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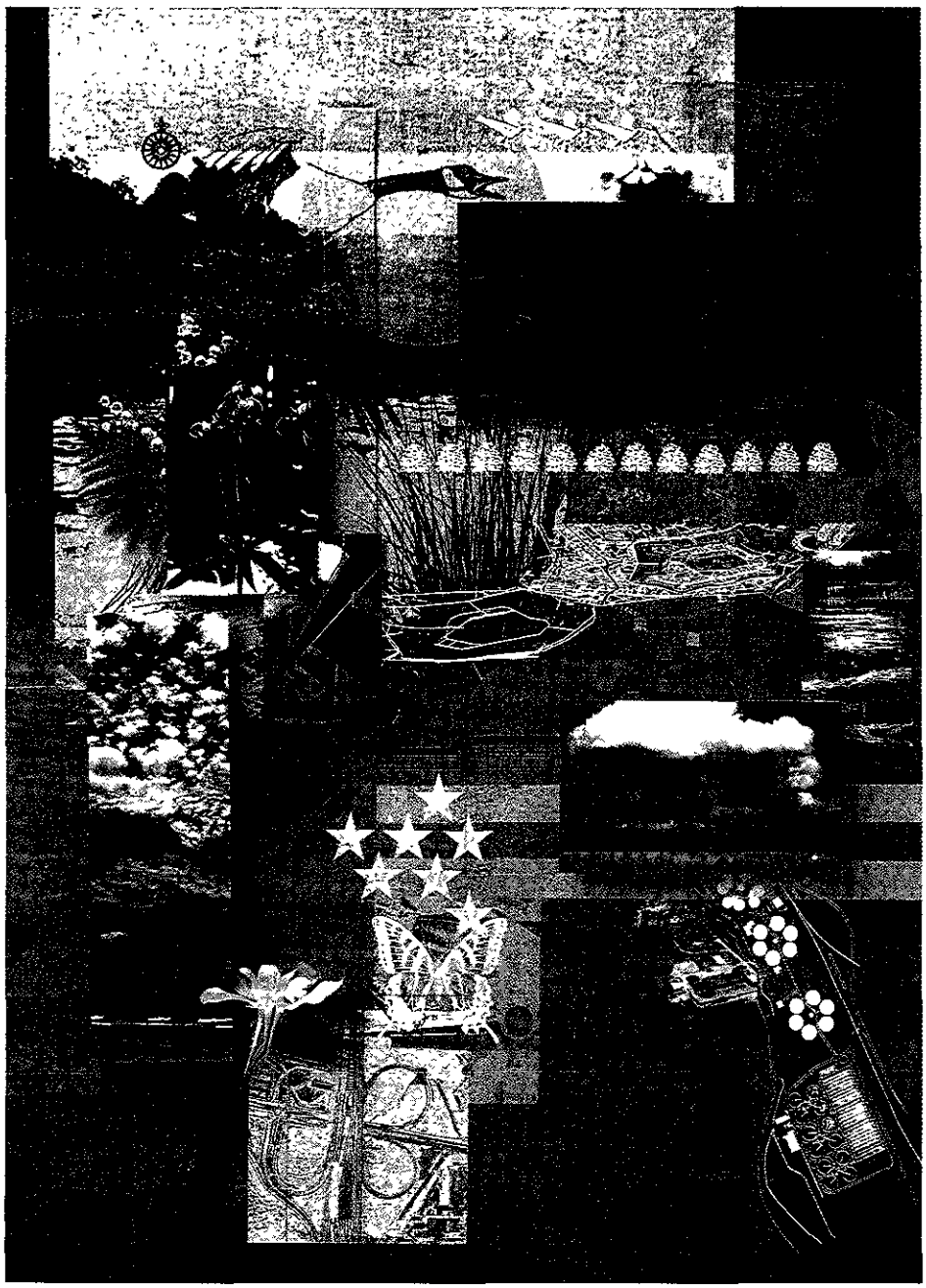

Quality through teamwork

SRMP QUARTERLY GROUNDWATER MONITORING REPORT: SECOND QUARTER, 1996

FORMER ANC FACILITY
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Prepared for:

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June, 1996

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June 13, 1996

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RE: American National Can Company
Former Oakland, California Facility

Dear Sirs:

Rust Environment & Infrastructure (Rust) has completed a 20th round of quarterly groundwater monitoring at the subject site. This is the third round of monitoring conducted following the implementation of the Sitewide Risk Management Plan (SRMP). Water levels and product thicknesses are measured monthly; groundwater samples are collected once each quarter. This report summarizes results obtained from this round of monitoring with respect to: sitewide groundwater flow conditions; Area 3 mound height and product thickness; and, groundwater quality. In addition, this report summarizes the results of 2 rounds of water level and product thickness monitoring performed on the neighboring Ekotek Lube property.

I. SITE-WIDE WATER LEVEL MONITORING

Table 1 is a summary of water levels and corresponding groundwater elevations measured on April 2, 1996, May 8, 1996 and June 3, 1996. Figure 1 is a groundwater contour map prepared from the January 2, 1996 groundwater elevations. The contour map shows that groundwater flow conditions at the site are consistent with previous data. The regional groundwater flow direction is generally to the south. A groundwater mound continues to create a reversal in the regional groundwater gradient in Area 3. The magnitude and fluctuation of this mound is monitored by Rust as part of this groundwater monitoring program and the results of the monitoring are reported later in this report.

