Report of Annual Ground-Water Monitoring
June through August 1991
The Sherwin-Williams Plant
Emeryville, California

November 7, 1991
1563.06

Prepared for:

The Sherwin-Williams Company
1450 Sherwin Avenue
Emeryville, California

LEVINE·FRICKE

LEVINE·FRICKE
CONSULTING ENGINEERS AND HYDROGEOLOGISTS

November 7, 1991 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 for
June through August 1991
The Sherwin-Williams Plant
Emeryville, California

Dear Mr. Feldman:

The enclosed report presents the results of the 1991 annual ground-water monitoring for the Sherwin-Williams plant in Emeryville, California. Sampling activities were conducted in June and August 1991.

Annual monitoring included measuring ground-water elevations 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, and inorganic compounds as RWQCB Basin Plan Metals using EPA Method 200/6000/7000 Series.

Samples were also collected from three A-zone monitoring wells for laboratory analysis of total dissolved solids, conductivity, and pH.

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

Sincerely,

John DeReamer
Senior Project Hydrogeologist

Enclosure

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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.

Thomas M. Johnson, R.G.
Vice President and Principal Hydrogeologist
California Registered Geologist (4286)

11/2/91
Date

November 6, 1991 LF-1563.06

**REPORT OF ANNUAL GROUND-WATER MONITORING
JUNE THROUGH AUGUST 1991
FOR 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, 1450 Sherwin Avenue, Emeryville, California ("the Site"; Figures 1 and 2). This work was conducted in accordance with Levine·Fricke's Work Plan dated May 2, 1991, approved by Sherwin-Williams, and which included a description of annual (conducted during June and August 1991) and semiannual (conducted during November and December 1991) ground-water monitoring.

Annual monitoring activities included monitoring all on-site and off-site monitoring wells. The semiannual program, to be conducted at the end of the year, includes monitoring selected on-site and off-site perimeter monitoring wells.

The following activities were conducted for the 1991 annual monitoring event:

- Ground-water levels were measured in on-site and off-site monitoring wells (LF-1 through LF-5, LF-7 through LF-16, and LF-B1 through LF-B4) and in Temescal Creek.
- Ground-water samples were collected from 13 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, semivolatile organic compounds (SVOCs) using EPA Method 8270, total petroleum hydrocarbons as diesel (TPHd) using EPA Extraction Method 3510, and for inorganic compounds as RWQCB Basin Plan metals using EPA Method 200/6000/7000 Series.

- Ground-water samples from three A-zone monitoring wells (LF-10, LF-11, and LF-12) were analyzed for total dissolved solids, conductivity, and pH.

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

2.0 GROUND-WATER ELEVATIONS AND FLOW DIRECTIONS

Ground-water elevations were measured on June 19, 1991, in A-zone monitoring wells LF-1 through LF-5, and LF-7 through LF-16, and in B-zone monitoring wells LF-B1, LF-B3, and LF-B4. The surface-water elevation of Temescal Creek was also measured on June 19, 1991. No ground-water elevation data were collected for A-zone well LF-6, which was destroyed by sealing with cement bentonite grout on August 2, 1990 (see Levine·Fricke, 1990b), or B-zone well LF-B2 because this well was inaccessible on June 19, 1991.

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 in a westerly and northwesterly direction. Ground-water flow in the B zone appears to be toward the north-northwest.

3.0 GROUND-WATER QUALITY SAMPLING

Levine·Fricke personnel collected ground-water samples for chemical analysis during the period from June 19 through June 21, 1991, from A-zone monitoring wells LF-1, LF-3, LF-4, and LF-7 through LF-16, and from B-zone monitoring wells LF-B1 through LF-B4. Additional ground-water samples were collected on August 6, 1991, from LF-5 (previously inaccessible) and from LF-9, LF-10, LF-11 (resampled and analyzed to confirm June results for arsenic). No samples were collected from LF-6 because this well as sealed with cement bentonite grout on August 2, 1990 (see Levine·Fricke 1990b). No samples were collected for chemical analysis from monitoring well LF-2 because an estimated 3 to 4 inches of free floating product was observed in the well at the time of sampling. The thickness of the free floating product will be measured during the next monitoring event. Ground-water samples from wells LF-10, LF-11, and LF-12 were collected on August 6, 1991, for analysis of total dissolved solids, conductivity, and pH.

Samples were collected for analysis of VOCs using EPA Method 8240, SVOCs using EPA Method 8270, TPHd using EPA Extraction Method 3510, and inorganic compounds as RWQCB Basin Plan Metals (silver, arsenic, cadmium, total chromium, copper, mercury, nickel, lead, selenium, and zinc) using EPA Method 200/6000/7000 Series. 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 three well volumes were 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 steamed 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 were gently filled to overflowing, capped, and checked for trapped air by inverting and tapping each vial. If an air bubble was observed, the vial was emptied and gently refilled. Water samples for Method 8270 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 a 1-liter plastic bottle 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 discussion in Appendix C. The results of the laboratory analyses for total dissolved solids, conductivity, and pH are included in Appendix D.

4.0 GROUND-WATER QUALITY ANALYSIS RESULTS

Ground-water samples from 13 A-zone monitoring wells (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) were collected and submitted for chemical analysis. Analytical results are discussed below. Approximately 3 to 4 inches of free floating product was observed on the ground-water surface in on-site well LF-2; consequently, no samples were collected from well LF-2 for analysis.

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, and Table 7 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, and Figure 8 for inorganic compounds.

4.1.1 Volatile Organic Compounds

VOCs detected in A-zone wells during this sampling event included acetone (up to 9.900 parts per million [ppm] for well LF-3); cis-1,2-dichloroethene (one detection at 0.020 ppm for well LF-4); methyl ethyl ketone (up to 8.200 ppm for well LF-3); benzene (up to 0.061 ppm for well LF-7); toluene (more than 200 ppm for well LF-5); chlorobenzene (up to 0.007 ppm for well LF-7); ethylbenzene (up to 7.500 ppm for well LF-3); total xylenes (greater than 44 ppm for well LF-3); and 1,1,1-trichloroethane (1,1,1-TCA) (one detection at 0.032 ppm for well LF-13).

Samples collected from on-site A-zone monitoring wells indicated relatively higher concentrations of VOCs in the former oils tank farm area (LF-3) and the former solvent tank farm area (LF-4 and LF-5) (see Table 4, Figure 5, and Appendix B). In addition, results for well LF-3 indicated relatively higher concentrations of acetone (9.9 ppm), methyl ethyl ketone (2.2 ppm), ethylbenzene (7.5 ppm), and total xylenes (greater than 44.0 ppm) in the former oils tank farm

area. Results of the ground-water sample from LF-5 indicated relatively higher concentrations of toluene (greater than 200 ppm) and total xylenes (5.4 ppm) in the former solvent tank farm area.

For on-site downgradient perimeter wells LF-8 through LF-11, VOC results were below laboratory detection limits, with the exception of 0.006 ppm of chlorobenzene in the ground-water sample from well LF-9.

Upgradient wells LF-12 and LF-13 indicated VOC concentrations generally below laboratory detection limits (see Table 4, Figure 5, and Appendix B), with the exception of 0.032 ppm 1,1,1-TCA detected in well LF-13. In addition, VOC results for off-site downgradient wells LF-14, LF-15, and LF-16 were below laboratory detection limits (see Table 4, Figure 5, and Appendix B).

4.1.2 Semivolatile Organic Compounds

SVOC results for A-zone wells in the former oils tank farm area (LF-3) and the former solvent tank farm area (LF-5) indicated relatively low concentrations of several SVOCs, including 2-methylphenol (up to 0.210 ppm for well LF-3), 4-methylphenol (up to 0.630 ppm for well LF-2), and naphthalene (up to 0.110 ppm for well LF-3) (see Table 5, Figure 6, and Appendix B).

On-site downgradient perimeter wells LF-8, LF-9, LF-10, and LF-11 reported SVOC concentrations below laboratory detection limits, with the exception of 0.034 ppm of bis(2-ethylhexyl)-phthalate for well LF-11. SVOC results for upgradient monitoring wells LF-12 and LF-13, and off-site downgradient monitoring wells LF-14, LF-15, and LF-16, also were below laboratory detection limits (see Table 5, Figure 6, and Appendix B).

4.1.3 Total Petroleum Hydrocarbons as Diesel

Ground-water samples were submitted for TPHd analysis to quantify long-chain hydrocarbon compounds that previously may have been detected as tentatively identified compounds with semiquantified estimates of concentration. Previous samples collected in July and September of 1991 were analyzed for TPH using EPA Method 8015. That method had a detection limit of 1.000 ppm, which was exceeded in the analyses of ground-water samples from monitoring wells LF-1, LF-2, LF-3, LF-4, LF-5 (all located in on-site areas), and LF-13 (located off-site and upgradient); however, the samples from all other

monitoring wells had TPH results of less than 1.000 ppm. (See Levine·Fricke, April 22, 1991). The TPHd analysis was subsequently selected for the annual 1991 sampling round because of the method's lower detection limit of 0.050 ppm and because many of the previously reported tentatively identified compounds were reported as semivolatile compounds.

TPHd results for on-site A-zone wells LF-3, LF-4, and LF-5, and downgradient, on-site, perimeter wells LF-9, LF-10, and LF-11 indicated detectable concentrations of long-chain hydrocarbon compounds (see Table 6, Figure 7, and Appendix B). Ground-water samples from wells LF-3 and LF-5 reported TPHd concentrations of 2.0 ppm and 4.7 ppm, respectively. Wells LF-9, LF-10, and LF-11 reported relatively low TPHd concentrations of 0.20 ppm, 0.27 ppm, and 0.13 ppm, respectively.

TPHd results for off-site downgradient A-zone wells LF-14, LF-15, and LF-16 were reported as less than 0.050 ppm.

4.1.4 Inorganic Compounds

Ground-water samples collected during this sampling event were analyzed for inorganic compounds using EPA Method 200/6000/ 7000 Series for RWQCB Basin Plan metals (i.e., silver, arsenic, cadmium, total chromium, copper, mercury, nickel, lead, selenium, and zinc). The results are summarized in Table 7.

Metals results indicated arsenic was detected in relatively higher concentrations in ground-water samples from some on-site A-zone monitoring wells, as illustrated in Figure 8. Relatively higher concentrations of arsenic in on-site monitoring wells included 58.0 ppm for LF-1, 60.4 ppm for LF-3, 0.510 ppm for LF-4 (0.493 ppm for a duplicate), and 0.038 ppm for LF-5 (see Figure 8). In addition, arsenic was detected in on-site, downgradient, perimeter monitoring wells at concentrations of 0.021 ppm for LF-8, 0.095 ppm for LF-9 (0.131 ppm for a confirmation sample), 0.657 ppm for LF-10 (1.080 ppm for a confirmation sample), and 0.023 ppm for LF-11 (0.024 ppm for a duplicate sample and 0.213 ppm for a confirmation sample). The results for other metals, including nickel, lead, and zinc, for these wells are summarized in Table 7 and illustrated in Figure 8.

Metals detected in ground water sampled from upgradient monitoring wells LF-12 and LF-13 were generally below laboratory detection limits, with the exception of 0.014 ppm (LF-12) and 0.013 ppm (LF-13) nickel (Table 7 and Appendix B).

Arsenic was not detected above the detection limit (0.010 ppm) in ground-water samples from wells LF-12 and LF-13 (see Figure 8).

Metals results for ground-water samples from off-site, downgradient monitoring wells LF-14, LF-15, and LF-16 included detectable concentrations of arsenic in wells LF-14 (0.095 ppm) and LF-16 (0.010 ppm, which is also the method limit of detection) but not in well LF-15. Nickel was reported in detectable concentrations in the ground-water samples from LF-15 (0.006 ppm) and LF-16 (0.018 ppm) (see Figure 8).

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, and Table 7 for inorganic compounds. Graphic illustrations of chemical distribution in the B zone are presented in Figure 9 for VOCs, Figure 10 for SVOCs, Figure 7 for TPHd, and Figure 11 for inorganic compounds.

4.2.1 Volatile Organic Compounds

VOC results for B-zone monitoring wells (LF-B1, LF-B2, LF-B3, and LF-B4) indicated 1,2-dichloroethane (1,2-DCA) concentrations of 0.180 ppm in well LF-B1, 0.006 ppm in well LF-B2, and 0.110 ppm in well LF-B3. 1,2-DCA results for well LF-B4 were below the laboratory detection limit (0.005 ppm).

4.2.2 Semivolatile Organic Compounds

SVOC results for B-zone monitoring wells generally were below laboratory detection limits (see Table 5, Figure 10, and Appendix B), with the exceptions of 0.018 ppm and 0.064 ppm bis(2-ethylhexyl)phthalate in wells LF-B2 and LF-B4, respectively. No other SVOC compounds were detected in concentrations above detection limits.

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 Inorganic Compounds

Results of analyses for inorganic compounds as RWQCB Basin Plan Metals indicated arsenic was not present in detectable

concentrations in the ground-water samples from LF-B1 through LF-B4 at a detection limit of 0.010 ppm (see Table 7, Figure 11, and Appendix B). Detectable concentrations of lead were reported for the ground-water samples from wells LF-B1 (0.004 ppm) and LF-B2 (0.005 ppm). Zinc was reported at a concentration of 0.075 ppm for well LF-B2. The results for all other analyzed metals in B-zone wells were below detection limits, which ranged from 0.001 ppm to 0.025 ppm as indicated in the laboratory reports in Appendix B.

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

Quality assurance (QA) and quality control (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 the collection of trip blank and bailer rinsate blank samples, controlling sampling order, the use of disposable bailers, and daily steam cleaning of pump hoses before and after use.

The monitoring wells were sampled in several groups according to location, including off-site upgradient locations, off-site downgradient locations, on-site downgradient perimeter locations, and on-site source area locations. The wells in each group were sampled in the order of increasing concentration of arsenic, based on previous results (Levine•Fricke, 1991) and as prescribed in the QAPP (Levine•Fricke, 1990a). Exceptions to the prescribed sampling order were made if a well was inaccessible. The June 1991 sampling order, including the collection and submittal of trip blanks and bailer rinsate blanks, is indicated in Table 3.

Three types of QA/QC samples were collected and analyzed for each analytical method, including laboratory-supplied trip blanks, bailer rinsate blanks, and duplicates. One or more trip blanks, bailer rinsate blanks, and duplicate samples were collected and analyzed for organic compounds using EPA Methods 8240, 8270, and 3510, and for inorganic compounds using EPA Method 200/6000/7000 Series. Trip blank samples for arsenic analysis were submitted on a daily basis to provide an indication of potential residual contamination of laboratory equipment.

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. 1991. Quarterly report of ground-water monitoring for the period of October 1, 1990 to January 30, 1991, Sherwin-Williams Plant, Emeryville, California. April 22.

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

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

TABLE 1

GROUND-WATER ELEVATION DATA
JUNE 1991 ANNUAL MONITORING PROGRAM

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	Jun-19-91	16.92	19.78	8.86	10.92
LF-2	Jun-19-91	12.24	15.10	5.57	9.53
LF-3	Jun-19-91	11.98	14.84	5.10	9.74
LF-4	Jun-19-91	13.05	15.91	7.12	8.79
LF-5	Jun-19-91	10.25	13.11	4.28	8.83
LF-7	Jun-19-91	11.08	13.94	4.73	9.21
LF-8	Jun-19-91	12.75	15.61	7.22	8.39
LF-9	Jun-19-91	10.44	13.30	5.01	8.29
LF-10	Jun-19-91	10.32	13.18	4.13	9.05
LF-11	Jun-19-91	10.08	12.94	3.68	9.26
LF-12	Jun-19-91	14.97	17.83	6.90	10.93
LF-13	Jun-19-91	14.76	17.62	6.60	11.02
LF-14	Jun-19-91	10.03	12.89	5.87	7.02
LF-15	Jun-19-91	9.80	12.66	4.83	7.83
LF-16	Jun-19-91	10.10	12.96	4.53	8.43
BRIDGE	Jun-19-91	10.98	13.84	10.25	3.59
LF-B1	Jun-19-91	17.11	19.97	10.38	9.59
LF-B2	Jun-19-91	9.72	12.58	NM	NM
LF-B3	Jun-19-91	10.35	13.21	3.81	9.40
LF-B4	Jun-19-91	14.54	17.40	6.78	10.62

Notes:

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

Well elevations for LF-B-1, LF-B2, LF-B3, LF-B4, and LF-5 were resurveyed by Nolte Associates of San Jose, Ca. on August 6, 1991.

BRIDGE refers to railroad bridge crossing Temescal Creek at northwest corner of Site.

NM = Not measured.

TABLE 2

SEQUENCE OF WELLS SAMPLED, JUNE-AUGUST 1991

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

Sampling Date, Sampling Order, And Well Identification	Arsenic Results From Previous Sampling Reported In Parts Per Million
Samples Collected on June 19, 1991	
LF-B4-Trip Blank	
LF-B4	<0.002
LF-13	<0.002
LF-12	0.004
LF-B3-BR	
LF-B3	0.002
Samples Collected on June 20, 1991	
LF-B1	0.005
LF-7	<0.002
LF-8	0.020
LF-14	0.150
LF-15	0.007
LF-16	0.003
LF-11-TB	
LF-11-BR	
LF-11	0.011
LF-11-DUP	
Samples Collected on June 21, 1991	
LF-4-TB	
LF-4	0.190
LF-4-DUP	
LF-10	1.100
LF-9	0.120
LF-B2	0.008
LF-3	21.000
LF-1	120.000
Samples Collected on August 6, 1991	
LF-9-Trip Blank	
LF-9	0.120
LF-10	<0.002
LF-11	0.007
LF-5	0.008

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-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	139.800	
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-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	
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	

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	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-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	0.000	
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-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	
DUP	19-Jul-90	B&C	07-485-8	<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	
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	0.000	
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	0.000	
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	0.000	

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-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-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-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	0.000	
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	0.000	
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	0.000	
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-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	

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-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	0.006	<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-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	0.000	
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	

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-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	0.000	
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	0.000	
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	0.000	
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	0.000	

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	0.000	
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-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-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	
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	

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-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-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	0.000	
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	0.000	
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	0.000	
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	0.000	
DUP	20-Jun-91	ANA	9106251-04	8270	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.000	
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	

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-12	19-Jun-91	ANA	9106245-04	8270	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	0.000	
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	0.000	
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	0.000	
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	0.000	
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	0.000	
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	0.000	
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	

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-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	0.000	
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	
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	

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

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.

AMA: Anametrix Laboratory, San Jose, California

NOTES:

#1 LF-3 02/06/89 - Lab Data Reported the Following: Acenapthene at 0.016 ppm; Anthracene at 0.005 ppm; Benzo(a)anthracene at 0.005 ppm; Chrysene at 0.005 ppm; Dibenzofurena 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
LF-1	20-Jul-90	B&C	07-506-7	
LF-1	21-Jun-91	ANA	9106274-08	<0.050
LF-2	20-Jul-90	B&C	07-506-5	
LF-3	20-Jul-90	B&C	07-506-6	
LF-3	21-Jun-91	ANA	9106274-07	2.000
LF-4	20-Jul-90	B&C	07-506-3	
LF-4	21-Jun-91	ANA	9106274-02	0.780
LF-4-D	21-Jun-91	ANA	9106274-03	0.510
LF-5	20-Jul-90	B&C	07-506-2	
LF-5	06-Aug-91	ANA	9108069-05	4.700
LF-6	20-Jul-90	B&C	07-506-4	
LF-7	19-Jul-90	B&C	07-485-4	
LF-7	20-Jun-91	ANA	9106251-06	<0.050
LF-8	19-Jul-90	B&C	07-485-5	
LF-8	20-Jun-91	ANA	9106251-07	<0.050
LF-9	19-Jul-90	B&C	07-485-6	
LF-9	21-Jun-91	ANA	9106274-05	0.200
LF-10	19-Jul-90	B&C	07-485-7	
Duplicate	19-Jul-90	B&C	07-485-8	
LF-10	21-Jun-91	ANA	9106274-06	0.270
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-12	18-Jul-90	B&C	07-444-5	
LF-12	19-Jun-91	ANA	9106245-04	<0.050
LF-13	18-Jul-90	B&C	07-444-4	
LF-13	19-Jun-91	ANA	9106245-02	<0.050
LF-14	04-Sep-90	B&C	07-444-4	
LF-14	20-Jun-91	ANA	9106251-08	<0.050

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
LF-15	04-Sep-90	B&C	07-444-5	
LF-15	20-Jun-91	ANA	9106251-09	<0.050
LF-16	04-Sep-90	B&C	07-444-6	
LF-16	20-Jun-91	ANA	9106251-10	<0.050
LF-B1	18-Jul-90	B&C	07-444-9	
LF-B1	20-Jun-91	ANA	9106251-05	<0.050
LF-B2	18-Jul-90	B&C	07-444-6	
Duplicate	18-Jul-90	B&C	07-444-7	
LF-B2	21-Jun-91	ANA	9106274-04	<0.050
LF-B3	18-Jul-90	B&C	07-444-8	
LF-B3	19-Jun-91	ANA	9106245-05	<0.050
LF-B4	18-Jul-90	B&C	07-444-3	
LF-B4	19-Jun-91	ANA	9106245-01	<0.050
FIELD BLANKS & TRIP BLANKS				
LF-B4-TB	18-Jul-90	B&C	07-444-1	
LF-B4-BB	18-Jul-90	B&C	07-444-2	
LF-11-TB	19-Jul-90	B&C	07-485-1	
LF-11-BB	19-Jul-90	B&C	07-485-1	
LF-B3	19-Jun-91	ANA	9106245-06	<0.050
LF-11-BR	20-Jun-91	ANA	9106251-02	<0.050
LF-4-TB	21-Jun-91	ANA	9106274-01	<0.050

Notes:
B&C = Brown and Caldwell 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.

TABLE 7

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	Cadmium	Copper	Lead	Zinc	Barium	Nickel
LF-1	01-Jun-89	B&C	89060194	200/7000	200.000	<0.0400	<0.08	<0.300	0.590	NA	NA
LF-1	07-Dec-89	B&C	12-212-1	200/7000	190.000	<0.0400	<0.08	<0.300	0.020	NA	NA
LF-1	20-Jul-90	B&C	07-506-7	200/7000	120.000	<0.0500	<0.05	<0.200	0.260	0.060	NA
LF-1	20-Jun-91	ANA	9106274-08	200/7000	58.000	<0.005	<0.025	<0.004	0.236	NA	0.331
LF-2	02-Jun-89	B&C	89060501	200/7000	2.600	<0.0400	<0.08	<0.300	0.010	NA	NA
LF-2	07-Dec-89	B&C	12-212-3	200/7000	17.000	<0.0400	<0.08	<0.300	<0.010	NA	NA
LF-2	20-Jul-90	B&C	07-506-5	200/7000	110.000	<0.0500	<0.05	<0.200	<0.050	0.450	NA
LF-3	02-Jun-89	B&C	89060502	200/7000	27.000	<0.0400	<0.08	<0.300	<0.010	NA	NA
LF-3	07-Dec-89	B&C	12-212-2	200/7000	30.000	<0.0400	<0.08	<0.300	<0.010	NA	NA
LF-3	20-Jul-90	B&C	07-506-6	200/7000	21.000	<0.0500	<0.05	<0.200	<0.050	0.420	NA
LF-3	20-Jun-91	ANA	9106274-07	200/7000	60.400	<0.005	<0.025	<0.004	0.028	NA	<0.005
LF-4	02-Jun-89	B&C	89060503	200/7000	0.530	<0.0400	<0.08	<0.300	<0.010	NA	NA
Duplicate	02-Jun-89	B&C	89060504	200/7000	0.580	<0.0400	<0.08	<0.300	7.000	NA	NA
LF-4	06-Dec-89	B&C	12-174-1	200/7000	0.420	<0.0400	<0.08	<0.300	<0.010	NA	NA
Duplicate	06-Dec-89	B&C	12-174-6	200/7000	0.550	<0.0400	<0.08	<0.300	0.010	NA	NA
LF-4	20-Jul-90	B&C	07-506-3	200/7000	0.190	<0.0500	<0.05	<0.200	<0.050	0.160	NA
LF-4	20-Jun-91	ANA	9106274-02	200/7000	0.510	<0.005	<0.025	0.015	0.071	NA	<0.005
LF-4-DUP	20-Jun-91	ANA	9106274-03	200/7000	0.493	<0.005	<0.025	0.010	0.109	NA	<0.005
LF-5	01-Jun-89	B&C	89060192	200/7000	0.017	<0.0400	<0.08	<0.300	0.040	NA	NA
LF-5	06-Dec-89	B&C	12-174-2	200/7000	*<0.070	<0.0400	<0.08	<0.300	<0.010	NA	NA
LF-5	20-Jul-90	B&C	07-506-2	200/7000	0.020	<0.0500	<0.05	<0.200	0.050	0.170	NA
LF-5	20-Jun-91	ANA	9108069-05	200/7000	0.038	<0.005	<0.025	0.003	<0.020	NA	<0.005
LF-6	01-Jun-89	B&C	89060193	200/7000	13.000	0.0900	<0.08	<0.300	0.120	NA	NA
LF-6	05-Dec-89	B&C	12-128-3	200/7000	16.000	0.0600	<0.08	<0.300	<0.010	NA	NA
LF-6	20-Jul-90	B&C	07-506-4	200/7000	14.000	<0.0500	<0.05	<0.200	0.060	0.210	NA

TABLE 7

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	Cadmium	Copper	Lead	Zinc	Barium	Nickel
LF-7	01-Jun-89	B&C	89060191	200/7000	0.008	<0.0400	<0.08	<0.300	<0.010	NA	NA
LF-7	06-Dec-89	B&C	12-174-3	200/7000	*<0.070	<0.0400	<0.08	<0.300	0.020	NA	NA
LF-7	19-Jul-90	B&C	07-485-4	200/7000	<0.002	<0.0500	<0.05	<0.200	<0.050	0.060	NA
LF-7	20-Jun-91	ANA	9106251-06	200/7000	0.012	<0.005	<0.025	<0.004	<0.020	NA	<0.005
LF-8	05-Dec-89	B&C	12-128-4	200/7000	*<0.070	<0.0400	<0.08	<0.300	<0.010	NA	NA
LF-8	19-Jul-90	B&C	07-485-4	200/7000	<0.002	<0.0500	<0.05	<0.200	<0.050	0.120	NA
LF-8	21-Dec-90	B&C	12-529-3	200/7000	0.020	0.0015	0.09	<0.200	0.250	0.590	NA
LF-8	20-Jun-91	ANA	9106251-07	200/7000	0.021	<0.005	<0.025	<0.004	<0.020	NA	<0.005
LF-9	05-Dec-89	B&C	12-128-1	200/7000	0.067	<0.0400	<0.08	<0.300	0.020	NA	NA
LF-9	19-Jul-90	B&C	07-485-7	200/7000	0.008	<0.0500	<0.05	<0.200	<0.050	0.110	NA
LF-9	21-Dec-90	B&C	12-529-5	200/7000	0.120	0.0029	<0.05	<0.200	0.730	0.270	NA
LF-9	20-Jun-91	ANA	9106274-05	200/7000	0.075	<0.005	<0.025	0.012	0.100	NA	<0.005
LF-9	06-Aug-91	ANA	9108069-02	200/7000	0.131	NA	NA	NA	NA	NA	NA
LF-10	07-Dec-89	B&C	12-212-5	200/7000	0.650	<0.0400	<0.08	<0.300	<0.010	NA	NA
LF-10	19-Jul-90	B&C	07-485-7	200/7000	0.012	<0.0500	<0.05	<0.200	<0.050	0.110	NA
Duplicate	19-Jul-90	B&C	07-485-8	200/7000	0.008	<0.0500	<0.05	<0.300	0.070	0.140	NA
LF-10	21-Dec-90	B&C	12-529-6	200/7000	1.000	0.0009	<0.05	<0.200	<0.050	0.330	NA
Duplicate	21-Dec-90	B&C	12-529-7	200/7000	1.100	0.0007	<0.05	<0.300	0.070	0.350	NA
LF-10	20-Jun-91	ANA	9106274-06	200/7000	0.657	<0.005	<0.025	0.013	0.064	NA	0.006
LF-10	06-Aug-91	ANA	9108069-02	200/7000	1.090	NA	NA	NA	NA	NA	NA
LF-11	05-Dec-89	B&C	12-128-2	200/7000	*<0.070	<0.0400	<0.08	<0.300	0.020	NA	NA
LF-11	19-Jul-90	B&C	07-485-5	200/7000	0.007	<0.0500	<0.05	<0.200	<0.050	0.120	NA
LF-11	21-Dec-90	B&C	12-529-4	200/7000	0.011	0.0006	<0.05	<0.200	<0.050	0.180	NA
LF-11	20-Jun-91	ANA	9106251-06	200/7000	0.023	<0.005	<0.025	0.007	<0.020	NA	0.005
LF-11	20-Jun-91	ANA	9106251-07	200/7000	0.024	<0.005	<0.025	0.006	<0.020	NA	0.007
LF-11	06-Aug-91	ANA	9108069-04	200/7000	0.021	NA	NA	NA	NA	NA	NA

TABLE 7

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	Cadmium	Copper	Lead	Zinc	Barium	Nickel
LF-12	06-Dec-89	B&C	12-174-2	200/7000	*<0.070	<0.0400	<0.08	<0.300	0.020	NA	NA
LF-12	18-Jul-90	B&C	07-444-5	200/7000	0.004	<0.0500	<0.05	<0.300	<0.200	0.060	NA
LF-12	19-Jun-91	ANA	9106245-04	200/7000	<0.010	<0.005	<0.025	<0.004	<0.020	NA	0.014
LF-13	06-Dec-89	B&C	12-174-7	200/7000	*<0.070	<0.0400	<0.08	<0.300	0.020	NA	NA
LF-13	18-Jul-90	B&C	07-444-4	200/7000	<0.002	<0.0500	<0.05	<0.200	<0.050	<0.050	NA
LF-13	19-Dec-90	B&C	12-474-4	200/7000	<0.002	<0.0005	<0.05	<0.200	<0.050	0.100	NA
LF-13	19-Jun-91	ANA	9106245-03	200/7000	<0.010	<0.005	<0.025	<0.004	<0.020	NA	0.013
LF-14	04-Sep-90	B&C	09-014-1	200/7000	0.092	<0.0005	<0.005	0.007	<0.050	0.060	NA
LF-14	02-Oct-90	B&C	10-034-2	200/7000	0.077	NA	NA	NA	NA	NA	NA
LF-14	20-Dec-90	B&C	12-505-7	200/7000	0.150	0.0036	<0.050	<0.200	0.410	0.470	NA
LF-14	20-Jun-91	ANA	9106251-08	200/7000	0.095	<0.005	<0.025	<0.004	<0.020	NA	<0.005
LF-15	04-Sep-90	B&C	09-014-2	200/7000	0.002	<0.0005	<0.005	0.043	<0.050	0.060	NA
LF-15	20-Dec-90	B&C	12-505-6	200/7000	0.007	0.0007	<0.05	<0.200	0.100	0.230	NA
LF-15	20-Jun-91	ANA	9106251-09	200/7000	<0.010	<0.005	<0.025	<0.004	<0.020	NA	0.006
LF-16	04-Sep-90	B&C	09-014-3	200/7000	0.003	<0.0005	<0.005	<0.002	<0.050	0.060	NA
LF-16	20-Dec-90	B&C	12-505-5	200/7000	0.003	0.0007	<0.05	<0.200	0.070	0.170	NA
LF-16	20-Jun-91	ANA	9106251-10	200/7000	0.010	<0.005	<0.025	<0.004	<0.020	NA	0.018
LF-B1	07-Dec-89	B&C	12-212-6	200/7000	*<0.070	<0.0400	<0.08	<0.300	<0.010	NA	NA
LF-B1	18-Jul-90	B&C	7-444-6	200/7000	0.007	<0.0500	<0.05	<0.2	<0.050	0.08	NA
LF-B1	20-Dec-90	B&C	12-505-4	200/7000	0.005	0.0010	<0.05	<0.200	<0.050	0.100	NA
LF-B1	20-Jun-91	ANA	9106251-05	200/7000	<0.010	<0.005	<0.025	0.004	<0.020	NA	<0.005
LF-B2	06-Dec-89	B&C	12-174-5	200/7000	*<0.070	<0.0400	<0.08	<0.300	0.020	NA	NA
LF-B2	18-Jul-90	B&C	7-444-9	200/7000	0.005	<0.0500	<0.05	<0.200	<0.050	0.140	NA
Duplicate	18-Jul-90	B&C	7-444-	200/7000	0.004	<0.0500	<0.05	<0.200	<0.050	0.150	NA
LF-B2	19-Dec-90	B&C	12-474-6	200/7000	0.008	0.0026	<0.05	<0.200	0.170	0.320	NA

TABLE 7

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	Cadmium	Copper	Lead	Zinc	Barium	Nickel
LF-B2	20-Jun-91	ANA	9106274-04	200/7000	<0.010	<0.005	<0.025	0.005	0.075	NA	<0.005
LF-B3	07-Dec-89	B&C	12-212-6	200/7000	*<0.070	<0.0400	<0.08	<0.300	0.010	NA	NA
LF-B3	18-Jul-90	B&C	7-444-8	200/7000	0.003	<0.0500	<0.05	<0.200	<0.050	0.100	NA
LF-B3	20-Dec-90	B&C	12-505-3	200/7000	0.002	<0.0005	<0.05	<0.200	<0.050	0.160	NA
LF-B3	19-Jun-91	ANA	9106245-05	200/7000	<0.010	<0.005	<0.025	<0.004	<0.020	NA	<0.005
LF-B4	17-Jul-90	B&C	07-444-3	200/7000	0.003	<0.0500	<0.05	<0.200	<0.050	0.080	NA
LF-B4	19-Dec-90	B&C	12-474-3	200/7000	<0.002	0.0014	<0.05	<0.200	0.080	0.080	NA
LF-B4	19-Jun-91	ANA	9106245-01	200/7000	<0.010	<0.005	<0.025	<0.004	<0.020	NA	<0.005
FIELD & TRIP BLANKS											
LF-1-FB	01-Jun-89	B&C	89060195	200/7000	0.012	<0.0400	<0.08	<0.300	<0.010	NA	NA
LF-1-FB	07-Dec-89	B&C	12-212-2	200/7000	0.003	<0.0400	<0.08	<0.300	<0.010	NA	NA
LF-B1-FB	07-Dec-89	B&C	12-212-7	200/7000	0.014	<0.0400	<0.08	<0.300	<0.010	NA	NA
Trip Blank	07-Dec-89	B&C	12-212-9	200/7000	0.013	<0.0400	<0.08	<0.300	<0.010	NA	NA
LF-B4-TB	18-Jul-90	B&C	07-444-1	200/7000	<0.002	<0.0500	<0.05	<0.200	<0.050	NA	NA
LF-B4-BB	18-Jul-90	B&C	07-444-2	200/7000	<0.002	<0.0500	<0.05	<0.200	0.060	NA	NA
LF-11-TB	19-Jul-90	B&C	07-485-1	200/7000	<0.002	<0.0500	<0.05	0.200	<0.050	NA	NA
LF-11-BB	19-Jul-90	B&C	07-485-2	200/7000	<0.002	<0.0500	<0.05	<0.200	<0.050	NA	NA
LF-5- TB	20-Jul-90	B&C	07-506-1	200/7000	0.002	<0.0500	<0.05	<0.200	<0.050	NA	NA
LF-16-TB	04-Sep-90	B&C	09-014-4	200/7000	<0.002	<0.0005	<0.005	0.005	<0.050	NA	NA
LF-B4-TB	19-Dec-90	B&C	12-474-1	200/7000	<0.002	<0.0005	<0.05	<0.200	<0.050	<0.050	NA
LF-B4-BB	19-Dec-90	B&C	12-474-2	200/7000	<0.002	<0.0005	<0.05	<0.200	0.060	<0.050	NA
LF-B3-TB	20-Dec-90	B&C	12-505-1	200/7000	<0.002	<0.0005	<0.05	<0.200	<0.050	<0.050	NA
LF-B3-BR	20-Dec-90	B&C	12-505-2	200/7000	<0.002	<0.0005	<0.05	<0.200	<0.050	<0.050	NA
LF-8-TB	21-Dec-90	B&C	12-529-1	200/7000	<0.002	<0.0005	<0.05	<0.200	<0.050	<0.050	NA
LF-8-BR	21-Dec-90	B&C	12-529-2	200/7000	<0.002	<0.0005	<0.05	<0.200	<0.050	<0.050	NA

