ND	U
100-01-6	4-NITROANILINE	500.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	500.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	100.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	100.	ND	U
118-74-1	HEXACHLOROBENZENE	100.	ND	U
87-86-5	PENTACHLOROPHENOL	500.	ND	U
85-01-8	PHENANTHRENE	100.	ND	U
120-12-7	ANTHRACENE	100.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	100.	ND	U
206-44-0	FLUORANTHENE	100.	ND	U
129-00-0	PYRENE	100.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	100.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	200.	ND	U
56-55-3	BENZO(A)ANTHRACENE	100.	ND	U
218-01-9	CHRYSENE	100.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	100.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	100.	ND	U
205-99-2	BENZO(B)FLUORANTHENE	100.	ND	U
207-08-9	BENZO(K)FLUORANTHENE	100.	ND	U
50-32-8	BENZO(A)PYRENE	100.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	100.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	100.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	100.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	100.	ND	U
4165-61-1	ANILINE	100.	ND	U
103-33-3	AZOBENZENE	100.	ND	U
92-87-5	BENZIDINE	100.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-1
Matrix : WATER
Date Sampled : 7/ 9/92
Date Extracted : 7/16/92
Amount Extracted : 1000.0 mL
Date Analyzed : 7/22/92
Instrument ID : F3

Anametrix ID : 9207119-16
Analyst : MCT
Supervisor : UH

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	10.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	10.	ND	U
95-57-8	2-CHLOROPHENOL	10.	ND	U
541-73-1	1,3-DICHLOROBENZENE	10.	ND	U
106-46-7	1,4-DICHLOROBENZENE	10.	ND	U
100-51-6	BENZYL ALCOHOL	10.	ND	U
95-50-1	1,2-DICHLOROBENZENE	10.	ND	U
95-48-7	2-METHYLPHENOL	10.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	10.	ND	U
106-44-5	4-METHYLPHENOL	10.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10.	ND	U
67-72-1	HEXACHLOROETHANE	10.	ND	U
98-95-3	NITROBENZENE	10.	ND	U
78-59-1	ISOPHORONE	10.	ND	U
88-75-5	2-NITROPHENOL	10.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	10.	ND	U
65-85-0	BENZOIC ACID	50.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	10.	ND	U
120-83-2	2,4-DICHLOROPHENOL	10.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	10.	ND	U
91-20-3	NAPHTHALENE	10.	ND	U
106-47-8	4-CHLOROANILINE	10.	ND	U
87-68-3	HEXACHLOROBUTADIENE	10.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	10.	ND	U
91-57-6	2-METHYLNAPHTHALENE	10.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	10.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	10.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	50.	ND	U
91-58-7	2-CHLORONAPHTHALENE	10.	ND	U
88-74-4	2-NITROANILINE	50.	ND	U
131-11-3	DIMETHYLPHTHALATE	10.	ND	U
208-96-8	ACENAPHTHYLENE	10.	ND	U
99-09-2	3-NITROANILINE	50.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-1
Matrix : WATER
Date Sampled : 7/ 9/92
Date Extracted : 7/16/92
Amount Extracted : 1000.0 mL
Date Analyzed : 7/22/92
Instrument ID : F3

Anametrix ID : 9207119-16
Analyst : MCT
Supervisor : MH

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
83-32-9	ACENAPHTHENE	10.	ND	U
51-28-5	2,4-DINITROPHENOL	50.	ND	U
100-02-7	4-NITROPHENOL	50.	ND	U
132-64-9	DIBENZOFURAN	10.	ND	U
121-14-2	2,4-DINITROTOLUENE	10.	ND	U
606-20-2	2,6-DINITROTOLUENE	10.	ND	U
84-66-2	DIETHYLPHTHALATE	10.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	10.	ND	U
86-73-7	FLUORENE	10.	ND	U
100-01-6	4-NITROANILINE	50.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	50.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	10.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	10.	ND	U
118-74-1	HEXACHLOROBENZENE	10.	ND	U
87-86-5	PENTACHLOROPHENOL	50.	ND	U
85-01-8	PHENANTHRENE	10.	ND	U
120-12-7	ANTHRACENE	10.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	10.	ND	U
206-44-0	FLUORANTHENE	10.	ND	U
129-00-0	PYRENE	10.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	10.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	20.	ND	U
56-55-3	BENZO(A)ANTHRACENE	10.	ND	U
218-01-9	CHRYSENE	10.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	10.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	10.	ND	U
205-99-2	BENZO(B)FLUORANTHENE	10.	ND	U
207-08-9	BENZO(K)FLUORANTHENE	10.	ND	U
50-32-8	BENZO(A)PYRENE	10.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	10.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	10.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	10.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	10.	ND	U
4165-61-1	ANILINE	10.	ND	U
103-33-3	AZOBENZENE	10.	ND	U
92-87-5	BENZIDINE	10.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-1
Matrix : WATER
Date Sampled : 7/ 9/92
Date Extracted : 7/23/92
Amount Extracted : 1000.0 mL
Date Analyzed : 7/24/92
Instrument ID : F3

Anametrix ID : 9207119-16
Analyst : MCT
Supervisor : [illegible]

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	10.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	10.	ND	U
95-57-8	2-CHLOROPHENOL	10.	ND	U
541-73-1	1,3-DICHLOROBENZENE	10.	ND	U
106-46-7	1,4-DICHLOROBENZENE	10.	ND	U
100-51-6	BENZYL ALCOHOL	10.	ND	U
95-50-1	1,2-DICHLOROBENZENE	10.	ND	U
95-48-7	2-METHYLPHENOL	10.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	10.	ND	U
106-44-5	4-METHYLPHENOL	10.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10.	ND	U
67-72-1	HEXACHLOROETHANE	10.	ND	U
98-95-3	NITROBENZENE	10.	ND	U
78-59-1	ISOPHORONE	10.	ND	U
88-75-5	2-NITROPHENOL	10.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	10.	ND	U
65-85-0	BENZOIC ACID	50.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	10.	ND	U
120-83-2	2,4-DICHLOROPHENOL	10.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	10.	ND	U
91-20-3	NAPHTHALENE	10.	ND	U
106-47-8	4-CHLOROANILINE	10.	ND	U
87-68-3	HEXACHLOROBUTADIENE	10.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	10.	ND	U
91-57-6	2-METHYLNAPHTHALENE	10.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	10.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	10.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	50.	ND	U
91-58-7	2-CHLORONAPHTHALENE	10.	ND	U
88-74-4	2-NITROANILINE	50.	ND	U
131-11-3	DIMETHYLPHTHALATE	10.	ND	U
208-96-8	ACENAPHTHYLENE	10.	ND	U
99-09-2	3-NITROANILINE	50.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-1
Matrix : WATER
Date Sampled : 7/ 9/92
Date Extracted : 7/23/92
Amount Extracted : 1000.0 mL
Date Analyzed : 7/24/92
Instrument ID : F3

Anametrix ID : 9207119-16
Analyst : mcr
Supervisor : UM

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
83-32-9	ACENAPHTHENE	10.	ND	U
51-28-5	2,4-DINITROPHENOL	50.	ND	U
100-02-7	4-NITROPHENOL	50.	ND	U
132-64-9	DIBENZOFURAN	10.	ND	U
121-14-2	2,4-DINITROTOLUENE	10.	ND	U
606-20-2	2,6-DINITROTOLUENE	10.	ND	U
84-66-2	DIETHYLPHTHALATE	10.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	10.	ND	U
86-73-7	FLUORENE	10.	ND	U
100-01-6	4-NITROANILINE	50.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	50.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	10.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	10.	ND	U
118-74-1	HEXACHLOROBENZENE	10.	ND	U
87-86-5	PENTACHLOROPHENOL	50.	ND	U
85-01-8	PHENANTHRENE	10.	ND	U
120-12-7	ANTHRACENE	10.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	10.	ND	U
206-44-0	FLUORANTHENE	10.	ND	U
129-00-0	PYRENE	10.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	10.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	20.	ND	U
56-55-3	BENZO(A)ANTHRACENE	10.	ND	U
218-01-9	CHRYSENE	10.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	10.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	10.	ND	U
205-99-2	BENZO(B)FLUORANTHENE	10.	ND	U
207-08-9	BENZO(K)FLUORANTHENE	10.	ND	U
50-32-8	BENZO(A)PYRENE	10.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	10.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	10.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	10.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	10.	ND	U
4165-61-1	ANILINE	10.	ND	U
103-33-3	AZOBENZENE	10.	ND	U
92-87-5	BENZIDINE	10.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID	:	Anametrix ID	: BL2001B1
Sample ID	: BLANK	Analyst	: MCT
Matrix	: WATER	Supervisor	: LH
Date Sampled	: 0/ 0/ 0		
Date Extracted	: 7/16/92		
Amount Extracted	: 1000.0 mL		
Date Analyzed	: 7/20/92	Dilution Factor	: 1.0
Instrument ID	: F3	Conc. Units	: ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	10.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	10.	ND	U
95-57-8	2-CHLOROPHENOL	10.	ND	U
541-73-1	1,3-DICHLOROBENZENE	10.	ND	U
106-46-7	1,4-DICHLOROBENZENE	10.	ND	U
100-51-6	BENZYL ALCOHOL	10.	ND	U
95-50-1	1,2-DICHLOROBENZENE	10.	ND	U
95-48-7	2-METHYLPHENOL	10.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	10.	ND	U
106-44-5	4-METHYLPHENOL	10.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10.	ND	U
67-72-1	HEXACHLOROETHANE	10.	ND	U
98-95-3	NITROBENZENE	10.	ND	U
78-59-1	ISOPHORONE	10.	ND	U
88-75-5	2-NITROPHENOL	10.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	10.	ND	U
65-85-0	BENZOIC ACID	50.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	10.	ND	U
120-83-2	2,4-DICHLOROPHENOL	10.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	10.	ND	U
91-20-3	NAPHTHALENE	10.	ND	U
106-47-8	4-CHLOROANILINE	10.	ND	U
87-68-3	HEXACHLOROBUTADIENE	10.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	10.	ND	U
91-57-6	2-METHYLNAPHTHALENE	10.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	10.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	10.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	50.	ND	U
91-58-7	2-CHLORONAPHTHALENE	10.	ND	U
88-74-4	2-NITROANILINE	50.	ND	U
131-11-3	DIMETHYLPHTHALATE	10.	ND	U
208-96-8	ACENAPHTHYLENE	10.	ND	U
99-09-2	3-NITROANILINE	50.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID :
Sample ID : BLANK
Matrix : WATER
Date Sampled : 0/ 0/ 0
Date Extracted : 7/16/92
Amount Extracted : 1000.0 mL
Date Analyzed : 7/20/92
Instrument ID : F3