TABLE 7

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	Cadmium	Copper	Lead	Zinc	Barium	Nickel
LF-B3-BR	19-Jun-91	ANA	9106245-06	200/7000	<0.010	<0.005	<0.025	<0.004	<0.020	NA	<0.005
LF-B4-TB	19-Jun-91	ANA	9106245-02	200/7000	<0.010	<0.005	<0.025	<0.004	<0.020	NA	<0.005
LF-4-TB	20-Jun-91	ANA	9106274-01	200/7000	<0.010	<0.005	<0.025	<0.004	<0.020	NA	<0.005
LF-11-TB	20-Jun-91	ANA	9106251-01	200/7000	<0.010	<0.005	<0.025	<0.004	<0.020	NA	<0.005
LF-11-BR	20-Jun-91	ANA	9106251-02	200/7000	<0.010	<0.005	<0.025	<0.004	<0.020	NA	<0.005
Trip Blank	06-Aug-91	ANA	9108069-01	200/7000	<0.010	NA	NA	<0.003	<0.020	NA	NA

Notes to Table 7:

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

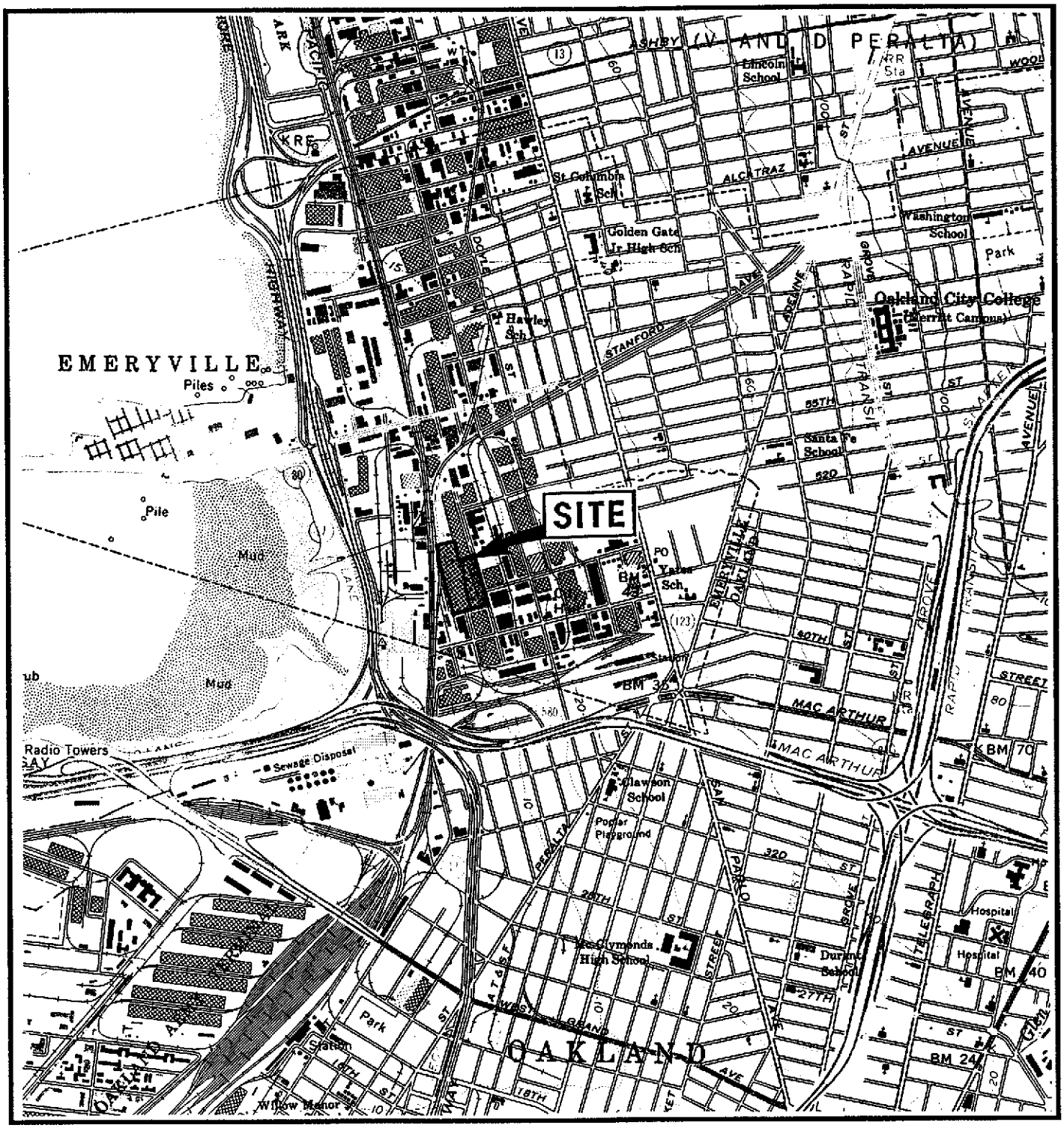
NA = Not Analyzed

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

Analytical Laboratories:

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

ANA: Anametrix Laboratory, San Jose, California



MAP SOURCE:
U.S.G.S. Oakland West Quadrangle,
Oakland, California
7.5 Minute Series

Figure 1 : SITE LOCATION MAP

Project No. 1563

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JDR11JUL89em

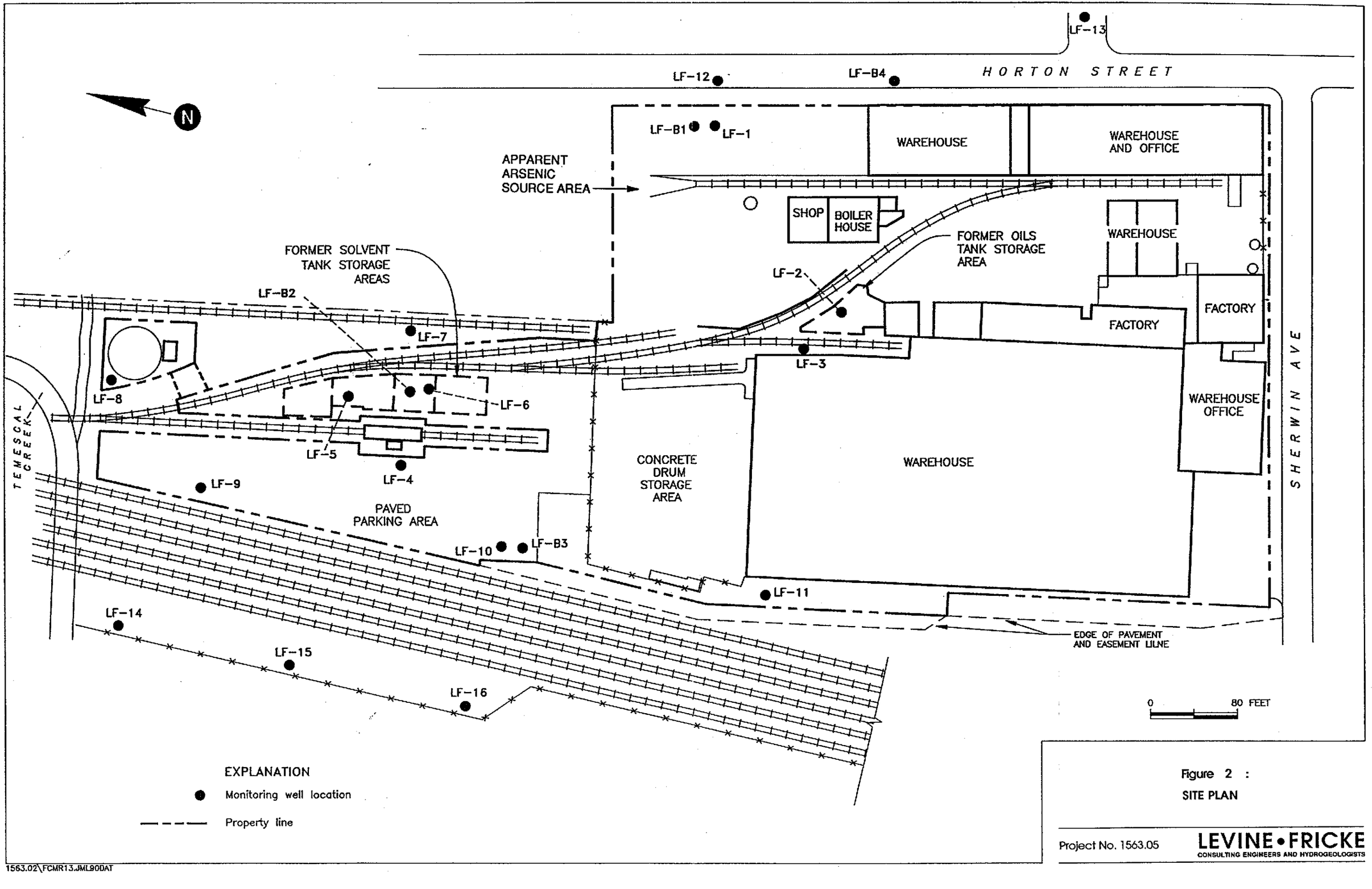

Figure 2 :
SITE PLAN

Project No. 1563.05

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1563.02\FCMR13.JML90DAT

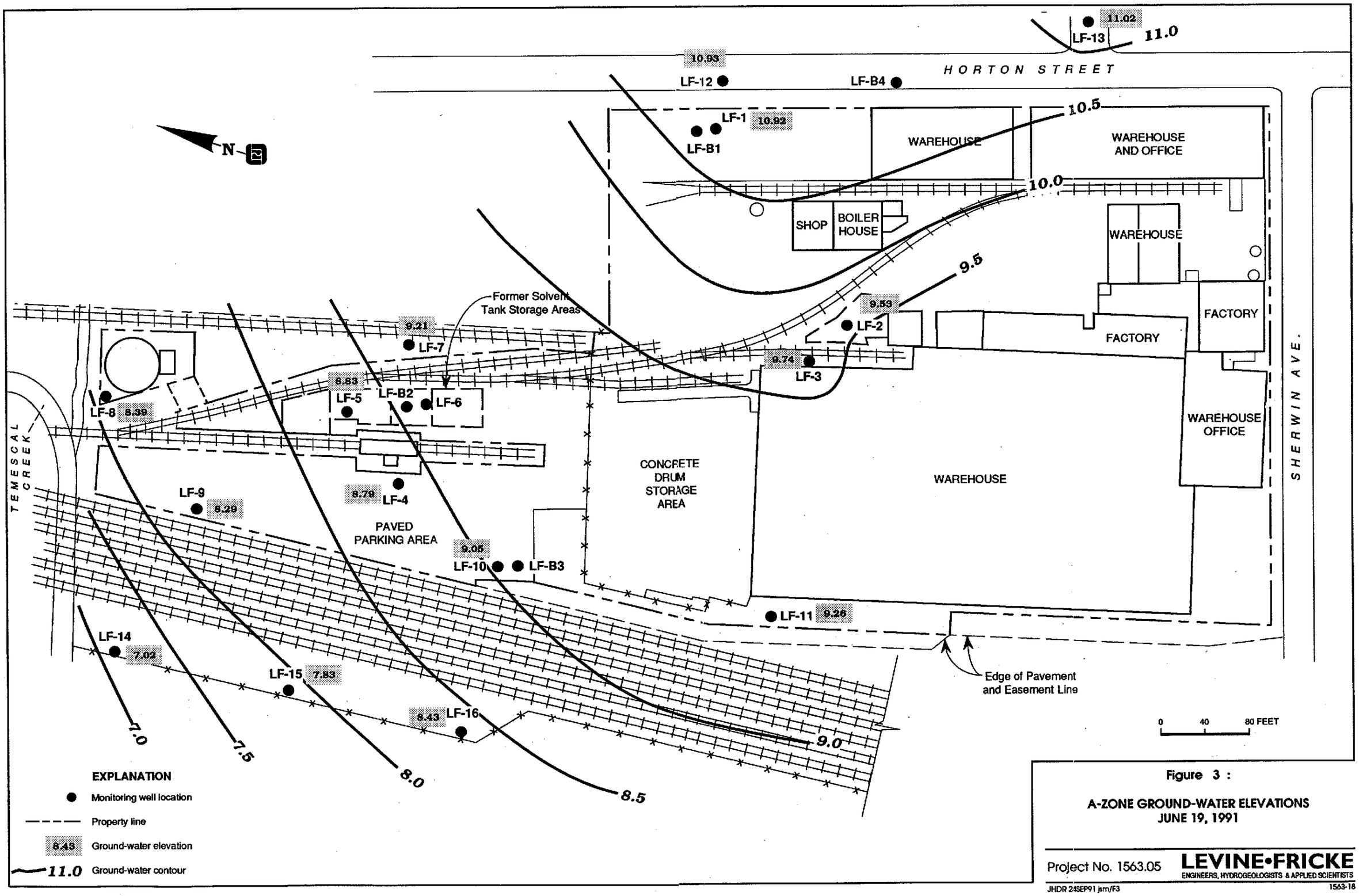

Figure 3 :

A-ZONE GROUND-WATER ELEVATIONS
JUNE 19, 1991

Project No. 1563.05

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JHDR 24SEP91 jsm/F3

1563-18

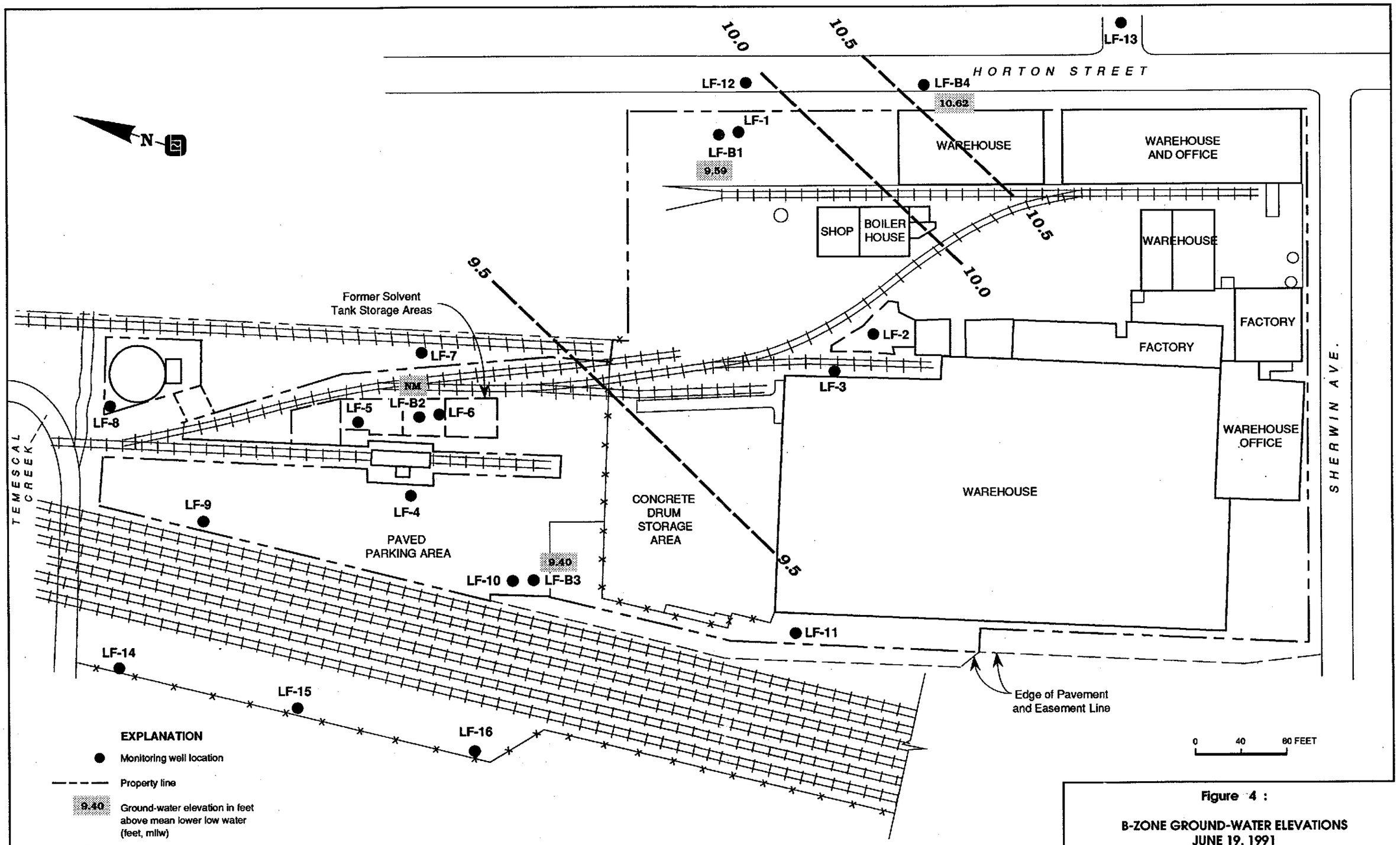

Figure 4 :

B-ZONE GROUND-WATER ELEVATIONS
JUNE 19, 1991

Project No. 1563.05

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JHDR 24SEP91 jsm/F4

1563-40

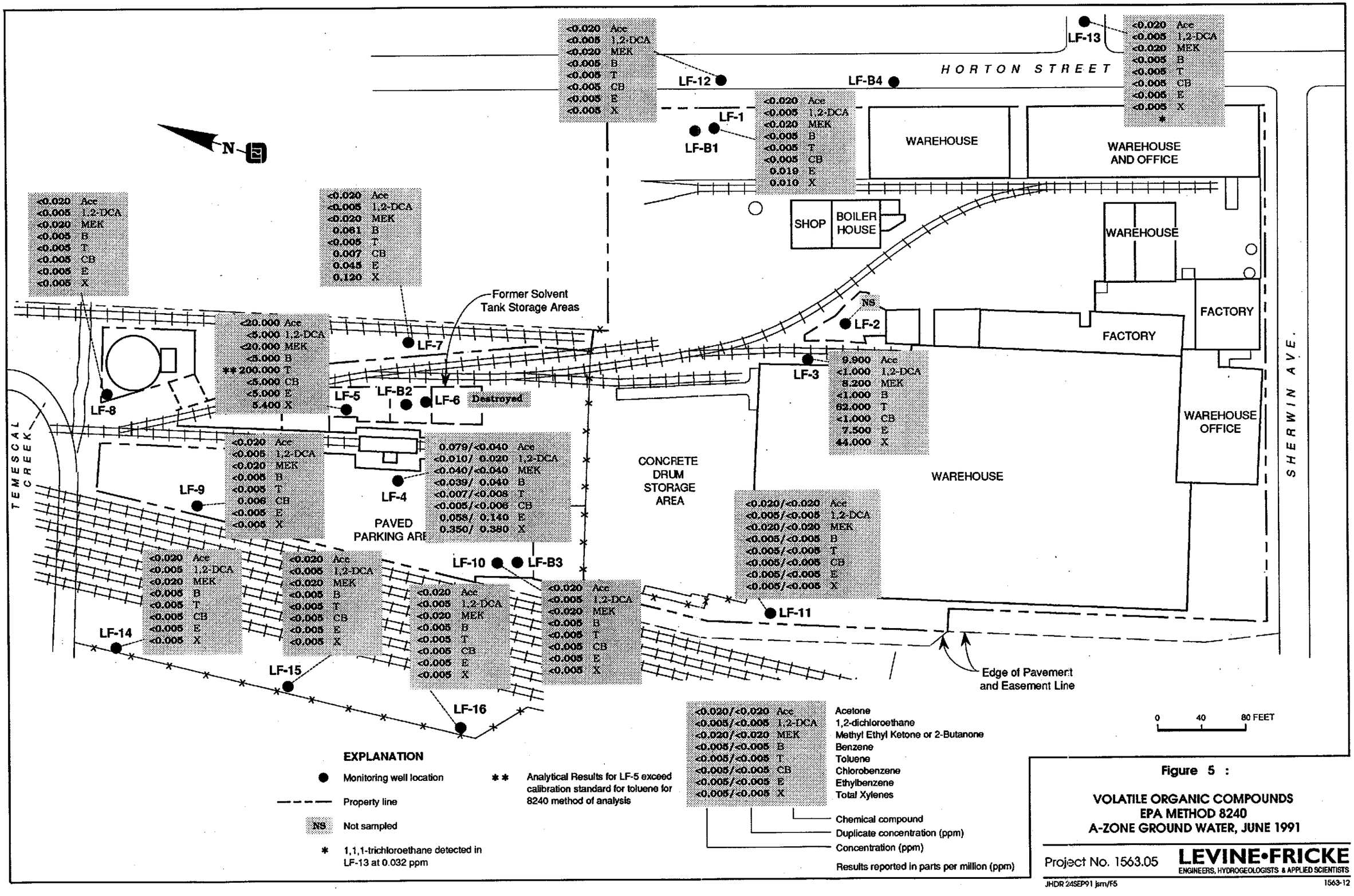

Figure 5 :

VOLATILE ORGANIC COMPOUNDS
EPA METHOD 8240
A-ZONE GROUND WATER, JUNE 1991

Project No. 1563.05

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JHDR 24SEP91 jsm/F5

1563-12

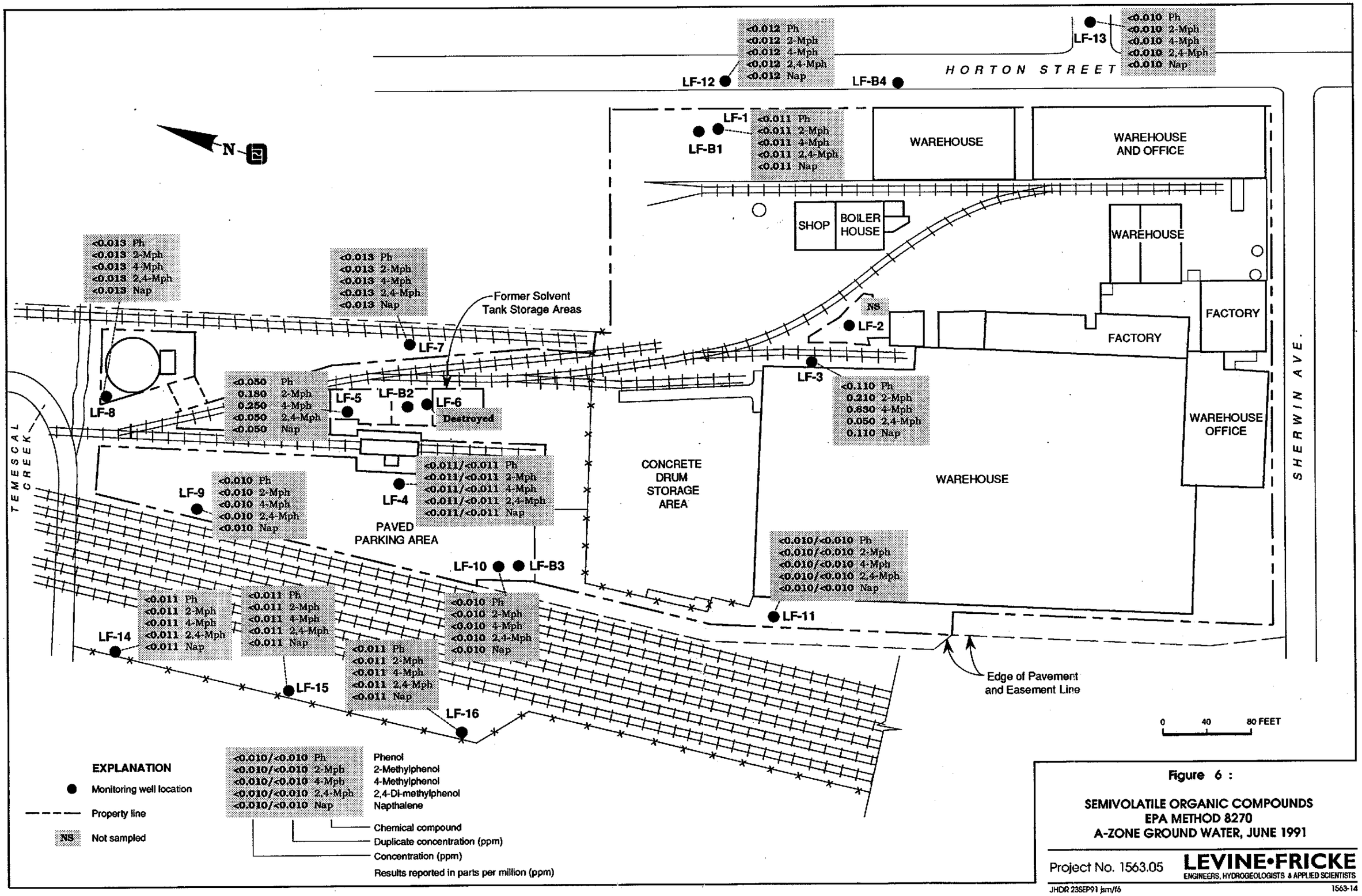

Figure 6 :

SEMIVOLATILE ORGANIC COMPOUNDS
EPA METHOD 8270
A-ZONE GROUND WATER, JUNE 1991

Project No. 1563.05

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JHDR 23SEP91 jsm/f6

1563-14

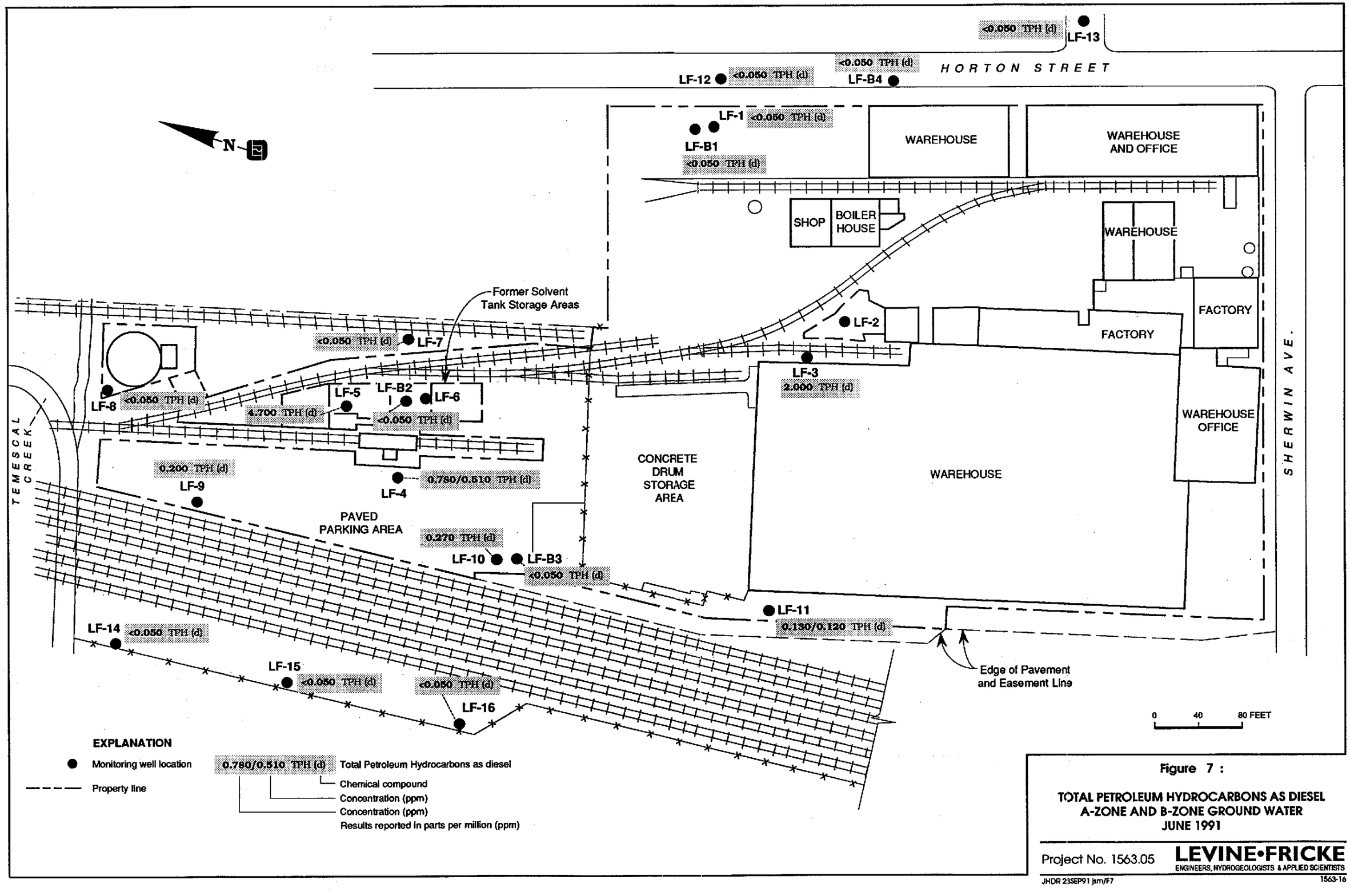

Figure 7 :

TOTAL PETROLEUM HYDROCARBONS AS DIESEL A-ZONE AND B-ZONE GROUND WATER JUNE 1991

Project No. 1563.05

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JHDR 23SEP91 jsm/F7

1563-16

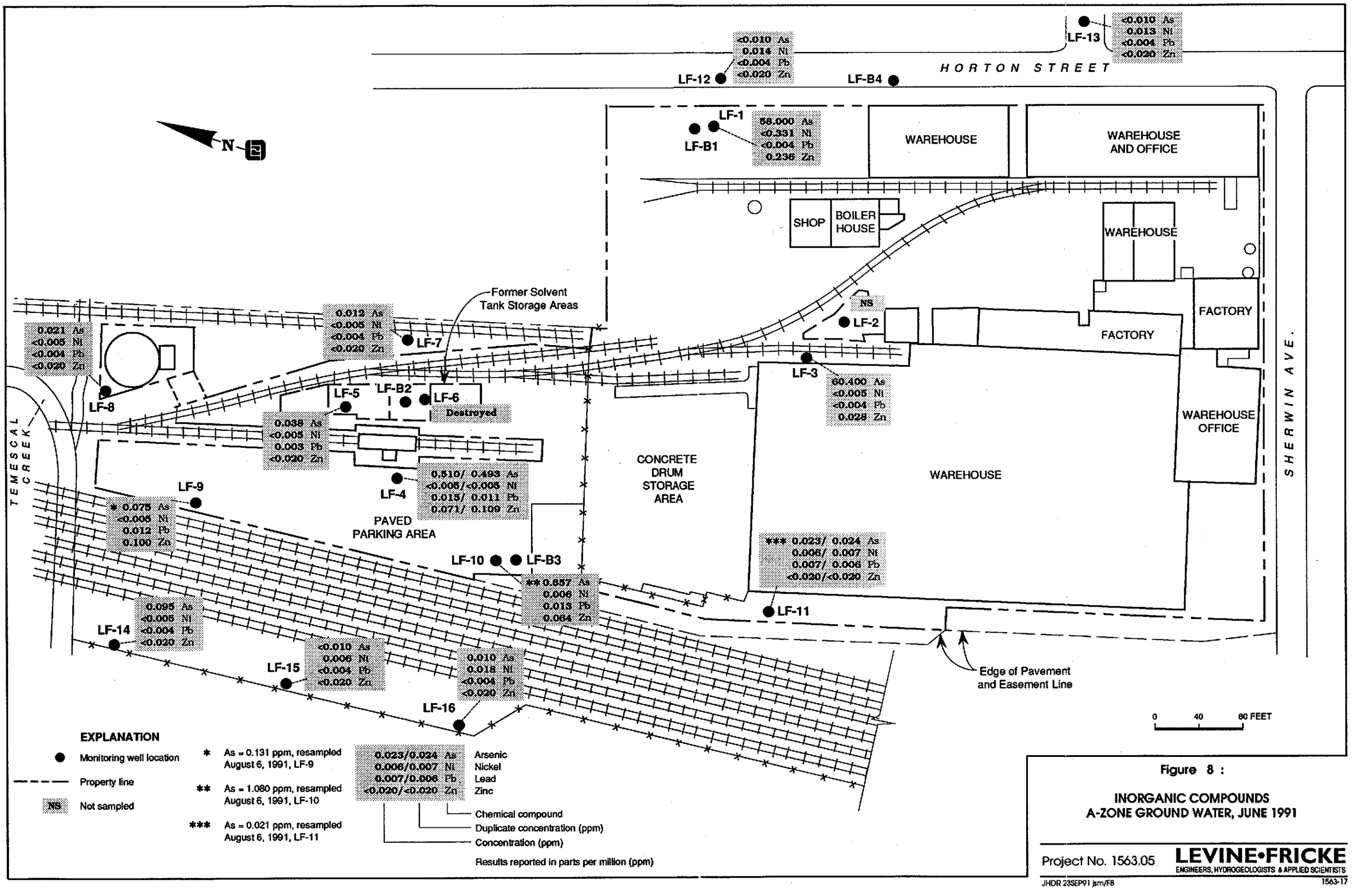


Figure 8 :

INORGANIC COMPOUNDS
A-ZONE GROUND WATER, JUNE 1991

Project No. 1563.05

LEVINE•FRICKE
ENGINEERS, HYDROGEOLOGISTS & APPLIED SCIENTISTS

JHDR 23SEP91 jsm/F8

1563-17

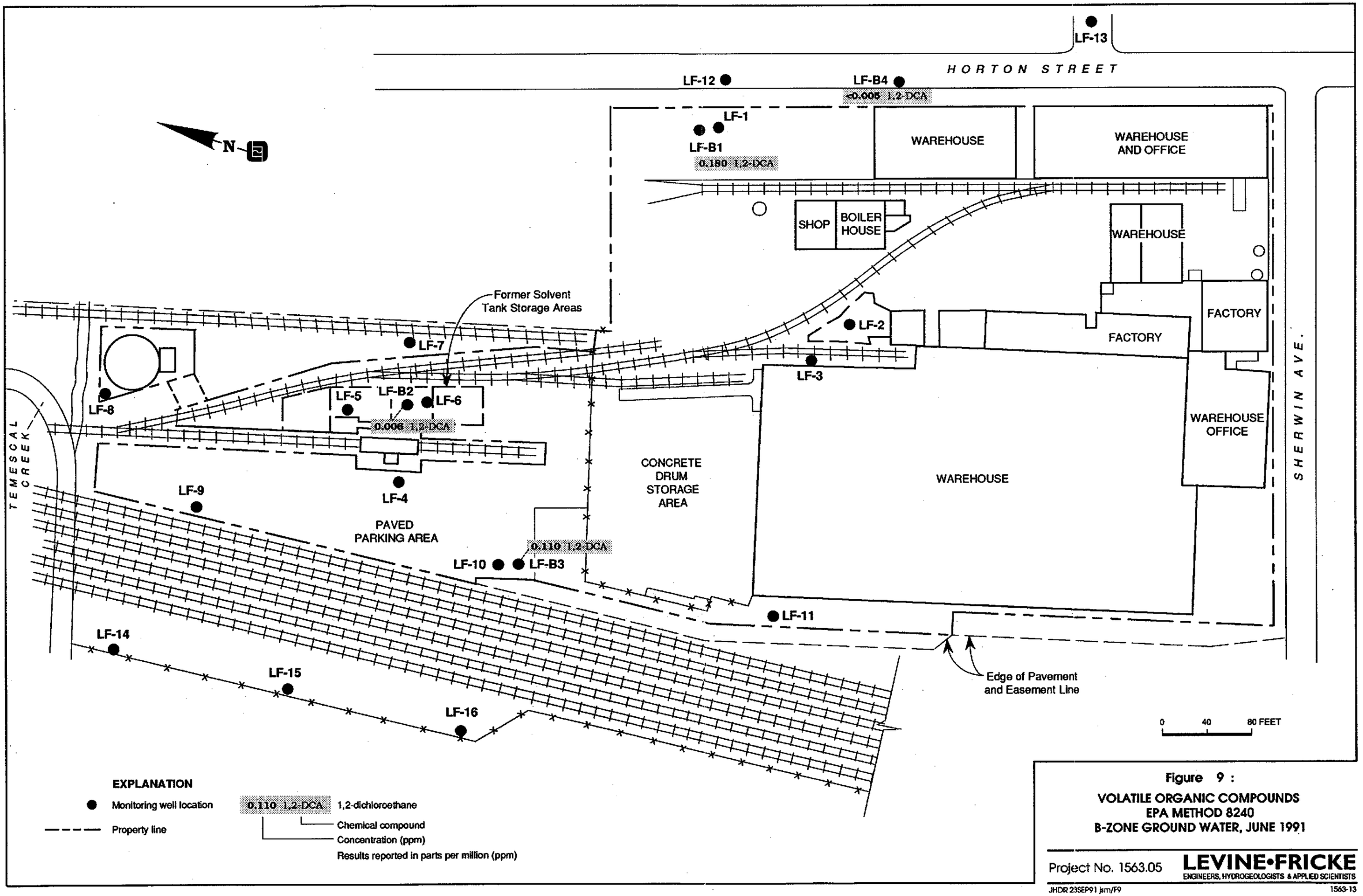


Figure 9 :

VOLATILE ORGANIC COMPOUNDS
EPA METHOD 8240
B-ZONE GROUND WATER, JUNE 1991

Project No. 1563.05

LEVINE•FRICKE
ENGINEERS, HYDROGEOLOGISTS & APPLIED SCIENTISTS

JHDR 23SEP91 jsm/F9

1563-13

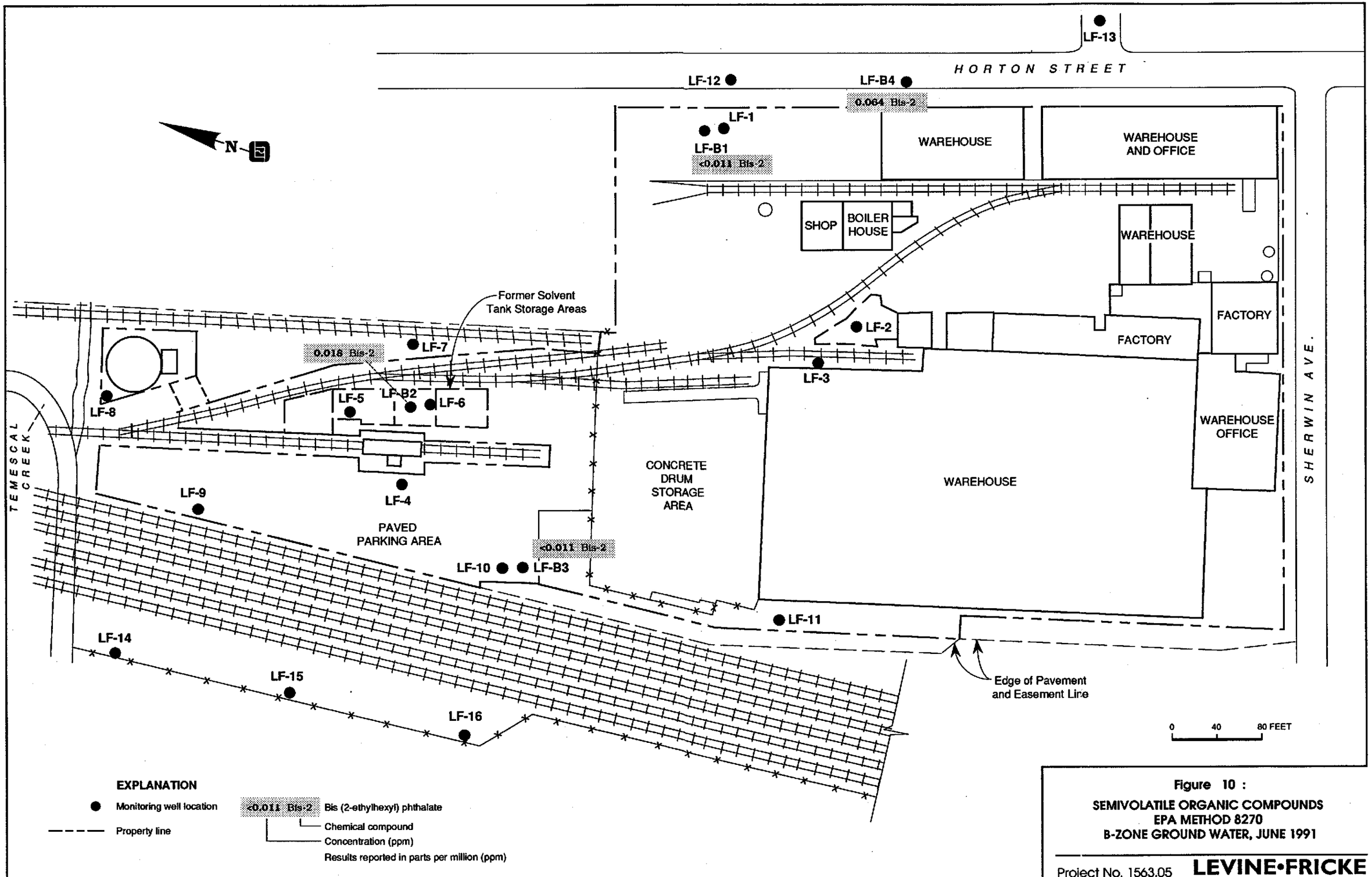


Figure 10 :

SEMIVOLATILE ORGANIC COMPOUNDS
EPA METHOD 8270
B-ZONE GROUND WATER, JUNE 1991

Project No. 1563.05

LEVINE•FRICKE
ENGINEERS, HYDROGEOLOGISTS & APPLIED SCIENTISTS

JHDR 23SEP91 jsm/F10

1563-15

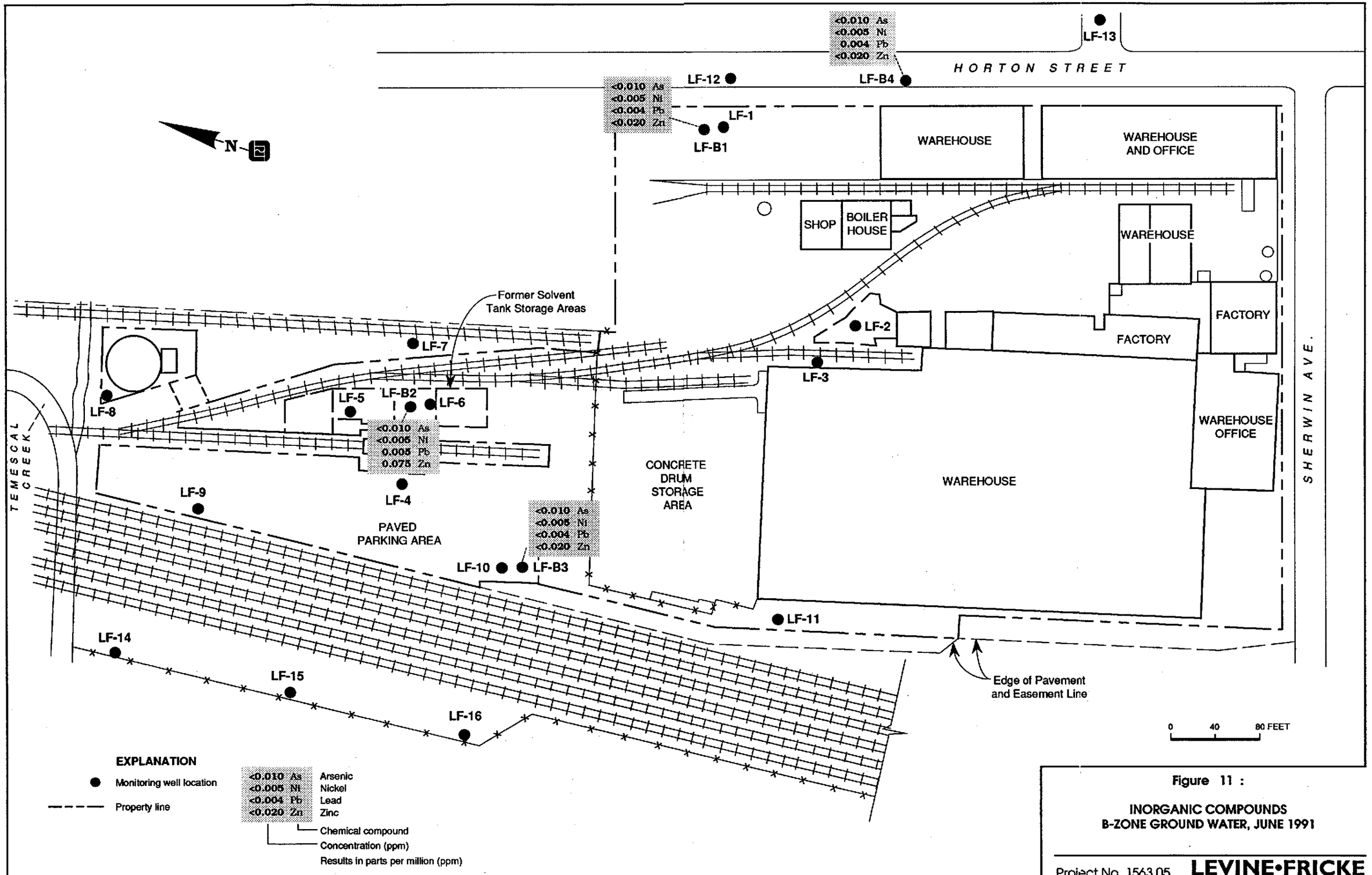


Figure 11 :

INORGANIC COMPOUNDS
B-ZONE GROUND WATER, JUNE 1991

Project No. 1563.05

LEVINE•FRICKE
ENGINEERS, HYDROGEOLOGISTS & APPLIED SCIENTISTS

JHDR 21SEP91 jsm/F11

1563-08

APPENDIX A

GROUND-WATER SAMPLING FIELD DATA SHEETS

LEVINE•FRICKE

WATER-QUALITY SAMPLING INFORMATION

Project Name Sherman Williams — Project No. 1563.06

Date 6/21/91 — Sample No. LF-1

Samplers Name TL, JCK

Sampling Location

Sampling Method hand bail / disposable teflon bailer

Analyses Requested EPA 8240, 8270, TPH-diesel, metals

Number and Types of Sample Bottles used 7 bottles

Method of Shipment courier

GROUND WATER

Well No. LF-1

Well Diameter (in.) 2

Depth to Water, Static (ft) 8.90

Water in Well Box no

Well Depth (ft) 13.93

Height of Water Column in Well 5.03

Water Volume in Well .8 gal = 1.0 gal

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

13.93
- 8.90
5.03
× .16
3018
5030
.8048

LOCATION MAP

TIME	DEPTH TO WATER (feet)	VOLUME WITHDRAWN (gallons)	TEMP (deg. C)	pH (S.U.)	COND (mhos/cm)	OTHER		REMARKS
15:06								
15:11		1	18.8	5.90	2130			SLIGHTLY TURBID
15:14		2	18.3	5.83	1990			"
15:17		3	18.1	5.77	1920			"
15:30								SAMPLE
15:35	9.07							

Suggested Method for Purging Well

LEVINE-FRICKE

WATER-QUALITY SAMPLING INFORMATION

Project Name SHERWIN WILLIAMS Project No. 1563.06

Date 6-21-91 Sample No. LF-2

Samplers Name JCK TLL

Sampling Location LF-2

Sampling Method DISPOSABLE BAILER

Analyses Requested 8240, 8270, TPH-D, METALS

Number and Types of Sample Bottles used 4 1-LITER, 1 500ML PLASTIC 3 VOA

Method of Shipment COURIER

10.35
5.60
4.75
.16
7850
475
.7600

LOCATION MAP

GROUND WATER

Well No. LF-2

Well Diameter (in.) 2.

Depth to Water, Static (ft) 5.60

Water in Well Box NO

Well Depth (ft) 10.35

Height of Water Column in Well 4.75

Water Volume in Well .76

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
12:39								
								NOT SAMPLED
								ENCOUNTERED
								FLOATING PRODUCT
								LT AMBER -
								AT LEAST 4" OF
								IN BAILER

Suggested Method for Purging Well

LEVINE • FRICKE

WATER-QUALITY SAMPLING INFORMATION

Project Name SHERWIN WILLIAMS Project No. 1563.06

Date 6-21-91 Sample No. LF-3

Samplers Name JCK TLL

Sampling Location LF-3

Sampling Method HAND BAIL / DISPOSABLE BAILER

Analyses Requested 8240, 8270, TPH-D, METALS

Number and Types of Sample Bottles used 4L. AMBER, 1 500 ml PLASTIC 3 VOA

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

Well Depth (ft) 10.35

Height of Water Column in Well 5.26

Water Volume in Well .84

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
526
8416

LOCATION MAP

TIME	DEPTH TO WATER (feet)	VOLUME WITHDRAWN (gallons)	TEMP (deg. C)	pH (S.U.)	COND (mhos/cm)	OTHER		REMARKS
14:15								START BAILING
14:17		1	~~18.7~~	6.44	3080			SLIGHTLY TURBID
14:20		2	18.2	6.53	2940			"
14:23		3	17.7	6.61	2730			
14:30								SAMPLE
14:32	6.20							
								WATER VERY
								EFFERVESCENT
								IN VOAs

Suggested Method for Purging Well

LEVINE•FRICKE

WATER-QUALITY SAMPLING INFORMATION

Project Name SHERWIN WILLIAMS

Project No. 1563.06

Date 6-21-91

Sample No. LF-4

LF-4-D

Samplers Name JCK TLL

Sampling Location LF-4

Sampling Method ~~PERI POMP~~ / ~~TEFLON~~ DISPOSABLE BAILER (hand bail)

Analyses Requested ~~8240, 8270~~, TPH-D, METALS

Number and Types of Sample Bottles used 7 BOTTLES

Method of Shipment COURIER

13.42
-7.13
6.29
x .16
3774
629
1006.4

LOCATION MAP

GROUND WATER

Well No. LF-4

Well Diameter (in.) 2

Depth to Water, Static (ft) 7.13

Water in Well Box

Well Depth (ft) 13.42

Height of Water Column in Well 6.29

Water Volume in Well 1 gal

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
915		1.0	16.5	6.54	1090			slightly turbid
919		2.0	16.6	6.53	1145			slightly turbid
921		3.0	16.5	6.54	1151			slightly turbid
930								sampled LF-4
1030								sampled LF-4D
10:00	7.21							

Suggested Method for Purging Well hand bail

LEVINE • FRICKE

WATER-QUALITY SAMPLING INFORMATION

Project Name: Sherwin - Williams
Project No.: 1563.06
Date: 05-06-91
Sample No.: LF-5
Samplers Name: KAG-LPL
Sampling Location: LF-5
Sampling Method: hand bail / disposable bailer
Analyses Requested: 8240, 8270, TPH-D, Basin Plan Metals
Number and Types of Sample Bottles used: 3 VOAs, 4 1 liter ambers, 1 plastic liter
Method of Shipment: –

10.12
4.56
5.56
.16
>336
<560
.8.96

LOCATION MAP

GROUND WATER

Well No.: LF-5
Well Diameter (in.): 2 inch
Depth to Water, Static (ft): 4.56
Water in Well Box: no
Well Depth (ft): 10.12
Height of Water Column in Well: 5.56
Water Volume in Well: 0.9 gal

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
1257								start bailing
1258		1 gal	20.8	6.55	1205			sl turbid
1259		2.0	20.6	6.50	1178			clear, foamy
1300		3.0	20.1	6.48	1134			clear stop bailing
1305	4.93							

Suggested Method for Purging Well: _____

LEVINE • FRICKE

WATER-QUALITY SAMPLING INFORMATION

Project Name Sharon Williams — Project No. 1563.06

Date 6/20/91 — Sample No. LF-7

Samplers Name JCK, TLL

Sampling Location

Sampling Method hand bail teflon, disposable teflon bailer

Analyses Requested EPA 8240, 8270, TPH-D, Metals

Number and Types of Sample Bottles used 4l amber, 3 voas, 2-500ml plstc

Method of Shipment courier

GROUND WATER

Well No. LF-7

Well Diameter (in.) 2

Depth to Water, Static (ft) 4.80

Water in Well Box no

Well Depth (ft) 17.04

Height of Water Column in Well 12.24'

Water Volume in Well 20 gal

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
4.80
12.24
K .16
7344
12246
15584

LOCATION MAP

TIME	DEPTH TO WATER (feet)	VOLUME WITHDRAWN (gallons)	TEMP (deg. C)	pH (S.U.)	COND (mhos/cm)	OTHER		REMARKS
958								start bailing
1002		2.0	18.7	6.40	887			turbid
1004		4.0	18.5	6.37	923			slightly turbid
1007			18.6	6.38	937			slightly turbid
1015								sampled
1030	4.80							

Suggested Method for Purging Well cent. pump.

10-30-89
LEVINE•FRICKE

WATER-QUALITY SAMPLING INFORMATION

Project Name SHERWIN-WILLIAMS
Project No. 1563.06
Date 6-20-91
Sample No. GF-8
Samplers Name JCK TLL
Sampling Location GF-8
Sampling Method HAND BAIL TEFCON / DISPOSABLE BAILER
Analyses Requested 8240, 8270, TPH-D, METALS
Number and Types of Sample Bottles used 4 L. Amber, 3 VOA,
Method of Shipment COURIER

17.03
7.31
9.72
.16
5832
972
1.5652

GROUND WATER

Well No. GF-8
Well Diameter (in.) 2
Depth to Water, Static (ft) 7.31
Water in Well Box NO
Well Depth (ft) 17.03
Height of Water Column in Well 9.72
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
9:22				7.15				
9:28		1.6	15.4	[illegible]	843			TURBID
9:42		3.2	15.1	7.05	883			Turbid
1102	7.42							
1110								Sampled
1126	12.63							

Suggested Method for Purging Well hand bail

LEVINE•FRICKE

WATER-QUALITY SAMPLING INFORMATION

Project Name SHERWIN WILLIAMS Project No. 156306

Date 6-21-91 Sample No. LF-9

Samplers Name JCK TLL

Sampling Location LF-9

Sampling Method HAND BAIL / 3" DISPOSABLE BAILER

Analyses Requested 8240, 8270, TPH-D, METALS

Number and Types of Sample Bottles used 4 AMBER, 3 VOA, 1 PLASTIC

Method of Shipment COURIER

15.18
5.09
10.09
.16
6054
1009
16144

LOCATION MAP

GROUND WATER

Well No. LF-9

Well Diameter (in.) 2

Depth to Water, Static (ft) 5.09

Water in Well Box NO

Well Depth (ft) 15.18

Height of Water Column in Well 10.09

Water Volume in Well 1.62

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
10:59								START BAILING
11:03		1.75	19.0	6.67	1189			MODERATELY TURBID
11:06		3.50	18.8	6.68	1207			MOD TURBID
11:10		5.25	19.5	6.68	1213			
11:20								Sampled LF-9
11:21	5.63							

Suggested Method for Purging Well hand bail

LEVINE•FRICKE

WATER-QUALITY SAMPLING INFORMATION

Project Name: Sherwin-Williams
Project No.: 1563.06
Date: 08-06-91
Sample No.: LF-9
Samplers Name: KAG - LPL
Sampling Location: LF-9
Sampling Method: cent pump / disposable bailer
Analyses Requested: Arsenic
Number and Types of Sample Bottles used: 1 plastic litre
Method of Shipment:

GROUND WATER

Well No.: LF-9
Well Diameter (in.): 2 inch
Depth to Water, Static (ft): 5.58
Water in Well Box: no
Well Depth (ft): 15.18
Height of Water Column in Well: 9.60
Water Volume in Well: 1.5 gal

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

15.18
5.58
9.60
.16
5760
9600
1536 0

LOCATION MAP

TIME	DEPTH TO WATER (feet)	VOLUME WITHDRAWN (gallons)	TEMP (deg. C)	pH (S.U.)	COND (mhos/cm)	OTHER		REMARKS
1036								pump on
1036	30	4	20.1	6.78	1052			TURBID
1037		6	20.8	7.06	1155			TURBID
1038		8	20.1	6.95	1216			turbid (pump off)
1045	6.70							sample

Suggested Method for Purging Well:

LEVINE•FRICKE

WATER-QUALITY SAMPLING INFORMATION

Project Name SHERWIN WILLIAMS Project No. 1563.06

Date 6.21.91 Sample No. LF-10

Samplers Name JCK TCL

Sampling Location LF-10

Sampling Method [redacted] / DISPOSABLE BAIL

Analyses Requested 8240, 8270, TPH-D, METALS

Number and Types of Sample Bottles used 4 AMBER, 1 500ml PLAST. 3 VOA

Method of Shipment COUR

15.22
4.16
11.06
.16
1636
1106
1.9696

GROUND WATER

Well No. LF-10

Well Diameter (in.) 2

Depth to Water, Static (ft) 4.16

Water in Well Box NO

Well Depth (ft) 15.22

Height of Water Column in Well 11.06

Water Volume in Well 1.96

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
10:17								START BAILING
10:22		2	19.6	6.81	1553			CLEAR
10:26		4	19.2	6.68	1536			"
10:30		6	19.0	6.71	1546			"
10:45	4.19							SAMPLE

Suggested Method for Purging Well hand bail

LEVINE • FRICKE

WATER-QUALITY SAMPLING INFORMATION

Project Name: Sherwin-Williams
Project No.: 1563.06
Date: 08-06-91
Sample No.: LF-10
Samplers Name: KAG-LPL
Sampling Location: LF-10
Sampling Method: cent pump / disposable bailer
Analyses Requested: TDS, pH, spec cond, Arsenic
Number and Types of Sample Bottles used: 2 plastic liters
Method of Shipment:

15.36
4.35
11.01
.16
6606
1010
1.7616

GROUND WATER

Well No.:
Well Diameter (in.): 2 inch
Depth to Water, Static (ft): 4.35
Water in Well Box:
Well Depth (ft): 15.36
Height of Water Column in Well: 11.01
Water Volume in Well: 1.8 gal

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
1112 30								pump on
1113		2.0	21.3	6.93	1445			TURB'D
1113 30		5.0	21.1	6.97	1556			TURB'D
1114		8.0	21.0	6.86	1584			TURB'D
1125								SAMPLED

Suggested Method for Purging Well:

LEVINE•FRICKE

WATER-QUALITY SAMPLING INFORMATION

Project Name SHERWIN-WILLIAMS

Project No. 1563.06

Date 6-20-91

Sample No. LF-11

LF-11-D

LF-11-BR

Samplers Name JCK TLL

Sampling Location LF-11

Sampling Method HAND BAIL / DISPOSABLE BAILER

Analyses Requested 8240, 8270, TPH-D, METALS

Number and Types of Sample Bottles used 12 AMBER L, 4 500ml PLAST, 12 VOA

Method of Shipment COURIER

GROUND WATER		SURFACE WATER	
Well No.	LF-11	Stream Width	
Well Diameter (in.)	2	Stream Depth	
Depth to Water, Static (ft)	3.71	Stream Velocity	
Water in Well Box	no	Rained recently ?	
Well Depth (ft)	15.20	Other	
Height of Water Column in Well	11.49		
Water Volume in Well	1.84 gal x 3 = 5.5 gal		

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
- 3.71
11.49
x .16
6894
1 1490
1.8384

LOCATION MAP

TIME	DEPTH TO WATER (feet)	VOLUME WITHDRAWN (gallons)	TEMP (deg. C)	pH (S.U.)	COND (mhos/cm)	OTHER		REMARKS
15:54	~~3.66~~							
~~15:59~~		2	19.9	6.82	1415			CLEAR
16:04		4	19.7	6.76	1419			"
16:09		6	19.5	6.76	1417			
1620								LF-11-BR } Sampled
1630								LF-11 } Sampled
1730	~~3.72~~							LF-11D } Sampled
1656	3.72							

Suggested Method for Purging Well

LEVINE•FRICKE

WATER-QUALITY SAMPLING INFORMATION

Project Name Sherwin - Williams Project No. 1563.06

Date 08-06-91 Sample No. LF-11

Samplers Name KAG - LPL

Sampling Location LF-11

Sampling Method cent. pump / disposable bailer

Analyses Requested TDS, pH, spec cond, arsenic

Number and Types of Sample Bottles used 2 plastic 1 liter

Method of Shipment

GROUND WATER

Well No. LF-11

Well Diameter (in.) 2 inch

Depth to Water, Static (ft) 3.84

Water in Well Box no

Well Depth (ft) 15.22

Height of Water Column in Well 11.38

Water Volume in Well 1.8 gal

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
3.84
11.38
.16
6828
11380
1820 8

LOCATION MAP

TIME	DEPTH TO WATER (feet)	VOLUME WITHDRAWN (gallons)	TEMP (deg. C)	pH (S.U.)	COND (mhos/cm)	OTHER		REMARKS
1232								pump on
12230		2.0	22.9	7.22	1492			TURBID
1233		4	21.3	7.05	1302			TURBID
12330		7	20.5	7.02	1389			TURBID
1245	3.84							Sampled

Suggested Method for Purging Well

LEVINE•FRICKE

WATER-QUALITY SAMPLING INFORMATION

Project Name Shawna Williams Project No. 1563.06

Date 6/19/91 Sample No. LF-12

Samplers Name JCK, TLL

Sampling Location

Sampling Method Cent. Pump / Teflon Bailer

Analyses Requested 8240, 8270, TPH-diesel, Base Metals

Number and Types of Sample Bottles used

Method of Shipment Carrier

GROUND WATER

Well No. LF-12

Well Diameter (in.) 2

Depth to Water, Static (ft) 6.88'

Water in Well Box no

Well Depth (ft) 17.06

Height of Water Column in Well 10.18

Water Volume in Well 1.6 ≈ 2 gal

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
− 6.88
10.18
× .16
6108
10180
1.6288

LOCATION MAP

TIME	DEPTH TO WATER (feet)	VOLUME WITHDRAWN (gallons)	TEMP (deg. C)	pH (S.U.)	COND (mhos/cm)	OTHER		REMARKS
1523								pump on
1524		2.0	22.9	6.68	585			very turbid
1525		5.0	20.6	6.49	595			"
1526		8.0	20.2	6.42	593			turbid
1526		9.0						pump off
1535								sampled
1547	6.92							

Suggested Method for Purging Well

LEVINE • FRICKE

WATER-QUALITY SAMPLING INFORMATION

Project Name Sherwin - Williams Project No. 1563.06

Date 08-06-91 Sample No. LF-12

Samplers Name KAG - LPL

Sampling Location LF-12

Sampling Method cent pump / disposable bailer

Analyses Requested TDS, pH, Spec. Cond.

Number and Types of Sample Bottles used 1 plastic 1 liter

Method of Shipment –

GROUND WATER

Well No. LF-12

Well Diameter (in.) 2 inch

Depth to Water, Static (ft) 7.05

Water in Well Box no

Well Depth (ft) 17.10

Height of Water Column in Well 10.05

Water Volume in Well 1.6 gal

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

17.10
7.05
10.05
.16
6030
10050
1.6080

LOCATION MAP

TIME	DEPTH TO WATER (feet)	VOLUME WITHDRAWN (gallons)	TEMP (deg. C)	pH (S.U.)	COND (mhos/cm)	OTHER		REMARKS
1003								pump on.
1003		3.5	20.5	6.98	683			TURBID.
1004		5.5	20.5	6.81	624			TURBID
1005		9.0	20.4	6.72	608			TURBID/pump OFF
1015	7.08							SAMPLED

Suggested Method for Purging Well

LEVINE•FRICKE

WATER-QUALITY SAMPLING INFORMATION

Project Name SHERWIN WILLIAMS Project No. 156306

Date 6-19-91 Sample No. LF-13

Samplers Name JCK TLL

Sampling Location LF-13

Sampling Method CENT PUMP/TEFLON BAILER

Analyses Requested 8240, 8270, TPH = DIESEL, BASIN METALS

Number and Types of Sample Bottles used _____

Method of Shipment COURIER

17.14
- 6.60
10.54
× .16
6324
10540
1.6864

GROUND WATER

Well No. LF-13

Well Diameter (in.) 2

Depth to Water, Static (ft) 6.60

Water in Well Box no

Well Depth (ft) ~~16.87~~ 17.14

Height of Water Column in Well _____

Water Volume in Well 1.69 gal = 2.0 gal

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
14:26								pump on
~~1428~~		2.0						
1429		4.0	20.9	6.59	525			slightly turbid
1431		6.0	20.5	6.89	530			clear
1434		8.5	22.3	7.23	537			slightly turbid
~~1437~~		10.0	22.2	6.90	524			slightly turbid
		10.0						pump off
14:50								Sampled
~~1450~~	6.71							

Suggested Method for Purging Well _____

LEVINE•FRICKE

WATER-QUALITY SAMPLING INFORMATION

Project Name Sherwin Williams Project No. 1563.06

Date 6/20/91 Sample No. LF-[illegible] 14 TL

Samplers Name TL, JCK

Sampling Location

Sampling Method sub pump / disposable teflon bailer

Analyses Requested EPA 8240, 8270, TPH-diesel, Metals

Number and Types of Sample Bottles used 3 vocs, 4-liter bottles, 2-500ml plastic bottles

Method of Shipment courier

GROUND WATER

Well No. LF-14

Well Diameter (in.) 2"

Depth to Water, Static (ft) 5.85

Water in Well Box no

Well Depth (ft) 18.40

Height of Water Column in Well 12.55

Water Volume in Well 2.0 gal

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
- 5.85
12.55
x .16
7530
12550
1.9 580

LOCATION MAP

TIME	DEPTH TO WATER (feet)	VOLUME WITHDRAWN (gallons)	TEMP (deg. C)	pH (S.U.)	COND (mhos/cm)	OTHER		REMARKS
1312								pump on
1313		2.0	21.3	6.81	681			very turbid
1313		4.0	19.7	6.81	658			very turbid
1318		6.0	19.1	6.78	661			"
1316		7.0						pump off
14:10								SAMPLE
14:16	5.94							

Suggested Method for Purging Well cent. pump

LEVINE•FRICKE

WATER-QUALITY SAMPLING INFORMATION

Project Name Sherman Williams — Project No. 1563.06

Date 6/20/91 — Sample No. LF-15

Samplers Name JCK, TH

Sampling Location

Sampling Method Sub pump / Disposable Teflon Bailer

Analyses Requested EPA 8240, 8270, TPH-diesel, metals

Number and Types of Sample Bottles used 3 voa's, 4 amber liter bottles, 2-500ml plastic bottles

Method of Shipment courier

GROUND WATER		SURFACE WATER	
Well No.	LF-15	Stream Width	
Well Diameter (in.)	2"	Stream Depth	
Depth to Water, Static (ft)	4.88	Stream Velocity	
Water in Well Box	no	Rained recently ?	
Well Depth (ft)	18.60	Other	
Height of Water Column in Well	13.72		
Water Volume in Well	2.2 gal. = 2.5 gal		

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

18.60
- 4.88
13.72
× .16
8232
13720
2.1952

LOCATION MAP

TIME	DEPTH TO WATER (feet)	VOLUME WITHDRAWN (gallons)	TEMP (deg. C)	pH (S.U.)	COND (mhos/cm)	OTHER		REMARKS
1330		~~2.5~~						pump on
1331		2.5	19.5	6.67	633			turbid
1332		5.0	18.8	6.61	596			turbid
1333		8.0	18.0	6.56	592			turbid
								pump off
14:20								SAMPLE
14:35	4.91							

Suggested Method for Purging Well cent pump

LEVINE • FRICKE

WATER-QUALITY SAMPLING INFORMATION

Project Name SHERWIN-WILLIAMS Project No. 1563.06

Date 6-20-91 Sample No. LF-16

Samplers Name JCK TCC

Sampling Location LF-16

Sampling Method TEFLON HAND BAIL / DISPOSABLE BAILER

Analyses Requested 8240, 8270, TPH(md), METALS

Number and Types of Sample Bottles used 4L. AMBER, 3 VOA, 500 mL PLASTIC

Method of Shipment COURIER

GROUND WATER

Well No. LF-16

Well Diameter (in.) 2

Depth to Water, Static (ft) 4.60

Water in Well Box No

Well Depth (ft) 18.68

Height of Water Column in Well 14.08

Water Volume in Well 2.25

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

18.68
4.60
14.08
.16
8448
1408
2.2528

LOCATION MAP

TIME	DEPTH TO WATER (feet)	VOLUME WITHDRAWN (gallons)	TEMP (deg. C)	pH (S.U.)	COND (mhos/cm)	OTHER		REMARKS
14:47					60			start bailing
1452		2.25	19.3	6.65	609			slightly turbid
1457		4.50	18.0	6.68	597			slightly turbid
1502		6.75	17.7	6.70	593			slightly turbid
15:25	4.65							
15:10								SAMPLE

Suggested Method for Purging Well

LEVINE•FRICKE

WATER-QUALITY SAMPLING INFORMATION

Project Name SHERWIN WILLIAMS Project No. 1563.06

Date 6-20-91 Sample No. LF-B1

Samplers Name JCK TLL

Sampling Location LF-B1

Sampling Method CENT PUMP/ ~~TEFLON BAILER~~ DISPOSABLE BAILER

Analyses Requested 8240, 8270, TPH-D, METALS

Number and Types of Sample Bottles used 3 VOA, 2 LIA-HCL, 2500 mL PLASTIC

Method of Shipment COURIER

54.51
10.35
44.16
.16
26496
4416
70656

GROUND WATER

Well No. LF-B1

Well Diameter (in.) 2

Depth to Water, Static (ft) 10.35

Water in Well Box YES

Well Depth (ft) 54.51

Height of Water Column in Well 44.16

Water Volume in Well 7.07

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
826								pump on
828		7.0	19.3	7.07	616			turbid
830		14.0	19.3	6.92	604			slightly turbid
832		21.0	19.3	6.59	600			clear
8:32								pump off
855								sampled
9:07	11.81							

Suggested Method for Purging Well

LEVINE • FRICKE

WATER-QUALITY SAMPLING INFORMATION

Project Name SHERWIN WILLIAMS Project No. 1563.06

Date 6-21-91 Sample No. LF-B2

Samplers Name JCL TLL

Sampling Location LF-B2

Sampling Method CENT PUMP / ~~DISPOSABLE TEFLON BAIL~~

Analyses Requested 8240, 8270, TPH-D, METALS

Number and Types of Sample Bottles used 4/L-AMBER 500 ml PLASTIC 3 VOA

Method of Shipment COURIER

37.60
3.25
34.35
.16
10 6 10
3435
5.4960

LOCATION MAP

GROUND WATER

Well No. LF-B2

Well Diameter (in.) 2

Depth to Water, Static (ft) 3.25

Water in Well Box

Well Depth (ft) 37.60

Height of Water Column in Well 34.35

Water Volume in Well 5.50

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
13:32								START PUMP
13:33		6	19.3	6.86	778			SLIGHTLY TURBID
13:34		13	18.8	6.77	803			@ SLIGHTLY TURBID
13:35		20	18.9	6.73	804			PUMP OFF/CLEAR
1400								Sample LF-B2
1400	3.36							

Suggested Method for Purging Well

LEVINE•FRICKE

WATER-QUALITY SAMPLING INFORMATION

Project Name Sherman Williams

Project No. 1563.05

Date 6/19/91

Sample No. LF-B3
LF-B3-BR

Samplers Name JCK, TLL

Sampling Location

Sampling Method Cent. Pump / Teflon Bailer (bailer)

Analyses Requested EPA 8240, EPA 8270, TPH-diesel, Metals

Number and Types of Sample Bottles used

Method of Shipment Courier

GROUND WATER

Well No. LF-B3

Well Diameter (in.) 2

Depth to Water, Static (ft) 3.88

Water in Well Box no

Well Depth (ft) 38.90

Height of Water Column in Well 35.02

Water Volume in Well 5.6 gal

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

38.90
3.88
35.02
× .16
21012
35020
5.6032

LOCATION MAP

TIME	DEPTH TO WATER (feet)	VOLUME WITHDRAWN (gallons)	TEMP (deg. C)	pH (S.U.)	COND (mhos/cm)	OTHER		REMARKS
1615								Pump on
1626		5.5	20.3	7.03	676			clear
1617		11	19.6	6.76	619			clear
1618		16.5	19.5	6.83	605			clear
1618								pump off
1640								LF-B3-BR
1650								LF-B3
1724	3.91							

Suggested Method for Purging Well

10-30-90
LEVINE•FRICKE

WATER-QUALITY SAMPLING INFORMATION

Project Name SHERWIN WILLIAMS
Project No. 1563.06
Date 6-19-91
Sample No. [redacted] LF-B4
LF-B4-TB
Samplers Name JCK TLC
Sampling Location LF-B4
Sampling Method CENT PUMP / TEFLON BAILER
Analyses Requested 8240, 8270, TPH-Diesel, METALS
Number and Types of Sample Bottles used 3 VOA, 4 L. AMBER, 2 500 mL PLASTIC
Method of Shipment COURIER

45.06
- 6.80
38.26
x .16
22956
38260
6.1216

LOCATION MAP

GROUND WATER

Well No. LF-B4
Well Diameter (in.) 2"
Depth to Water, Static (ft) 6.80
Water in Well Box NO
Well Depth (ft) 45.06
Height of Water Column in Well 38.26
Water Volume in Well 6.1 gal = 6.5 gal

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
1309								PUMP ON
1318		6.5	19.5	6.90	600			turbid
1312		13	19.2	6.86	578			slightly turbid/clear
1313		19.5	19.0	6.85	570			clear
1313		20.0						PUMP OFF
1330	6.83							SAMPLED

Suggested Method for Purging Well

APPENDIX B

LABORATORY CERTIFICATES

ANAMETRIX INC
Environmental & Analytical Chemistry
961 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 # : 9106245
Date Received : 06/20/91
Project ID : 1563.06
Purchase Order: 1563.06

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

ANAMETRIX ID	CLIENT SAMPLE ID
9106245- 1	LF-B4
9106245- 2	LF-B4-TB
9106245- 3	LF-13
9106245- 4	LF-12
9106245- 5	LF-B3
9106245- 6	LF-B3-BR

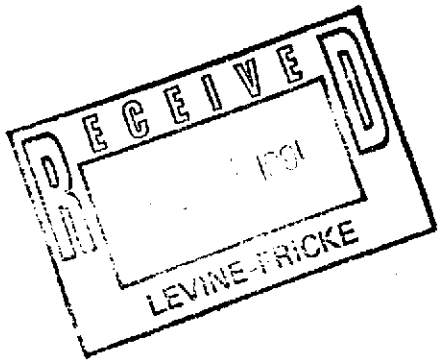
This report consists of 33 pages not including the cover letter, and is organized in sections according to the specific Anametrix laboratory group or section which performed the analysis(es) and generated the data. The Report Summary that precedes each section will help you determine which Anametrix 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.