Anametrix ID : BL2001B1
Analyst : MCT
Supervisor : [illegible]

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
83-32-9	ACENAPHTHENE	10.	ND	U
51-28-5	2,4-DINITROPHENOL	50.	ND	U
100-02-7	4-NITROPHENOL	50.	ND	U
132-64-9	DIBENZOFURAN	10.	ND	U
121-14-2	2,4-DINITROTOLUENE	10.	ND	U
606-20-2	2,6-DINITROTOLUENE	10.	ND	U
84-66-2	DIETHYLPHTHALATE	10.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	10.	ND	U
86-73-7	FLUORENE	10.	ND	U
100-01-6	4-NITROANILINE	50.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	50.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	10.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	10.	ND	U
118-74-1	HEXACHLOROBENZENE	10.	ND	U
87-86-5	PENTACHLOROPHENOL	50.	ND	U
85-01-8	PHENANTHRENE	10.	ND	U
120-12-7	ANTHRACENE	10.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	10.	ND	U
206-44-0	FLUORANTHENE	10.	ND	U
129-00-0	PYRENE	10.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	10.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	20.	ND	U
56-55-3	BENZO(A)ANTHRACENE	10.	ND	U
218-01-9	CHRYSENE	10.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	10.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	10.	ND	U
205-99-2	BENZO(B)FLUORANTHENE	10.	ND	U
207-08-9	BENZO(K)FLUORANTHENE	10.	ND	U
50-32-8	BENZO(A)PYRENE	10.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	10.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	10.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	10.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	10.	ND	U
4165-61-1	ANILINE	10.	ND	U
103-33-3	AZOBENZENE	10.	ND	U
92-87-5	BENZIDINE	10.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID :
Sample ID : BLANK
Matrix : WATER
Date Sampled : 0/ 0/ 0
Date Extracted : 7/23/92
Amount Extracted : 1000.0 mL
Date Analyzed : 7/24/92
Instrument ID : F3

Anametrix ID : BL2401B1
Analyst : MCT
Supervisor : MH

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	10.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	10.	ND	U
95-57-8	2-CHLOROPHENOL	10.	ND	U
541-73-1	1,3-DICHLOROBENZENE	10.	ND	U
106-46-7	1,4-DICHLOROBENZENE	10.	ND	U
100-51-6	BENZYL ALCOHOL	10.	ND	U
95-50-1	1,2-DICHLOROBENZENE	10.	ND	U
95-48-7	2-METHYLPHENOL	10.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	10.	ND	U
106-44-5	4-METHYLPHENOL	10.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10.	ND	U
67-72-1	HEXACHLOROETHANE	10.	ND	U
98-95-3	NITROBENZENE	10.	ND	U
78-59-1	ISOPHORONE	10.	ND	U
88-75-5	2-NITROPHENOL	10.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	10.	ND	U
65-85-0	BENZOIC ACID	50.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	10.	ND	U
120-83-2	2,4-DICHLOROPHENOL	10.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	10.	ND	U
91-20-3	NAPHTHALENE	10.	ND	U
106-47-8	4-CHLOROANILINE	10.	ND	U
87-68-3	HEXACHLOROBUTADIENE	10.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	10.	ND	U
91-57-6	2-METHYLNAPHTHALENE	10.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	10.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	10.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	50.	ND	U
91-58-7	2-CHLORONAPHTHALENE	10.	ND	U
88-74-4	2-NITROANILINE	50.	ND	U
131-11-3	DIMETHYLPHTHALATE	10.	ND	U
208-96-8	ACENAPHTHYLENE	10.	ND	U
99-09-2	3-NITROANILINE	50.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID	:	Anametrix ID	: BL2401B1
Sample ID	: BLANK	Analyst	: MCT
Matrix	: WATER	Supervisor	: MH
Date Sampled	: 0/ 0/ 0		
Date Extracted	: 7/23/92		
Amount Extracted	: 1000.0 mL		
Date Analyzed	: 7/24/92	Dilution Factor	: 1.0
Instrument ID	: F3	Conc. Units	: ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
83-32-9	ACENAPHTHENE	10.	ND	U
51-28-5	2,4-DINITROPHENOL	50.	ND	U
100-02-7	4-NITROPHENOL	50.	ND	U
132-64-9	DIBENZOFURAN	10.	ND	U
121-14-2	2,4-DINITROTOLUENE	10.	ND	U
606-20-2	2,6-DINITROTOLUENE	10.	ND	U
84-66-2	DIETHYLPHTHALATE	10.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	10.	ND	U
86-73-7	FLUORENE	10.	ND	U
100-01-6	4-NITROANILINE	50.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	50.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	10.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	10.	ND	U
118-74-1	HEXACHLOROBENZENE	10.	ND	U
87-86-5	PENTACHLOROPHENOL	50.	ND	U
85-01-8	PHENANTHRENE	10.	ND	U
120-12-7	ANTHRACENE	10.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	10.	ND	U
206-44-0	FLUORANTHENE	10.	ND	U
129-00-0	PYRENE	10.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	10.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	20.	ND	U
56-55-3	BENZO(A)ANTHRACENE	10.	ND	U
218-01-9	CHRYSENE	10.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	10.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	10.	ND	U
205-99-2	BENZO(B)FLUORANTHENE	10.	ND	U
207-08-9	BENZO(K)FLUORANTHENE	10.	ND	U
50-32-8	BENZO(A)PYRENE	10.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	10.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	10.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	10.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	10.	ND	U
4165-61-1	ANILINE	10.	ND	U
103-33-3	AZOBENZENE	10.	ND	U
92-87-5	BENZIDINE	10.	ND	U

SURROGATE RECOVERY SUMMARY -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Matrix : LIQUID

Anametrix ID : 9207119
Analyst : MCT
Supervisor : CM

	SAMPLE ID	SU1	SU2	SU3	SU4	SU5	SU6
1	BLANK	40	27	48	49	73	54
2	LF-16	38	26	45	53	62	60
3	LF-7	45	33	55	60	69	62
4	LF-7-DUP	43	36	27 *	58	71	62
5	LF-8	48	34	52	57	72	65
6	LF-11	42	30	51	57	73	62
7	LF-14	48	32	55	63	75	67
8	LF-9	36	27	48	54	64	56
9	LF-4	38	26	15 *	56	67	62
10	LF-10	38	26	50	65	101	63
11	LF-3-DUP	46	30	53	79	109	70
12	LF-1	1 *	0 *	38	60	0 *	61
13	LF-5	36	26	33 *	80	71	72
14	LF-3	43	34	53	83	89	72
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

	QC LIMITS
SU1 = 2-FLUOROPHENOL	(21-100)
SU2 = PHENOL-D5	(10- 94)
SU3 = NITROBENZENE-D5	(35-114)
SU4 = 2-FLUOROBIPHENYL	(43-116)
SU5 = 2,4,6-TRIBROMOPHENOL	(10-123)
SU6 = TERPHENYL-D14	(33-141)

* Values outside of Anametrix QC limits

SURROGATE RECOVERY SUMMARY -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Matrix : LIQUID

Anametrix ID : 9207119
Analyst : MCT
Supervisor : [illegible]

	SAMPLE ID	SU1	SU2	SU3	SU4	SU5	SU6
1	BLANK	39	26	58	59	68	65
2	LF-1	35	24	55	59	68	58
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

	QC LIMITS
SU1 = 2-FLUOROPHENOL	(21-100)
SU2 = PHENOL-D5	(10- 94)
SU3 = NITROBENZENE-D5	(35-114)
SU4 = 2-FLUOROBIPHENYL	(43-116)
SU5 = 2,4,6-TRIBROMOPHENOL	(10-123)
SU6 = TERPHENYL-D14	(33-141)

* Values outside of Anametrix QC limits

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MR. JOHN DeREAMER
LEVINE-FRICKE
1900 POWELL STREET 12TH FLOOR
EMERYVILLE, CA 94608

Workorder # : 9207119
Date Received : 07/10/92
Project ID : 1563.06
Purchase Order: N/A
Department : GC
Sub-Department: TPH

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9207119- 1	LF-16	WATER	07/09/92	TPHd
9207119- 3	LF-7	WATER	07/09/92	TPHd
9207119- 4	LF-7-DUP	WATER	07/09/92	TPHd
9207119- 5	LF-8	WATER	07/09/92	TPHd
9207119- 6	LF-11	WATER	07/09/92	TPHd
9207119- 7	LF-14	WATER	07/09/92	TPHd
9207119- 9	LF-9	WATER	07/09/92	TPHd
9207119-10	LF-4	WATER	07/09/92	TPHd
9207119-11	LF-5	WATER	07/09/92	TPHd
9207119-12	LF-10	WATER	07/09/92	TPHd
9207119-13	LF-3	WATER	07/09/92	TPHd
9207119-14	LF-3-DUP	WATER	07/09/92	TPHd
9207119-16	LF-1	WATER	07/09/92	TPHd
9207119- 1	LF-16	WATER	07/09/92	TPHg
9207119- 3	LF-7	WATER	07/09/92	TPHg
9207119- 4	LF-7-DUP	WATER	07/09/92	TPHg
9207119- 5	LF-8	WATER	07/09/92	TPHg
9207119- 6	LF-11	WATER	07/09/92	TPHg
9207119- 7	LF-14	WATER	07/09/92	TPHg
9207119- 9	LF-9	WATER	07/09/92	TPHg
9207119-10	LF-4	WATER	07/09/92	TPHg
9207119-11	LF-5	WATER	07/09/92	TPHg