Burt Sutherland for
Sarah Schoen, Ph.D.
Laboratory Manager

7-5-91
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.

PG/3274

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

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

Workorder # : 9106245
Date Received : 06/20/91
Project ID : 1563.06
Purchase Order: 1563.06
Department : GCMS
Sub-Department: GCMS

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9106245- 1	LF-B4	WATER	06/19/91	8240
9106245- 3	LF-13	WATER	06/19/91	8240
9106245- 4	LF-12	WATER	06/19/91	8240
9106245- 5	LF-B3	WATER	06/19/91	8240
9106245- 6	LF-B3-BR	WATER	06/19/91	8240
9106245- 1	LF-B4	WATER	06/19/91	8270
9106245- 3	LF-13	WATER	06/19/91	8270
9106245- 4	LF-12	WATER	06/19/91	8270
9106245- 5	LF-B3	WATER	06/19/91	8270
9106245- 6	LF-B3-BR	WATER	06/19/91	8270

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

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

Workorder # : 9106245
Date Received : 06/20/91
Project ID : 1563.06
Purchase Order: 1563.06
Department : GCMS
Sub-Department: GCMS

QA/QC SUMMARY :

- Tetrachloroethene percent recovery was outside established limits in the EPA Method 8240 matrix spike analysis of sample LF-13.
- 4-Methyl-2-pentanone percent recovery was outside established limits in the EPA Method matrix spike duplicate analysis of sample LF-13.
- Trichlorotrifluoroethane, 1,1,1-trichloroethane, 4-methyl-2-pentanone and tetrachloroethene relative percent differences were outside established limits in the EPA Method 8240 matrix spike analysis of sample LF-13.

Department Supervisor 7.3.91 Date

Chemist 7.3.91 Date

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-13
Matrix : WATER
Date Sampled : 6/19/91
Date Analyzed : 6/29/91
Instrument ID : F3

Anametrix ID : 9106245-03
Analyst : MCC
Supervisor : UM

Dilution Factor : 1.00
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
78-93-3	2-BUTANONE	20.	ND	U
156-59-2	CIS-1,2-DICHLOROETHENE	5.	ND	U
67-66-3	CHLOROFORM	5.	ND	U
71-55-6	1,1,1-TRICHLOROETHANE	5.	32.	
56-23-5	CARBON TETRACHLORIDE	5.	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
110-75-8	2-CHLOROETHYLVINYL ETHER	5.	ND	U
108-05-4	VINYL ACETATE	10.	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 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-12
Matrix : WATER
Date Sampled : 6/19/91
Date Analyzed : 6/29/91
Instrument ID : F3

Anametrix ID : 9106245-04
Analyst : MCS
Supervisor : [illegible]

Dilution Factor : 1.00
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
78-93-3	2-BUTANONE	20.	ND	U
156-59-2	CIS-1,2-DICHLOROETHENE	5.	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
71-43-2	BENZENE	5.	ND	U
107-06-2	1,2-DICHLOROETHANE	5.	ND	U
79-01-6	TRICHLOROETHENE	5.	2.	J
78-87-5	1,2-DICHLOROPROPANE	5.	ND	U
75-27-4	BROMODICHLOROMETHANE	5.	ND	U
110-75-8	2-CHLOROETHYLVINYL ETHER	5.	ND	U
108-05-4	VINYL ACETATE	10.	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 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-B3
Matrix : WATER
Date Sampled : 6/19/91
Date Analyzed : 6/29/91
Instrument ID : F3

Anametrix ID : 9106245-05
Analyst : MS
Supervisor : JM

Dilution Factor : 1.00
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
78-93-3	2-BUTANONE	20.	ND	U
156-59-2	CIS-1,2-DICHLOROETHENE	5.	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
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
110-75-8	2-CHLOROETHYLVINYL ETHER	5.	ND	U
108-05-4	VINYL ACETATE	10.	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 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-B3-BR
Matrix : WATER
Date Sampled : 6/19/91
Date Analyzed : 6/29/91
Instrument ID : F3

Anametrix ID : 9106245-06
Analyst : mcr
Supervisor : MH

Dilution Factor : 1.00
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
78-93-3	2-BUTANONE	20.	ND	U
156-59-2	CIS-1,2-DICHLOROETHENE	5.	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
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
110-75-8	2-CHLOROETHYLVINYL ETHER	5.	ND	U
108-05-4	VINYL ACETATE	10.	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 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-B4
Matrix : WATER
Date Sampled : 6/19/91
Date Extracted : 6/24/91
Amount Extracted : 1000.0 mL
Date Analyzed : 6/28/91
Instrument ID : F2

Anametrix ID : 9106245-01
Analyst : tw
Supervisor : WM

Dilution Factor : 1.00
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
606-20-2	2,6-DINITROTOLUENE	10.	ND	U

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

Project ID : 1563.06
Sample ID : LF-B4
Matrix : WATER
Date Sampled : 6/19/91
Date Extracted : 6/24/91
Amount Extracted : 1000.0 mL
Date Analyzed : 6/28/91
Instrument ID : F2

Anametrix ID : 9106245-01
Analyst : W
Supervisor : M

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
99-09-2	3-NITROANILINE	50.	ND	U
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
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.	64.	
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	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 : 6/19/91
Date Extracted : 6/24/91
Amount Extracted : 1000.0 mL
Date Analyzed : 6/28/91
Instrument ID : F2

Anametrix ID : 9106245-03
Analyst : LW
Supervisor : LH

Dilution Factor : 1.00
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
606-20-2	2,6-DINITROTOLUENE	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 : 6/19/91
Date Extracted : 6/24/91
Amount Extracted : 1000.0 mL
Date Analyzed : 6/28/91
Instrument ID : F2

Anametrix ID : 9106245-03
Analyst : LW
Supervisor : LM

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
99-09-2	3-NITROANILINE	50.	ND	U
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
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	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 : 6/19/91
Date Extracted : 6/24/91
Amount Extracted : 800.0 mL
Date Analyzed : 6/28/91
Instrument ID : F2

Anametrix ID : 9106245-04
Analyst : LW
Supervisor : [illegible]

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	12.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	12.	ND	U
95-57-8	2-CHLOROPHENOL	12.	ND	U
541-73-1	1,3-DICHLOROBENZENE	12.	ND	U
106-46-7	1,4-DICHLOROBENZENE	12.	ND	U
100-51-6	BENZYL ALCOHOL	12.	ND	U
95-50-1	1,2-DICHLOROBENZENE	12.	ND	U
95-48-7	2-METHYLPHENOL	12.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	12.	ND	U
106-44-5	4-METHYLPHENOL	12.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	12.	ND	U
67-72-1	HEXACHLOROETHANE	12.	ND	U
98-95-3	NITROBENZENE	12.	ND	U
78-59-1	ISOPHORONE	12.	ND	U
88-75-5	2-NITROPHENOL	12.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	12.	ND	U
65-85-0	BENZOIC ACID	62.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	12.	ND	U
120-83-2	2,4-DICHLOROPHENOL	12.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	12.	ND	U
91-20-3	NAPHTHALENE	12.	ND	U
106-47-8	4-CHLOROANILINE	12.	ND	U
87-68-3	HEXACHLOROBUTADIENE	12.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	12.	ND	U
91-57-6	2-METHYLNAPHTHALENE	12.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	12.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	12.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	62.	ND	U
91-58-7	2-CHLORONAPHTHALENE	12.	ND	U
88-74-4	2-NITROANILINE	62.	ND	U
131-11-3	DIMETHYLPHTHALATE	12.	ND	U
208-96-8	ACENAPHTHYLENE	12.	ND	U
606-20-2	2,6-DINITROTOLUENE	12.	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 : 6/19/91
Date Extracted : 6/24/91
Amount Extracted : 800.0 mL
Date Analyzed : 6/28/91
Instrument ID : F2

Anametrix ID : 9106245-04
Analyst : W
Supervisor : M

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
99-09-2	3-NITROANILINE	62.	ND	U
83-32-9	ACENAPHTHENE	12.	ND	U
51-28-5	2,4-DINITROPHENOL	62.	ND	U
100-02-7	4-NITROPHENOL	62.	ND	U
132-64-9	DIBENZOFURAN	12.	ND	U
121-14-2	2,4-DINITROTOLUENE	12.	ND	U
84-66-2	DIETHYLPHTHALATE	12.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	12.	ND	U
86-73-7	FLUORENE	12.	ND	U
100-01-6	4-NITROANILINE	62.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	62.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	12.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	12.	ND	U
118-74-1	HEXACHLOROBENZENE	12.	ND	U
87-86-5	PENTACHLOROPHENOL	62.	ND	U
85-01-8	PHENANTHRENE	12.	ND	U
120-12-7	ANTHRACENE	12.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	12.	ND	U
206-44-0	FLUORANTHENE	12.	ND	U
129-00-0	PYRENE	12.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	12.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	25.	ND	U
56-55-3	BENZO(A)ANTHRACENE	12.	ND	U
218-01-9	CHRYSENE	12.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	12.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	12.	ND	U
205-99-2	BENZO(B)FLUORANTHENE	12.	ND	U
207-08-9	BENZO(K)FLUORANTHENE	12.	ND	U
50-32-8	BENZO(A)PYRENE	12.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	12.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	12.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	12.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	13.	ND	U
4165-61-1	ANILINE	13.	ND	U
103-33-3	AZOBENZENE	13.	ND	U
92-87-5	BENZIDINE	63.	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 : 6/19/91
Date Extracted : 6/24/91
Amount Extracted : 920.0 mL
Date Analyzed : 6/28/91
Instrument ID : F2

Anametrix ID : 9106245-05
Analyst : [illegible]
Supervisor : [illegible]

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	11.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	11.	ND	U
95-57-8	2-CHLOROPHENOL	11.	ND	U
541-73-1	1,3-DICHLOROBENZENE	11.	ND	U
106-46-7	1,4-DICHLOROBENZENE	11.	ND	U
100-51-6	BENZYL ALCOHOL	11.	ND	U
95-50-1	1,2-DICHLOROBENZENE	11.	ND	U
95-48-7	2-METHYLPHENOL	11.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	11.	ND	U
106-44-5	4-METHYLPHENOL	11.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	11.	ND	U
67-72-1	HEXACHLOROETHANE	11.	ND	U
98-95-3	NITROBENZENE	11.	ND	U
78-59-1	ISOPHORONE	11.	ND	U
88-75-5	2-NITROPHENOL	11.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	11.	ND	U
65-85-0	BENZOIC ACID	54.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	11.	ND	U
120-83-2	2,4-DICHLOROPHENOL	11.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	11.	ND	U
91-20-3	NAPHTHALENE	11.	ND	U
106-47-8	4-CHLOROANILINE	11.	ND	U
87-68-3	HEXACHLOROBUTADIENE	11.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	11.	ND	U
91-57-6	2-METHYLNAPHTHALENE	11.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	11.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	11.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	54.	ND	U
91-58-7	2-CHLORONAPHTHALENE	11.	ND	U
88-74-4	2-NITROANILINE	54.	ND	U
131-11-3	DIMETHYLPHTHALATE	11.	ND	U
208-96-8	ACENAPHTHYLENE	11.	ND	U
606-20-2	2,6-DINITROTOLUENE	11.	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 : 6/19/91
Date Extracted : 6/24/91
Amount Extracted : 920.0 mL
Date Analyzed : 6/28/91
Instrument ID : F2

Anametrix ID : 9106245-05
Analyst : LW
Supervisor : JM

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
99-09-2	3-NITROANILINE	54.	ND	U
83-32-9	ACENAPHTHENE	11.	ND	U
51-28-5	2,4-DINITROPHENOL	54.	ND	U
100-02-7	4-NITROPHENOL	54.	ND	U
132-64-9	DIBENZOFURAN	11.	ND	U
121-14-2	2,4-DINITROTOLUENE	11.	ND	U
84-66-2	DIETHYLPHTHALATE	11.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	11.	ND	U
86-73-7	FLUORENE	11.	ND	U
100-01-6	4-NITROANILINE	54.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	54.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	11.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	11.	ND	U
118-74-1	HEXACHLOROBENZENE	11.	ND	U
87-86-5	PENTACHLOROPHENOL	54.	ND	U
85-01-8	PHENANTHRENE	11.	ND	U
120-12-7	ANTHRACENE	11.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	11.	ND	U
206-44-0	FLUORANTHENE	11.	ND	U
129-00-0	PYRENE	11.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	11.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	22.	ND	U
56-55-3	BENZO(A)ANTHRACENE	11.	ND	U
218-01-9	CHRYSENE	11.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	11.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	11.	ND	U
205-99-2	BENZO(B)FLUORANTHENE	11.	ND	U
207-08-9	BENZO(K)FLUORANTHENE	11.	ND	U
50-32-8	BENZO(A)PYRENE	11.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	11.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	11.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	11.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	11.	ND	U
4165-61-1	ANILINE	11.	ND	U
103-33-3	AZOBENZENE	11.	ND	U
92-87-5	BENZIDINE	54.	ND	U

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

Project ID : 1563.06
Sample ID : LF-B3-BR
Matrix : WATER
Date Sampled : 6/19/91
Date Extracted : 6/24/91
Amount Extracted : 1000.0 mL
Date Analyzed : 6/28/91
Instrument ID : F2

Anametrix ID : 9106245-06
Analyst : LW
Supervisor : LM

Dilution Factor : 1.00
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
606-20-2	2,6-DINITROTOLUENE	10.	ND	U

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

Project ID : 1563.06
Sample ID : LF-B3-BR
Matrix : WATER
Date Sampled : 6/19/91
Date Extracted : 6/24/91
Amount Extracted : 1000.0 mL
Date Analyzed : 6/28/91
Instrument ID : F2

Anametrix ID : 9106245-06
Analyst : LW
Supervisor : WM

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
99-09-2	3-NITROANILINE	50.	ND	U
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
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	50.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID :
Sample ID : BLANK
Matrix : WATER
Date Sampled : 0/ 0/ 0
Date Analyzed : 6/29/91
Instrument ID : F3

Anametrix ID : 3CB0629V01
Analyst : MC
Supervisor : UM

Dilution Factor : 1.00
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.	3.	J
156-60-5	TRANS-1,2-DICHLOROETHENE	5.	ND	U
75-34-3	1,1-DICHLOROETHANE	5.	ND	U
78-93-3	2-BUTANONE	20.	ND	U
156-59-2	CIS-1,2-DICHLOROETHENE	5.	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
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
110-75-8	2-CHLOROETHYLVINYL ETHER	5.	ND	U
108-05-4	VINYL ACETATE	10.	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 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID :
Sample ID : BLANK
Matrix : WATER
Date Sampled : 0/ 0/ 0
Date Extracted : 6/24/91
Amount Extracted : 1000.0 mL
Date Analyzed : 6/25/91
Instrument ID : F2

Anametrix ID : 2CB0624C01
Analyst : LW
Supervisor : LH

Dilution Factor : 1.00
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
606-20-2	2,6-DINITROTOLUENE	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 : 6/24/91
Amount Extracted : 1000.0 mL
Date Analyzed : 6/25/91
Instrument ID : F2

Anametrix ID : 2CB0624C01
Analyst : LW
Supervisor : MM

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
99-09-2	3-NITROANILINE	50.	ND	U
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
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	50.	ND	U

SURROGATE RECOVERY SUMMARY -- EPA METHOD 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Matrix : LIQUID

Anametrix ID : 9106245
Analyst : MCT
Supervisor : UM

	SAMPLE ID	SU1	SU2	SU3	TOTAL OUT
1	BLANK	102	99	108	0
2	LF-13	98	97	107	0
3	LF-13MS	101	100	105	0
4	LF-13MSD	102	103	106	0
5	LF-B3-BR	103	97	106	0
6	LF-B3	104	94	109	0
7	LF-12	103	85	91	0
8	LF-B4	106	99	106	0
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 = 1,2-DICHLOROETHANE-D4	(75-113)
SU2 = TOLUENE-D8	(83-110)
SU3 = BROMOFLUOROBENZENE	(82-114)

* 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 : 9106245
Analyst : LW
Supervisor : CM

	SAMPLE ID	SU1	SU2	SU3	SU4	SU5	SU6	TOTAL OUT
1	BLANK	58	36	58	59	90	83	0
2	LF-B4	37	30	52	51	78	54	0
3	LF-13	49	33	66	52	95	54	0
4	LF-12	57	39	67	58	101	60	0
5	LF-B3	54	37	66	58	100	73	0
6	LF-B3-BR	60	41	67	59	101	75	0
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	(10- 82)
SU2 = PHENOL-D5	(10- 72)
SU3 = NITROBENZENE-D5	(10-100)
SU4 = 2-FLUOROBIPHENYL	(10- 92)
SU5 = 2,4,6-TRIBROMOPHENOL	(15-139)
SU6 = TERPHENYL-D14	(10-110)

* Values outside of Anametrix QC limits

MATRIX SPIKE RECOVERY FORM -- EPA METHOD 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-13
Matrix : WATER
Date Sampled : 6/19/91
Date Analyzed : 6/29/91
Instrument ID : F3

Anametrix ID : 9106245-03
Analyst : MCT
Supervisor : [illegible]

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	%REC LIMITS
1,1-DICHLOROETHENE	50.	0.	53.	106	48-148
TRICHLOROTRIFLUOROETHAN	50.	0.	57.	113	40-134
METHYLENE CHLORIDE	50.	0.	47.	93	64-162
CHLOROFORM	50.	0.	49.	98	64-122
1,1,1-TRICHLOROETHANE	50.	32.	71.	80	54-122
BENZENE	50.	0.	51.	102	52-136
1,2-DICHLOROETHANE	50.	0.	51.	103	68-116
TRICHLOROETHENE	50.	0.	50.	101	68-124
4-METHYL-2-PENTANONE	50.	0.	61.	123	56-152
TOLUENE	50.	0.	51.	101	66-124
TETRACHLOROETHENE	50.	0.	84.	167 *	62-134
CHLOROBENZENE	50.	0.	52.	104	74-124
1,2-DICHLOROBENZENE	50.	0.	64.	129	74-140

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	RPD LIMITS	%REC LIMITS
1,1-DICHLOROETHENE	50.	43.	86	21	25	48-148
TRICHLOROTRIFLUOROETHAN	50.	42.	85	29 *	25	40-134
METHYLENE CHLORIDE	50.	45.	91	3	25	64-162
CHLOROFORM	50.	45.	90	9	25	64-122
1,1,1-TRICHLOROETHANE	50.	60.	56	34 *	25	54-122
BENZENE	50.	45.	89	13	25	52-136
1,2-DICHLOROETHANE	50.	50.	99	4	25	68-116
TRICHLOROETHENE	50.	43.	86	15	25	68-124
4-METHYL-2-PENTANONE	50.	103.	206 *	51 *	25	56-152
TOLUENE	50.	44.	88	14	25	66-124
TETRACHLOROETHENE	50.	38.	76	75 *	25	62-134
CHLOROBENZENE	50.	49.	97	7	25	74-124
1,2-DICHLOROBENZENE	50.	62.	124	4	25	74-140

* Value is outside of Anametrix QC limits

RPD: 4 out of 13 outside limits
Spike Recovery: 2 out of 26 outside limits

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

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

Workorder # : 9106245
Date Received : 06/20/91
Project ID : 1563.06
Purchase Order: 1563.06
Department : GC
Sub-Department: TPH

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9106245- 1	LF-B4	WATER	06/19/91	TPHd
9106245- 3	LF-13	WATER	06/19/91	TPHd
9106245- 4	LF-12	WATER	06/19/91	TPHd
9106245- 5	LF-B3	WATER	06/19/91	TPHd
9106245- 6	LF-B3-BR	WATER	06/19/91	TPHd

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

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

Workorder # : 9106245
Date Received : 06/20/91
Project ID : 1563.06
Purchase Order: 1563.06
Department : GC
Sub-Department: TPH

QA/QC SUMMARY :

- No QA/QC problems encountered for samples.

Cheryl Balmer 6/28/91
Department Supervisor Date

Chemist 6.28.91
Date

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

Anametrix W.O.: 9106245
Matrix : WATER
Date Sampled : 06/19/91
Date Extracted: 06/25/91

Project Number : 1563.06
Date Released : 06/28/91
Instrument I.D.: HP23

Anametrix I.D.	Client I.D.	Date Analyzed	Reporting Limit (ug/L)	Amount Found (ug/L)
9106245-01	LF-B4	06/26/91	50	ND
9106245-03	LF-13	06/26/91	50	ND
9106245-04	LF-12	06/26/91	50	ND
9106245-05	LF-B3	06/26/91	50	ND
9106245-06	LF-B3-BR	06/26/91	50	ND
DWBL062591	METHOD BLANK	06/26/91	50	ND

Note : Reporting limit is obtained by multiplying the dilution factor times 50ug/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 6.28.91 Date

Supervisor 4/28/91 Date

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

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

Workorder # : 9106245
Date Received : 06/20/91
Project ID : 1563.06
Purchase Order: 1563.06
Department : METALS
Sub-Department: METALS

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9106245- 1	LF-B4	WATER	06/19/91	6010
9106245- 2	LF-B4-TB	WATER	06/19/91	6010
9106245- 3	LF-13	WATER	06/19/91	6010
9106245- 4	LF-12	WATER	06/19/91	6010
9106245- 5	LF-B3	WATER	06/19/91	6010
9106245- 6	LF-B3-BR	WATER	06/19/91	6010
9106245- 1	LF-B4	WATER	06/19/91	7060
9106245- 2	LF-B4-TB	WATER	06/19/91	7060
9106245- 3	LF-13	WATER	06/19/91	7060
9106245- 4	LF-12	WATER	06/19/91	7060
9106245- 5	LF-B3	WATER	06/19/91	7060
9106245- 6	LF-B3-BR	WATER	06/19/91	7060
9106245- 1	LF-B4	WATER	06/19/91	7421
9106245- 2	LF-B4-TB	WATER	06/19/91	7421
9106245- 3	LF-13	WATER	06/19/91	7421
9106245- 4	LF-12	WATER	06/19/91	7421
9106245- 5	LF-B3	WATER	06/19/91	7421
9106245- 6	LF-B3-BR	WATER	06/19/91	7421
9106245- 1	LF-B4	WATER	06/19/91	7470
9106245- 2	LF-B4-TB	WATER	06/19/91	7470
9106245- 3	LF-13	WATER	06/19/91	7470
9106245- 4	LF-12	WATER	06/19/91	7470
9106245- 5	LF-B3	WATER	06/19/91	7470

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

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

Workorder # : 9106245
Date Received : 06/20/91
Project ID : 1563.06
Purchase Order: 1563.06
Department : METALS
Sub-Department: METALS

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9106245- 6	LF-B3-BR	WATER	06/19/91	7470
9106245- 1	LF-B4	WATER	06/19/91	7521
9106245- 2	LF-B4-TB	WATER	06/19/91	7521
9106245- 3	LF-13	WATER	06/19/91	7521
9106245- 4	LF-12	WATER	06/19/91	7521
9106245- 5	LF-B3	WATER	06/19/91	7521
9106245- 6	LF-B3-BR	WATER	06/19/91	7521
9106245- 1	LF-B4	WATER	06/19/91	7740
9106245- 2	LF-B4-TB	WATER	06/19/91	7740
9106245- 3	LF-13	WATER	06/19/91	7740
9106245- 4	LF-12	WATER	06/19/91	7740
9106245- 5	LF-B3	WATER	06/19/91	7740
9106245- 6	LF-B3-BR	WATER	06/19/91	7740
9106245- 1	LF-B4	WATER	06/19/91	7761
9106245- 2	LF-B4-TB	WATER	06/19/91	7761
9106245- 3	LF-13	WATER	06/19/91	7761
9106245- 4	LF-12	WATER	06/19/91	7761
9106245- 5	LF-B3	WATER	06/19/91	7761
9106245- 6	LF-B3-BR	WATER	06/19/91	7761

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

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

Workorder # : 9106245
Date Received : 06/20/91
Project ID : 1563.06
Purchase Order: 1563.06
Department : METALS
Sub-Department: METALS

QA/QC SUMMARY :

- Samples were reprepared on 07/08/91 and reanalyzed on 07/09/91 for Lead EPA Method 7421 and Zinc EPA Method 6010.

Michael A. Wall 7/9/91
Department Supervisor Date

Yazdan J. Nagporewala 7/9/91
Chemist Date

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

Anametrix W.O.: 9106245
Matrix : WATER
Date Sampled : 06/19/91
Project Number: 1563.06

Date Prepared : 06/21/91
Date Analyzed : 06/24/91
Date Released : 07/05/91
Instrument I.D.: AA1/ICP1

ELEMENTS	EPA Method#	Reporting Limit (ug/L)	Sample I.D.# LF-B4 -01	Sample I.D.# LF-13 -03	Sample I.D.# LF-12 -04	Sample I.D.# LF-B3 -05	Sample I.D.# LF-B3 -BR -06
Silver (Ag)	7761	1.0	ND	ND	ND	ND	ND
Arsenic (As)	7060	10.0	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
Copper (Cu)	6010	25.0	ND	ND	ND	ND	ND
Mercury (Hg)	7470	1.0	ND	ND	ND	ND	ND
Nickel (Ni)	7521	5.0	ND	13.0	13.8	ND	ND
Lead (Pb)	7421	4.0	ND*	ND*	ND*	ND*	ND*
Selenium (Se)	7740	5.0	ND	ND	ND	ND	ND
Zinc (Zn)	6010	20.0	ND*	ND*	ND*	ND*	ND*

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

All Metals by EPA Method 200 Series, Method for Chemical Analysis of Water and Wastes, 3rd Edition, 1983 , and California Administrative Code Title 22, Section 66699.

* : Samples were reprepared on 07/08/91 and reanalyzed on 07/09/91 for Lead EPA Method 7421 and Zinc EPA Method 6010.

Supervisor 7/9/91 Date

Chemist J Nagpurwala 7/9/91 Date

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

Anametrix W.O.: 9106245
Matrix : WATER
Date Sampled : 06/19/91
Project Number: 1563.06

Date Prepared : 06/21/91
Date Analyzed : 06/24/91
Date Released : 07/05/91
Instrument I.D.: AA1/ICP1

ELEMENTS	EPA Method#	Reporting Limit (ug/L)	Sample I.D.# LF-B4 -TB -02	Sample I.D.# METHOD BLANK MB0621W
Silver (Ag)	7761	1.0	ND	ND
Arsenic (As)	7060	10.0	ND	ND
Cadmium (Cd)	6010	5.0	ND	ND
Total Cr	6010	10.0	ND	ND
Copper (Cu)	6010	25.0	ND	ND
Mercury (Hg)	7470	1.0	ND	ND
Nickel (Ni)	7521	5.0	ND	ND
Lead (Pb)	7421	4.0	ND*	ND*
Selenium (Se)	7740	5.0	ND	ND
Zinc (Zn)	6010	20.0	ND*	ND*

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

All Metals by EPA Method 200 Series, Method for Chemical Analysis of Water and Wastes, 3rd Edition, 1983 , and California Administrative Code Title 22, Section 66699.

* : Samples were reprepared on 07/08/91 and reanalyzed on 07/09/91 for Lead EPA Method 7421 and Zinc EPA Method 6010.

Supervisor 7/9/91 Date

Chemist 7/9/91 Date

(1) (10/39) TT
(10/2) (10/8) 1740

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

9106245

Project No.: 1563.06	Field Logbook No.:	Date: 6-19-91	Serial No.: 7669
Project Name: SHERWIN-WILLIAMS	Project Location: EMERYVILLE, CA.		
Sampler (Signature): J. C. Fricke			Samplers: JCK TLL

SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CONTAINERS	SAMPLE TYPE	EPA 601	EPA 624	8240	8270	TPH-D ①	METALS ②	HOLD	RUSH	REMARKS
(1) LF-B4	6-19	13:30		9	GROUND WATER			X	X	X	X			
(2) LF-B4-TB		08:00		1	H_2O						X			
(3) LF-13		14:50		9	GROUND WATER			X	X	X	X			① MOD 8015 TPH as DIESEL
~~LF-14~~ No														② BASIN PLAN METALS
(4) LF-12		15:35		9	GROUND WATER			X	X	X	X			
(5) LF-B3		16:50		9	GROUND WATER			X	X	X	X			NORMAL TURNAROUND
(6) LF-B3-BR		16:40		9	H_2O			X	X	X	X			
														RESULTS TO JOHN DEREAMER
														P.O. = 1563.06

RELINQUISHED BY: (Signature) J. C. Fricke	DATE 6-19-91	TIME 17:55	RECEIVED BY: (Signature)	DATE 6.19.91	TIME 17:55
RELINQUISHED BY: (Signature)	DATE 6-20-91	TIME 13:35	RECEIVED BY: (Signature) Tammy L. Campos	DATE 6-20-91	TIME 1335
RELINQUISHED BY: (Signature) Tammy L. Campos	DATE 6-20-91	TIME 1620	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: ANALYTRIX, SAN JOSE
Samples Submitted In Two Coolers

Shipping Copy (White) Lab Copy (Green) File Copy (Yellow) Field Copy (Pink) [redacted] 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 # : 9106251
Date Received : 06/21/91
Project ID : 1563.06
Purchase Order: 1563.06

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

ANAMETRIX ID	CLIENT SAMPLE ID
9106251- 1	LF-11-TB
9106251- 2	LF-11-BR
9106251- 3	LF-11
9106251- 4	LF-11-D
9106251- 5	LF-B1
9106251- 6	LF-7
9106251- 7	LF-8
9106251- 8	LF-14
9106251- 9	LF-15
9106251-10	LF-16
9106251-11	LF-B3-BR

This report consists of 41 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.

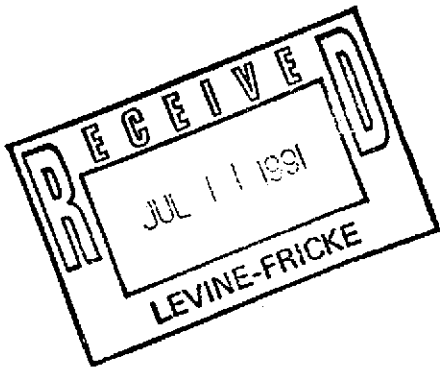
Anametrix is certified by the California Department of Health Services (DHS) to perform environmental testing under Certificate Number 1234. A detailed list of the approved fields of testing can be obtained by calling our office, or the DHS Environmental Laboratory Accreditation Program at (415)540-2800.

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.

Burt Sutherland For

Sarah Schoen, Ph.D.
Laboratory Manager

7-11-91
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.

PG/3274

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

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

Workorder # : 9106251
Date Received : 06/21/91
Project ID : 1563.06
Purchase Order: 1563.06
Department : GCMS
Sub-Department: GCMS

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9106251- 2	LF-11-BR	WATER	06/20/91	8240
9106251- 3	LF-11	WATER	06/20/91	8240
9106251- 4	LF-11-D	WATER	06/20/91	8240
9106251- 5	LF-B1	WATER	06/20/91	8240
9106251- 6	LF-7	WATER	06/20/91	8240
9106251- 7	LF-8	WATER	06/20/91	8240
9106251- 8	LF-14	WATER	06/20/91	8240
9106251- 9	LF-15	WATER	06/20/91	8240
9106251-10	LF-16	WATER	06/20/91	8240
9106251- 2	LF-11-BR	WATER	06/20/91	8270
9106251- 3	LF-11	WATER	06/20/91	8270
9106251- 4	LF-11-D	WATER	06/20/91	8270
9106251- 5	LF-B1	WATER	06/20/91	8270
9106251- 6	LF-7	WATER	06/20/91	8270
9106251- 7	LF-8	WATER	06/20/91	8270
9106251- 8	LF-14	WATER	06/20/91	8270
9106251- 9	LF-15	WATER	06/20/91	8270
9106251-10	LF-16	WATER	06/20/91	8270

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

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

Workorder # : 9106251
Date Received : 06/21/91
Project ID : 1563.06
Purchase Order: 1563.06
Department : GCMS
Sub-Department: GCMS

QA/QC SUMMARY :

- Surrogate recovery is outside established limits in the EPA Method 8270 analysis of samples LF-7 and LF-15.
- 2-Nitrophenol and pentachlorophenol relative percent differences are outside established limits in the EPA Method 8270 matrix spike analysis of sample LF-8.

Department Supervisor 7-8-91 Date

Chemist 7-8-91 Date

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-11-BR
Matrix : WATER
Date Sampled : 6/20/91
Date Analyzed : 6/29/91
Instrument ID : F3

Anametrix ID : 9106251-02
Analyst : DP
Supervisor : M
Dilution Factor : 1.00
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
78-93-3	2-BUTANONE	20.	ND	U
156-59-2	CIS-1,2-DICHLOROETHENE	5.	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
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
110-75-8	2-CHLOROETHYLVINYL ETHER	5.	ND	U
108-05-4	VINYL ACETATE	10.	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 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-11
Matrix : WATER
Date Sampled : 6/20/91
Date Analyzed : 7/ 2/91
Instrument ID : F3

Anametrix ID : 9106251-03
Analyst : DP
Supervisor : [illegible]

Dilution Factor : 1.00
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
78-93-3	2-BUTANONE	20.	ND	U
156-59-2	CIS-1,2-DICHLOROETHENE	5.	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
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
110-75-8	2-CHLOROETHYLVINYL ETHER	5.	ND	U
108-05-4	VINYL ACETATE	10.	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 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-11-D
Matrix : WATER
Date Sampled : 6/20/91
Date Analyzed : 7/ 2/91
Instrument ID : F3

Anametrix ID : 9106251-04
Analyst : DF
Supervisor : [illegible]
Dilution Factor : 1.00
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
78-93-3	2-BUTANONE	20.	ND	U
156-59-2	CIS-1,2-DICHLOROETHENE	5.	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
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
110-75-8	2-CHLOROETHYLVINYL ETHER	5.	ND	U
108-05-4	VINYL ACETATE	10.	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 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-B1
Matrix : WATER
Date Sampled : 6/20/91
Date Analyzed : 7/ 2/91
Instrument ID : F3

Anametrix ID : 9106251-05
Analyst : MCT
Supervisor : UM

Dilution Factor : 1.00
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
78-93-3	2-BUTANONE	20.	ND	U
156-59-2	CIS-1,2-DICHLOROETHENE	5.	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
71-43-2	BENZENE	5.	ND	U
107-06-2	1,2-DICHLOROETHANE	5.	180.	
79-01-6	TRICHLOROETHENE	5.	ND	U
78-87-5	1,2-DICHLOROPROPANE	5.	ND	U
75-27-4	BROMODICHLOROMETHANE	5.	ND	U
110-75-8	2-CHLOROETHYLVINYL ETHER	5.	ND	U
108-05-4	VINYL ACETATE	10.	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 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-7
Matrix : WATER
Date Sampled : 6/20/91
Date Analyzed : 7/ 2/91
Instrument ID : F3

Anametrix ID : 9106251-06
Analyst : OP
Supervisor : [illegible]
Dilution Factor : 1.00
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
78-93-3	2-BUTANONE	20.	ND	U
156-59-2	CIS-1,2-DICHLOROETHENE	5.	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
71-43-2	BENZENE	5.	61.	
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
110-75-8	2-CHLOROETHYLVINYL ETHER	5.	ND	U
108-05-4	VINYL ACETATE	10.	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.	7.	
100-41-4	ETHYLBENZENE	5.	45.	
1330-20-7	XYLENE (TOTAL)	5.	120.	
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 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-8
Matrix : WATER
Date Sampled : 6/20/91
Date Analyzed : 7/ 2/91
Instrument ID : F3

Anametrix ID : 9106251-07
Analyst : MCK
Supervisor : UH

Dilution Factor : 1.00
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
78-93-3	2-BUTANONE	20.	ND	U
156-59-2	CIS-1,2-DICHLOROETHENE	5.	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
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
110-75-8	2-CHLOROETHYLVINYL ETHER	5.	ND	U
108-05-4	VINYL ACETATE	10.	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 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-14
Matrix : WATER
Date Sampled : 6/20/91
Date Analyzed : 7/ 2/91
Instrument ID : F3

Anametrix ID : 9106251-08
Analyst : DP
Supervisor : [illegible]

Dilution Factor : 1.00
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
78-93-3	2-BUTANONE	20.	ND	U
156-59-2	CIS-1,2-DICHLOROETHENE	5.	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
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
110-75-8	2-CHLOROETHYLVINYL ETHER	5.	ND	U
108-05-4	VINYL ACETATE	10.	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 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID	: 1563.06	Anametrix ID	: 9106251-09
Sample ID	: LF-15	Analyst	: DP
Matrix	: WATER	Supervisor	: [illegible]
Date Sampled	: 6/20/91		
Date Analyzed	: 7/ 2/91	Dilution Factor	: 1.00
Instrument ID	: F3	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
78-93-3	2-BUTANONE	20.	ND	U
156-59-2	CIS-1,2-DICHLOROETHENE	5.	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
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
110-75-8	2-CHLOROETHYLVINYL ETHER	5.	ND	U
108-05-4	VINYL ACETATE	10.	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 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-16
Matrix : WATER
Date Sampled : 6/20/91
Date Analyzed : 7/ 2/91
Instrument ID : F3

Anametrix ID : 9106251-10
Analyst : mes
Supervisor : UH

Dilution Factor : 1.00
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
78-93-3	2-BUTANONE	20.	ND	U
156-59-2	CIS-1,2-DICHLOROETHENE	5.	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
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
110-75-8	2-CHLOROETHYLVINYL ETHER	5.	ND	U
108-05-4	VINYL ACETATE	10.	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 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID	: 1563.06	Anametrix ID	: 9106251-02
Sample ID	: LF-11-BR	Analyst	: MC
Matrix	: WATER	Supervisor	: UH
Date Sampled	: 6/20/91		
Date Extracted	: 6/27/91		
Amount Extracted	: 800.0 mL		
Date Analyzed	: 6/28/91	Dilution Factor	: 1.00
Instrument ID	: F2	Conc. Units	: ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	12.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	12.	ND	U
95-57-8	2-CHLOROPHENOL	12.	ND	U
541-73-1	1,3-DICHLOROBENZENE	12.	ND	U
106-46-7	1,4-DICHLOROBENZENE	12.	ND	U
100-51-6	BENZYL ALCOHOL	12.	ND	U
95-50-1	1,2-DICHLOROBENZENE	12.	ND	U
95-48-7	2-METHYLPHENOL	12.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	12.	ND	U
106-44-5	4-METHYLPHENOL	12.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	12.	ND	U
67-72-1	HEXACHLOROETHANE	12.	ND	U
98-95-3	NITROBENZENE	12.	ND	U
78-59-1	ISOPHORONE	12.	ND	U
88-75-5	2-NITROPHENOL	12.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	12.	ND	U
65-85-0	BENZOIC ACID	62.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	12.	ND	U
120-83-2	2,4-DICHLOROPHENOL	12.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	12.	ND	U
91-20-3	NAPHTHALENE	12.	ND	U
106-47-8	4-CHLOROANILINE	12.	ND	U
87-68-3	HEXACHLOROBUTADIENE	12.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	12.	ND	U
91-57-6	2-METHYLNAPHTHALENE	12.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	12.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	12.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	62.	ND	U
91-58-7	2-CHLORONAPHTHALENE	12.	ND	U
88-74-4	2-NITROANILINE	62.	ND	U
131-11-3	DIMETHYLPHTHALATE	12.	ND	U
208-96-8	ACENAPHTHYLENE	12.	ND	U
606-20-2	2,6-DINITROTOLUENE	12.	ND	U

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

Project ID : 1563.06
Sample ID : LF-11-BR
Matrix : WATER
Date Sampled : 6/20/91
Date Extracted : 6/27/91
Amount Extracted : 800.0 mL
Date Analyzed : 6/28/91
Instrument ID : F2

Anametrix ID : 9106251-02
Analyst : MC
Supervisor : UM

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
99-09-2	3-NITROANILINE	62.	ND	U
83-32-9	ACENAPHTHENE	12.	ND	U
51-28-5	2,4-DINITROPHENOL	62.	ND	U
100-02-7	4-NITROPHENOL	62.	ND	U
132-64-9	DIBENZOFURAN	12.	ND	U
121-14-2	2,4-DINITROTOLUENE	12.	ND	U
84-66-2	DIETHYLPHTHALATE	12.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	12.	ND	U
86-73-7	FLUORENE	12.	ND	U
100-01-6	4-NITROANILINE	62.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	62.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	12.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	12.	ND	U
118-74-1	HEXACHLOROBENZENE	12.	ND	U
87-86-5	PENTACHLOROPHENOL	62.	ND	U
85-01-8	PHENANTHRENE	12.	ND	U
120-12-7	ANTHRACENE	12.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	12.	ND	U
206-44-0	FLUORANTHENE	12.	ND	U
129-00-0	PYRENE	12.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	12.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	25.	ND	U
56-55-3	BENZO(A)ANTHRACENE	12.	ND	U
218-01-9	CHRYSENE	12.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	12.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	12.	ND	U
205-99-2	BENZO(B)FLUORANTHENE	12.	ND	U
207-08-9	BENZO(K)FLUORANTHENE	12.	ND	U
50-32-8	BENZO(A)PYRENE	12.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	12.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	12.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	12.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	13.	ND	U
4165-61-1	ANILINE	13.	ND	U
103-33-3	AZOBENZENE	13.	ND	U
92-87-5	BENZIDINE	63.	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 : 6/20/91
Date Extracted : 6/27/91
Amount Extracted : 1000.0 mL
Date Analyzed : 6/29/91
Instrument ID : F2

Anametrix ID : 9106251-03
Analyst : MCS
Supervisor : [illegible]

Dilution Factor : 1.00
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
606-20-2	2,6-DINITROTOLUENE	10.	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 : 6/20/91
Date Extracted : 6/27/91
Amount Extracted : 1000.0 mL
Date Analyzed : 6/29/91
Instrument ID : F2

Anametrix ID : 9106251-03
Analyst : MCT
Supervisor : JH

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
99-09-2	3-NITROANILINE	50.	ND	U
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
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	50.	ND	U

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

Project ID	: 1563.06	Anametrix ID	: 9106251-04
Sample ID	: LF-11-D	Analyst	: MCT
Matrix	: WATER	Supervisor	: CH
Date Sampled	: 6/20/91		
Date Extracted	: 6/27/91		
Amount Extracted	: 1000.0 mL		
Date Analyzed	: 6/29/91	Dilution Factor	: 1.00
Instrument ID	: F2	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
606-20-2	2,6-DINITROTOLUENE	10.	ND	U

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

Project ID : 1563.06
Sample ID : LF-11-D
Matrix : WATER
Date Sampled : 6/20/91
Date Extracted : 6/27/91
Amount Extracted : 1000.0 mL
Date Analyzed : 6/29/91
Instrument ID : F2

Anametrix ID : 9106251-04
Analyst : mes
Supervisor : CH

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
99-09-2	3-NITROANILINE	50.	ND	U
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
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	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 : 6/20/91
Date Extracted : 6/27/91
Amount Extracted : 900.0 mL
Date Analyzed : 6/29/91
Instrument ID : F2

Anametrix ID : 9106251-05
Analyst : wlet
Supervisor : MM

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	11.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	11.	ND	U
95-57-8	2-CHLOROPHENOL	11.	ND	U
541-73-1	1,3-DICHLOROBENZENE	11.	ND	U
106-46-7	1,4-DICHLOROBENZENE	11.	ND	U
100-51-6	BENZYL ALCOHOL	11.	ND	U
95-50-1	1,2-DICHLOROBENZENE	11.	ND	U
95-48-7	2-METHYLPHENOL	11.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	11.	ND	U
106-44-5	4-METHYLPHENOL	11.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	11.	ND	U
67-72-1	HEXACHLOROETHANE	11.	ND	U
98-95-3	NITROBENZENE	11.	ND	U
78-59-1	ISOPHORONE	11.	ND	U
88-75-5	2-NITROPHENOL	11.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	11.	ND	U
65-85-0	BENZOIC ACID	56.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	11.	ND	U
120-83-2	2,4-DICHLOROPHENOL	11.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	11.	ND	U
91-20-3	NAPHTHALENE	11.	ND	U
106-47-8	4-CHLOROANILINE	11.	ND	U
87-68-3	HEXACHLOROBUTADIENE	11.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	11.	ND	U
91-57-6	2-METHYLNAPHTHALENE	11.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	11.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	11.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	56.	ND	U
91-58-7	2-CHLORONAPHTHALENE	11.	ND	U
88-74-4	2-NITROANILINE	56.	ND	U
131-11-3	DIMETHYLPHTHALATE	11.	ND	U
208-96-8	ACENAPHTHYLENE	11.	ND	U
606-20-2	2,6-DINITROTOLUENE	11.	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 : 6/20/91
Date Extracted : 6/27/91
Amount Extracted : 900.0 mL
Date Analyzed : 6/29/91
Instrument ID : F2

Anametrix ID : 9106251-05
Analyst : MCT
Supervisor : M

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
99-09-2	3-NITROANILINE	56.	ND	U
83-32-9	ACENAPHTHENE	11.	ND	U
51-28-5	2,4-DINITROPHENOL	56.	ND	U
100-02-7	4-NITROPHENOL	56.	ND	U
132-64-9	DIBENZOFURAN	11.	ND	U
121-14-2	2,4-DINITROTOLUENE	11.	ND	U
84-66-2	DIETHYLPHTHALATE	11.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	11.	ND	U
86-73-7	FLUORENE	11.	ND	U
100-01-6	4-NITROANILINE	56.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	56.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	11.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	11.	ND	U
118-74-1	HEXACHLOROBENZENE	11.	ND	U
87-86-5	PENTACHLOROPHENOL	56.	ND	U
85-01-8	PHENANTHRENE	11.	ND	U
120-12-7	ANTHRACENE	11.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	11.	ND	U
206-44-0	FLUORANTHENE	11.	ND	U
129-00-0	PYRENE	11.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	11.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	22.	ND	U
56-55-3	BENZO(A)ANTHRACENE	11.	ND	U
218-01-9	CHRYSENE	11.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	11.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	11.	ND	U
205-99-2	BENZO(B)FLUORANTHENE	11.	ND	U
207-08-9	BENZO(K)FLUORANTHENE	11.	ND	U
50-32-8	BENZO(A)PYRENE	11.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	11.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	11.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	11.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	11.	ND	U
4165-61-1	ANILINE	11.	ND	U
103-33-3	AZOBENZENE	11.	ND	U
92-87-5	BENZIDINE	56.	ND	U

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

Project ID : 1563.06
Sample ID : LF-7
Matrix : WATER
Date Sampled : 6/20/91
Date Extracted : 6/27/91
Amount Extracted : 750.0 mL
Date Analyzed : 6/29/91
Instrument ID : F2

Anametrix ID : 9106251-06
Analyst : MCS
Supervisor : MH

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	13.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	13.	ND	U
95-57-8	2-CHLOROPHENOL	13.	ND	U
541-73-1	1,3-DICHLOROBENZENE	13.	ND	U
106-46-7	1,4-DICHLOROBENZENE	13.	ND	U
100-51-6	BENZYL ALCOHOL	13.	ND	U
95-50-1	1,2-DICHLOROBENZENE	13.	ND	U
95-48-7	2-METHYLPHENOL	13.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	13.	ND	U
106-44-5	4-METHYLPHENOL	13.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	13.	ND	U
67-72-1	HEXACHLOROETHANE	13.	ND	U
98-95-3	NITROBENZENE	13.	ND	U
78-59-1	ISOPHORONE	13.	ND	U
88-75-5	2-NITROPHENOL	13.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	13.	ND	U
65-85-0	BENZOIC ACID	67.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	13.	ND	U
120-83-2	2,4-DICHLOROPHENOL	13.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	13.	ND	U
91-20-3	NAPHTHALENE	13.	5.	J
106-47-8	4-CHLOROANILINE	13.	ND	U
87-68-3	HEXACHLOROBUTADIENE	13.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	13.	ND	U
91-57-6	2-METHYLNAPHTHALENE	13.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	13.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	13.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	67.	ND	U
91-58-7	2-CHLORONAPHTHALENE	13.	ND	U
88-74-4	2-NITROANILINE	67.	ND	U
131-11-3	DIMETHYLPHTHALATE	13.	ND	U
208-96-8	ACENAPHTHYLENE	13.	ND	U
606-20-2	2,6-DINITROTOLUENE	13.	ND	U

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

Project ID : 1563.06
Sample ID : LF-7
Matrix : WATER
Date Sampled : 6/20/91
Date Extracted : 6/27/91
Amount Extracted : 750.0 mL
Date Analyzed : 6/29/91
Instrument ID : F2

Anametrix ID : 9106251-06
Analyst : MT
Supervisor : UM

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
99-09-2	3-NITROANILINE	67.	ND	U
83-32-9	ACENAPHTHENE	13.	ND	U
51-28-5	2,4-DINITROPHENOL	67.	ND	U
100-02-7	4-NITROPHENOL	67.	ND	U
132-64-9	DIBENZOFURAN	13.	ND	U
121-14-2	2,4-DINITROTOLUENE	13.	ND	U
84-66-2	DIETHYLPHTHALATE	13.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	13.	ND	U
86-73-7	FLUORENE	13.	ND	U
100-01-6	4-NITROANILINE	67.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	67.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	13.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	13.	ND	U
118-74-1	HEXACHLOROBENZENE	13.	ND	U
87-86-5	PENTACHLOROPHENOL	67.	ND	U
85-01-8	PHENANTHRENE	13.	ND	U
120-12-7	ANTHRACENE	13.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	13.	ND	U
206-44-0	FLUORANTHENE	13.	ND	U
129-00-0	PYRENE	13.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	13.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	27.	ND	U
56-55-3	BENZO(A)ANTHRACENE	13.	ND	U
218-01-9	CHRYSENE	13.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	13.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	13.	ND	U
205-99-2	BENZO(B)FLUORANTHENE	13.	ND	U
207-08-9	BENZO(K)FLUORANTHENE	13.	ND	U
50-32-8	BENZO(A)PYRENE	13.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	13.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	13.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	13.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	13.	ND	U
4165-61-1	ANILINE	13.	ND	U
103-33-3	AZOBENZENE	13.	ND	U
92-87-5	BENZIDINE	67.	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 : 6/20/91
Date Extracted : 6/27/91
Amount Extracted : 750.0 mL
Date Analyzed : 6/29/91
Instrument ID : F2

Anametrix ID : 9106251-07
Analyst : mcs
Supervisor : MH

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	13.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	13.	ND	U
95-57-8	2-CHLOROPHENOL	13.	ND	U
541-73-1	1,3-DICHLOROBENZENE	13.	ND	U
106-46-7	1,4-DICHLOROBENZENE	13.	ND	U
100-51-6	BENZYL ALCOHOL	13.	ND	U
95-50-1	1,2-DICHLOROBENZENE	13.	ND	U
95-48-7	2-METHYLPHENOL	13.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	13.	ND	U
106-44-5	4-METHYLPHENOL	13.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	13.	ND	U
67-72-1	HEXACHLOROETHANE	13.	ND	U
98-95-3	NITROBENZENE	13.	ND	U
78-59-1	ISOPHORONE	13.	ND	U
88-75-5	2-NITROPHENOL	13.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	13.	ND	U
65-85-0	BENZOIC ACID	67.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	13.	ND	U
120-83-2	2,4-DICHLOROPHENOL	13.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	13.	ND	U
91-20-3	NAPHTHALENE	13.	ND	U
106-47-8	4-CHLOROANILINE	13.	ND	U
87-68-3	HEXACHLOROBUTADIENE	13.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	13.	ND	U
91-57-6	2-METHYLNAPHTHALENE	13.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	13.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	13.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	67.	ND	U
91-58-7	2-CHLORONAPHTHALENE	13.	ND	U
88-74-4	2-NITROANILINE	67.	ND	U
131-11-3	DIMETHYLPHTHALATE	13.	ND	U
208-96-8	ACENAPHTHYLENE	13.	ND	U
606-20-2	2,6-DINITROTOLUENE	13.	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 : 6/20/91
Date Extracted : 6/27/91
Amount Extracted : 750.0 mL
Date Analyzed : 6/29/91
Instrument ID : F2

Anametrix ID : 9106251-07
Analyst : mc
Supervisor : M

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
99-09-2	3-NITROANILINE	67.	ND	U
83-32-9	ACENAPHTHENE	13.	ND	U
51-28-5	2,4-DINITROPHENOL	67.	ND	U
100-02-7	4-NITROPHENOL	67.	ND	U
132-64-9	DIBENZOFURAN	13.	ND	U
121-14-2	2,4-DINITROTOLUENE	13.	ND	U
84-66-2	DIETHYLPHTHALATE	13.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	13.	ND	U
86-73-7	FLUORENE	13.	ND	U
100-01-6	4-NITROANILINE	67.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	67.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	13.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	13.	ND	U
118-74-1	HEXACHLOROBENZENE	13.	ND	U
87-86-5	PENTACHLOROPHENOL	67.	ND	U
85-01-8	PHENANTHRENE	13.	ND	U
120-12-7	ANTHRACENE	13.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	13.	ND	U
206-44-0	FLUORANTHENE	13.	ND	U
129-00-0	PYRENE	13.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	13.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	27.	ND	U
56-55-3	BENZO(A)ANTHRACENE	13.	ND	U
218-01-9	CHRYSENE	13.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	13.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	13.	ND	U
205-99-2	BENZO(B)FLUORANTHENE	13.	ND	U
207-08-9	BENZO(K)FLUORANTHENE	13.	ND	U
50-32-8	BENZO(A)PYRENE	13.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	13.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	13.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	13.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	13.	ND	U
4165-61-1	ANILINE	13.	ND	U
103-33-3	AZOBENZENE	13.	ND	U
92-87-5	BENZIDINE	67.	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 : 6/20/91
Date Extracted : 6/27/91
Amount Extracted : 900.0 mL
Date Analyzed : 6/29/91
Instrument ID : F2

Anametrix ID : 9106251-08
Analyst : MC
Supervisor : M

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	11.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	11.	ND	U
95-57-8	2-CHLOROPHENOL	11.	ND	U
541-73-1	1,3-DICHLOROBENZENE	11.	ND	U
106-46-7	1,4-DICHLOROBENZENE	11.	ND	U
100-51-6	BENZYL ALCOHOL	11.	ND	U
95-50-1	1,2-DICHLOROBENZENE	11.	ND	U
95-48-7	2-METHYLPHENOL	11.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	11.	ND	U
106-44-5	4-METHYLPHENOL	11.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	11.	ND	U
67-72-1	HEXACHLOROETHANE	11.	ND	U
98-95-3	NITROBENZENE	11.	ND	U
78-59-1	ISOPHORONE	11.	ND	U
88-75-5	2-NITROPHENOL	11.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	11.	ND	U
65-85-0	BENZOIC ACID	56.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	11.	ND	U
120-83-2	2,4-DICHLOROPHENOL	11.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	11.	ND	U
91-20-3	NAPHTHALENE	11.	ND	U
106-47-8	4-CHLOROANILINE	11.	ND	U
87-68-3	HEXACHLOROBUTADIENE	11.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	11.	ND	U
91-57-6	2-METHYLNAPHTHALENE	11.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	11.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	11.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	56.	ND	U
91-58-7	2-CHLORONAPHTHALENE	11.	ND	U
88-74-4	2-NITROANILINE	56.	ND	U
131-11-3	DIMETHYLPHTHALATE	11.	ND	U
208-96-8	ACENAPHTHYLENE	11.	ND	U
606-20-2	2,6-DINITROTOLUENE	11.	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 : 6/20/91
Date Extracted : 6/27/91
Amount Extracted : 900.0 mL
Date Analyzed : 6/29/91
Instrument ID : F2

Anametrix ID : 9106251-08
Analyst : mc
Supervisor : [illegible]

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
99-09-2	3-NITROANILINE	56.	ND	U
83-32-9	ACENAPHTHENE	11.	ND	U
51-28-5	2,4-DINITROPHENOL	56.	ND	U
100-02-7	4-NITROPHENOL	56.	ND	U
132-64-9	DIBENZOFURAN	11.	ND	U
121-14-2	2,4-DINITROTOLUENE	11.	ND	U
84-66-2	DIETHYLPHTHALATE	11.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	11.	ND	U
86-73-7	FLUORENE	11.	ND	U
100-01-6	4-NITROANILINE	56.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	56.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	11.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	11.	ND	U
118-74-1	HEXACHLOROBENZENE	11.	ND	U
87-86-5	PENTACHLOROPHENOL	56.	ND	U
85-01-8	PHENANTHRENE	11.	ND	U
120-12-7	ANTHRACENE	11.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	11.	ND	U
206-44-0	FLUORANTHENE	11.	ND	U
129-00-0	PYRENE	11.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	11.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	22.	ND	U
56-55-3	BENZO(A)ANTHRACENE	11.	ND	U
218-01-9	CHRYSENE	11.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	11.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	11.	ND	U
205-99-2	BENZO(B)FLUORANTHENE	11.	ND	U
207-08-9	BENZO(K)FLUORANTHENE	11.	ND	U
50-32-8	BENZO(A)PYRENE	11.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	11.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	11.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	11.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	11.	ND	U
4165-61-1	ANILINE	11.	ND	U
103-33-3	AZOBENZENE	11.	ND	U
92-87-5	BENZIDINE	56.	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 : 6/20/91
Date Extracted : 6/27/91
Amount Extracted : 910.0 mL
Date Analyzed : 6/29/91
Instrument ID : F2

Anametrix ID : 9106251-09
Analyst : MCS
Supervisor : M

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	11.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	11.	ND	U
95-57-8	2-CHLOROPHENOL	11.	ND	U
541-73-1	1,3-DICHLOROBENZENE	11.	ND	U
106-46-7	1,4-DICHLOROBENZENE	11.	ND	U
100-51-6	BENZYL ALCOHOL	11.	ND	U
95-50-1	1,2-DICHLOROBENZENE	11.	ND	U
95-48-7	2-METHYLPHENOL	11.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	11.	ND	U
106-44-5	4-METHYLPHENOL	11.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	11.	ND	U
67-72-1	HEXACHLOROETHANE	11.	ND	U
98-95-3	NITROBENZENE	11.	ND	U
78-59-1	ISOPHORONE	11.	ND	U
88-75-5	2-NITROPHENOL	11.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	11.	ND	U
65-85-0	BENZOIC ACID	55.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	11.	ND	U
120-83-2	2,4-DICHLOROPHENOL	11.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	11.	ND	U
91-20-3	NAPHTHALENE	11.	ND	U
106-47-8	4-CHLOROANILINE	11.	ND	U
87-68-3	HEXACHLOROBUTADIENE	11.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	11.	ND	U
91-57-6	2-METHYLNAPHTHALENE	11.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	11.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	11.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	55.	ND	U
91-58-7	2-CHLORONAPHTHALENE	11.	ND	U
88-74-4	2-NITROANILINE	55.	ND	U
131-11-3	DIMETHYLPHTHALATE	11.	ND	U
208-96-8	ACENAPHTHYLENE	11.	ND	U
606-20-2	2,6-DINITROTOLUENE	11.	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 : 6/20/91
Date Extracted : 6/27/91
Amount Extracted : 910.0 mL
Date Analyzed : 6/29/91
Instrument ID : F2

Anametrix ID : 9106251-09
Analyst : mcr
Supervisor : [illegible]

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
99-09-2	3-NITROANILINE	55.	ND	U
83-32-9	ACENAPHTHENE	11.	ND	U
51-28-5	2,4-DINITROPHENOL	55.	ND	U
100-02-7	4-NITROPHENOL	55.	ND	U
132-64-9	DIBENZOFURAN	11.	ND	U
121-14-2	2,4-DINITROTOLUENE	11.	ND	U
84-66-2	DIETHYLPHTHALATE	11.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	11.	ND	U
86-73-7	FLUORENE	11.	ND	U
100-01-6	4-NITROANILINE	55.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	55.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	11.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	11.	ND	U
118-74-1	HEXACHLOROBENZENE	11.	ND	U
87-86-5	PENTACHLOROPHENOL	55.	ND	U
85-01-8	PHENANTHRENE	11.	ND	U
120-12-7	ANTHRACENE	11.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	11.	ND	U
206-44-0	FLUORANTHENE	11.	ND	U
129-00-0	PYRENE	11.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	11.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	22.	ND	U
56-55-3	BENZO(A)ANTHRACENE	11.	ND	U
218-01-9	CHRYSENE	11.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	11.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	11.	ND	U
205-99-2	BENZO(B)FLUORANTHENE	11.	ND	U
207-08-9	BENZO(K)FLUORANTHENE	11.	ND	U
50-32-8	BENZO(A)PYRENE	11.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	11.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	11.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	11.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	11.	ND	U
4165-61-1	ANILINE	11.	ND	U
103-33-3	AZOBENZENE	11.	ND	U
92-87-5	BENZIDINE	55.	ND	U

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

Project ID	: 1563.06	Anametrix ID	: 9106251-10
Sample ID	: LF-16	Analyst	: mar
Matrix	: WATER	Supervisor	: MH
Date Sampled	: 6/20/91		
Date Extracted	: 6/27/91		
Amount Extracted	: 920.0 mL		
Date Analyzed	: 6/29/91	Dilution Factor	: 1.00
Instrument ID	: F2	Conc. Units	: ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	11.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	11.	ND	U
95-57-8	2-CHLOROPHENOL	11.	ND	U
541-73-1	1,3-DICHLOROBENZENE	11.	ND	U
106-46-7	1,4-DICHLOROBENZENE	11.	ND	U
100-51-6	BENZYL ALCOHOL	11.	ND	U
95-50-1	1,2-DICHLOROBENZENE	11.	ND	U
95-48-7	2-METHYLPHENOL	11.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	11.	ND	U
106-44-5	4-METHYLPHENOL	11.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	11.	ND	U
67-72-1	HEXACHLOROETHANE	11.	ND	U
98-95-3	NITROBENZENE	11.	ND	U
78-59-1	ISOPHORONE	11.	ND	U
88-75-5	2-NITROPHENOL	11.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	11.	ND	U
65-85-0	BENZOIC ACID	54.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	11.	ND	U
120-83-2	2,4-DICHLOROPHENOL	11.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	11.	ND	U
91-20-3	NAPHTHALENE	11.	ND	U
106-47-8	4-CHLOROANILINE	11.	ND	U
87-68-3	HEXACHLOROBUTADIENE	11.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	11.	ND	U
91-57-6	2-METHYLNAPHTHALENE	11.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	11.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	11.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	54.	ND	U
91-58-7	2-CHLORONAPHTHALENE	11.	ND	U
88-74-4	2-NITROANILINE	54.	ND	U
131-11-3	DIMETHYLPHTHALATE	11.	ND	U
208-96-8	ACENAPHTHYLENE	11.	ND	U
606-20-2	2,6-DINITROTOLUENE	11.	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 : 6/20/91
Date Extracted : 6/27/91
Amount Extracted : 920.0 mL
Date Analyzed : 6/29/91
Instrument ID : F2

Anametrix ID : 9106251-10
Analyst : MC
Supervisor : M

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
99-09-2	3-NITROANILINE	54.	ND	U
83-32-9	ACENAPHTHENE	11.	ND	U
51-28-5	2,4-DINITROPHENOL	54.	ND	U
100-02-7	4-NITROPHENOL	54.	ND	U
132-64-9	DIBENZOFURAN	11.	ND	U
121-14-2	2,4-DINITROTOLUENE	11.	ND	U
84-66-2	DIETHYLPHTHALATE	11.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	11.	ND	U
86-73-7	FLUORENE	11.	ND	U
100-01-6	4-NITROANILINE	54.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	54.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	11.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	11.	ND	U
118-74-1	HEXACHLOROBENZENE	11.	ND	U
87-86-5	PENTACHLOROPHENOL	54.	ND	U
85-01-8	PHENANTHRENE	11.	ND	U
120-12-7	ANTHRACENE	11.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	11.	ND	U
206-44-0	FLUORANTHENE	11.	ND	U
129-00-0	PYRENE	11.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	11.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	22.	ND	U
56-55-3	BENZO(A)ANTHRACENE	11.	ND	U
218-01-9	CHRYSENE	11.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	11.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	11.	ND	U
205-99-2	BENZO(B)FLUORANTHENE	11.	ND	U
207-08-9	BENZO(K)FLUORANTHENE	11.	ND	U
50-32-8	BENZO(A)PYRENE	11.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	11.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	11.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	11.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	11.	ND	U
4165-61-1	ANILINE	11.	ND	U
103-33-3	AZOBENZENE	11.	ND	U
92-87-5	BENZIDINE	54.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID :
Sample ID : BLANK
Matrix : WATER
Date Sampled : 0/ 0/ 0
Date Analyzed : 6/29/91
Instrument ID : F3

Anametrix ID : 3CB0629V01
Analyst : MS
Supervisor : CN

Dilution Factor : 1.00
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.	3.	J
156-60-5	TRANS-1,2-DICHLOROETHENE	5.	ND	U
75-34-3	1,1-DICHLOROETHANE	5.	ND	U
78-93-3	2-BUTANONE	20.	ND	U
156-59-2	CIS-1,2-DICHLOROETHENE	5.	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
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
110-75-8	2-CHLOROETHYLVINYL ETHER	5.	ND	U
108-05-4	VINYL ACETATE	10.	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 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID :
Sample ID : BLANK
Matrix : WATER
Date Sampled : 0/ 0/ 0
Date Analyzed : 7/ 1/91
Instrument ID : F3

Anametrix ID : 3CB0701V03
Analyst : MC
Supervisor : LM

Dilution Factor : 1.00
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.	30.	
75-15-0	CARBON DISULFIDE	5.	ND	U
75-09-2	METHYLENE CHLORIDE	5.	4.	J
156-60-5	TRANS-1,2-DICHLOROETHENE	5.	ND	U
75-34-3	1,1-DICHLOROETHANE	5.	ND	U
78-93-3	2-BUTANONE	20.	ND	U
156-59-2	CIS-1,2-DICHLOROETHENE	5.	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
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
110-75-8	2-CHLOROETHYLVINYL ETHER	5.	ND	U
108-05-4	VINYL ACETATE	10.	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 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID :
Sample ID : BLANK
Matrix : WATER
Date Sampled : 0/ 0/ 0
Date Extracted : 6/27/91
Amount Extracted : 1000.0 mL
Date Analyzed : 6/28/91
Instrument ID : F2

Anametrix ID : 2CB0627C01
Analyst : MET
Supervisor : [illegible]

Dilution Factor : 1.00
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
606-20-2	2,6-DINITROTOLUENE	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 : 6/27/91
Amount Extracted : 1000.0 mL
Date Analyzed : 6/28/91
Instrument ID : F2

Anametrix ID : 2CB0627C01
Analyst : Mes
Supervisor : UH

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
99-09-2	3-NITROANILINE	50.	ND	U
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
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	50.	ND	U

SURROGATE RECOVERY SUMMARY -- EPA METHOD 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Matrix : LIQUID

Anametrix ID : 9106251
Analyst : MC
Supervison : M

	SAMPLE ID	SU1	SU2	SU3	TOTAL OUT
1	BLANK	102	99	108	0
2	LF-11-BR	104	97	97	0
3	BLANK	98	96	107	0
4	LF-B1	102	94	99	0
5	LF-11-D	100	91	98	0
6	LF-11	101	87	104	0
7	LF-8	101	97	97	0
8	LF-14	101	91	101	0
9	LF-15	101	96	99	0
10	LF-16	100	94	99	0
11	LF-7	100	95	93	0
12					
13					
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 = BROMOFLUOROBENZENE	(82-114)

* 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 : 9106251
Analyst : MCT
Supervisor : [illegible]

	SAMPLE ID	SU1	SU2	SU3	SU4	SU5	SU6	TOTAL OUT
2	BLANK	39	37	80	72	72	91	0
3	LF-11-BR	60	49	80	72	93	88	0
4	LF-11	56	39	67	62	100	81	0
5	LF-11-D	60	41	74	66	104	78	0
6	LF-B1	62	42	70	66	99	73	0
7	LF-7	72	52	5 *	69	118	85	1
8	LF-8	68	50	78	70	107	85	0
9	LF-8 MS	59	46	82	73	95	92	0
10	LF-8 MSD	66	44	80	75	111	88	0
11	LF-14	68	48	81	74	117	93	0
12	LF-15	90 *	68	97	88	138	108	1
13	LF-16	71	49	84	73	117	94	0
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								

	QC LIMITS
SU1 = 2-FLUOROPHENOL	(10- 82)
SU2 = PHENOL-D5	(10- 72)
SU3 = NITROBENZENE-D5	(10-100)
SU4 = 2-FLUOROBIPHENYL	(10- 92)
SU5 = 2,4,6-TRIBROMOPHENOL	(15-139)
SU6 = TERPHENYL-D14	(10-110)

* Values outside of Anametrix QC limits

MATRIX SPIKE RECOVERY FORM -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-8
Matrix : WATER
Date Sampled : 6/20/91
Date Extracted : 6/27/91
Date Analyzed : 6/29/91
Instrument ID : F2

Anametrix ID : 9106251-07
Analyst : MCT
Supervisor : UH

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	%REC LIMITS
PHENOL	100.	0.	49.	49	10- 82
2-CHLOROPHENOL	100.	0.	90.	90	27-114
1,4-DICHLOROBENZENE	50.	0.	43.	85	21- 86
N-NITROSO-DI-N-PROP.(1)	50.	0.	57.	113	29-139
1,2,4-TRICHLOROBENZENE	50.	0.	46.	92	14-104
4-CHLORO-3-METHYLPHENOL	100.	0.	103.	103	36-121
ACENAPHTHENE	50.	0.	50.	99	38-108
4-NITROPHENOL	100.	0.	21.	21	10- 58
2,4-DINITROTOLUENE	50.	0.	53.	107	44-121
PENTACHLOROPHENOL	100.	0.	73.	73	10-137
PYRENE	50.	0.	58.	116	44-125

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD		RPD LIMITS	%REC LIMITS
PHENOL	100.	47.	47	4		42	10- 82
2-CHLOROPHENOL	100.	93.	93	3		40	27-114
1,4-DICHLOROBENZENE	50.	41.	83	3		28	21- 86
N-NITROSO-DI-N-PROP.(1)	50.	57.	115	1		38	29-139
1,2,4-TRICHLOROBENZENE	50.	44.	89	4		28	14-104
4-CHLORO-3-METHYLPHENOL	100.	102.	102	1		42	36-121
ACENAPHTHENE	50.	51.	101	2		31	38-108
4-NITROPHENOL	100.	45.	45	72	*	50	10- 58
2,4-DINITROTOLUENE	50.	53.	106	0		38	44-121
PENTACHLOROPHENOL	100.	126.	126	52	*	50	10-137
PYRENE	50.	55.	110	5		31	44-125

* Value is outside of Anametrix QC limits

RPD: 2 out of 11 outside limits
Spike Recovery: 0 out of 22 outside limits

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

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

Workorder # : 9106251
Date Received : 06/21/91
Project ID : 1563.06
Purchase Order: 1563.06
Department : GC
Sub-Department: TPH

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9106251- 2	LF-11-BR	WATER	06/20/91	TPHd
9106251- 3	LF-11	WATER	06/20/91	TPHd
9106251- 4	LF-11-D	WATER	06/20/91	TPHd
9106251- 5	LF-B1	WATER	06/20/91	TPHd
9106251- 6	LF-7	WATER	06/20/91	TPHd
9106251- 7	LF-8	WATER	06/20/91	TPHd
9106251- 8	LF-14	WATER	06/20/91	TPHd
9106251- 9	LF-15	WATER	06/20/91	TPHd
9106251-10	LF-16	WATER	06/20/91	TPHd

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

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

Workorder # : 9106251
Date Received : 06/21/91
Project ID : 1563.06
Purchase Order: 1563.06
Department : GC
Sub-Department: TPH

QA/QC SUMMARY :

- No QA/QC problems encountered for these samples.