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MR. JOHN DeREAMER
LEVINE-FRICKE
1900 POWELL STREET 12TH FLOOR
EMERYVILLE, CA 94608

Workorder # : 9207119
Date Received : 07/10/92
Project ID : 1563.06
Purchase Order: N/A
Department : GC
Sub-Department: TPH

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9207119-12	LF-10	WATER	07/09/92	TPHg
9207119-13	LF-3	WATER	07/09/92	TPHg
9207119-14	LF-3-DUP	WATER	07/09/92	TPHg
9207119-16	LF-1	WATER	07/09/92	TPHg

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MR. JOHN DeREAMER
LEVINE-FRICKE
1900 POWELL STREET 12TH FLOOR
EMERYVILLE, CA 94608

Workorder # : 9207119
Date Received : 07/10/92
Project ID : 1563.06
Purchase Order: N/A
Department : GC
Sub-Department: TPH

QA/QC SUMMARY :

- The concentrations reported as diesel for samples LF-9, LF-4, LF-5, LF-10, LF-3, and LF-3DUP are primarily due to the presence of a lighter petroleum product, possibly gasoline.
- The concentration reported as gasoline for sample LF-5 is primarily due to the presence of a discrete hydrocarbon peak not indicative of gasoline.

Cheryl Bateman 7/27/92
Department Supervisor Date

Lucia Shor 7/27/92
Chemist Date

ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS
(GASOLINE WITH BTEX)
ANAMETRIX, INC. - (408) 432-8192

Anametrix W.O.: 9207119
Matrix : WATER
Date Sampled : 07/09/92

Project Number : 1563.06
Date Released : 07/27/92

COMPOUNDS	Reporting Limit (ug/L)	Sample I.D.# LF-16 -01	Sample I.D.# LF-7 -03	Sample I.D.# LF-7-DUP -04	Sample I.D.# LF-8 -05	Sample I.D.# LF-11 -06
TPH as Gasoline	50	ND	140	130	ND	ND
% Surrogate Recovery		100%	107%	97%	101%	68%
Instrument I.D.		HP4	HP4	HP4	HP4	HP4
Date Analyzed		07/17/92	07/17/92	07/17/92	07/17/92	07/17/92
RLMF		1	1	1	1	1

ND - Not detected at or above the practical quantitation limit for the method.
TPHg - Total Petroleum Hydrocarbons as gasoline is determined by GCFID using modified EPA Method 8015 following sample purge and trap by EPA Method 5030.
RLMF - Reporting Limit Multiplication Factor.

Anametrix control limits for surrogate p-Bromofluorobenzene recovery are 53-147%.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

July, 28TH 1992
Analyst Date

7/30/92
Supervisor Date

ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS
(GASOLINE WITH BTEX)
ANAMETRIX, INC. - (408) 432-8192

Anametrix W.O.: 9207119
Matrix : WATER
Date Sampled : 07/09/92

Project Number : 1563.06
Date Released : 07/27/92

	Reporting Limit	Sample I.D.# LF-14	Sample I.D.# LF-9	Sample I.D.# LF-4	Sample I.D.# LF-5	Sample I.D.# LF-10
COMPOUNDS	(ug/L)	-07	-09	-10	-11	-12
TPH as Gasoline	50	ND	620	14000	69000	700
% Surrogate Recovery		94%	115%	105%	80%	106%
Instrument I.D.		HP4	HP4	HP4	HP4	HP4
Date Analyzed		07/17/92	07/17/92	07/18/92	07/22/92	07/22/92
RLMF		1	1	50	1000	10

ND - Not detected at or above the practical quantitation limit for the method.
TPHg - Total Petroleum Hydrocarbons as gasoline is determined by GCFID using modified EPA Method 8015 following sample purge and trap by EPA Method 5030.
RLMF - Reporting Limit Multiplication Factor.

Anametrix control limits for surrogate p-Bromofluorobenzene recovery are 53-147%.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

Analyst Date: JUL 7, 28 1992

Supervisor Date: 7/28/92

ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS
(GASOLINE WITH BTEX)
ANAMETRIX, INC. - (408) 432-8192

Anametrix W.O.: 9207119
Matrix : WATER
Date Sampled : 07/09/92

Project Number : 1563.06
Date Released : 07/27/92

COMPOUNDS	Reporting Limit (ug/L)	Sample I.D.# LF-3 -13	Sample I.D.# LF-3-DUP -14	Sample I.D.# LF-1 -16	Sample I.D.# BL1701E2 BLANK	Sample I.D.# BL2201E2 BLANK
TPH as Gasoline	50	190000	180000	ND	ND	ND
% Surrogate Recovery		110%	99%	103%	108%	105%
Instrument I.D.		HP4	HP4	HP4	HP4	HP4
Date Analyzed		07/23/92	07/23/92	07/23/92	07/17/92	07/22/92
RLMF		1000	1000	1	1	1

ND - Not detected at or above the practical quantitation limit for the method.
TPHg - Total Petroleum Hydrocarbons as gasoline is determined by GCFID using modified EPA Method 8015 following sample purge and trap by EPA Method 5030.
RLMF - Reporting Limit Multiplication Factor.

Anametrix control limits for surrogate p-Bromofluorobenzene recovery are 53-147%.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

July 28th 1992
Analyst Date

7/28/92
Supervisor Date

ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS
(GASOLINE WITH BTEX)
ANAMETRIX, INC. - (408) 432-8192

Anametrix W.O.: 9207119
Matrix : WATER
Date Sampled : N/A

Project Number : 1563.06
Date Released : 07/27/92

COMPOUNDS	Reporting Limit (ug/L)	Sample I.D.# BL2301E1 BLANK
TPH as Gasoline	50	ND
% Surrogate Recovery		105%
Instrument I.D.		HP4
Date Analyzed		07/23/92
RLMF		1

ND - Not detected at or above the practical quantitation limit for the method.
TPHg - Total Petroleum Hydrocarbons as gasoline is determined by GCFID using modified EPA Method 8015 following sample purge and trap by EPA Method 5030.
RLMF - Reporting Limit Multiplication Factor.

Anametrix control limits for surrogate p-Bromofluorobenzene recovery are 53-147%.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

July, 28th 1992
Analyst Date

Supervisor Date 7/28/92

ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS AS DIESEL
ANAMETRIX, INC. (408) 432-8192

Anametrix W.O.: 9207119
Matrix : WATER
Date Sampled : 07/09/92
Date Extracted: 07/15/92

Project Number : 1563.06
Date Released : 07/27/92
Instrument I.D.: HP23

Anametrix I.D.	Client I.D.	Date Analyzed	Reporting Limit (ug/L)	Amount Found (ug/L)
9207119-01	LF-16	07/18/92	50	75
9207119-03	LF-7	07/18/92	50	300
9207119-04	LF-7-DUP	07/18/92	50	480
9207119-05	LF-8	07/18/92	50	250
9207119-06	LF-11	07/18/92	50	260
9207119-07	LF-14	07/18/92	50	180
9207119-09	LF-9	07/18/92	50	300
9207119-10	LF-4	07/18/92	50	1200
9207119-11	LF-5	07/18/92	50	830
9207119-12	LF-10	07/18/92	50	420
9207119-13	LF-3	07/18/92	50	3000
9207119-14	LF-3-DUP	07/18/92	50	3300
9207119-16	LF-1	07/18/92	50	110
DWBL071592	METHOD BLANK	07/18/92	50	ND

Note : Reporting limit is obtained by multiplying the dilution factor times 50 ug/L.
ND - Not detected at or above the practical quantitation limit for the method.
TPHd - Total Petroleum Hydrocarbons as diesel is determined by GCFID following sample extraction by EPA Method 3510.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

Analyst 7/27/92 Date

Supervisor 7/28/92 Date

TOTAL EXTRACTABLE HYDROCARBON LABORATORY CONTROL SAMPLE
EPA METHOD 3510 WITH GC/FID
ANAMETRIX, INC. (408) 432-8192

Sample I.D. : METHOD SPIKE
Matrix : REAGENT WATER
Date Sampled : N/A
Date Extracted: 07/15/92
Date Analyzed : 07/18/92

Anametrix I.D. : LCS0715A
Analyst : IS
Supervisor : CS
Date Released : 07/27/92
Instrument I.D.: HP 23

COMPOUND	SPIKE AMT. (ug/L)	LCS (ug/L)	%REC	LCSD (ug/L)	%REC	RPD	%REC LIMITS
Diesel	1250	1300	104%	1300	104%	0%	36-150

* Limits established by Anametrix, Inc.