Cheryl Balman 7/1/91
Department Supervisor Date

Chemist 7.1.91
Date

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

Anametrix W.O.: 9106251
Matrix : WATER
Date Sampled : 06/20/91
Date Extracted: 06/25/91

Project Number : 1563.06
Date released : 07/01/91
Instrument I.D.: HP23

Anametrix I.D.	Client I.D.	Date Analyzed	Reporting Limit (ug/L)	Amount Found (ug/L)
9106251-02	LF-11-BR	06/26/91	50	ND
9106251-03	LF-11	06/28/91	50	130
9106251-04	LF-11-D	06/28/91	50	120
9106251-05	LF-B1	06/28/91	50	ND
9106251-06	LF-7	06/27/91	50	ND
9106251-07	LF-8	06/27/91	50	ND
9106251-08	LF-14	06/27/91	50	ND
9106251-09	LF-15	06/27/91	50	ND
9106251-10	LF-16	06/27/91	50	ND
DWBL062591	METHOD SPIKE	06/26/91	50	ND

Note : Reporting limit is obtained by multiplying the dilution factor times 50ug/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.

Irene Jurisoa 07-02-91
Analyst Date

Cheryl Baeman 7/2/91
Supervisor Date

TOTAL EXTRACTABLE HYDROCARBON METHOD SPIKE REPORT
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: 06/26/91
Date Analyzed : 06/28/91

Anametrix I.D. : SPK062691
Analyst : CF
Supervisor : CB
Date Released : 07/01/91

COMPOUND	SPIKE AMT. (ug/L)	MS (ug/L)	%REC MS	MSD (ug/L)	%REC MSD	RPD	%REC LIMITS
Diesel	1250	860	69%	920	74%	7%	35-109

* 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 # : 9106251
Date Received : 06/21/91
Project ID : 1563.06
Purchase Order: 1563.06
Department : METALS
Sub-Department: METALS

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9106251- 1	LF-11-TB	WATER	06/20/91	6010
9106251- 2	LF-11-BR	WATER	06/20/91	6010
9106251- 3	LF-11	WATER	06/20/91	6010
9106251- 4	LF-11-D	WATER	06/20/91	6010
9106251- 5	LF-B1	WATER	06/20/91	6010
9106251- 6	LF-7	WATER	06/20/91	6010
9106251- 7	LF-8	WATER	06/20/91	6010
9106251- 8	LF-14	WATER	06/20/91	6010
9106251- 9	LF-15	WATER	06/20/91	6010
9106251-10	LF-16	WATER	06/20/91	6010
9106251-11	LF-B3-BR	WATER	06/19/91	6010
9106251- 1	LF-11-TB	WATER	06/20/91	7060
9106251- 2	LF-11-BR	WATER	06/20/91	7060
9106251- 3	LF-11	WATER	06/20/91	7060
9106251- 4	LF-11-D	WATER	06/20/91	7060
9106251- 5	LF-B1	WATER	06/20/91	7060
9106251- 6	LF-7	WATER	06/20/91	7060
9106251- 7	LF-8	WATER	06/20/91	7060
9106251- 8	LF-14	WATER	06/20/91	7060
9106251- 9	LF-15	WATER	06/20/91	7060
9106251-10	LF-16	WATER	06/20/91	7060
9106251-11	LF-B3-BR	WATER	06/19/91	7060
9106251- 1	LF-11-TB	WATER	06/20/91	7421

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

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

Workorder # : 9106251
Date Received : 06/21/91
Project ID : 1563.06
Purchase Order: 1563.06
Department : METALS
Sub-Department: METALS

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9106251- 2	LF-11-BR	WATER	06/20/91	7421
9106251- 3	LF-11	WATER	06/20/91	7421
9106251- 4	LF-11-D	WATER	06/20/91	7421
9106251- 5	LF-B1	WATER	06/20/91	7421
9106251- 6	LF-7	WATER	06/20/91	7421
9106251- 7	LF-8	WATER	06/20/91	7421
9106251- 8	LF-14	WATER	06/20/91	7421
9106251- 9	LF-15	WATER	06/20/91	7421
9106251-10	LF-16	WATER	06/20/91	7421
9106251-11	LF-B3-BR	WATER	06/19/91	7421
9106251- 1	LF-11-TB	WATER	06/20/91	7470
9106251- 2	LF-11-BR	WATER	06/20/91	7470
9106251- 3	LF-11	WATER	06/20/91	7470
9106251- 4	LF-11-D	WATER	06/20/91	7470
9106251- 5	LF-B1	WATER	06/20/91	7470
9106251- 6	LF-7	WATER	06/20/91	7470
9106251- 7	LF-8	WATER	06/20/91	7470
9106251- 8	LF-14	WATER	06/20/91	7470
9106251- 9	LF-15	WATER	06/20/91	7470
9106251-10	LF-16	WATER	06/20/91	7470
9106251-11	LF-B3-BR	WATER	06/19/91	7470
9106251- 1	LF-11-TB	WATER	06/20/91	7521
9106251- 2	LF-11-BR	WATER	06/20/91	7521

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

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

Workorder # : 9106251
Date Received : 06/21/91
Project ID : 1563.06
Purchase Order: 1563.06
Department : METALS
Sub-Department: METALS

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9106251- 3	LF-11	WATER	06/20/91	7521
9106251- 4	LF-11-D	WATER	06/20/91	7521
9106251- 5	LF-B1	WATER	06/20/91	7521
9106251- 6	LF-7	WATER	06/20/91	7521
9106251- 7	LF-8	WATER	06/20/91	7521
9106251- 8	LF-14	WATER	06/20/91	7521
9106251- 9	LF-15	WATER	06/20/91	7521
9106251-10	LF-16	WATER	06/20/91	7521
9106251-11	LF-B3-BR	WATER	06/19/91	7521
9106251- 1	LF-11-TB	WATER	06/20/91	7740
9106251- 2	LF-11-BR	WATER	06/20/91	7740
9106251- 3	LF-11	WATER	06/20/91	7740
9106251- 4	LF-11-D	WATER	06/20/91	7740
9106251- 5	LF-B1	WATER	06/20/91	7740
9106251- 6	LF-7	WATER	06/20/91	7740
9106251- 7	LF-8	WATER	06/20/91	7740
9106251- 8	LF-14	WATER	06/20/91	7740
9106251- 9	LF-15	WATER	06/20/91	7740
9106251-10	LF-16	WATER	06/20/91	7740
9106251-11	LF-B3-BR	WATER	06/19/91	7740
9106251- 1	LF-11-TB	WATER	06/20/91	7761
9106251- 2	LF-11-BR	WATER	06/20/91	7761
9106251- 3	LF-11	WATER	06/20/91	7761

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

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

Workorder # : 9106251
Date Received : 06/21/91
Project ID : 1563.06
Purchase Order: 1563.06
Department : METALS
Sub-Department: METALS

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9106251- 4	LF-11-D	WATER	06/20/91	7761
9106251- 5	LF-B1	WATER	06/20/91	7761
9106251- 6	LF-7	WATER	06/20/91	7761
9106251- 7	LF-8	WATER	06/20/91	7761
9106251- 8	LF-14	WATER	06/20/91	7761
9106251- 9	LF-15	WATER	06/20/91	7761
9106251-10	LF-16	WATER	06/20/91	7761
9106251-11	LF-B3-BR	WATER	06/19/91	7761

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

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

Workorder # : 9106251
Date Received : 06/21/91
Project ID : 1563.06
Purchase Order: 1563.06
Department : METALS
Sub-Department: METALS

QA/QC SUMMARY :

- All samples were reprepared on 07/08/91 and reanalyzed on 07/09/91 for Lead EPA Method 7421 and Zinc EPA Method 6010.

Michael A. Hall 7/9/91
Department Supervisor Date

Hiren J Nagpurwala 7/9/91
Chemist Date

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

Anametrix W.O.: 9106251
Matrix : WATER
Date Sampled : 06/20/91
Project Number: 1563.06

Date Prepared : 06/21/91
Date Analyzed : 06/24/91
Date Released : 07/05/91
Instrument I.D.: AA1/ICP1

	EPA Method#	Reporting Limit	Sample I.D.# LF-11 -TB	Sample I.D.# LF-11 -BR	Sample I.D.# LF-11	Sample I.D.# LF-11 -D	Sample I.D.# LF-B1
ELEMENTS		(ug/L)	-01	-02	-03	-04	-05
Silver (Ag)	7761	1.0	ND	ND	ND	ND	ND
Arsenic (As)	7060	10.0	ND	ND	22.7	23.8	ND
Cadmium (Cd)	6010	5.0	ND	ND	ND	ND	ND
Total Cr	6010	10.0	ND	ND	ND	ND	ND
Copper (Cu)	6010	25.0	ND	ND	ND	ND	ND
Mercury (Hg)	7470	1.0	ND	ND	ND	ND	ND
Nickel (Ni)	7521	5.0	ND	ND	5.6	6.8	ND
Lead (Pb)	7421	4.0	ND*	ND*	7.2*	6.0*	4.1*
Selenium (Se)	7740	5.0	ND	ND	ND	ND	ND
Zinc (Zn)	6010	20.0	ND*	ND*	ND*	ND*	ND*

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

All Metals by EPA Method 200 Series, Method for Chemical Analysis of Water and Wastes, 3rd Edition, 1983 , and California Administrative Code Title 22, Section 66699.

* : Samples were reprepared on 07/08/91 and reanalyzed on 07/09/91 for Lead EPA Method 7421 and Zinc EPA Method 6010.

Mary Nguyen 7/9/91
Supervisor Date

Lizza J Nagpurwala 7/9/91
Chemist Date

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

Anametrix W.O.: 9106251
Matrix : WATER
Date Sampled : 06/20/91
Project Number: 1563.06

Date Prepared : 06/21/91
Date Analyzed : 06/24/91
Date Released : 07/05/91
Instrument I.D.: AA1/ICP1

	EPA Method#	Reporting Limit	Sample I.D.# LF-7	Sample I.D.# LF-8	Sample I.D.# BLANK		
ELEMENTS		(ug/L)	-06	-07	MB0621W		
Silver (Ag)	7761	1.0	ND	ND	ND		
Arsenic (As)	7060	10.0	11.8	20.5	ND		
Cadmium (Cd)	6010	5.0	ND	ND	ND		
Total Cr	6010	10.0	ND	ND	ND		
Copper (Cu)	6010	25.0	ND	ND	ND		
Mercury (Hg)	7470	1.0	ND	ND	ND		
Nickel (Ni)	7521	5.0	ND	ND	ND		
Lead (Pb)	7421	4.0	ND*	ND*	ND*		
Selenium (Se)	7740	5.0	ND	ND	ND		
Zinc (Zn)	6010	20.0	ND*	ND*	ND*		

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

All Metals by EPA Method 200 Series, Method for Chemical Analysis of Water and Wastes, 3rd Edition, 1983 , and California Administrative Code Title 22, Section 66699.

* : Samples were reprepared on 07/08/91 and reanalyzed on 07/09/91 for Lead EPA Method 7421 and Zinc EPA Method 6010.

Supervisor 7/10/91 Date

Chemist 7/10/91 Date

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

Anametrix W.O.: 9106251
Matrix : WATER
Date Sampled : 06/20/91
Project Number: 1563.06

Date Prepared : 06/21/91
Date Analyzed : 06/24/91
Date Released : 07/05/91
Instrument I.D.: AA1/ICP1

ELEMENTS	EPA Method#	Reporting Limit (ug/L)	Sample I.D.# LF-14 -08
Silver (Ag)	7761	1.0	ND
Arsenic (As)	7060	20.0	94.8
Cadmium (Cd)	6010	5.0	ND
Total Cr	6010	10.0	ND
Copper (Cu)	6010	25.0	ND
Mercury (Hg)	7470	1.0	ND
Nickel (Ni)	7521	5.0	ND
Lead (Pb)	7421	4.0	ND*
Selenium (Se)	7740	5.0	ND
Zinc (Zn)	6010	20.0	ND*

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

All Metals by EPA Method 200 Series, Method for Chemical Analysis of Water and Wastes, 3rd Edition, 1983 , and California Administrative Code Title 22, Section 66699.

* : Samples were reprepared on 07/08/91 and reanalyzed on 07/09/91 for Lead EPA Method 7421 and Zinc EPA Method 6010.

Supervisor 7/10/91 Date

Chemist 7/10/91 Date

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

Anametrix W.O.: 9106251
Matrix : WATER
Date Sampled : 06/20/91
Project Number: 1563.06

Date Prepared : 06/21/91
Date Analyzed : 06/24/91
Date Released : 07/05/91
Instrument I.D.: AA1/ICP1

ELEMENTS	EPA Method#	Reporting Limit (ug/L)	Sample I.D.# LF-15 -09	Sample I.D.# LF-16 -10	Sample I.D.# LF-B3-BR -11
Silver (Ag)	7761	1.0	ND	ND	ND
Arsenic (As)	7060	10.0	ND	10.0	ND
Cadmium (Cd)	6010	5.0	ND	ND	ND
Total Cr	6010	10.0	ND	ND	ND
Copper (Cu)	6010	25.0	ND	ND	ND
Mercury (Hg)	7470	1.0	ND	ND	ND
Nickel (Ni)	7521	5.0	5.9	18.1	ND
Lead (Pb)	7421	4.0	ND*	ND*	ND*
Selenium (Se)	7740	5.0	ND	ND	ND
Zinc (Zn)	6010	20.0	ND*	ND*	ND*

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

All Metals by EPA Method 200 Series, Method for Chemical Analysis of Water and Wastes, 3rd Edition, 1983 , and California Administrative Code Title 22, Section 66699.

* : Samples were reprepared on 07/08/91 and reanalyzed on 07/09/91 for Lead EPA Method 7421 and Zinc EPA Method 6010.

Supervisor 7/10/91 Date

Chemist 7/10/91 Date

10/2 10/39 10/9

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

9106251

Project No.: 1563.06	Field Logbook No.:	Date: 6-20-91	Serial No.: 7787
Project Name: SHERWIN-WILLIAMS	Project Location: EMERYVILLE, CA.		
Sampler (Signature):			Samplers: JCK, TLL

	SAMPLES						ANALYSES								
	SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CONTAINERS	SAMPLE TYPE	EPA 601	EPA 624	EPA 8240	EPA 8270	TPH as D ②	METALS ②	HOLD	RUSH	REMARKS
1	~~LF-11-TB~~	~~6-20~~	~~08:00~~		1							X			
FCL	~~LF-11-BR~~	6-20	~~16:20~~		7	H_2O			X	X	X	X			① MOD. 8015 TPH as DIESEL
2	LF-11-BR	6-20	16:20		7	H_2O			X	X	X	X			② BASIN PLAN METALS
3	LF-11		16:30		8	GROUND WATER			X	X	X	X			
4	LF-11-D		17:30		8	GROUND WATER			X	X	X	X			③ SAMPLE LEFT IN FIELD
5	LF-B1		8:55		9	GROUND WATER			X	X	X	X			COOLER FROM PREVIOUS
6	LF-7		10:15		9	GROUND WATER			X	X	X	X			DAY SAMPLING
7	LF-8		11:10		9	GROUND WATER			X	X	X	X			
8	LF-14		14:10		9	GROUND WATER			X	X	X	X			NORMAL TURNAROUND
9	LF-15		14:20		9	GROUND WATER			X	X	X	X			
10	LF-16	↓	15:10		9	GROUND WATER			X	X	X	X			RESULTS TO JOHN DEREAMER
11	③ LF-B3-BR	6-19	16:40		1	H_2O						X			
	each	WO	#												
	3	Vials	for	8240,	2x Liter	for	8270,		2x Liter	for	TPHd				SAMPLES IN 3 ICE CHESTS.

RELINQUISHED BY: (Signature)	DATE 6-20-91	TIME 18:30	RECEIVED BY: (Signature)	DATE 6-20-91	TIME 18:30
RELINQUISHED BY: (Signature)	DATE 6-21-91	TIME 10:00 AM	RECEIVED BY: (Signature)	DATE 6-21-91	TIME 1000
RELINQUISHED BY: (Signature)	DATE 6-21-91	TIME 1105	RECEIVED BY: (Signature)	DATE 06/21/91	TIME 1105
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 ATT: ANNA RISING

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

ANAMETRIX INC
Environmental & Analytical Chemistry
1261 Oakmead 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 # : 9106274
Date Received : 06/24/91
Project ID : 1563.06
Purchase Order: 1563.06

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

ANAMETRIX ID	CLIENT SAMPLE ID
9106274- 1	LF-4-TB
9106274- 2	LF-4
9106274- 3	LF-4-D
9106274- 4	LF-B2
9106274- 5	LF-9
9106274- 6	LF-10
9106274- 7	LF-3
9106274- 8	LF-1

This report consists of 48 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.

Burt Suthulan FOR
Sarah Schoen, Ph.D.
Laboratory Manager

7-11-91
Date

RECEIVED
JUL 18
LEVINE-FRICKE

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 # : 9106274
Date Received : 06/24/91
Project ID : 1563.06
Purchase Order: 1563.06
Department : GCMS
Sub-Department: GCMS

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9106274- 1	LF-4-TB	WATER	06/21/91	8240
9106274- 2	LF-4	WATER	06/21/91	8240
9106274- 3	LF-4-D	WATER	06/21/91	8240
9106274- 4	LF-B2	WATER	06/21/91	8240
9106274- 5	LF-9	WATER	06/21/91	8240
9106274- 6	LF-10	WATER	06/21/91	8240
9106274- 7	LF-3	WATER	06/21/91	8240
9106274- 8	LF-1	WATER	06/21/91	8240
9106274- 1	LF-4-TB	WATER	06/21/91	8270
9106274- 2	LF-4	WATER	06/21/91	8270
9106274- 3	LF-4-D	WATER	06/21/91	8270
9106274- 4	LF-B2	WATER	06/21/91	8270
9106274- 5	LF-9	WATER	06/21/91	8270
9106274- 6	LF-10	WATER	06/21/91	8270
9106274- 7	LF-3	WATER	06/21/91	8270
9106274- 8	LF-1	WATER	06/21/91	8270

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

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

Workorder # : 9106274
Date Received : 06/24/91
Project ID : 1563.06
Purchase Order: 1563.06
Department : GCMS
Sub-Department: GCMS

QA/QC SUMMARY :

- Toluene and xylene (total) quantitation exceeded the calibration range in the EPA Method 8240 analysis of sample LF-3.
- Surrogate recoveries are outside established limits in the EPA Method 8270 analyses of samples LF-B2 and LF-10.

Department Supervisor — Date 7-8-91

Chemist — Date 7-5-91

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-4-TB
Matrix : WATER
Date Sampled : 6/21/91
Date Analyzed : 7/ 2/91
Instrument ID : F3

Anametrix ID : 9106274-01
Analyst : MCT
Supervisor : UM

Dilution Factor : 1.00
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
78-93-3	2-BUTANONE	20.	ND	U
156-59-2	CIS-1,2-DICHLOROETHENE	5.	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
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
110-75-8	2-CHLOROETHYLVINYL ETHER	5.	ND	U
108-05-4	VINYL ACETATE	10.	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 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-4
Matrix : WATER
Date Sampled : 6/21/91
Date Analyzed : 7/ 2/91
Instrument ID : F3

Anametrix ID : 9106274-02
Analyst : Mer
Supervisor : UM

Dilution Factor : 2.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	CHLOROMETHANE	20.	ND	U
75-01-4	VINYL CHLORIDE	20.	ND	U
74-83-9	BROMOMETHANE	20.	ND	U
75-00-3	CHLOROETHANE	20.	ND	U
75-69-4	TRICHLOROFLUOROMETHANE	10.	ND	U
75-35-4	1,1-DICHLOROETHENE	10.	ND	U
76-13-1	TRICHLOROTRIFLUOROETHANE	10.	ND	U
67-64-1	ACETONE	40.	79.	B
75-15-0	CARBON DISULFIDE	10.	ND	U
75-09-2	METHYLENE CHLORIDE	10.	ND	U
156-60-5	TRANS-1,2-DICHLOROETHENE	10.	ND	U
75-34-3	1,1-DICHLOROETHANE	10.	ND	U
78-93-3	2-BUTANONE	40.	8.	J
156-59-2	CIS-1,2-DICHLOROETHENE	10.	10.	
67-66-3	CHLOROFORM	10.	ND	U
71-55-6	1,1,1-TRICHLOROETHANE	10.	ND	U
56-23-5	CARBON TETRACHLORIDE	10.	ND	U
71-43-2	BENZENE	10.	39.	
107-06-2	1,2-DICHLOROETHANE	10.	ND	U
79-01-6	TRICHLOROETHENE	10.	ND	U
78-87-5	1,2-DICHLOROPROPANE	10.	ND	U
75-27-4	BROMODICHLOROMETHANE	10.	ND	U
110-75-8	2-CHLOROETHYLVINYL ETHER	10.	ND	U
108-05-4	VINYL ACETATE	20.	ND	U
10061-01-5	CIS-1,3-DICHLOROPROPENE	10.	ND	U
108-10-1	4-METHYL-2-PENTANONE	20.	ND	U
108-88-3	TOLUENE	10.	7.	J
10061-02-6	TRANS-1,3-DICHLOROPROPENE	10.	ND	U
79-00-5	1,1,2,-TRICHLOROETHANE	10.	ND	U
127-18-4	TETRACHLOROETHENE	10.	ND	U
591-78-6	2-HEXANONE	20.	ND	U
124-48-1	DIBROMOCHLOROMETHANE	10.	ND	U
108-90-7	CHLOROBENZENE	10.	5.	J
100-41-4	ETHYLBENZENE	10.	58.	
1330-20-7	XYLENE (TOTAL)	10.	350.	
100-42-5	STYRENE	10.	ND	U
75-25-2	BROMOFORM	10.	ND	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	10.	ND	U
541-73-1	1,3-DICHLOROBENZENE	10.	ND	U
106-46-7	1,4-DICHLOROBENZENE	10.	ND	U
95-50-1	1,2-DICHLOROBENZENE	10.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-4-D
Matrix : WATER
Date Sampled : 6/21/91
Date Analyzed : 7/ 2/91
Instrument ID : F3

Anametrix ID : 9106274-03
Analyst : met
Supervisor : [illegible]

Dilution Factor : 2.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	CHLOROMETHANE	20.	ND	U
75-01-4	VINYL CHLORIDE	20.	ND	U
74-83-9	BROMOMETHANE	20.	ND	U
75-00-3	CHLOROETHANE	20.	ND	U
75-69-4	TRICHLOROFLUOROMETHANE	10.	ND	U
75-35-4	1,1-DICHLOROETHENE	10.	ND	U
76-13-1	TRICHLOROTRIFLUOROETHANE	10.	ND	U
67-64-1	ACETONE	40.	ND	U
75-15-0	CARBON DISULFIDE	10.	ND	U
75-09-2	METHYLENE CHLORIDE	10.	ND	U
156-60-5	TRANS-1,2-DICHLOROETHENE	10.	ND	U
75-34-3	1,1-DICHLOROETHANE	10.	ND	U
78-93-3	2-BUTANONE	40.	ND	U
156-59-2	CIS-1,2-DICHLOROETHENE	10.	20.	
67-66-3	CHLOROFORM	10.	ND	U
71-55-6	1,1,1-TRICHLOROETHANE	10.	ND	U
56-23-5	CARBON TETRACHLORIDE	10.	ND	U
71-43-2	BENZENE	10.	40.	
107-06-2	1,2-DICHLOROETHANE	10.	ND	U
79-01-6	TRICHLOROETHENE	10.	ND	U
78-87-5	1,2-DICHLOROPROPANE	10.	ND	U
75-27-4	BROMODICHLOROMETHANE	10.	ND	U
110-75-8	2-CHLOROETHYLVINYL ETHER	10.	ND	U
108-05-4	VINYL ACETATE	20.	ND	U
10061-01-5	CIS-1,3-DICHLOROPROPENE	10.	ND	U
108-10-1	4-METHYL-2-PENTANONE	20.	ND	U
108-88-3	TOLUENE	10.	8.	J
10061-02-6	TRANS-1,3-DICHLOROPROPENE	10.	ND	U
79-00-5	1,1,2,-TRICHLOROETHANE	10.	ND	U
127-18-4	TETRACHLOROETHENE	10.	ND	U
591-78-6	2-HEXANONE	20.	ND	U
124-48-1	DIBROMOCHLOROMETHANE	10.	ND	U
108-90-7	CHLOROBENZENE	10.	6.	J
100-41-4	ETHYLBENZENE	10.	140.	
1330-20-7	XYLENE (TOTAL)	10.	380.	
100-42-5	STYRENE	10.	ND	U
75-25-2	BROMOFORM	10.	ND	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	10.	ND	U
541-73-1	1,3-DICHLOROBENZENE	10.	ND	U
106-46-7	1,4-DICHLOROBENZENE	10.	ND	U
95-50-1	1,2-DICHLOROBENZENE	10.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-B2
Matrix : WATER
Date Sampled : 6/21/91
Date Analyzed : 7/ 2/91
Instrument ID : F3

Anametrix ID : 9106274-04
Analyst : MCT
Supervisor : CM

Dilution Factor : 1.00
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
78-93-3	2-BUTANONE	20.	ND	U
156-59-2	CIS-1,2-DICHLOROETHENE	5.	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
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
110-75-8	2-CHLOROETHYLVINYL ETHER	5.	ND	U
108-05-4	VINYL ACETATE	10.	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 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-9
Matrix : WATER
Date Sampled : 6/21/91
Date Analyzed : 7/ 2/91
Instrument ID : F3

Anametrix ID : 9106274-05
Analyst : MG
Supervisor : MH

Dilution Factor : 1.00
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
78-93-3	2-BUTANONE	20.	ND	U
156-59-2	CIS-1,2-DICHLOROETHENE	5.	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
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
110-75-8	2-CHLOROETHYLVINYL ETHER	5.	ND	U
108-05-4	VINYL ACETATE	10.	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.	6.	
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 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-10
Matrix : WATER
Date Sampled : 6/21/91
Date Analyzed : 7/ 2/91
Instrument ID : F3

Anametrix ID : 9106274-06
Analyst : MCT
Supervisor : CM

Dilution Factor : 1.00
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
78-93-3	2-BUTANONE	20.	ND	U
156-59-2	CIS-1,2-DICHLOROETHENE	5.	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
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
110-75-8	2-CHLOROETHYLVINYL ETHER	5.	ND	U
108-05-4	VINYL ACETATE	10.	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 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-3
Matrix : WATER
Date Sampled : 6/21/91
Date Analyzed : 7/ 2/91
Instrument ID : F3

Anametrix ID : 9106274-0
Analyst : MT
Supervisor : DM

Dilution Factor : 200.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	CHLOROMETHANE	2000.	ND	U
75-01-4	VINYL CHLORIDE	2000.	ND	U
74-83-9	BROMOMETHANE	2000.	ND	U
75-00-3	CHLOROETHANE	2000.	ND	U
75-69-4	TRICHLOROFLUOROMETHANE	1000.	ND	U
75-35-4	1,1-DICHLOROETHENE	1000.	ND	U
76-13-1	TRICHLOROTRIFLUOROETHANE	1000.	ND	U
67-64-1	ACETONE	4000.	9900.	B
75-15-0	CARBON DISULFIDE	1000.	ND	U
75-09-2	METHYLENE CHLORIDE	1000.	ND	U
156-60-5	TRANS-1,2-DICHLOROETHENE	1000.	ND	U
75-34-3	1,1-DICHLOROETHANE	1000.	ND	U
78-93-3	2-BUTANONE	4000.	8200.	
156-59-2	CIS-1,2-DICHLOROETHENE	1000.	ND	U
67-66-3	CHLOROFORM	1000.	ND	U
71-55-6	1,1,1-TRICHLOROETHANE	1000.	ND	U
56-23-5	CARBON TETRACHLORIDE	1000.	ND	U
71-43-2	BENZENE	1000.	ND	U
107-06-2	1,2-DICHLOROETHANE	1000.	ND	U
79-01-6	TRICHLOROETHENE	1000.	ND	U
78-87-5	1,2-DICHLOROPROPANE	1000.	ND	U
75-27-4	BROMODICHLOROMETHANE	1000.	ND	U
110-75-8	2-CHLOROETHYLVINYL ETHER	1000.	ND	U
108-05-4	VINYL ACETATE	1000.	ND	U
10061-01-5	CIS-1,3-DICHLOROPROPENE	2000.	ND	U
108-10-1	4-METHYL-2-PENTANONE	1000.	ND	U
108-88-3	TOLUENE	2000.	ND	U
10061-02-6	TRANS-1,3-DICHLOROPROPENE	1000.	62000.	E
79-00-5	1,1,2,-TRICHLOROETHANE	1000.	ND	U
127-18-4	TETRACHLOROETHENE	1000.	ND	U
591-78-6	2-HEXANONE	1000.	ND	U
124-48-1	DIBROMOCHLOROMETHANE	2000.	ND	U
108-90-7	CHLOROBENZENE	1000.	ND	U
100-41-4	ETHYLBENZENE	1000.	ND	U
1330-20-7	XYLENE (TOTAL)	1000.	7500.	
100-42-5	STYRENE	1000.	44000.	E
75-25-2	BROMOFORM	1000.	ND	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	1000.	ND	U
541-73-1	1,3-DICHLOROBENZENE	1000.	ND	U
106-46-7	1,4-DICHLOROBENZENE	1000.	ND	U
95-50-1	1,2-DICHLOROBENZENE	1000.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-1
Matrix : WATER
Date Sampled : 6/21/91
Date Analyzed : 7/ 3/91
Instrument ID : MSD1

Anametrix ID : 9106274-08
Analyst : mct
Supervisor : [illegible]

Dilution Factor : 1.00
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
110-75-8	2-Chloroethylvinyl ether	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.	2.	J
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.	19.	
1330-20-7	Xylene (Total)	5.	10.	
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 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Sample ID : LF-4-TB
Matrix : WATER
Date Sampled : 6/21/91
Date Extracted : 6/28/91
Amount Extracted : 800.0 mL
Date Analyzed : 6/29/91
Instrument ID : F2