TOTAL VOLATILE HYDROCARBON MATRIX SPIKE REPORT
EPA METHOD 5030 WITH GC/FID
ANAMETRIX, INC. (408) 432-8192

Sample I.D. : 1563.06 LF-8
Matrix : WATER
Date Sampled : 07/09/92
Date Analyzed : 07/17/92

Anametrix I.D. : 9207119-05
Analyst : IS
Supervisor : [illegible]
Date Released : 07/27/92
Instrument ID : HP4

COMPOUND	SPIKE AMT. (ug/L)	MS (ug/L)	%REC MS	MD (ug/L)	%REC MD	RPD	%REC LIMITS
GASOLINE	500	430	86%	440	88%	2%	48-145

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MR. JOHN DeREAMER
LEVINE-FRICKE
1900 POWELL STREET 12TH FLOOR
EMERYVILLE, CA 94608

Workorder # : 9207119
Date Received : 07/10/92
Project ID : 1563.06
Purchase Order: N/A
Department : METALS
Sub-Department: METALS

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9207119- 1	LF-16	WATER	07/09/92	6010
9207119- 2	LF-7-TB	WATER	07/09/92	6010
9207119- 3	LF-7	WATER	07/09/92	6010
9207119- 4	LF-7-DUP	WATER	07/09/92	6010
9207119- 5	LF-8	WATER	07/09/92	6010
9207119- 6	LF-11	WATER	07/09/92	6010
9207119- 7	LF-14	WATER	07/09/92	6010
9207119- 9	LF-9	WATER	07/09/92	6010
9207119-10	LF-4	WATER	07/09/92	6010
9207119-11	LF-5	WATER	07/09/92	6010
9207119-12	LF-10	WATER	07/09/92	6010
9207119-13	LF-3	WATER	07/09/92	6010
9207119-14	LF-3-DUP	WATER	07/09/92	6010
9207119-15	LF-3-TB	WATER	07/09/92	6010
9207119-16	LF-1	WATER	07/09/92	6010
9207119- 1	LF-16	WATER	07/09/92	7060
9207119- 2	LF-7-TB	WATER	07/09/92	7060
9207119- 3	LF-7	WATER	07/09/92	7060
9207119- 4	LF-7-DUP	WATER	07/09/92	7060
9207119- 5	LF-8	WATER	07/09/92	7060
9207119- 6	LF-11	WATER	07/09/92	7060
9207119- 7	LF-14	WATER	07/09/92	7060

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MR. JOHN DeREAMER
LEVINE-FRICKE
1900 POWELL STREET 12TH FLOOR
EMERYVILLE, CA 94608

Workorder # : 9207119
Date Received : 07/10/92
Project ID : 1563.06
Purchase Order: N/A
Department : METALS
Sub-Department: METALS

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9207119- 9	LF-9	WATER	07/09/92	7060
9207119-10	LF-4	WATER	07/09/92	7060
9207119-11	LF-5	WATER	07/09/92	7060
9207119-12	LF-10	WATER	07/09/92	7060
9207119-13	LF-3	WATER	07/09/92	7060
9207119-14	LF-3-DUP	WATER	07/09/92	7060
9207119-15	LF-3-TB	WATER	07/09/92	7060
9207119-16	LF-1	WATER	07/09/92	7060
9207119- 1	LF-16	WATER	07/09/92	7470
9207119- 2	LF-7-TB	WATER	07/09/92	7470
9207119- 3	LF-7	WATER	07/09/92	7470
9207119- 4	LF-7-DUP	WATER	07/09/92	7470
9207119- 5	LF-8	WATER	07/09/92	7470
9207119- 6	LF-11	WATER	07/09/92	7470
9207119- 7	LF-14	WATER	07/09/92	7470
9207119- 9	LF-9	WATER	07/09/92	7470
9207119-10	LF-4	WATER	07/09/92	7470
9207119-11	LF-5	WATER	07/09/92	7470
9207119-12	LF-10	WATER	07/09/92	7470
9207119-13	LF-3	WATER	07/09/92	7470
9207119-14	LF-3-DUP	WATER	07/09/92	7470
9207119-15	LF-3-TB	WATER	07/09/92	7470

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MR. JOHN DeREAMER
LEVINE-FRICKE
1900 POWELL STREET 12TH FLOOR
EMERYVILLE, CA 94608

Workorder # : 9207119
Date Received : 07/10/92
Project ID : 1563.06
Purchase Order: N/A
Department : METALS
Sub-Department: METALS

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9207119-16	LF-1	WATER	07/09/92	7470
9207119- 1	LF-16	WATER	07/09/92	7740
9207119- 2	LF-7-TB	WATER	07/09/92	7740
9207119- 3	LF-7	WATER	07/09/92	7740
9207119- 4	LF-7-DUP	WATER	07/09/92	7740
9207119- 5	LF-8	WATER	07/09/92	7740
9207119- 6	LF-11	WATER	07/09/92	7740
9207119- 7	LF-14	WATER	07/09/92	7740
9207119- 9	LF-9	WATER	07/09/92	7740
9207119-10	LF-4	WATER	07/09/92	7740
9207119-11	LF-5	WATER	07/09/92	7740
9207119-12	LF-10	WATER	07/09/92	7740
9207119-13	LF-3	WATER	07/09/92	7740
9207119-14	LF-3-DUP	WATER	07/09/92	7740
9207119-15	LF-3-TB	WATER	07/09/92	7740
9207119-16	LF-1	WATER	07/09/92	7740

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MR. JOHN DeREAMER
LEVINE-FRICKE
1900 POWELL STREET 12TH FLOOR
EMERYVILLE, CA 94608

Workorder # : 9207119
Date Received : 07/10/92
Project ID : 1563.06
Purchase Order: N/A
Department : METALS
Sub-Department: METALS

QA/QC SUMMARY :

- Matrix and post digestion spike recoveries for sample LF-16 for selenium by EPA Method 7740 were outside of Anametrix control limits due to matrix effects.

Department Supervisor 7/28/92 Date

Chemist 7/28/92 Date

ANALYSIS DATA SHEET - INDIVIDUAL METALS
ANAMETRIX, INC. - (408) 432-8192

Anametrix W.O.: 9207119
Matrix : WATER
Date Sampled : 07/09/92
Project Number: 1563.06

Date Prepared : 07/20/92
Date Analyzed : 07/21/92
Date Released : 07/23/92
Instrument I.D.: HGA1/AA2/ICP1

ELEMENTS	EPA Method#	Reporting Limit (ug/L)	Sample I.D.# LF-16 -01	Sample I.D.# LF-7-TB -02	Sample I.D.# LF-7 -03	Sample I.D.# LF-7 -DUP -04	Sample I.D.# LF-8 -05
Arsenic (As)	7060	10.0	ND	ND	ND	ND	ND
Barium (Ba)	6010	100	ND	ND	ND	ND	ND
Cadmium (Cd)	6010	5.0	ND	ND	ND	ND	ND
Total Cr	6010	10.0	ND	ND	ND	ND	ND
Mercury (Hg)	7470	0.27	ND	ND	ND	ND	ND
Lead (Pb)	6010	40.0	ND	ND	ND	ND	ND
Selenium (Se)	7740	5.0	ND	ND	ND	ND	ND
Silicon (Si)	6010	60.0	14200	53.8	26200	26600	16100

ND : Not detected at or above the practical quantitation limit for the method.

All Metals by EPA Method 6010/7000, Test Method for Evaluating Solid Waste, SW-846 3rd Edition November 1986, and California Code of Regulations Title 22, or Method for Chemical Analysis of Water and Wastes, EPA, 3rd edition, 1983.

Supervisor 7/27/92 Date

Chemist 7/24/92 Date

ANALYSIS DATA SHEET - INDIVIDUAL METALS
ANAMETRIX, INC. - (408) 432-8192

Anametrix W.O.: 9207119
Matrix : WATER
Date Sampled : 07/09/92
Project Number: 1563.06

Date Prepared : 07/20/92
Date Analyzed : 07/21/92
Date Released : 07/23/92
Instrument I.D.: HGA1/AA2/ICP1

ELEMENTS	EPA Method#	Reporting Limit (ug/L)	Sample I.D.# LF-11 -06	Sample I.D.# LF-14 -07	Sample I.D.# LF-9 -09	Sample I.D.# LF-5 -11	Sample I.D.# LF-3 -TB -15
Arsenic (As)	7060	10.0	ND	39.0	ND	ND	ND
Barium (Ba)	6010	100	169	ND	ND	111	ND
Cadmium (Cd)	6010	5.0	ND	ND	ND	ND	ND
Total Cr	6010	10.0	ND	ND	ND	ND	ND
Mercury (Hg)	7470	0.27	ND	ND	ND	ND	ND
Lead (Pb)	6010	40.0	ND	ND	ND	ND	ND
Selenium (Se)	7740	5.0	ND	ND	ND	ND	ND
Silicon (Si)	6010	60.0	15100	17200	16000	18500	ND

ND : Not detected at or above the practical quantitation limit for the method.

All Metals by EPA Method 6010/7000, Test Method for Evaluating Solid Waste, SW-846 3rd Edition November 1986, and California Code of Regulations Title 22, or Method for Chemical Analysis of Water and Wastes, EPA, 3rd edition, 1983.

Supervisor 7/24/92 Date

Chemist 7/24/92 Date

ANALYSIS DATA SHEET - INDIVIDUAL METALS
ANAMETRIX, INC. - (408) 432-8192

Anametrix W.O.: 9207119
Matrix : WATER
Date Sampled : 07/09/92
Project Number: 1563.06

Date Prepared : 07/20/92
Date Analyzed : 07/21/92
Date Released : 07/23/92
Instrument I.D.: HGA1/AA2/ICP1

ELEMENTS	EPA Method#	Reporting Limit (ug/L)	Sample I.D.# LF-4 -10	Sample I.D.# LF-10 -12
Arsenic (As)	7060	50.0	367	328
Barium (Ba)	6010	100	119	ND
Cadmium (Cd)	6010	5.0	ND	ND
Total Cr	6010	10.0	ND	ND
Mercury (Hg)	7470	0.27	ND	ND
Lead (Pb)	6010	40.0	ND	ND
Selenium (Se)	7740	25.0	ND	ND
Silicon (Si)	6010	60.0	16200	17900

ND : Not detected at or above the practical quantitation limit for the method.

All Metals by EPA Method 6010/7000, Test Method for Evaluating Solid Waste, SW-846 3rd Edition November 1986, and California Code of Regulations Title 22, or Method for Chemical Analysis of Water and Wastes, EPA, 3rd edition, 1983.

Supervisor 7/27/92 Date

Chemist 7/27/92 Date

ANALYSIS DATA SHEET - INDIVIDUAL METALS
ANAMETRIX, INC. - (408) 432-8192

Anametrix W.O.: 9207119
Matrix : WATER
Date Sampled : 07/09/92
Project Number: 1563.06

Date Prepared : 07/20/92
Date Analyzed : 07/21/92
Date Released : 07/23/92
Instrument I.D.: HGA1/AA2/ICP1

ELEMENTS	EPA Method#	Reporting Limit (ug/L)	Sample I.D.# LF-3 -13	Sample I.D.# LF-1 -16
Arsenic (As)	7060	10000	70800	53200
Barium (Ba)	6010	100	473	ND
Cadmium (Cd)	6010	5.0	20.5	58.0
Total Cr	6010	10.0	ND	ND
Mercury (Hg)	7470	0.27	ND	ND
Lead (Pb)	6010	40.0	ND	ND
Selenium (Se)	7740	5.0	ND	ND
Silicon (Si)	6010	60.0	19800	14600

ND : Not detected at or above the practical quantitation limit for the method.

All Metals by EPA Method 6010/7000, Test Method for Evaluating Solid Waste, SW-846 3rd Edition November 1986, and California Code of Regulations Title 22, or Method for Chemical Analysis of Water and Wastes, EPA, 3rd edition, 1983.

Supervisor 7/27/92 Date

Chemist Mona Kamel 7/24/92 Date

ANALYSIS DATA SHEET - INDIVIDUAL METALS
ANAMETRIX, INC. - (408) 432-8192

Anametrix W.O.: 9207119
Matrix : WATER
Date Sampled : 07/09/92
Project Number: 1563.06

Date Prepared : 07/20/92
Date Analyzed : 07/21/92
Date Released : 07/23/92
Instrument I.D.: HGA1/AA2/ICP1

ELEMENTS	EPA Method#	Reporting Limit (ug/L)	Sample I.D.# LF-3 -DUP -14
Arsenic (As)	7060	10000	66600
Barium (Ba)	6010	100	452
Cadmium (Cd)	6010	5.0	36.1
Total Cr	6010	10.0	ND
Mercury (Hg)	7470	0.27	ND
Lead (Pb)	6010	40.0	ND
Selenium (Se)	7740	5.0	ND
Silicon (Si)	6010	60.0	19900

ND : Not detected at or above the practical quantitation limit for the method.

All Metals by EPA Method 6010/7000, Test Method for Evaluating Solid Waste, SW-846 3rd Edition November 1986, and California Code of Regulations Title 22, or Method for Chemical Analysis of Water and Wastes, EPA, 3rd edition, 1983.

Supervisor 7/27/92 Date

Chemist Mona Kamel 7/24/92 Date

ANALYSIS DATA SHEET - INDIVIDUAL METALS
ANAMETRIX, INC. - (408) 432-8192

Anametrix W.O.: 9207119
Matrix : WATER
Date Sampled : N/A
Project Number: 1563.06

Date Prepared : 07/20/92
Date Analyzed : 07/21/92
Date Released : 07/23/92
Instrument I.D.: HGA1/AA2/ICP1

ELEMENTS	EPA Method#	Reporting Limit (ug/L)	Sample I.D.# BLANK MB0720W
Arsenic (As)	7060	10.0	ND
Barium (Ba)	6010	100	ND
Cadmium (Cd)	6010	5.0	ND
Total Cr	6010	10.0	ND
Mercury (Hg)	7470	0.27	ND
Lead (Pb)	6010	40.0	ND
Selenium (Se)	7740	5.0	ND
Silicon (Si)	6010	60.0	ND

ND : Not detected at or above the practical quantitation limit for the method.

All Metals by EPA Method 6010/7000, Test Method for Evaluating Solid Waste, SW-846 3rd Edition November 1986, and California Code of Regulations Title 22, or Method for Chemical Analysis of Water and Wastes, EPA, 3rd edition, 1983.

Supervisor 7/27/92 Date

Chemist 7/24/92 Date

ANAMETRIX, INC.
1961 CONCOURSE DRIVE, SUITE E
SAN JOSE, CA 95131, (408) 432-8192

INDIVIDUAL METALS MATRIX SPIKE REPORT

Spike I.D. : 9207119-01MS,MD
Date Prepared: 07/20/92
Date Analyzed: 07/21/92
Assoc. WO # : 9207119

Inst. ID: HGA1/AA2/ICP1
Date : 07/23/92
Matrix : WATER
Units : ug/L

ELEMENTS	METHOD	SPIKE AMOUNT	SAMPLE CONC.*	M.S. CONC.	% REC.	M.S.D. CONC.	% REC.	R P D
As	7060	40.0	0.0	42.7	107	43.7	109	2.3
Ba	6010	2000	0.0	2230	112	2260	113	1.3
Cd	6010	50.0	0.0	51.3	103	52.6	105	2.5
TTl Cr	6010	200	0.0	200	100	202	101	1.0
Hg	7470	1.36	0.0	1.42	104	1.35	99.3	5.1
Pb	6010	500	0.0	521	104	536	107	2.8
Se	7740	10.0	0.0	5.7	57.0	5.5	55.0	3.6
Si	6010	5000	14200	18500	86.0	19000	96.0	11.0

COMMENT: Quality control limits for percent recovery are 75-125% and 25% for RPD.

* : Sample concentration of 0.0 indicates that the analyte in the sample was below detection limit for the method. 0.0 is entered for calculations of the percent recovery and RPD only.

NR : Not reported due to interferences from relatively high background levels in the unspiked sample.

Supervisor 7/27/92 Date

Chemist Jeannie Nguyen 7/27/92 Date

ANAMETRIX, INC.
1961 CONCOURSE DRIVE, SUITE E
SAN JOSE, CA 95131, (408) 432-8192

POST DIGESTION SPIKE REPORT

Spike I.D. : 9207119-01PDS
Date Prepared: 07/21/92
Date Analyzed: 07/21/92
Assoc. WO # : 9207119

Inst. ID: AA2
Date : 07/23/92
Matrix : WATER
Units : ug/L

ELEMENTS	METHOD	SPIKE AMOUNT	SAMPLE CONC.	P.D.S. CONC.	% REC.
Se	7740	10.0	0.0	7.3	73.0

COMMENT: Quality control limits for percent recovery are 85-115%.

Supervisor Date

Chemist Date

ANAMETRIX, INC.
1961 CONCOURSE DRIVE, SUITE E
SAN JOSE, CA 95131, (408) 432-8192

INDIVIDUAL METALS METHOD SPIKE REPORT

Spike I.D. : LCS0720W
Date Prepared: 07/20/92
Date Analyzed: 07/21/92
Assoc. WO # : 9207119

Inst. ID: HGA1/AA2/ICP1
Date : 07/23/92
Matrix : WATER
Units : ug/L

ELEMENTS	METHOD	SPIKE AMOUNT	METHOD SPIKE	% REC.
As	7060	40.0	45.3	113
Ba	6010	2000	2200	110
Cd	6010	50.0	52.5	105
TTl Cr	6010	200	204	102
Hg	7470	1.36	1.36	100
Pb	6010	500	535	107
Se	7740	10.0	10.2	102
Si	6010	5000	5020	100

COMMENT: Quality control limits for percent recovery are 80-120%.

Manny Nguyen 7/27/92
Supervisor Date

Mong Kamel 7/24/92
Chemist Date

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

Project No.: 1563.06	Field Logbook No.:	Date: 7/10/92	Serial No.: 9350
Project Name: SHERWIN-WILLIAMS	Project Location: EMERYVILLE, CA.		
Sampler (Signature):			Samplers: JCK SCH

	SAMPLES						ANALYSES									
	SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CONTAINERS	SAMPLE TYPE	EPA 601	EPA 624	METALS	8240	8270	TPH-G	TPH-D	HOLD	RUSH	REMARKS
(12)	LF-10		9:45	2	11	H_2O			1	3	2	3	2			METALS = As, Ba, Cd, TOTA Ce,
(13)	LF-3		10:15	3	11				1	3	2	3	2			Pb, Hg, Se, Si;
(14)	LF-3-DUP		11:15	4	11				1	3	2	3	2			TPHg 5030/8015
(15)	LF-3-TB		9:00	1	1				1							TPHd 3510/8015
(16)	LF-1		11:15	-	11				1	3	2	3	2			
																RESULTS TO JOHN DEREAMER
																METAL SAMPLE TO BE FILTERED AT LAB
																ANAMETRIX # 548

RELINQUISHED BY: (Signature)	DATE 7/10/92	TIME 16:32	RECEIVED BY: (Signature)	DATE 7/10/92	TIME 16:32
RELINQUISHED BY: (Signature)	DATE 7/10/92	TIME 18:35	RECEIVED BY: (Signature) Josephine DeCarli	DATE 7/10/92	TIME 18:35
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	DATE	TIME
METHOD OF SHIPMENT:	DATE	TIME	LAB COMMENTS:		

Sample Collector:
LEVINE-FRICKE
1900 Powell Street, 12th Floor
Emeryville, Ca 94608
(415) 652-4500

Analytical Laboratory:
ANAMETRIX
SAN JOSE CA.