Anametrix ID : 9106274-01
Analyst : MG
Supervisor : UM

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	12.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	12.	ND	U
95-57-8	2-CHLOROPHENOL	12.	ND	U
541-73-1	1,3-DICHLOROBENZENE	12.	ND	U
106-46-7	1,4-DICHLOROBENZENE	12.	ND	U
100-51-6	BENZYL ALCOHOL	12.	ND	U
95-50-1	1,2-DICHLOROBENZENE	12.	ND	U
95-48-7	2-METHYLPHENOL	12.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	12.	ND	U
106-44-5	4-METHYLPHENOL	12.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	12.	ND	U
67-72-1	HEXACHLOROETHANE	12.	ND	U
98-95-3	NITROBENZENE	12.	ND	U
78-59-1	ISOPHORONE	12.	ND	U
88-75-5	2-NITROPHENOL	12.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	12.	ND	U
65-85-0	BENZOIC ACID	62.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	12.	ND	U
120-83-2	2,4-DICHLOROPHENOL	12.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	12.	ND	U
91-20-3	NAPHTHALENE	12.	ND	U
106-47-8	4-CHLOROANILINE	12.	ND	U
87-68-3	HEXACHLOROBUTADIENE	12.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	12.	ND	U
91-57-6	2-METHYLNAPHTHALENE	12.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	12.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	12.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	62.	ND	U
91-58-7	2-CHLORONAPHTHALENE	12.	ND	U
88-74-4	2-NITROANILINE	62.	ND	U
131-11-3	DIMETHYLPHTHALATE	12.	ND	U
208-96-8	ACENAPHTHYLENE	12.	ND	U
606-20-2	2,6-DINITROTOLUENE	12.	ND	U

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

Project ID : 1563.06
Sample ID : LF-4-TB
Matrix : WATER
Date Sampled : 6/21/91
Date Extracted : 6/28/91
Amount Extracted : 800.0 mL
Date Analyzed : 6/29/91
Instrument ID : F2

Anametrix ID : 9106274-01
Analyst : MT
Supervisor : UM

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
99-09-2	3-NITROANILINE	62.	ND	U
83-32-9	ACENAPHTHENE	12.	ND	U
51-28-5	2,4-DINITROPHENOL	62.	ND	U
100-02-7	4-NITROPHENOL	62.	ND	U
132-64-9	DIBENZOFURAN	12.	ND	U
121-14-2	2,4-DINITROTOLUENE	12.	ND	U
84-66-2	DIETHYLPHTHALATE	12.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	12.	ND	U
86-73-7	FLUORENE	12.	ND	U
100-01-6	4-NITROANILINE	62.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	62.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	12.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	12.	ND	U
118-74-1	HEXACHLOROBENZENE	12.	ND	U
87-86-5	PENTACHLOROPHENOL	62.	ND	U
85-01-8	PHENANTHRENE	12.	ND	U
120-12-7	ANTHRACENE	12.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	12.	ND	U
206-44-0	FLUORANTHENE	12.	ND	U
129-00-0	PYRENE	12.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	12.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	25.	ND	U
56-55-3	BENZO(A)ANTHRACENE	12.	ND	U
218-01-9	CHRYSENE	12.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	12.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	12.	ND	U
205-99-2	BENZO(B)FLUORANTHENE	12.	ND	U
207-08-9	BENZO(K)FLUORANTHENE	12.	ND	U
50-32-8	BENZO(A)PYRENE	12.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	12.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	12.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	12.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	13.	ND	U
4165-61-1	ANILINE	13.	ND	U
103-33-3	AZOBENZENE	13.	ND	U
92-87-5	BENZIDINE	63.	ND	U

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

Project ID : 1563.06
Sample ID : LF-4
Matrix : WATER
Date Sampled : 6/21/91
Date Extracted : 6/28/91
Amount Extracted : 950.0 mL
Date Analyzed : 6/30/91
Instrument ID : F2

Anametrix ID : 9106274-02
Analyst : MCT
Supervisor : JM

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	11.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	11.	ND	U
95-57-8	2-CHLOROPHENOL	11.	ND	U
541-73-1	1,3-DICHLOROBENZENE	11.	ND	U
106-46-7	1,4-DICHLOROBENZENE	11.	ND	U
100-51-6	BENZYL ALCOHOL	11.	ND	U
95-50-1	1,2-DICHLOROBENZENE	11.	ND	U
95-48-7	2-METHYLPHENOL	11.	6.	J
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	11.	ND	U
106-44-5	4-METHYLPHENOL	11.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	11.	ND	U
67-72-1	HEXACHLOROETHANE	11.	ND	U
98-95-3	NITROBENZENE	11.	ND	U
78-59-1	ISOPHORONE	11.	ND	U
88-75-5	2-NITROPHENOL	11.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	11.	ND	U
65-85-0	BENZOIC ACID	53.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	11.	ND	U
120-83-2	2,4-DICHLOROPHENOL	11.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	11.	ND	U
91-20-3	NAPHTHALENE	11.	5.	J
106-47-8	4-CHLOROANILINE	11.	ND	U
87-68-3	HEXACHLOROBUTADIENE	11.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	11.	ND	U
91-57-6	2-METHYLNAPHTHALENE	11.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	11.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	11.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	53.	ND	U
91-58-7	2-CHLORONAPHTHALENE	11.	ND	U
88-74-4	2-NITROANILINE	53.	ND	U
131-11-3	DIMETHYLPHTHALATE	11.	ND	U
208-96-8	ACENAPHTHYLENE	11.	ND	U
606-20-2	2,6-DINITROTOLUENE	11.	ND	U

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

Project ID : 1563.06
Sample ID : LF-4
Matrix : WATER
Date Sampled : 6/21/91
Date Extracted : 6/28/91
Amount Extracted : 950.0 mL
Date Analyzed : 6/30/91
Instrument ID : F2

Anametrix ID : 9106274-02
Analyst : MCJ
Supervisor : UM

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
99-09-2	3-NITROANILINE	53.	ND	U
83-32-9	ACENAPHTHENE	11.	ND	U
51-28-5	2,4-DINITROPHENOL	53.	ND	U
100-02-7	4-NITROPHENOL	53.	ND	U
132-64-9	DIBENZOFURAN	11.	ND	U
121-14-2	2,4-DINITROTOLUENE	11.	ND	U
84-66-2	DIETHYLPHTHALATE	11.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	11.	ND	U
86-73-7	FLUORENE	11.	ND	U
100-01-6	4-NITROANILINE	53.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	53.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	11.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	11.	ND	U
118-74-1	HEXACHLOROBENZENE	11.	ND	U
87-86-5	PENTACHLOROPHENOL	53.	ND	U
85-01-8	PHENANTHRENE	11.	ND	U
120-12-7	ANTHRACENE	11.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	11.	ND	U
206-44-0	FLUORANTHENE	11.	ND	U
129-00-0	PYRENE	11.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	11.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	21.	ND	U
56-55-3	BENZO(A)ANTHRACENE	11.	ND	U
218-01-9	CHRYSENE	11.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	11.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	11.	ND	U
205-99-2	BENZO(B)FLUOROANTHENE	11.	ND	U
207-08-9	BENZO(K)FLUOROANTHENE	11.	ND	U
50-32-8	BENZO(A)PYRENE	11.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	11.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	11.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	11.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	11.	ND	U
4165-61-1	ANILINE	11.	ND	U
103-33-3	AZOBENZENE	11.	ND	U
92-87-5	BENZIDINE	53.	ND	U

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

Project ID : 1563.06
Sample ID : LF-4-D
Matrix : WATER
Date Sampled : 6/21/91
Date Extracted : 6/28/91
Amount Extracted : 900.0 mL
Date Analyzed : 6/30/91
Instrument ID : F2

Anametrix ID : 9106274-03
Analyst : MCT
Supervisor : [illegible]

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	11.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	11.	ND	U
95-57-8	2-CHLOROPHENOL	11.	ND	U
541-73-1	1,3-DICHLOROBENZENE	11.	ND	U
106-46-7	1,4-DICHLOROBENZENE	11.	ND	U
100-51-6	BENZYL ALCOHOL	11.	ND	U
95-50-1	1,2-DICHLOROBENZENE	11.	ND	U
95-48-7	2-METHYLPHENOL	11.	5.	J
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	11.	ND	U
106-44-5	4-METHYLPHENOL	11.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	11.	ND	U
67-72-1	HEXACHLOROETHANE	11.	ND	U
98-95-3	NITROBENZENE	11.	ND	U
78-59-1	ISOPHORONE	11.	ND	U
88-75-5	2-NITROPHENOL	11.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	11.	ND	U
65-85-0	BENZOIC ACID	56.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	11.	ND	U
120-83-2	2,4-DICHLOROPHENOL	11.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	11.	ND	U
91-20-3	NAPHTHALENE	11.	5.	J
106-47-8	4-CHLOROANILINE	11.	ND	U
87-68-3	HEXACHLOROBUTADIENE	11.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	11.	ND	U
91-57-6	2-METHYLNAPHTHALENE	11.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	11.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	11.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	56.	ND	U
91-58-7	2-CHLORONAPHTHALENE	11.	ND	U
88-74-4	2-NITROANILINE	56.	ND	U
131-11-3	DIMETHYLPHTHALATE	11.	ND	U
208-96-8	ACENAPHTHYLENE	11.	ND	U
606-20-2	2,6-DINITROTOLUENE	11.	ND	U

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

Project ID : 1563.06
Sample ID : LF-4-D
Matrix : WATER
Date Sampled : 6/21/91
Date Extracted : 6/28/91
Amount Extracted : 900.0 mL
Date Analyzed : 6/30/91
Instrument ID : F2

Anametrix ID : 9106274-03
Analyst : MCT
Supervisor : LH

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
99-09-2	3-NITROANILINE	56.	ND	U
83-32-9	ACENAPHTHENE	11.	ND	U
51-28-5	2,4-DINITROPHENOL	56.	ND	U
100-02-7	4-NITROPHENOL	56.	ND	U
132-64-9	DIBENZOFURAN	11.	ND	U
121-14-2	2,4-DINITROTOLUENE	11.	ND	U
84-66-2	DIETHYLPHTHALATE	11.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	11.	ND	U
86-73-7	FLUORENE	11.	ND	U
100-01-6	4-NITROANILINE	56.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	56.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	11.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	11.	ND	U
118-74-1	HEXACHLOROBENZENE	11.	ND	U
87-86-5	PENTACHLOROPHENOL	56.	ND	U
85-01-8	PHENANTHRENE	11.	ND	U
120-12-7	ANTHRACENE	11.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	11.	ND	U
206-44-0	FLUORANTHENE	11.	ND	U
129-00-0	PYRENE	11.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	11.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	22.	ND	U
56-55-3	BENZO(A)ANTHRACENE	11.	ND	U
218-01-9	CHRYSENE	11.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	11.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	11.	ND	U
205-99-2	BENZO(B)FLUORANTHENE	11.	ND	U
207-08-9	BENZO(K)FLUORANTHENE	11.	ND	U
50-32-8	BENZO(A)PYRENE	11.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	11.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	11.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	11.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	11.	ND	U
4165-61-1	ANILINE	11.	ND	U
103-33-3	AZOBENZENE	11.	ND	U
92-87-5	BENZIDINE	56.	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 : 6/21/91
Date Extracted : 6/28/91
Amount Extracted : 900.0 mL
Date Analyzed : 6/30/91
Instrument ID : F2

Anametrix ID : 9106274-04
Analyst : MCT
Supervisor : LM

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	11.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	11.	ND	U
95-57-8	2-CHLOROPHENOL	11.	ND	U
541-73-1	1,3-DICHLOROBENZENE	11.	ND	U
106-46-7	1,4-DICHLOROBENZENE	11.	ND	U
100-51-6	BENZYL ALCOHOL	11.	ND	U
95-50-1	1,2-DICHLOROBENZENE	11.	ND	U
95-48-7	2-METHYLPHENOL	11.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	11.	ND	U
106-44-5	4-METHYLPHENOL	11.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	11.	ND	U
67-72-1	HEXACHLOROETHANE	11.	ND	U
98-95-3	NITROBENZENE	11.	ND	U
78-59-1	ISOPHORONE	11.	ND	U
88-75-5	2-NITROPHENOL	11.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	11.	ND	U
65-85-0	BENZOIC ACID	56.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	11.	ND	U
120-83-2	2,4-DICHLOROPHENOL	11.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	11.	ND	U
91-20-3	NAPHTHALENE	11.	ND	U
106-47-8	4-CHLOROANILINE	11.	ND	U
87-68-3	HEXACHLOROBUTADIENE	11.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	11.	ND	U
91-57-6	2-METHYLNAPHTHALENE	11.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	11.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	11.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	56.	ND	U
91-58-7	2-CHLORONAPHTHALENE	11.	ND	U
88-74-4	2-NITROANILINE	56.	ND	U
131-11-3	DIMETHYLPHTHALATE	11.	ND	U
208-96-8	ACENAPHTHYLENE	11.	ND	U
606-20-2	2,6-DINITROTOLUENE	11.	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 : 6/21/91
Date Extracted : 6/28/91
Amount Extracted : 900.0 mL
Date Analyzed : 6/30/91
Instrument ID : F2

Anametrix ID : 9106274-04
Analyst : MCT
Supervisor : UM

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
99-09-2	3-NITROANILINE	56.	ND	U
83-32-9	ACENAPHTHENE	11.	ND	U
51-28-5	2,4-DINITROPHENOL	56.	ND	U
100-02-7	4-NITROPHENOL	56.	ND	U
132-64-9	DIBENZOFURAN	11.	ND	U
121-14-2	2,4-DINITROTOLUENE	11.	ND	U
84-66-2	DIETHYLPHTHALATE	11.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	11.	ND	U
86-73-7	FLUORENE	11.	ND	U
100-01-6	4-NITROANILINE	56.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	56.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	11.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	11.	ND	U
118-74-1	HEXACHLOROBENZENE	11.	ND	U
87-86-5	PENTACHLOROPHENOL	56.	ND	U
85-01-8	PHENANTHRENE	11.	ND	U
120-12-7	ANTHRACENE	11.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	11.	ND	U
206-44-0	FLUORANTHENE	11.	ND	U
129-00-0	PYRENE	11.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	11.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	22.	ND	U
56-55-3	BENZO(A)ANTHRACENE	11.	ND	U
218-01-9	CHRYSENE	11.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	11.	18.	
117-84-0	DI-N-OCTYLPHTHALATE	11.	ND	U
205-99-2	BENZO(B)FLUORANTHENE	11.	ND	U
207-08-9	BENZO(K)FLUORANTHENE	11.	ND	U
50-32-8	BENZO(A)PYRENE	11.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	11.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	11.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	11.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	11.	ND	U
4165-61-1	ANILINE	11.	ND	U
103-33-3	AZOBENZENE	11.	ND	U
92-87-5	BENZIDINE	56.	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 : 6/21/91
Date Extracted : 6/28/91
Amount Extracted : 1000.0 mL
Date Analyzed : 6/30/91
Instrument ID : F2

Anametrix ID : 9106274-05
Analyst : MCT
Supervisor : [illegible]

Dilution Factor : 1.00
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
606-20-2	2,6-DINITROTOLUENE	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 : 6/21/91
Date Extracted : 6/28/91
Amount Extracted : 1000.0 mL
Date Analyzed : 6/30/91
Instrument ID : F2

Anametrix ID : 9106274-05
Analyst : MC
Supervisor : LM

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
99-09-2	3-NITROANILINE	50.	ND	U
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
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	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 : 6/21/91
Date Extracted : 6/28/91
Amount Extracted : 1000.0 mL
Date Analyzed : 6/30/91
Instrument ID : F2

Anametrix ID : 9106274-06
Analyst : MG
Supervisor : MJ

Dilution Factor : 1.00
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
606-20-2	2,6-DINITROTOLUENE	10.	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 : 6/21/91
Date Extracted : 6/28/91
Amount Extracted : 1000.0 mL
Date Analyzed : 6/30/91
Instrument ID : F2

Anametrix ID : 9106274-06
Analyst : MCC
Supervisor : CM

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
99-09-2	3-NITROANILINE	50.	ND	U
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
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	50.	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 : 6/21/91
Date Extracted : 6/28/91
Amount Extracted : 900.0 mL
Date Analyzed : 7/ 3/91
Instrument ID : F2

Anametrix ID : 9106274-07
Analyst : MCK
Supervisor : LM

Dilution Factor : 10.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	110.	39.	J
111-44-4	BIS(2-CHLOROETHYL)ETHER	110.	ND	U
95-57-8	2-CHLOROPHENOL	110.	ND	U
541-73-1	1,3-DICHLOROBENZENE	110.	ND	U
106-46-7	1,4-DICHLOROBENZENE	110.	ND	U
100-51-6	BENZYL ALCOHOL	110.	ND	U
95-50-1	1,2-DICHLOROBENZENE	110.	ND	U
95-48-7	2-METHYLPHENOL	110.	210.	
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	110.	ND	U
106-44-5	4-METHYLPHENOL	110.	630.	
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	110.	ND	U
67-72-1	HEXACHLOROETHANE	110.	ND	U
98-95-3	NITROBENZENE	110.	ND	U
78-59-1	ISOPHORONE	110.	ND	U
88-75-5	2-NITROPHENOL	110.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	110.	50.	J
65-85-0	BENZOIC ACID	560.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	110.	ND	U
120-83-2	2,4-DICHLOROPHENOL	110.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	110.	ND	U
91-20-3	NAPHTHALENE	110.	110.	
106-47-8	4-CHLOROANILINE	110.	ND	U
87-68-3	HEXACHLOROBUTADIENE	110.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	110.	ND	U
91-57-6	2-METHYLNAPHTHALENE	110.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	110.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	110.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	560.	ND	U
91-58-7	2-CHLORONAPHTHALENE	110.	ND	U
88-74-4	2-NITROANILINE	560.	ND	U
131-11-3	DIMETHYLPHTHALATE	110.	ND	U
208-96-8	ACENAPHTHYLENE	110.	ND	U
606-20-2	2,6-DINITROTOLUENE	110.	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 : 6/21/91
Date Extracted : 6/28/91
Amount Extracted : 900.0 mL
Date Analyzed : 7/ 3/91
Instrument ID : F2

Anametrix ID : 9106274-07
Analyst : mcr
Supervisor : MH

Dilution Factor : 10.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
99-09-2	3-NITROANILINE	560.	ND	U
83-32-9	ACENAPHTHENE	110.	ND	U
51-28-5	2,4-DINITROPHENOL	560.	ND	U
100-02-7	4-NITROPHENOL	560.	ND	U
132-64-9	DIBENZOFURAN	110.	ND	U
121-14-2	2,4-DINITROTOLUENE	110.	ND	U
84-66-2	DIETHYLPHTHALATE	110.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	110.	ND	U
86-73-7	FLUORENE	110.	ND	U
100-01-6	4-NITROANILINE	560.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	560.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	110.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	110.	ND	U
118-74-1	HEXACHLOROBENZENE	110.	ND	U
87-86-5	PENTACHLOROPHENOL	560.	ND	U
85-01-8	PHENANTHRENE	110.	ND	U
120-12-7	ANTHRACENE	110.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	110.	ND	U
206-44-0	FLUORANTHENE	110.	ND	U
129-00-0	PYRENE	110.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	110.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	220.	ND	U
56-55-3	BENZO(A)ANTHRACENE	110.	ND	U
218-01-9	CHRYSENE	110.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	110.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	110.	ND	U
205-99-2	BENZO(B)FLUORANTHENE	110.	ND	U
207-08-9	BENZO(K)FLUORANTHENE	110.	ND	U
50-32-8	BENZO(A)PYRENE	110.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	110.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	110.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	110.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	110.	ND	U
4165-61-1	ANILINE	110.	ND	U
103-33-3	AZOBENZENE	110.	ND	U
92-87-5	BENZIDINE	560.	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 : 6/21/91
Date Extracted : 6/28/91
Amount Extracted : 920.0 mL
Date Analyzed : 6/30/91
Instrument ID : F2

Anametrix ID : 9106274-08
Analyst : MCT
Supervisor : UM

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	11.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	11.	ND	U
95-57-8	2-CHLOROPHENOL	11.	ND	U
541-73-1	1,3-DICHLOROBENZENE	11.	ND	U
106-46-7	1,4-DICHLOROBENZENE	11.	ND	U
100-51-6	BENZYL ALCOHOL	11.	ND	U
95-50-1	1,2-DICHLOROBENZENE	11.	ND	U
95-48-7	2-METHYLPHENOL	11.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	11.	ND	U
106-44-5	4-METHYLPHENOL	11.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	11.	ND	U
67-72-1	HEXACHLOROETHANE	11.	ND	U
98-95-3	NITROBENZENE	11.	ND	U
78-59-1	ISOPHORONE	11.	ND	U
88-75-5	2-NITROPHENOL	11.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	11.	ND	U
65-85-0	BENZOIC ACID	54.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	11.	ND	U
120-83-2	2,4-DICHLOROPHENOL	11.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	11.	ND	U
91-20-3	NAPHTHALENE	11.	ND	U
106-47-8	4-CHLOROANILINE	11.	ND	U
87-68-3	HEXACHLOROBUTADIENE	11.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	11.	ND	U
91-57-6	2-METHYLNAPHTHALENE	11.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	11.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	11.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	54.	ND	U
91-58-7	2-CHLORONAPHTHALENE	11.	ND	U
88-74-4	2-NITROANILINE	54.	ND	U
131-11-3	DIMETHYLPHTHALATE	11.	ND	U
208-96-8	ACENAPHTHYLENE	11.	ND	U
606-20-2	2,6-DINITROTOLUENE	11.	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 : 6/21/91
Date Extracted : 6/28/91
Amount Extracted : 920.0 mL
Date Analyzed : 6/30/91
Instrument ID : F2

Anametrix ID : 9106274-08
Analyst : MCT
Supervisor : MH

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
99-09-2	3-NITROANILINE	54.	ND	U
83-32-9	ACENAPHTHENE	11.	ND	U
51-28-5	2,4-DINITROPHENOL	54.	ND	U
100-02-7	4-NITROPHENOL	54.	ND	U
132-64-9	DIBENZOFURAN	11.	ND	U
121-14-2	2,4-DINITROTOLUENE	11.	ND	U
84-66-2	DIETHYLPHTHALATE	11.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	11.	ND	U
86-73-7	FLUORENE	11.	ND	U
100-01-6	4-NITROANILINE	54.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	54.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	11.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	11.	ND	U
118-74-1	HEXACHLOROBENZENE	11.	ND	U
87-86-5	PENTACHLOROPHENOL	54.	ND	U
85-01-8	PHENANTHRENE	11.	ND	U
120-12-7	ANTHRACENE	11.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	11.	ND	U
206-44-0	FLUORANTHENE	11.	ND	U
129-00-0	PYRENE	11.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	11.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	22.	ND	U
56-55-3	BENZO(A)ANTHRACENE	11.	ND	U
218-01-9	CHRYSENE	11.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	11.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	11.	ND	U
205-99-2	BENZO(B)FLUORANTHENE	11.	ND	U
207-08-9	BENZO(K)FLUORANTHENE	11.	ND	U
50-32-8	BENZO(A)PYRENE	11.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	11.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	11.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	11.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	11.	ND	U
4165-61-1	ANILINE	11.	ND	U
103-33-3	AZOBENZENE	11.	ND	U
92-87-5	BENZIDINE	54.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID :
Sample ID : BLANK
Matrix : WATER
Date Sampled : 0/ 0/ 0
Date Analyzed : 7/ 1/91
Instrument ID : F3

Anametrix ID : 3CB0701V03
Analyst : MCJ
Supervisor : WH

Dilution Factor : 1.00
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.	30.	
75-15-0	CARBON DISULFIDE	5.	ND	U
75-09-2	METHYLENE CHLORIDE	5.	4.	J
156-60-5	TRANS-1,2-DICHLOROETHENE	5.	ND	U
75-34-3	1,1-DICHLOROETHANE	5.	ND	U
78-93-3	2-BUTANONE	20.	ND	U
156-59-2	CIS-1,2-DICHLOROETHENE	5.	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
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
110-75-8	2-CHLOROETHYLVINYL ETHER	5.	ND	U
108-05-4	VINYL ACETATE	10.	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 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID :
Sample ID : BLANK
Matrix : WATER
Date Sampled : 0/ 0/ 0
Date Analyzed : 7/ 2/91
Instrument ID : F3

Anametrix ID : 3CB0702V00
Analyst :
Supervisor :

Dilution Factor : 1.00
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.	7.	J
75-15-0	CARBON DISULFIDE	5.	ND	U
75-09-2	METHYLENE CHLORIDE	5.	4.	J
156-60-5	TRANS-1,2-DICHLOROETHENE	5.	ND	U
75-34-3	1,1-DICHLOROETHANE	5.	ND	U
78-93-3	2-BUTANONE	20.	ND	U
156-59-2	CIS-1,2-DICHLOROETHENE	5.	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
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
110-75-8	2-CHLOROETHYLVINYL ETHER	5.	ND	U
108-05-4	VINYL ACETATE	10.	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 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID :
Sample ID : BLANK
Matrix : WATER
Date Sampled : 0/ 0/ 0
Date Analyzed : 7/ 3/91
Instrument ID : MSD1

Anametrix ID : 0703B001
Analyst : MG
Supervisor : M

Dilution Factor : 1.00
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
110-75-8	2-Chloroethylvinyl ether	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 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID :
Sample ID : BLANK
Matrix : WATER
Date Sampled : 0/ 0/ 0
Date Extracted : 6/28/91
Amount Extracted : 1000.0 mL
Date Analyzed : 6/29/91
Instrument ID : F2

Anametrix ID : 2CB0628C01
Analyst : MCT
Supervisor : JM

Dilution Factor : 1.00
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
606-20-2	2,6-DINITROTOLUENE	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 : 6/28/91
Amount Extracted : 1000.0 mL
Date Analyzed : 6/29/91
Instrument ID : F2

Anametrix ID : 2CB0628C01
Analyst : MCT
Supervisor : [illegible]

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
99-09-2	3-NITROANILINE	50.	ND	U
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
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	50.	ND	U

SURROGATE RECOVERY SUMMARY -- EPA METHOD 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Matrix : LIQUID

Anametrix ID : 9106274
Analyst : MCT
Supervisor : M

	SAMPLE ID	SU1	SU2	SU3	TOTAL OUT
1	BLANK	98	96	107	0
2	LF-4-TB	100	96	100	0
3	LF-4	103	97	88	0
4	LF-B2	103	95	102	0
5	LF-4-D	101	96	89	0
6	BLANK	93	102	112	0
7	LF-10	90	101	90	0
8	LF-3	91	98	110	0
9	LF-9	94	99	105	0
10					
11					
12					
13					
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 = BROMOFLUOROBENZENE	(82-114)

* Values outside of Anametrix QC limits

SURROGATE RECOVERY SUMMARY -- EPA METHOD 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Matrix : WATER

Anametrix ID : 9106274
Analyst : MCF
Supervisor : UH

	SAMPLE ID	SU1	SU2	SU3	TOTAL OUT
1	BLANK	100	100	101	0
2	LF-1	107	96	101	0
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 = 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 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Matrix : LIQUID

Anametrix ID : 9106274
Analyst : met
Supervisor : LM

	SAMPLE ID	SU1	SU2	SU3	SU4	SU5	SU6	TOTAL OUT
3	BLANK	64	43	78	72	109	94	0
4	LF-4-TB	72	53	75	69	103	91	0
5	LF-4	38	40	41	76	78	92	0
6	LF-4-D	21	22	28	68	68	87	0
7	LF-B2	11	9 *	70	69	34	89	1
8	LF-9	38	38	37	53	69	66	0
9	LF-1	37	27	81	71	84	91	0
10	LF-1 MS	69	45	82	73	123	98	0
11	LF-1 MSD	64	42	77	63	118	88	0
12	LF-10	8 *	18	71	74	24	90	1
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								

	QC LIMITS
SU1 = 2-FLUOROPHENOL	(10- 82)
SU2 = PHENOL-D5	(10- 72)
SU3 = NITROBENZENE-D5	(10-100)
SU4 = 2-FLUOROBIPHENYL	(10- 92)
SU5 = 2,4,6-TRIBROMOPHENOL	(15-139)
SU6 = TERPHENYL-D14	(10-110)

* 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 # : 9106274
Date Received : 06/24/91
Project ID : 1563.06
Purchase Order: 1563.06
Department : GC
Sub-Department: TPH

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9106274- 1	LF-4-TB	WATER	06/21/91	TPHd
9106274- 2	LF-4	WATER	06/21/91	TPHd
9106274- 3	LF-4-D	WATER	06/21/91	TPHd
9106274- 4	LF-B2	WATER	06/21/91	TPHd
9106274- 5	LF-9	WATER	06/21/91	TPHd
9106274- 6	LF-10	WATER	06/21/91	TPHd
9106274- 7	LF-3	WATER	06/21/91	TPHd
9106274- 8	LF-1	WATER	06/21/91	TPHd

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

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

Workorder # : 9106274
Date Received : 06/24/91
Project ID : 1563.06
Purchase Order: 1563.06
Department : GC
Sub-Department: TPH

QA/QC SUMMARY :

- The concentrations reported as diesel for samples LF-4 and LF-4D are due to the presence of a combination of diesel and a lighter petroleum product, possibly gasoline or kerosene.
- The concentrations reported as diesel for samples LF-9, LF-10, and LF-3 are primarily due to the presence of a lighter petroleum product, possibly gasoline or kerosene.

Cheryl Balmer 7/1/91
Department Supervisor Date

Chemist 7.1.91
Date

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

Anametrix W.O.: 9106274
Matrix : WATER
Date Sampled : 06/21/91
Date Extracted: 06/26/91

Project Number : 1563.06
Date Released : 07/01/91
Instrument I.D.: HP23

Anametrix I.D.	Client I.D.	Date Analyzed	Reporting Limit (ug/L)	Amount Found (ug/L)
9106274-01	LF-4-TB	06/28/91	50	ND
9106274-02	LF-4	06/28/91	50	780
9106274-03	LF-4-D	06/28/91	50	510
9106274-04	LF-B2	06/28/91	50	ND
9106274-05	LF-9	06/28/91	50	200
9106274-06	LF-10	06/28/91	50	270
9106274-07	F-3	06/28/91	50	2000
9106274-08	F-1	06/28/91	50	ND
DSBL062691	METHOD BLANK	06/28/91	50	ND

Note : Reporting limit is obtained by multiplying the dilution factor times 50ug/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.

Luna Sher 7/2/91
Analyst Date

Cheryl Baeman 7/2/91
Supervisor Date

TOTAL EXTRACTABLE HYDROCARBON METHOD SPIKE REPORT
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: 06/26/91
Date Analyzed : 06/28/91

Anametrix I.D. : SPK062691
Analyst : CF
Supervisor : B
Date Released : 07/01/91

COMPOUND	SPIKE AMT. (ug/L)	MS (ug/L)	%REC MS	MSD (ug/L)	%REC MSD	RPD	%REC LIMITS
Diesel	1250	860	69%	920	74%	7%	35-109

* 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 # : 9106274
Date Received : 06/24/91
Project ID : 1563.06
Purchase Order: 1563.06
Department : METALS
Sub-Department: METALS

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9106274- 1	LF-4-TB	WATER	06/21/91	6010
9106274- 2	LF-4	WATER	06/21/91	6010
9106274- 3	LF-4-D	WATER	06/21/91	6010
9106274- 4	LF-B2	WATER	06/21/91	6010
9106274- 5	LF-9	WATER	06/21/91	6010
9106274- 6	LF-10	WATER	06/21/91	6010
9106274- 7	LF-3	WATER	06/21/91	6010
9106274- 8	LF-1	WATER	06/21/91	6010
9106274- 1	LF-4-TB	WATER	06/21/91	7060
9106274- 2	LF-4	WATER	06/21/91	7060
9106274- 3	LF-4-D	WATER	06/21/91	7060
9106274- 4	LF-B2	WATER	06/21/91	7060
9106274- 5	LF-9	WATER	06/21/91	7060
9106274- 6	LF-10	WATER	06/21/91	7060
9106274- 7	LF-3	WATER	06/21/91	7060
9106274- 8	LF-1	WATER	06/21/91	7060
9106274- 1	LF-4-TB	WATER	06/21/91	7421
9106274- 2	LF-4	WATER	06/21/91	7421
9106274- 3	LF-4-D	WATER	06/21/91	7421
9106274- 4	LF-B2	WATER	06/21/91	7421
9106274- 5	LF-9	WATER	06/21/91	7421
9106274- 6	LF-10	WATER	06/21/91	7421
9106274- 7	LF-3	WATER	06/21/91	7421

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

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

Workorder # : 9106274
Date Received : 06/24/91
Project ID : 1563.06
Purchase Order: 1563.06
Department : METALS
Sub-Department: METALS

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9106274- 8	LF-1	WATER	06/21/91	7421
9106274- 1	LF-4-TB	WATER	06/21/91	7470
9106274- 2	LF-4	WATER	06/21/91	7470
9106274- 3	LF-4-D	WATER	06/21/91	7470
9106274- 4	LF-B2	WATER	06/21/91	7470
9106274- 5	LF-9	WATER	06/21/91	7470
9106274- 6	LF-10	WATER	06/21/91	7470
9106274- 7	LF-3	WATER	06/21/91	7470
9106274- 8	LF-1	WATER	06/21/91	7470
9106274- 1	LF-4-TB	WATER	06/21/91	7521
9106274- 2	LF-4	WATER	06/21/91	7521
9106274- 3	LF-4-D	WATER	06/21/91	7521
9106274- 4	LF-B2	WATER	06/21/91	7521
9106274- 5	LF-9	WATER	06/21/91	7521
9106274- 6	LF-10	WATER	06/21/91	7521
9106274- 7	LF-3	WATER	06/21/91	7521
9106274- 8	LF-1	WATER	06/21/91	7521
9106274- 1	LF-4-TB	WATER	06/21/91	7740
9106274- 2	LF-4	WATER	06/21/91	7740
9106274- 3	LF-4-D	WATER	06/21/91	7740
9106274- 4	LF-B2	WATER	06/21/91	7740
9106274- 5	LF-9	WATER	06/21/91	7740
9106274- 6	LF-10	WATER	06/21/91	7740

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

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

Workorder # : 9106274
Date Received : 06/24/91
Project ID : 1563.06
Purchase Order: 1563.06
Department : METALS
Sub-Department: METALS

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9106274- 7	LF-3	WATER	06/21/91	7740
9106274- 8	LF-1	WATER	06/21/91	7740
9106274- 1	LF-4-TB	WATER	06/21/91	7761
9106274- 2	LF-4	WATER	06/21/91	7761
9106274- 3	LF-4-D	WATER	06/21/91	7761
9106274- 4	LF-B2	WATER	06/21/91	7761
9106274- 5	LF-9	WATER	06/21/91	7761
9106274- 6	LF-10	WATER	06/21/91	7761
9106274- 7	LF-3	WATER	06/21/91	7761
9106274- 8	LF-1	WATER	06/21/91	7761

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

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

Workorder # : 9106274
Date Received : 06/24/91
Project ID : 1563.06
Purchase Order: 1563.06
Department : METALS
Sub-Department: METALS

QA/QC SUMMARY :

- Samples were reprepared on 07/08/91 and reanalyzed on 07/09/91 for Lead EPA Method 7421.

Department Supervisor 7/10/91 Date

Chemist 7/9/91 Date

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

Anametrix W.O.: 9106274
Matrix : WATER
Date Sampled : 06/20/91
Project Number: 1563.06

Date Prepared : 06/28/91
Date Analyzed : 06/28/91
Date Released : 07/05/91
Instrument I.D.: AA1/ICP1

ELEMENTS	EPA Method#	Reporting Limit (ug/L)	Sample I.D.# LF-4 -TB -01	Sample I.D.# LF-B2 -04	Sample I.D.# METHOD BLANK MB0628W
Silver (Ag)	7761	1.0	ND	ND	ND
Arsenic (As)	7060	10.0	ND	ND	ND
Cadmium (Cd)	6010	5.0	ND	ND	ND
Total Cr	6010	10.0	ND	ND	ND
Copper (Cu)	6010	25.0	ND	ND	ND
Mercury (Hg)	7470	1.0	ND	ND	ND
Nickel (Ni)	7521	5.0	ND	ND	ND
Lead (Pb)	7421	4.0	ND*	4.9*	ND*
Selenium (Se)	7740	5.0	ND	ND	ND
Zinc (Zn)	6010	20.0	ND	74.7	ND

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

All Metals by EPA Method 200 Series, Method for Chemical Analysis of Water and Wastes, 3rd Edition, 1983 , and California Administrative Code Title 22, Section 66699.