Shipping Copy (White) Lab Copy (Green) File Copy (Yellow) Field Copy (Pink) FORM NO. 86/COC/ARF

920717 ... 10/7 (15) (18)

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

Project No.: 1563 06	Field Logbook No.:	Date: 7.9.92	Serial No.: 9147
Project Name: Sherwin-Wms.	Project Location: Emeryville		
Sampler (Signature): Prescott C-Heald			Samplers: SCH JCK

SAMPLES / ANALYSES

	SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CONTAINERS	SAMPLE TYPE	EPA 601	EPA 8240	EPA 8270	TPH gas	TPH diesel	Metals	HOLD	RUSH	REMARKS
(1)	LF-16	7.9.92	0925	2	11	H2O		3	2	3	2	1			Analyses: EPA 8240
(2)	LF-7-TB	↓	0800	1	3	↓		2				1			EPA 8270
(3)	LF-7		1035	4	11			3	2	3	2	1			TPH as gas by 5030/8015
(4)	LF-7-DUP		1135	5	11			3	2	3	2	1			TPH as diesel by 3510/8015
(5)	LF-8		1255	7	11			3	2	3	2	1			metals: As, Ba, Cd, Total Cr
(6)	LF-11		1145	6	11			3	2	3	2	1			Pb, Hg, Se, Si
(7)	LF-14		0955	3	11			3	2	3	2	1			Filter metals samples at lab
(8)	LF-9-BR		1315	8	3			3							
(9)	LF-9		1335	9	SCH 11			3	2	3	2	1			Results to John DeReamer
(10)	LF-4		1410	10	11			3	2	3	2	1			Normal turnaround
(11)	LF-5	↓	1450	11	11	↓		3	2	3	2	1			
															Anametrix Ref # 548

RELINQUISHED BY: (Signature) Prescott C-Heald	DATE 7/10/92	TIME 16:32	RECEIVED BY: (Signature) Jim Chappelle	DATE 7/10/92	TIME 16:32
RELINQUISHED BY: (Signature) Jim Chappelle	DATE 7/10/92	TIME 18:35	RECEIVED BY: (Signature) Josephine DeCarli	DATE 7/10/92	TIME 18:35
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	DATE	TIME
METHOD OF SHIPMENT: Courier	DATE	TIME	LAB COMMENTS:		

Sample Collector: LEVINE-FRICKE 1900 Powell Street, 12th Floor Emeryville, Ca 94608 (415) 652-4500	Analytical Laboratory: Anametrix, San Jose

Shipping Copy (White) Lab Copy (Green) File Copy (Yellow) Field Copy (Pink) FORM NO. 86/COC/ARF

file 1563.06
7-10-92

ANAMETRIX INC
Environmental and Analytical Chemistry

1961 Concourse Drive, Suite E
San Jose, CA 95131
(408) 432-8192 • Fax (408) 432-8198

August 25, 1992

Mr. John DeReamer
LEVINE-FRICKE
1900 Powell Street
12th Floor
Emeryville, CA 94608

Project Number: 1563.06
Anametrix Workorder: 9207119

Dear John:

After review of your request, we are reissuing the inorganic section of this CAR (Certified Analytical Report) because silver results have now been included and silicon results have been omitted.

If there is anything more that we can do, please contact our Client Services Department immediately. Thank you for using Anametrix, Inc.

Sincerely,

ANAMETRIX, INC.

Jennifer J. Miller

AUG 26 1992

Jennifer J. Miller
Client Services Manager

JM/mnh/7545

Enclosure

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MR. JOHN DeREAMER
LEVINE-FRICKE
1900 POWELL STREET 12TH FLOOR
EMERYVILLE, CA 94608

Workorder # : 9207119
Date Received : 07/10/92
Project ID : 1563.06
Purchase Order: N/A
Department : METALS
Sub-Department: METALS

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9207119- 1	LF-16	WATER	07/09/92	6010
9207119- 2	LF-7-TB	WATER	07/09/92	6010
9207119- 3	LF-7	WATER	07/09/92	6010
9207119- 4	LF-7-DUP	WATER	07/09/92	6010
9207119- 5	LF-8	WATER	07/09/92	6010
9207119- 6	LF-11	WATER	07/09/92	6010
9207119- 7	LF-14	WATER	07/09/92	6010
9207119- 9	LF-9	WATER	07/09/92	6010
9207119-10	LF-4	WATER	07/09/92	6010
9207119-11	LF-5	WATER	07/09/92	6010
9207119-12	LF-10	WATER	07/09/92	6010
9207119-13	LF-3	WATER	07/09/92	6010
9207119-14	LF-3-DUP	WATER	07/09/92	6010
9207119-15	LF-3-TB	WATER	07/09/92	6010
9207119-16	LF-1	WATER	07/09/92	6010
9207119- 1	LF-16	WATER	07/09/92	7060
9207119- 2	LF-7-TB	WATER	07/09/92	7060
9207119- 3	LF-7	WATER	07/09/92	7060
9207119- 4	LF-7-DUP	WATER	07/09/92	7060
9207119- 5	LF-8	WATER	07/09/92	7060
9207119- 6	LF-11	WATER	07/09/92	7060
9207119- 7	LF-14	WATER	07/09/92	7060
9207119- 9	LF-9	WATER	07/09/92	7060

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MR. JOHN DeREAMER
LEVINE-FRICKE
1900 POWELL STREET 12TH FLOOR
EMERYVILLE, CA 94608

Workorder # : 9207119
Date Received : 07/10/92
Project ID : 1563.06
Purchase Order: N/A
Department : METALS
Sub-Department: METALS

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9207119-10	LF-4	WATER	07/09/92	7060
9207119-11	LF-5	WATER	07/09/92	7060
9207119-12	LF-10	WATER	07/09/92	7060
9207119-13	LF-3	WATER	07/09/92	7060
9207119-14	LF-3-DUP	WATER	07/09/92	7060
9207119-15	LF-3-TB	WATER	07/09/92	7060
9207119-16	LF-1	WATER	07/09/92	7060
9207119- 1	LF-16	WATER	07/09/92	7470
9207119- 2	LF-7-TB	WATER	07/09/92	7470
9207119- 3	LF-7	WATER	07/09/92	7470
9207119- 4	LF-7-DUP	WATER	07/09/92	7470
9207119- 5	LF-8	WATER	07/09/92	7470
9207119- 6	LF-11	WATER	07/09/92	7470
9207119- 7	LF-14	WATER	07/09/92	7470
9207119- 9	LF-9	WATER	07/09/92	7470
9207119-10	LF-4	WATER	07/09/92	7470
9207119-11	LF-5	WATER	07/09/92	7470
9207119-12	LF-10	WATER	07/09/92	7470
9207119-13	LF-3	WATER	07/09/92	7470
9207119-14	LF-3-DUP	WATER	07/09/92	7470
9207119-15	LF-3-TB	WATER	07/09/92	7470
9207119-16	LF-1	WATER	07/09/92	7470
9207119- 1	LF-16	WATER	07/09/92	7740

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MR. JOHN DeREAMER
LEVINE-FRICKE
1900 POWELL STREET 12TH FLOOR
EMERYVILLE, CA 94608

Workorder # : 9207119
Date Received : 07/10/92
Project ID : 1563.06
Purchase Order: N/A
Department : METALS
Sub-Department: METALS

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9207119- 2	LF-7-TB	WATER	07/09/92	7740
9207119- 3	LF-7	WATER	07/09/92	7740
9207119- 4	LF-7-DUP	WATER	07/09/92	7740
9207119- 5	LF-8	WATER	07/09/92	7740
9207119- 6	LF-11	WATER	07/09/92	7740
9207119- 7	LF-14	WATER	07/09/92	7740
9207119- 9	LF-9	WATER	07/09/92	7740
9207119-10	LF-4	WATER	07/09/92	7740
9207119-11	LF-5	WATER	07/09/92	7740
9207119-12	LF-10	WATER	07/09/92	7740
9207119-13	LF-3	WATER	07/09/92	7740
9207119-14	LF-3-DUP	WATER	07/09/92	7740
9207119-15	LF-3-TB	WATER	07/09/92	7740
9207119-16	LF-1	WATER	07/09/92	7740

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MR. JOHN DeREAMER
LEVINE-FRICKE
1900 POWELL STREET 12TH FLOOR
EMERYVILLE, CA 94608

Workorder # : 9207119
Date Received : 07/10/92
Project ID : 1563.06
Purchase Order: N/A
Department : METALS
Sub-Department: METALS

QA/QC SUMMARY :

- Matrix and post digestion spike recoveries for sample LF-16 for selenium by EPA Method 7740 were outside of Anametrix control limits due to matrix effects.

Manny Nguyen 8/24/92
Department Supervisor Date

Mona Kamel 8/21/92
Chemist Date

ANALYSIS DATA SHEET - INDIVIDUAL METALS
ANAMETRIX, INC. - (408) 432-8192

Anametrix W.O.: 9207119
Matrix : WATER
Date Sampled : 07/09/92
Project Number: 1563.06

Date Prepared : 07/20/92
Date Analyzed : 07/21/92
Date Released : 07/23/92
Instrument I.D.: HGA1/AA2/ICP1

	EPA Method#	Reporting Limit	Sample I.D.# LF-16	Sample I.D.# LF-7-TB	Sample I.D.# LF-7	Sample I.D.# LF-7 -DUP	Sample I.D.# LF-8
ELEMENTS		(ug/L)	-01	-02	-03	-04	-05
Silver (Ag)	6010	10.0	ND	ND	ND	ND	ND
Arsenic (As)	7060	10.0	ND	ND	ND	ND	ND
Barium (Ba)	6010	100	ND	ND	ND	ND	ND
Cadmium (Cd)	6010	5.0	ND	ND	ND	ND	ND
Total Cr	6010	10.0	ND	ND	ND	ND	ND
Mercury (Hg)	7470	0.27	ND	ND	ND	ND	ND
Lead (Pb)	6010	40.0	ND	ND	ND	ND	ND
Selenium (Se)	7740	5.0	ND	ND	ND	ND	ND

ND : Not detected at or above the practical quantitation limit for the method.

All Metals by EPA Method 6010/7000, Test Method for Evaluating Solid Waste, SW-846 3rd Edition November 1986, and California Code of Regulations Title 22, or Method for Chemical Analysis of Water and Wastes, EPA, 3rd edition, 1983.