* : Samples were reprepared on 07/08/91 and reanalyzed on 07/09/91 for Lead EPA Method 7421.

Supervisor 7/9/91 Date

Chemist 7/9/91 Date

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

Anametrix W.O.: 9106274
Matrix : WATER
Date Sampled : 06/20/91
Project Number: 1563.06

Date Prepared : 06/28/91
Date Analyzed : 06/28/91
Date Released : 07/05/91
Instrument I.D.: AA1/ICP1

ELEMENTS	EPA Method#	Reporting Limit (ug/L)	Sample I.D.# LF-4 -02	Sample I.D.# LF-4-D -03	Sample I.D.# LF-10 -06
Silver (Ag)	7761	1.0	ND	ND	ND
Arsenic (As)	7060	300	510	493	657
Cadmium (Cd)	6010	5.0	ND	ND	ND
Total Cr	6010	10.0	ND	ND	ND
Copper (Cu)	6010	25.0	ND	ND	ND
Mercury (Hg)	7470	1.0	ND	ND	ND
Nickel (Ni)	7521	5.0	ND	ND	5.7
Lead (Pb)	7421	4.0	15.2*	10.6*	13.2*
Selenium (Se)	7740	5.0	ND	ND	ND
Zinc (Zn)	6010	20.0	70.6	109	64.2

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

All Metals by EPA Method 200 Series, Method for Chemical Analysis of Water and Wastes, 3rd Edition, 1983 , and California Administrative Code Title 22, Section 66699.

* : Samples were reprepared on 07/08/91 and reanalyzed on 07/09/91 for Lead EPA Method 7421.

Supervisor 7/9/91 Date

Chemist 7/9/91 Date

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

Anametrix W.O.: 9106274
Matrix : WATER
Date Sampled : 06/20/91
Project Number: 1563.06

Date Prepared : 06/28/91
Date Analyzed : 06/28/91
Date Released : 07/05/91
Instrument I.D.: AA1/ICP1

ELEMENTS	EPA Method#	Reporting Limit (ug/L)	Sample I.D.# LF-9 -05
Silver (Ag)	7761	1.0	ND
Arsenic (As)	7060	20.0	74.8
Cadmium (Cd)	6010	5.0	ND
Total Cr	6010	10.0	ND
Copper (Cu)	6010	25.0	ND
Mercury (Hg)	7470	1.0	ND
Nickel (Ni)	7521	5.0	ND
Lead (Pb)	7421	4.0	12.0*
Selenium (Se)	7740	5.0	ND
Zinc (Zn)	6010	20.0	100

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

All Metals by EPA Method 200 Series, Method for Chemical Analysis of Water and Wastes, 3rd Edition, 1983 , and California Administrative Code Title 22, Section 66699.

* : Samples were reprepared on 07/08/91 and reanalyzed on 07/09/91 for Lead EPA Method 7421.

Supervisor 7/9/91 Date

Chemist 7/9/91 Date

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

Anametrix W.O.: 9106274
Matrix : WATER
Date Sampled : 06/20/91
Project Number: 1563.06

Date Prepared : 06/28/91
Date Analyzed : 06/28/91
Date Released : 07/05/91
Instrument I.D.: AA1/ICP1

ELEMENTS	EPA	Reporting (ug/L)	Sample I.D.# LF-3 -07	Sample I.D.# LF-1 -08
Silver (Ag)	7761	1.0	ND	ND
Arsenic (As)	7060	20000	60400	58000
Cadmium (Cd)	6010	5.0	ND	ND
Total Cr	6010	10.0	ND	ND
Copper (Cu)	6010	25.0	ND	ND
Mercury (Hg)	7470	1.0	ND	ND
Nickel (Ni)	7521	5.0	ND	33.1
Lead (Pb)	7421	4.0	ND*	ND*
Selenium (Se)	7740	5.0	ND	ND
Zinc (Zn)	6010	20.0	28.3	236

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

All Metals by EPA Method 200 Series, Method for Chemical Analysis of Water and Wastes, 3rd Edition, 1983 , and California Administrative Code Title 22, Section 66699.

* : Samples were reprepared on 07/08/91 and reanalyzed on 07/09/91 for Lead EPA Method 7421.

Supervisor 7/11/91 Date

Chemist 7/11/91 Date

10/3 10/31 21:00

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

9106274

Project No.: 1563.06	Field Logbook No.:	Date: 6-21-91	Serial No.: 7749
Project Name: SHERWIN WILLIAMS	Project Location: EMERYVILLE CA.		
Sampler (Signature): [signature]			

SAMPLES						ANALYSES								
SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CONTAINERS	SAMPLE TYPE	EPA 601	EPA 624	EPA 8240	EPA 8270	TPH-D@	METALS@	HOLD	RUSH	Samplers: JCK TLL / REMARKS
1 LF-4-TB	6-21	08:00	1	8	H_2O			X	X	X	X			
2 LF-4	6-21	09:30	2		GROUND WATER			X	X	X	X			@ MOD SOILS TPH as DIESEL
3 LF-4-D		10:30	3					X	X	X	X			@ BASIN PLAN METALS
4 LF-B2		14:00	6					X	X	X	X			
5 LF-9		11:20	5					X	X	X	X			NORMAL TURNAROUND
6 LF-10		10:45	4					X	X	X	X			
7 LF-3		14:30	7					X	X	X	X			RESULTS TO
8 LF-1		15:30	8					X	X	X	X			JOHN DEREAMER
														SAMPLES IN
														B2 COOLER ON ICE UPON
								All samples						RECEIPT; proper containers, heads preserved
								TB has 12mm bubbles;						All other no bubbles

RELINQUISHED BY: (Signature) [signature]	DATE 6-21-91	TIME 15:00	RECEIVED BY: (Signature)	DATE	TIME
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	DATE	TIME
RELINQUISHED BY: (Signature) [signature]	DATE 6-24-91	TIME 7:30 pm	RECEIVED BY: (Signature) [signature]	DATE 6-24-91	TIME 1930
METHOD OF SHIPMENT:	DATE	TIME	LAB COMMENTS:		

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

Analytical Laboratory: ANALYTICAL
SAN JOSE, CA.
ATT ANNA RISING

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 DE REAMER
LEVINE-FRICKE
1900 POWELL STREET 12TH FLOOR
EMERYVILLE, CA 94608

Workorder # : 9108069
Date Received : 08/07/91
Project ID : 1563.06
Purchase Order: N/A

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

ANAMETRIX ID	CLIENT SAMPLE ID
9108069- 1	TRIP BLANK
9108069- 2	LF-9
9108069- 3	LF-10
9108069- 4	LF-11
9108069- 5	LF-5

This report consists of 21 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 Manager

8-22-91
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 DE REAMER
LEVINE-FRICKE
1900 POWELL STREET 12TH FLOOR
EMERYVILLE, CA 94608

Workorder # : 9108069
Date Received : 08/07/91
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
9108069- 1	TRIP BLANK	WATER	08/06/91	8240
9108069- 5	LF-5	WATER	08/06/91	8240
9108069- 5	LF-5	WATER	08/06/91	8270

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

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

Workorder # : 9108069
Date Received : 08/07/91
Project ID : 1563.06
Purchase Order: N/A
Department : GCMS
Sub-Department: GCMS

QA/QC SUMMARY :

- Toluene quantitation exceeeded the calibration range in the EPA Method 8240 analysis of sample LF-5.
- An internal standard area is outside established limits in the EPA Method 8270 analysis of sample LF-5.

Department Supervisor 8-21-91 Date

Chemist 8-21-91 Date

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID	: 1563.06	Anametrix ID	: 9108069-01
Sample ID	: TRIP BLA	Analyst	: SP
Matrix	: WATER	Supervisor	: JM
Date Sampled	: 8/ 6/91		
Date Analyzed	: 8/14/91	Dilution Factor	: 1.00
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
110-75-8	2-Chloroethylvinyl ether	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 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID	: 1563.06	Anametrix ID	: 9108069-05
Sample ID	: LF-5	Analyst	: DP
Matrix	: WATER	Supervisor	: JM
Date Sampled	: 8/ 6/91		
Date Analyzed	: 8/15/91	Dilution Factor	: 1000.00
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
110-75-8	2-Chloroethylvinyl ether	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.	200000.	E
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.	5400.	
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 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID :
Sample ID : BLANK
Matrix : WATER
Date Sampled : 0/ 0/ 0
Date Analyzed : 8/14/91
Instrument ID : MSD1

Anametrix ID : 0814B001
Analyst : SP
Supervisor : JM

Dilution Factor : 1.00
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
110-75-8	2-Chloroethylvinyl ether	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 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID :
Sample ID : BLANK
Matrix : WATER
Date Sampled : 0/ 0/ 0
Date Analyzed : 8/15/91
Instrument ID : MSD1

Anametrix ID : 0815B001
Analyst : DP
Supervisor : LM

Dilution Factor : 1.00
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
110-75-8	2-Chloroethylvinyl ether	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 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Matrix : WATER

Anametrix ID : 9108069
Analyst : DP
Supervisor : UM

	SAMPLE ID	SU1	SU2	SU3	TOTAL OUT
1	BLANK	99	103	102	0
2	TRIP BLA	99	103	103	0
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 = 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 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID : 1563.06
Matrix : WATER

Anametrix ID : 9108069
Analyst : DP
Supervisor : M

	SAMPLE ID	SU1	SU2	SU3	TOTAL OUT
1	BLANK	99	100	103	0
2	LF-5	99	101	100	0
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 = 1,2-Dichloroethane-d4	(75-113)
SU2 = Toluene-d8	(83-110)
SU3 = 1,4-Bromofluorobenzene	(82-114)

* Values outside of Anametrix QC limits

*

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 : 8/ 6/91
Date Extracted : 8/ 8/91
Amount Extracted : 1000.0 mL
Date Analyzed : 8/20/91
Instrument ID : F2

Anametrix ID : 9108069-05
Analyst : LW
Supervisor : LH

Dilution Factor : 5.00
Conc. Units : UG/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	50.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	50.	ND	U
95-57-8	2-CHLOROPHENOL	50.	ND	U
541-73-1	1,3-DICHLOROBENZENE	50.	ND	U
106-46-7	1,4-DICHLOROBENZENE	50.	ND	U
100-51-6	BENZYL ALCOHOL	50.	ND	U
95-50-1	1,2-DICHLOROBENZENE	50.	ND	U
95-48-7	2-METHYLPHENOL	50.	180.	
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	50.	ND	U
106-44-5	4-METHYLPHENOL	50.	250.	
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	50.	ND	U
67-72-1	HEXACHLOROETHANE	50.	ND	U
98-95-3	NITROBENZENE	50.	ND	U
78-59-1	ISOPHORONE	50.	ND	U
88-75-5	2-NITROPHENOL	50.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	50.	ND	U
65-85-0	BENZOIC ACID	250.	37.	J
111-91-1	BIS(2-CHLOROETHOXY)METHANE	50.	ND	U
120-83-2	2,4-DICHLOROPHENOL	50.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	50.	ND	U
91-20-3	NAPHTHALENE	50.	ND	U
106-47-8	4-CHLOROANILINE	50.	ND	U
87-68-3	HEXACHLOROBUTADIENE	50.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	50.	ND	U
91-57-6	2-METHYLNAPHTHALENE	50.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	50.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	50.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	250.	ND	U
91-58-7	2-CHLORONAPHTHALENE	50.	ND	U
88-74-4	2-NITROANILINE	250.	ND	U
131-11-3	DIMETHYLPHTHALATE	50.	ND	U
208-96-8	ACENAPHTHYLENE	50.	ND	U
606-20-2	2,6-DINITROTOLUENE	50.	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 : 8/ 6/91
Date Extracted : 8/ 8/91
Amount Extracted : 1000.0 mL
Date Analyzed : 8/20/91
Instrument ID : F2

Anametrix ID : 9108069-05
Analyst : ω
Supervisor :

Dilution Factor : 5.00
Conc. Units : UG/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
99-09-2	3-NITROANILINE	250.	ND	U
83-32-9	ACENAPHTHENE	50.	ND	U
51-28-5	2,4-DINITROPHENOL	250.	ND	U
100-02-7	4-NITROPHENOL	250.	ND	U
132-64-9	DIBENZOFURAN	50.	ND	U
121-14-2	2,4-DINITROTOLUENE	50.	ND	U
84-66-2	DIETHYLPHTHALATE	50.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	50.	ND	U
86-73-7	FLUORENE	50.	ND	U
100-01-6	4-NITROANILINE	250.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	250.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	50.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	50.	ND	U
118-74-1	HEXACHLOROBENZENE	50.	ND	U
87-86-5	PENTACHLOROPHENOL	250.	ND	U
85-01-8	PHENANTHRENE	50.	ND	U
120-12-7	ANTHRACENE	50.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	50.	ND	U
206-44-0	FLUORANTHENE	50.	ND	U
129-00-0	PYRENE	50.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	50.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	100.	ND	U
56-55-3	BENZO(A)ANTHRACENE	50.	ND	U
218-01-9	CHRYSENE	50.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	50.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	50.	ND	U
205-99-2	BENZO(B)FLUORANTHENE	50.	ND	U
207-08-9	BENZO(K)FLUORANTHENE	50.	ND	U
50-32-8	BENZO(A)PYRENE	50.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	50.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	50.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	50.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	50.	ND	U
4165-61-1	ANILINE	50.	ND	U
103-33-3	AZOBENZENE	50.	ND	U
92-87-5	BENZIDINE	250.	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 : 8/ 8/91
Amount Extracted : 1000.0 mL
Date Analyzed : 8/16/91
Instrument ID : F2

Anametrix ID : 0818B001
Analyst : LW
Supervisor : MH

Dilution Factor : 1.00
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
606-20-2	2,6-DINITROTOLUENE	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 : 8/ 8/91
Amount Extracted : 1000.0 mL
Date Analyzed : 8/16/91
Instrument ID : F2

Anametrix ID : 0818B001
Analyst : WW
Supervisor : WH

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
99-09-2	3-NITROANILINE	50.	ND	U
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
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	50.	ND	U

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

Project ID : 1563.06
Matrix : LIQUID

Anametrix ID : 9108069
Analyst : WW
Supervisor : [illegible]

	SAMPLE ID	SU1	SU2	SU3	SU4	SU5	SU6	TOTAL OUT
1	BLANK	45	31	42	43	88	106	0
2	LF-5	10	44	18	70	78	70	0
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	(10- 82)
SU2 = PHENOL-D5	(10- 72)
SU3 = NITROBENZENE-D5	(10-100)
SU4 = 2-FLUOROBIPHENYL	(10- 92)
SU5 = 2,4,6-TRIBROMOPHENOL	(15-139)
SU6 = TERPHENYL-D14	(10-110)

* Values outside of Anametrix QC limits

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

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

Workorder # : 9108069
Date Received : 08/07/91
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
9108069- 5	LF-5	WATER	08/06/91	TPHd

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

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

Workorder # : 9108069
Date Received : 08/07/91
Project ID : 1563.06
Purchase Order: N/A
Department : GC
Sub-Department: TPH

QA/QC SUMMARY :

- The concentration reported as diesel for sample LF-5 is primarily due to the presence of discrete hydrocarbon peaks not indicative of diesel fuel.

Cheryl Balmer 8/15/91
Department Supervisor Date

Chemist 8/15/91
Chemist Date

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

Anametrix W.O.: 9108069
Matrix : WATER
Date Sampled : 08/06/91
Date Extracted: 08/08/91

Project Number : 1563.06
Date Released : 08/15/91
Instrument I.D.: HP23

Anametrix I.D.	Client I.D.	Date Analyzed	Reporting Limit (ug/L)	Amount Found (ug/L)
9108069-05	LF-5	08/13/91	1000	4700
DWBL080891	METHOD BLANK	08/13/91	50	ND

Note : Reporting limit is obtained by multiplying the dilution factor times 50ug/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.

Inna Shor 8/15/91
Analyst Date

Cheryl Balmer 8/15/91
Supervisor Date

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

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

Workorder # : 9108069
Date Received : 08/07/91
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
9108069- 1	TRIP BLANK	WATER	08/06/91	6010
9108069- 5	LF-5	WATER	08/06/91	6010
9108069- 1	TRIP BLANK	WATER	08/06/91	7060
9108069- 2	LF-9	WATER	08/06/91	7060
9108069- 3	LF-10	WATER	08/06/91	7060
9108069- 4	LF-11	WATER	08/06/91	7060
9108069- 5	LF-5	WATER	08/06/91	7060
9108069- 5	LF-5	WATER	08/06/91	7421
9108069- 5	LF-5	WATER	08/06/91	7470
9108069- 5	LF-5	WATER	08/06/91	7521
9108069- 5	LF-5	WATER	08/06/91	7740
9108069- 5	LF-5	WATER	08/06/91	7761

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

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

Workorder # : 9108069
Date Received : 08/07/91
Project ID : 1563.06
Purchase Order: N/A
Department : METALS
Sub-Department: METALS

QA/QC SUMMARY :

- No QA/QC problems encountered for samples.

Department Supervisor 8/22/91 Date

Chemist 8/22/91 Date

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

Anametrix W.O.: 9108069
Matrix : WATER
Date Sampled : 08/06/91
Project Number: 1563.06

Date Prepared : 08/19/91
Date Analyzed : 08/20/91
Date Released : 08/22/91
Instrument I.D.: AA1/AA2/ICP1

	EPA Method#	Reporting Limit	Sample I.D.# TRIP BLANK	Sample I.D.# LF-9	Sample I.D.# LF-10	Sample I.D.# LF-11	Sample I.D.# LF-5
ELEMENTS		(ug/L)	-01	-02	-03	-04	-05
Silver (Ag)	7761	1.0	--	--	--	--	ND
Arsenic (As)	7060	10.0	ND	ND	ND	ND	ND
Cadmium (Cd)	6010	5.0	--	--	--	--	ND
Total Cr	6010	10.0	--	--	--	--	ND
Copper (Cu)	6010	25.0	--	--	--	--	ND
Mercury (Hg)	7740	1.0	--	--	--	--	ND
Nickel (Ni)	7521	6.0	--	--	--	--	ND
Lead (Pb)	6010	40.0	ND	--	--	--	--
Lead (Pb)	7421	3.0	--	--	--	--	3.1
Selenium (Se)	7740	5.0	--	--	--	--	ND
Zinc (Zn)	6010	20.0	ND	--	--	--	ND

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

All Metals by EPA Method 6010/7000, Test Methods for Evaluating Solid Waste, SW-846 3rd Edition November 1986.

Supervisor 8/22/91 Date

Chemist Mona Kamel 8/22/91 Date

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

Anametrix W.O.: 9108069
Matrix : WATER
Date Sampled : 08/06/91
Project Number: 1563.06

Date Prepared : 08/19/91
Date Analyzed : 08/20/91
Date Released : 08/22/91
Instrument I.D.: AA1/AA2/ICP1

ELEMENTS	EPA Method#	Reporting Limit (ug/L)	Sample I.D.# METHOD BLANK MB0819W
Silver (Ag)	7761	1.0	ND
Arsenic (As)	7060	10.0	ND
Cadmium (Cd)	6010	5.0	ND
Total Cr	6010	10.0	ND
Copper (Cu)	6010	25.0	ND
Mercury (Hg)	7740	1.0	ND
Nickel (Ni)	7521	6.0	ND
Lead (Pb)	6010	40.0	ND
Lead (Pb)	7421	40.0	ND
Selenium (Se)	7740	5.0	ND
Zinc (Zn)	6010	20.0	ND

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

All Metals by EPA Method 6010/7000, Test Methods for Evaluating Solid Waste, SW-846 3rd Edition November 1986.

Supervisor 8/22/91 Date

Chemist 8/22/91 Date

10/7 15 10/2 #45 TT 1840 9108069

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

Project No.: 1563.06	Field Logbook No.:	Date: 8-6-91	Serial No.: 7223
Project Name: SHERWIN-WILLIAMS	Project Location: Emeryville		
Sampler (Signature): Kenton Lee			

SAMPLES						ANALYSES							Samplers: LPL-KAG
SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CONTAINERS	SAMPLE TYPE	EPA 601 ~~ARSENIC~~ EPA 624	EPA 8240	EPA 8270	TPH Diesel	Boston Plus METALS	HOLD	RUSH	REMARKS
TRIP BLANK	8-6	900		1x Liter	Groundwater	X							NORMAL TURNAROUND
LF-9	↓	1045		↓	↓	X							
LF-10		1125				X							Send results to:
LF-11		1245				X							
LF-5		1305		8 liter 3x40ml 1x500ml			X	X	X	X			John DeRamo
													NOTE: Metal Samples Are Field Filtered.
					client also sends 2x40ml of trip blank								Samples came with electrical tape wrap.
													#1 has 1V/w 2mm Bubble, other samples cold, no bubble

RELINQUISHED BY: (Signature) Kenton Lee	DATE 08-06-91	TIME 1500	RECEIVED BY: (Signature) William Hegan	DATE 8-06-91	TIME 15:00
RELINQUISHED BY: (Signature) William Hegan	DATE 8-7-91	TIME 3:30pm	RECEIVED BY: (Signature) Jenny S. Cheyne	DATE 8/7/91	TIME 1530
RELINQUISHED BY: (Signature) Jenny S. Cheyne	DATE 8/7/91	TIME 1745	RECEIVED BY: (Signature) John M. Yan	DATE 080791	TIME 1745
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

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

Attn: Anna Rising

ANAMETRIX INC
Environmental & Analytical Chemistry

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

September 5, 1991

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

Project Number: 1563.06
Anametrix Workorder: 9108069

Dear John:

We are reissuing the metals results from this CAR (Certified Analytical Report) because there were changes made to the amount found for arsenic.

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.

Diane Gowan
Client Services Representative

DG/mh/6140

Enclosure

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

Anametrix W.O.: 9108069
Matrix : WATER
Date Sampled : 08/06/91
Project Number: 1563.06

Date Prepared : 08/19/91
Date Analyzed : 08/20/91
Date Released : 08/22/91
Instrument I.D.: AA1/AA2/ICP1

ELEMENTS	EPA Method#	Reporting Limit (ug/L)	Sample I.D.# TRIP BLANK -01	Sample I.D.# LF-9 -02	Sample I.D.# LF-10 -03	Sample I.D.# LF-11 -04	Sample I.D.# LF-5 -05
Silver (Ag)	7761	1.0	--	--	--	--	ND
Arsenic (As)	7060	10.0	ND	131	1090	21.3	38.4
Cadmium (Cd)	6010	5.0	--	--	--	--	ND
Total Cr	6010	10.0	--	--	--	--	ND
Copper (Cu)	6010	25.0	--	--	--	--	ND
Mercury (Hg)	7740	1.0	--	--	--	--	ND
Nickel (Ni)	7521	6.0	--	--	--	--	ND
Lead (Pb)	6010	40.0	ND	--	--	--	--
Lead (Pb)	7421	3.0	--	--	--	--	3.1
Selenium (Se)	7740	5.0	--	--	--	--	ND
Zinc (Zn)	6010	20.0	ND	--	--	--	ND

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

All Metals by EPA Method 6010/7000, Test Methods for Evaluating Solid Waste, SW-846 3rd Edition November 1986.

Supervisor 9/4/91 Date

Chemist 9/04/91 Date

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 (volatile organic compounds), EPA Method 8270 (semivolatile organics), EPA Method 3510 (total petroleum hydrocarbons as diesel), and EPA 200/6000/7000 Series Methods (Basin Plan Metals). Duplicate samples for analysis with all four methods were collected from wells LF-4 and LF-11. Bailer rinsate blanks were prepared in the field by pouring nitrogen-purged deionized water into sampling bailers before sampling wells LF-11 and LF-B3. These bailer rinsate samples were analyzed by all four methods (8240, 8270, TPHd, and Basin Plan Metals). Four laboratory prepared trip blanks were prepared and sent to the field in the same batch of containers used for ground-water sample shipment. These trip blanks were submitted to the laboratory for analysis. One trip blank was analyzed for all analyses and the other three were analyzed for Basin Plan Metals and/or 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 June 1991 sampling round (Table C-1) with all of the calculated RPD values less than 30 percent, except for the RPD for acetone (39.4 percent) for the sample collected from well LF-4.

In addition to the field duplicates, surrogate spike 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 percent, 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 and matrix spike duplicate analysis for VOCs for the ground-water sample from well LF-13 and SVOCs for ground-water samples from wells LF-7, LF-8, and LF-15.

Quantification for toluene exceeded the calibration range in the VOC analysis of the ground-water sample from LF-5. A problem with arsenic results was noted for three samples (LF-9, LF-10, LF-11 resampled on August 6) submitted for confirmation of results from sampling in June 1991. The August results were originally reported as ND or less than 0.010 ppm for arsenic. A subsequent check with the laboratory indicated the results had been reported in error and the laboratory re-issued a Certified Analytical Report dated September 5, 1991. The analytical laboratory indicated that the reporting error was attributable to a new machine, which was not operated properly.

None of the field or trip blanks were found to contain any of the target compounds above laboratory detection limits. Analysis of one of the laboratory method blanks on July 7, 1991 (see Anametrix Report, July 7, 1991, page 31), detected 0.030 ppm acetone. None of the other samples analyzed in this batch of samples reported acetone concentrations above the method detection limit (0.020 ppm).

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	Napthalene	2-Methyl-phenol	Arsenic	Nickel	Zinc	Lead	Cadmium
LF-11	21-Jun-91	ANA	9106251-3	ND	ND	ND	ND	ND	ND	ND	ND	22.7	5.6	ND	7.2	ND
	21-Jun-91	ANA	9106251-4	ND	ND	ND	ND	ND	ND	ND	ND	23.8	6.8	ND	6.0	ND
	RPD(%)			NA	NA	NA	NA	NA	NA	NA	NA	4.7	19.4	NA	18.2	NA
LF-4	21-Jun-91	ANA	9106274-2	0.079	ND	0.007	0.350	0.039	0.005	0.005	0.006	22.7	5.6	ND	7.2	ND
	21-Jun-91	ANA	9106274-3	ND(0.040)	ND	0.008	0.380	0.040	0.004	0.005	0.005	23.8	6.8	ND	6.0	ND
	RPD(%)			39.4	NA	13.3	8.2	2.5	22.2	0.0	18.2	4.7	19.4	NA	18.2	NA
TRIP BLANKS																
LF-B4-TB	19-Jun-91	ANA	9106274-1	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
LF-11-TB	20-Jun-91	ANA	0106251-01	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
LF-4-TB	21-Jun-91	ANA	9106274-1	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	ND
Trip Blank	06-Aug-91	ANA	9108069-01	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	ND
BAILER RINSATE BLANKS																
LF-B3-BR	19-Jun-91	ANA	9106245-6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LF-11-BR	20-Jun-91	ANA	9106251-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Explanation of Symbols and Abbreviations Used in Table C-1:
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

APPENDIX D

RESULTS OF LABORATORY ANALYSES FOR TOTAL DISSOLVED SOLIDS AND pH

RESULTS OF LABORATORY ANALYSES FOR TOTAL DISSOLVED SOLIDS AND pH

This section presents the results of sampling and laboratory analyses for total dissolved solids, pH, and conductivity. Ground-water samples from three A-zone monitoring wells (LF-10, LF-11, and LF-12) were collected and submitted for analysis for the above parameters. The samples were collected and analyzed to evaluate general A-zone ground-water quality in terms of the State of California RWQCB guidelines for determining the potential beneficial public use of ground water.

Regulations Regarding Potable Ground Water

Resolution 88-63:

The State Water Resources Control Board in Resolution 88-63 defined standards by which to establish whether surface or ground water is a source, or potential source, of drinking water. According to this resolution, all ground waters of the State are considered to be potential sources of drinking water except where any one of the following applies:

- the total dissolved solids (TDS) concentration exceeds 3,000 milligrams per liter (mg/l) (electrical conductivity greater than 5,000 μmho/cm) and is not reasonably expected by the RWQCB to supply a public water system
- there is contamination, either by natural processes or by human activity (unrelated to a specific pollution incident), that cannot reasonably be treated for domestic use using either Best Management Practices or best economically achievable treatment practices
- the water source does not provide sufficient water to supply a single well capable of producing an average, sustained yield of 200 gallons per day.

Evaluation of Shallow Ground Water for Potential Beneficial Use

To determine if the shallow ground water at the Site was suitable for use as a potential public or domestic water supply, as defined above in Resolution 88-63, ground-water samples were collected from wells LF-10, LF-11, and LF-12 and analyzed for TDS, pH, and electrical conductivity. The TDS of

the samples collected from LF-10, LF-11, and LF-12 were 820 mg/l, 870 mg/l, and 460 mg/l, respectively. The conductivities of the samples were 1,460 µmho/cm, 1,330 µmho/cm, and 620 µmho/cm, respectively. The pH levels were 6.8, 6.9, and 6.6, respectively.

Limited information from purging and sampling of A-zone monitoring wells LF-10, LF-11, and LF-12 indicated that these 2-inch diameter monitoring wells may be capable of producing 200 gallons of water per day; however, further testing would be required to evaluate if the A-zone wells could provide a sustained yield of 200 gallons per day.

Based on the results of the TDS, pH, and electrical conductivity analyses as related to Resolution 88-63 and limited information regarding the potential for sustained yield of 200 gallons per day, A-zone ground water in the vicinity of the Site is likely to be considered to be of potential beneficial use.

Laboratory reports of the TDS, pH, and electrical conductivity analysis of the collected samples from LF-10, LF-11, and LF-12 are attached to Appendix D.

Analytical Report

LOG NO: E91-08-108

Received: 06 AUG 91

Mailed: AUG 15 1991

Mr. Glenn Leong
Levine - Fricke
1900 Powell Street 12th Floor
Emeryville, California 94608
CC: Mr. John DeReamer

Requisition: 7674
Project: 1563.06

REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION, WASTEWATER SAMPLES	DATE SAMPLED
08-108-1	LF-12	06 AUG 91
08-108-2	LF-10	06 AUG 91
08-108-3	LF-11	06 AUG 91

PARAMETER	08-108-1	08-108-2	08-108-3
Conductivity, umhos/cm	620	1460	1330
pH, Units	6.6	6.8	6.9
Filterable Residue (TDS), mg/L	460	820	870

Sim D. Lessley, Ph.D., Laboratory Director

RECEIVED
AUG 19 1991
LEVINE-FRICKE

1255 Powell Street
Emeryville, CA 94608

415/428-2300
Fax: 415/547-3643

BCA B C Analytical

: ORDER PLACED FOR CLIENT: Levine - Fricke 9108108 :
: BC ANALYTICAL : EMVL LAB : 16:20:12 14 AUG 1991 - P. 1 :

SAMPLES...	SAMPLE DESCRIPTION..	DETERM.....	DATE.... ANALYZED	METHOD.....	EQUIP.	BATCH	ID.NO
9108108*1	LF-12	COND	08.07.91	120.1	513-18	78	0001
		PH	08.07.91	150.1	512-01	238	0001
		TDS	08.07.91	160.1	513-20	73	6997
9108108*2	LF-10	COND	08.07.91	120.1	513-18	78	0001
		PH	08.07.91	150.1	512-01	238	0001
		TDS	08.07.91	160.1	513-20	73	6997
9108108*3	LF-11	COND	08.07.91	120.1	513-18	78	0001
		PH	08.07.91	150.1	512-01	238	0001
		TDS	08.08.91	160.1	513-20	74	6997

***

Notes: Equipment = BC Analytical identification number for a particular piece of analytical equipment.

ID.NO = BC Analytical employee identification number of analyst.

BC ANALYTICAL

BATCH QC REPORT
ORDER: E9108108

ATE REPORTED : 08/14/91

LABORATORY CONTROL STANDARDS

PARAMETER	DATE ANALYZED	BATCH NUMBER	LC RESULT	LT RESULT	UNIT	PERCENT RECOVERY
nductivity	08.07.91	78	970	1000	umhos/cm	97
H	08.07.91	238	6.0	6.0	mg/L	100
ilterable Residue (TDS)	08.07.91	73	250	250	mg/L	100
lterable Residue (TDS)	08.08.91	74	270	250	mg/L	108

BC ANALYTICAL

BATCH QC REPORT
ORDER: E9108108

E REPORTED : 08/14/91

MATRIX QC PRECISION (DUPLICATES)

RAMETER	DATE ANALYZED	BATCH NUMBER	R1 RESULT	R2 RESULT	UNIT	RELATIVE ZDIFF
	08.07.91	238	6.9	6.9	Units	0

BC ANALYTICAL

BATCH QC REPORT
ORDER: E9108108

E REPORTED : 08/14/91

MATRIX QC PRECISION (DUPLICATE SPIKES)

ARAMETER	DATE ANALYZED	BATCH NUMBER	S1 RESULT	S2 RESULT	UNIT	RELATIVE %DIFF
ductivity	08.07.91	78	2030	2120	umhos/cm	4
terable Residue (TDS)	08.07.91	73	2700	2700	mg/L	0
ilterable Residue (TDS)	08.08.91	74	1800	1800	mg/L	0

BC ANALYTICAL

BATCH QC REPORT
ORDER: E9108108

DATE REPORTED : 08/14/91

MATRIX QC ACCURACY (SPIKES)

PARAMETER	DATE ANALYZED	BATCH NUMBER	SBAR RESULT	TRUE RESULT	RBAR RESULT	UNIT	PERCENT RECOVERY
Conductivity	08.07.91	78	2075	2120	1140	umhos/cm	95
Filterable Residue (TDS)	08.07.91	73	2700	2500	460	mg/L	110
Filterable Residue (TDS)	08.08.91	74	1800	1800	1000	mg/L	100

BC ANALYTICAL

BATCH QC REPORT
ORDER: E9108108

E REPORTED : 08/14/91

METHOD BLANKS AND REPORTING DETECTION LIMIT (RDL)

ARAMETER	DATE ANALYZED	BATCH NUMBER	BLANK RESULT	RDL	UNIT
ductivity	08.07.91	78	1	1	umhos/cm
terable Residue (TDS)	08.07.91	73	0	10	mg/L
lterable Residue (TDS)	08.08.91	74	0	10	mg/L

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

Project No.: 1563.06	Field Logbook No.:	Date: 8-6-91	Serial No.: 7674
Project Name: SHERWIN-WILLIAMS	Project Location: EMERYVILLE		
Sampler (Signature): Dan Zupnick			

SAMPLES — ANALYSES

SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CONTAINERS	SAMPLE TYPE	EPA 601	EPA 624	TDS	PH	SPEC Cond.	HOLD	RUSH
LF-12	8-6	1015	-1	1	GROUND WATER			X	X	X		
LF-10	"	1125	-2	1	"			X	X	X		
LF-11	"	1245	-3	1	"			X	X	X		

Samplers: LPL - KAG

REMARKS

NORMAL TURNAROUND

SEND RESULTS TO

JOAN DEREAMER

ATTN: CHI SAN HO

RELINQUISHED BY: (Signature) Dan Zupnick	DATE 8-6-91	TIME 232	RECEIVED BY: (Signature) Pharis Kongkham	DATE 8/6/91	TIME 8:33
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	DATE	TIME
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	DATE	TIME
METHOD OF SHIPMENT: HAND DELIVER	DATE	TIME	LAB COMMENTS: LOG # 9108108		

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

Analytical Laboratory:
BROWN & CALDWELL

Shipping Copy (White) Lab Copy (Green) File Copy (Yellow) Field Copy (Pink)

FORM NO. 86/COC/ARF