Supervisor 8/24/92 Date

Chemist 8/24/92 Date

ANALYSIS DATA SHEET - INDIVIDUAL METALS
ANAMETRIX, INC. - (408) 432-8192

Anametrix W.O.: 9207119
Matrix : WATER
Date Sampled : 07/09/92
Project Number: 1563.06

Date Prepared : 07/20/92
Date Analyzed : 07/21/92
Date Released : 07/23/92
Instrument I.D.: HGA1/AA2/ICP1

	EPA Method#	Reporting Limit	Sample I.D.# LF-11	Sample I.D.# LF-14	Sample I.D.# LF-9	Sample I.D.# LF-5	Sample I.D.# LF-3 -TB
ELEMENTS		(ug/L)	-06	-07	-09	-11	-15
Silver (Ag)	6010	10.0	ND	ND	ND	ND	ND
Arsenic (As)	7060	10.0	ND	39.0	ND	ND	ND
Barium (Ba)	6010	100	169	ND	ND	111	ND
Cadmium (Cd)	6010	5.0	ND	ND	ND	ND	ND
Total Cr	6010	10.0	ND	ND	ND	ND	ND
Mercury (Hg)	7470	0.27	ND	ND	ND	ND	ND
Lead (Pb)	6010	40.0	ND	ND	ND	ND	ND
Selenium (Se)	7740	5.0	ND	ND	ND	ND	ND

ND : Not detected at or above the practical quantitation limit for the method.

All Metals by EPA Method 6010/7000, Test Method for Evaluating Solid Waste, SW-846 3rd Edition November 1986, and California Code of Regulations Title 22, or Method for Chemical Analysis of Water and Wastes, EPA, 3rd edition, 1983.

Supervisor 8/24/92 Date

Chemist 8/24/92 Date

ANALYSIS DATA SHEET - INDIVIDUAL METALS
ANAMETRIX, INC. - (408) 432-8192

Anametrix W.O.: 9207119
Matrix : WATER
Date Sampled : 07/09/92
Project Number: 1563.06

Date Prepared : 07/20/92
Date Analyzed : 07/21/92
Date Released : 07/23/92
Instrument I.D.: HGA1/AA2/ICP1

ELEMENTS	EPA Method#	Reporting Limit (ug/L)	Sample I.D.# LF-4 -10	Sample I.D.# LF-10 -12
Silver (Ag)	6010	10.0	ND	ND
Arsenic (As)	7060	50.0	367	328
Barium (Ba)	6010	100	119	ND
Cadmium (Cd)	6010	5.0	ND	ND
Total Cr	6010	10.0	ND	ND
Mercury (Hg)	7470	0.27	ND	ND
Lead (Pb)	6010	40.0	ND	ND
Selenium (Se)	7740	25.0	ND	ND

ND : Not detected at or above the practical quantitation limit for the method.

All Metals by EPA Method 6010/7000, Test Method for Evaluating Solid Waste, SW-846 3rd Edition November 1986, and California Code of Regulations Title 22, or Method for Chemical Analysis of Water and Wastes, EPA, 3rd edition, 1983.

Supervisor 8/24/92 Date

Chemist 8/24/92 Date

ANALYSIS DATA SHEET - INDIVIDUAL METALS
ANAMETRIX, INC. - (408) 432-8192

Anametrix W.O.: 9207119
Matrix : WATER
Date Sampled : 07/09/92
Project Number: 1563.06

Date Prepared : 07/20/92
Date Analyzed : 07/21/92
Date Released : 07/23/92
Instrument I.D.: HGA1/AA2/ICP1

ELEMENTS	EPA Method#	Reporting Limit (ug/L)	Sample I.D.# LF-3 -13	Sample I.D.# LF-1 -16
Silver (Ag)	6010	10.0	ND	ND
Arsenic (As)	7060	10000	70800	53200
Barium (Ba)	6010	100	473	ND
Cadmium (Cd)	6010	5.0	20.5	58.0
Total Cr	6010	10.0	ND	ND
Mercury (Hg)	7470	0.27	ND	ND
Lead (Pb)	6010	40.0	ND	ND
Selenium (Se)	7740	5.0	ND	ND

ND : Not detected at or above the practical quantitation limit for the method.

All Metals by EPA Method 6010/7000, Test Method for Evaluating Solid Waste, SW-846 3rd Edition November 1986, and California Code of Regulations Title 22, or Method for Chemical Analysis of Water and Wastes, EPA, 3rd edition, 1983.

Manny Nguyen 8/24/92
Supervisor Date

Mona Kamel 8/24/92
Chemist Date

ANALYSIS DATA SHEET - INDIVIDUAL METALS
ANAMETRIX, INC. - (408) 432-8192

Anametrix W.O.: 9207119
Matrix : WATER
Date Sampled : 07/09/92
Project Number: 1563.06

Date Prepared : 07/20/92
Date Analyzed : 07/21/92
Date Released : 07/23/92
Instrument I.D.: HGA1/AA2/ICP1

ELEMENTS	EPA Method#	Reporting Limit (ug/L)	Sample I.D.# LF-3 -DUP -14
Silver (Ag)	6010	10.0	ND
Arsenic (As)	7060	10000	66600
Barium (Ba)	6010	100	452
Cadmium (Cd)	6010	5.0	36.1
Total Cr	6010	10.0	ND
Mercury (Hg)	7470	0.27	ND
Lead (Pb)	6010	40.0	ND
Selenium (Se)	7740	5.0	ND

ND : Not detected at or above the practical quantitation limit for the method.

All Metals by EPA Method 6010/7000, Test Method for Evaluating Solid Waste, SW-846 3rd Edition November 1986, and California Code of Regulations Title 22, or Method for Chemical Analysis of Water and Wastes, EPA, 3rd edition, 1983.

Mammy Nguyen 8/24/92
Supervisor Date

Nona Kamel 8/24/92
Chemist Date

ANALYSIS DATA SHEET - INDIVIDUAL METALS
ANAMETRIX, INC. - (408) 432-8192

Anametrix W.O.: 9207119
Matrix : WATER
Date Sampled : N/A
Project Number: 1563.06

Date Prepared : 07/20/92
Date Analyzed : 07/21/92
Date Released : 07/23/92
Instrument I.D.: HGA1/AA2/ICP1

ELEMENTS	EPA Method#	Reporting Limit (ug/L)	Sample I.D.# BLANK MB0720W
Silver (Ag)	6010	10.0	ND
Arsenic (As)	7060	10.0	ND
Barium (Ba)	6010	100	ND
Cadmium (Cd)	6010	5.0	ND
Total Cr	6010	10.0	ND
Mercury (Hg)	7470	0.27	ND
Lead (Pb)	6010	40.0	ND
Selenium (Se)	7740	5.0	ND

ND : Not detected at or above the practical quantitation limit for the method.

All Metals by EPA Method 6010/7000, Test Method for Evaluating Solid Waste, SW-846 3rd Edition November 1986, and California Code of Regulations Title 22, or Method for Chemical Analysis of Water and Wastes, EPA, 3rd edition, 1983.

Supervisor 8/24/92 Date

Chemist 8/24/92 Date

ANAMETRIX, INC.
1961 CONCOURSE DRIVE, SUITE E
SAN JOSE, CA 95131, (408) 432-8192

INDIVIDUAL METALS MATRIX SPIKE REPORT

Spike I.D. : 9207119-01MS,MD
Date Prepared: 07/20/92
Date Analyzed: 07/21/92
Assoc. WO # : 9207119

Inst. ID: HGA1/AA2/ICP1
Date : 07/23/92
Matrix : WATER
Units : ug/L

ELEMENTS	METHOD	SPIKE AMOUNT	SAMPLE CONC.*	M.S. CONC.	% REC.	M.S.D. CONC.	% REC.	R P D
As	7060	40.0	0.0	42.7	107	43.7	109	2.3
Ba	6010	2000	0.0	2230	112	2260	113	1.3
Cd	6010	50.0	0.0	51.3	103	52.6	105	2.5
TTl Cr	6010	200	0.0	200	100	202	101	1.0
Hg	7470	1.36	0.0	1.42	104	1.35	99.3	5.1
Pb	6010	500	0.0	521	104	536	107	2.8
Se	7740	10.0	0.0	5.7	57.0	5.5	55.0	3.6

COMMENT: Quality control limits for percent recovery are 75-125% and 25% for RPD.

* : Sample concentration of 0.0 indicates that the analyte in the sample was below detection limit for the method. 0.0 is entered for calculations of the percent recovery and RPD only.

NR : Not reported due to interferences from relatively high background levels in the unspiked sample.

Nancy Nguyen 8/24/92
Supervisor Date

Mona Kamel 8/24/92
Chemist Date

ANAMETRIX, INC.
1961 CONCOURSE DRIVE, SUITE E
SAN JOSE, CA 95131, (408) 432-8192

POST DIGESTION SPIKE REPORT

Spike I.D. : 9207119-01PDS
Date Prepared: 07/21/92
Date Analyzed: 07/21/92
Assoc. WO # : 9207119

Inst. ID: AA2
Date : 07/23/92
Matrix : WATER
Units : ug/L

ELEMENTS	METHOD	SPIKE AMOUNT	SAMPLE CONC.	P.D.S. CONC.	% REC.
Se	7740	10.0	0.0	7.3	73.0

COMMENT: Quality control limits for percent recovery are 85-115%.

Supervisor 8/24/92 Date

Chemist 8/24/92 Date

ANAMETRIX, INC.
1961 CONCOURSE DRIVE, SUITE E
SAN JOSE, CA 95131, (408) 432-8192

INDIVIDUAL METALS METHOD SPIKE REPORT

Spike I.D. : LCS0720W
Date Prepared: 07/20/92
Date Analyzed: 07/21/92
Assoc. WO # : 9207119

Inst. ID: HGA1/AA2/ICP1
Date : 07/23/92
Matrix : WATER
Units : ug/L

ELEMENTS	METHOD	SPIKE AMOUNT	METHOD SPIKE	% REC.
Ag	6010	50.0	48.2	96.4
As	7060	40.0	45.3	113
Ba	6010	2000	2200	110
Cd	6010	50.0	52.5	105
TTl Cr	6010	200	204	102
Hg	7470	1.36	1.36	100
Pb	6010	500	535	107
Se	7740	10.0	10.2	102

COMMENT: Quality control limits for percent recovery are 80-120%.

Supervisor 8/24/92 Date

Chemist 8/24/92 Date

9207119 10/1 (15) (18)

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

Project No.: 156306 | Field Logbook No.: | Date: 7.9.92 | Serial No.: № 9147

Project Name: Sherwin Wms. | Project Location: Emeryville

Sampler (Signature): Russell C. Heald

Samplers: SCH JCK

	SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CONTAINERS	SAMPLE TYPE	EPA 601	EPA 8240	EPA 8270	TPH gas	TPH diesel	Metals	HOLD	RUSH	REMARKS
1	LF-16	7.9.92	0925		11	H2O	3	2	3	2	1				Analyses: EPA 8240
2	LF-7-TB		0800		3		2				1				EPA 8270
3	LF-7		1035		11		3	2	3	2	1				TPH as gas by 5030/8015
4	LF-7-DUP		1135		11		3	2	3	2	1				TPH as diesel by 3510/8015
5	LF-8		1255		11		3	2	3	2	1				metals: As, Ba, Cd, Total Cr
6	LF-11		1145		11		3	2	3	2	1				Pb, Hg, Se, Si
7	LF-14		0955		11		3	2	3	2	1				Filter metals samples at lab
8	LF-9-BR		1315		3		3								
9	LF-9		1335	SCH JCK	11		3	2	3	2	1				Results to John DeRecmer
10	LF-4		1410		11		3	2	3	2	✓				Normal turnaround
11	LF-5	↓	1450		11	↓	3	2	3	2	1				Arametrix Ref # 548

RELINQUISHED BY: (Signature) Russell C. Heald	DATE 7/10/92	TIME 16:32	RECEIVED BY: (Signature) Jan Chapelle	DATE 7/10/92	TIME 16:32
RELINQUISHED BY: (Signature) Jan Chapelle	DATE 7/10/92	TIME 18:35	RECEIVED BY: (Signature) Josephine DeCarli	DATE 7/10/92	TIME 18:35
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	DATE	TIME
METHOD OF SHIPMENT: Courier	DATE	TIME	LAB COMMENTS:		

Sample Collector:
LEVINE-FRICKE
1900 Powell Street, 12th Floor
Emeryville, Ca 94608
(415) 652-4500

Analytical Laboratory:
Arametrix, San Jose

Shipping Copy (White) Lab Copy (Green) File Copy (Yellow) d Copy (Pink) FORM NO. COC/ARF

9207119 10/1 10/8 (15) (18) 20:00

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

Project No.: 1563.06

Field Logbook No.:

Date: 7/10/92

Serial No.: № 9350

Project Name: SHERWIN-WILLIAMS

Project Location: EMERYVILLE, CA.

Sampler (Signature):

Samplers: JCK SCH

SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CONTAINERS	SAMPLE TYPE	EPA 601	EPA 624	METALS	8240	8270	TPH-G	TPH-D	HOLD	RUSH	REMARKS
(12) LF-10		9:45		11	H_2O			1	3	2	3	2			METALS = As, Ba, Cd, Total Cr,
(13) LF-3		10:15		11				1	3	2	3	2			Pb, Hg, Se, Si
(14) LF-3-DUP		11:15		11				1	3	2	3	2			TPHg 5030/8015
(15) LF-3-TB		8:00		1				1							TPHd 3510/8015
(16) LF-1		11:15		11				1	3	2	3	2			

REMARKS: RESULTS TO JOHN DeREAMER

METAL SAMPLE TO BE FILTERED AT LAB

ANAMETRIX # 548

	DATE	TIME		DATE	TIME
RELINQUISHED BY: (Signature)	7/10/92	16:32	RECEIVED BY: (Signature)	7/10/92	16:32
RELINQUISHED BY: (Signature)	7/10/92	18:35	RECEIVED BY: (Signature) Josephine DeCarli	7/10/92	18:35
RELINQUISHED BY: (Signature)			RECEIVED BY: (Signature)		
METHOD OF SHIPMENT:			LAB COMMENTS:		

Sample Collector: LEVINE-FRICKE
1900 Powell Street, 12th Floor
Emeryville, Ca 94608
(415) 652-4500

Analytical Laboratory: ANAMETRIX SAN JOSE CA.

Shipping Copy (White) Lab Copy (Green) File Copy (Yellow) Field Copy (Pink)

FORM NO. 86/COC/ARF

APPENDIX C

QUALITY ASSURANCE/QUALITY CONTROL (QA/QC) REVIEW OF GROUND-WATER QUALITY RESULTS

APPENDIX C

QUALITY ASSURANCE/QUALITY CONTROL (QA/QC) REVIEW OF GROUND-WATER QUALITY RESULTS

Water-quality analyses were performed by Anametrix Laboratory of San Jose, California, using EPA Method 8240 (VOCs), EPA Method 8270 (SVOCs), EPA Method 3510 (TPHd), EPA Method 5030 (TPHg), and EPA 200/6000/7000 Series Methods for analysis for eight metals (arsenic, barium, cadmium, total chromium, lead, mercury, selenium, and silver). Duplicate samples for analysis with all four methods were collected from wells LF-3 and LF-7. Bailer rinsate blanks were prepared in the field by pouring nitrogen-purged deionized water into sampling bailers before sampling wells LF-9 and LF-B3. These bailer rinsate samples were analyzed by EPA Method 8240 (VOCs). Two laboratory-prepared trip blanks for VOC analysis were prepared and sent to the field in the same batch of containers used for ground-water sample shipment. Three laboratory-prepared trip blanks for metals analysis were also prepared and sent to the field in the same batch of containers used for ground-water sample shipment. These metals trip blanks were analyzed for eight metals including arsenic.

Data precision of analytical results for duplicate samples is assessed by the relative percent difference (RPD) parameter, which is defined as the absolute value of the difference between two values divided by their arithmetic mean. Results close to the analytical detection limit are generally subject to variability, and as such, the RPD may not be an appropriate parameter to evaluate in those cases. RPD values for analyses of the duplicate sample indicated generally good data precision for the samples collected during the July 1992 sampling round (Table C-1) with all of the calculated RPD values less than 30 percent, except for the RPD for cadmium for the sample collected from well LF-3 (55.1 percent).

In addition to the field duplicates, laboratory surrogate spikes and matrix spikes were evaluated. Matrix spikes are samples prepared by taking an aliquot of an actual sample and adding known amounts of the target compounds before extraction and analysis. The total amount detected in the spike sample (less the amount in the original sample), divided by the theoretical amount added, expressed as a percentage, is the matrix spike recovery. An RPD can be calculated for matrix spikes prepared in duplicate. Surrogate spikes are compounds that are similar in chemical structure to the target compounds but are not commonly found in environmental samples. These

compounds are added to samples, and the amount detected divided by the theoretical amount added, expressed as a percentage, is the surrogate spike recovery. Surrogate spike recoveries, matrix spike recoveries, and RPD values were found to be in generally good agreement with recoveries within Anametrix's limits. Exceptions for matrix spike recoveries are noted in the QA/QC summaries of the laboratory reports of Appendix B. Matrix spike recoveries exceeded established limits for the matrix spike analysis for selenium for the ground-water samples from wells LF-16 and LF-B4. Surrogate spike recoveries exceeded established limits for the surrogate spike analysis for SVOCs for the ground-water samples from wells LF-4, LF-5, LF-7 (duplicate sample), and LF-B4. Surrogate spike recoveries were very poor in the analysis for SVOCs for the ground-water sample from LF-1. Subsequent re-extraction of sample LF-1 occurred outside the established hold time, but yielded similar results.

None of the field or trip blanks were found to contain any of the target compounds above laboratory method detection limits. None of the laboratory method blanks were found to contain any of the target compounds above laboratory method detection limits.

A review of the laboratory reports for inorganic analyses indicated that the analytical laboratory had analyzed the metals samples for silicon. As a result of a mistake on the analytical request and chain-of-custody forms, silver was improperly abbreviated as Si (the symbol for silicon). As indicated in the laboratory reports of Appendix B, the laboratory consequently analyzed for silicon. Analyses for silver (Ag) were subsequently conducted and the results for silver are included in an amended laboratory report included in Appendix B.

TABLE C-1
QUALITY CONTROL DATA FOR CHEMICAL ANALYSES
DATA PRECISION AS RELATIVE PERCENT DIFFERENCE (RPD) OF DUPLICATE SAMPLE ANALYSES
AND COMPOUNDS DETECTED IN FIELD BLANKS
[All concentrations expressed in parts per million (ppm)]

Well No.	Date	Lab	Lab I.D. No.	Acetone	MEK	Toluene	Total Xylenes	Benzene	Chloro-benzene	Naphthalene	2-Methyl-phenol	Arsenic	Barium	Lead	Cadmium
LF-3	09-Jul-92	ANA	9207119-13	ND	ND	92	43	ND	ND	0.15	0.15	70.8	0.473	ND	0.0205
	09-Jul-92	ANA	9207119-14	ND	ND	100	45	ND	ND	0.14	0.12	66.6	0.452	ND	0.0361
	RPD(%)			NA	NA	8.3	4.5	NA	NA	6.9	22.2	6.1	4.5	NA	55.1
LF-7	09-Jul-92	ANA	9207119-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09-Jul-92	ANA	9207119-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	RPD(%)			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TRIP BLANKS															
LF-B3-TB	08-Jul-92	ANA	9207088-06	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND
LF-7-TB	09-Jul-92	ANA	9207119-02	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND
LF-3-TB	09-Jul-92	ANA	9207119-15	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
BAILER RINSATE BLANKS															
LF-B3-BR	19-Jun-91	ANA	9106245-6	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA
LF-9-BR	20-Jun-91	ANA	9106251-2	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA

Explanation of Symbols and Abbreviations Used in Table C-1:

MEK = methyl ethyl ketone
NA = Not Analyzed
ND = Not Detected
RPD = Relative Percent Difference, defined as the difference between two values divided by their arithmetic mean

Analytical Laboratory: ANA = Anametrix Laboratory, San Jose, California