II. AREA 3 WATER LEVEL AND PRODUCT THICKNESS MONITORING

Area 3 Mound Height Monitoring

Table 2 has been updated to provide groundwater elevations and mound height measurements in Area 3 through June 3, 1996. Figure 2a, 2b and 3, have been similarly updated with data obtained through June 3, 1996 to depict recent groundwater elevation and mound height fluctuations in Area 3. Figures 2a and 2b have been updated with daily precipitation data through April 30, 1996. Daily precipitation data since September 30, 1995 was recorded by the NWS at the Upper San Leandro Filtration Plant; data prior to September 30, 1995 was recorded at the Oakland Museum recording station. The change in the source of the precipitation data was made because the Oakland Museum has recently been providing incomplete data. Although precipitation at the two recording stations is not exactly the same, overall precipitation trends are similar. For the purposes of this monitoring program, it is necessary to demonstrate only trends in precipitation and therefore usage of data from the two recording stations is considered justifiable.

The last three months of monitoring have revealed very little change in mound height relative to historical seasonal trends. The mound height increased at both MW-2 and MW-3 through the April and May measurements. As shown on Figures 2a and 2b, this was caused by a greater decrease in groundwater elevations off the mound (wells MW-4 and MW-5) than on the mound (wells MW-2 and MW-3). This is consistent with historical seasonal trends. On May 8, 1996, the mound height at well MW-2 (3.39 feet) was higher than ever previously recorded, but consistent with the May 12, 1995 measured height of 3.25 feet. On June 3, 1996, the mound height decreased from the previous measurement at both MW-2 and MW-3. As shown on the figures, this occurred because the groundwater elevation off the mound (MW-4 and MW-5) increased slightly while it decreased on the mound (MW-2 and MW-3).

During monthly monitoring conducted in Area 3 on May 8, 1996 and June 3, 1996, water levels and product thicknesses were measured in five monitoring wells located on the Ekotek Lube property. This work was coordinated and performed with personnel from Erler & Kalinowski, the engineering firm that represents the owners of the Ekotek Lube site. The purpose was to obtain data from Area 3 and the Ekotek Lube site on the same date so that groundwater elevations could be further evaluated across the study area. Table 1 summarizes water levels and product thickness measurements made during the monitoring period and has been modified from previous versions to include measurements recorded in the Ekotek Lube wells.

Figures 1a and 1b are contour maps of groundwater elevations across Area 3 and the Ekotek Lube site on May 8, 1996 and June 3, 1996. The maps were prepared to depict the lateral configuration of the mound. The maps indicate that the high point or center of the mound is located on the Ekotek Lube property, somewhere between wells MW-1 and MW-2. Comparison of Figures 1a and 1b show that the mound decreased or flattened from May 8, 1996 to June 3, 1996.

Area 3 Product Thickness Monitoring

Table 3 has been updated with the thickness of product measured in Area 3 wells through June 3, 1996. Graphs of product thickness in wells GW-2R, MW-2 and MW-5 have also been updated with the latest data and are provided on Figures 4a, 4b and 4c respectively.

Results of product thickness monitoring in Area 3 are generally consistent with historical data. No anomalies were observed in the product thickness measured in the three wells during the monitoring period.

Product was observed in Ekotek Lube wells MW-4 and MW-5 on May 8, 1996 and June 3, 1996. The apparent product thickness in well MW-5 was over 5 feet on both dates while that measured in well MW-4 was 0.68 feet and 0.69 feet respectively for the two dates. This data appears consistent with product thickness observations made in Area 3 prior to product removal efforts. Specifically, product is present at locations off the periphery of the mound where groundwater elevations are lowest.

III. GROUNDWATER QUALITY MONITORING

Tables 4 through 8 provide a summary of analytical results from this round of groundwater sampling and also include the results of the previous two rounds, conducted in October 1995 and January 1996. A detailed laboratory analytical report of the results obtained from this quarterly monitoring event is appended. Highlights of the analytical results from the latest round of sampling are summarized as follows:

Area 2 (Table 4)

- BTEX compounds were not detected in any of the Area 2 wells. This is consistent with historical data. As a result, the low concentration of total xylenes (0.62 µg/l) detected in the sample from well TW-1R during the last round of sampling is considered insignificant.

- The concentration of TPH as diesel in well SRMP-1 was detected at 150 µg/l. This result is consistent with previous data for this well and continues to remain below the applicable SRMP-Containment Concentration of 500 µg/l.

- Metals analysis from filtered samples revealed analytical results that are consistent with historical data. A slightly elevated zinc concentration (4.8 mg/l in well MW-13) persists on the upgradient side of this area. However, this elevated zinc concentration has not been detected at downgradient locations (TW-1R and SRMP-1), which is consistent with historical data.

Area 3 (Table 5)

- Product was detected in wells MW-2, MW-3, MW-4, MW-5, GW-1R and GW-2R during this round of monitoring. As a result, groundwater samples were not collected, per the SRMP Area 3 groundwater monitoring program, as they would not have provided a representative depiction of groundwater quality.

- Analytical results from other Area 3 wells monitored are consistent with historical data.

Building 12 Area (Table 5)

- The concentration of TPH as mineral spirits in well MW-7 (570 µg/l) increased from the January 1996 result. The possibility that the TPH as mineral spirits in MW-1R is related to Area 3 groundwater impacts emanating from the Ekotek Lube site, rather than to Building #12 impacts, was evaluated by sampling all Area 3 wells for TPH as mineral spirits. As shown on Table 5, TPH as mineral spirits was detected at significant concentrations (up to 18,000 µg/l) in the Area 3 wells. Although these results are not necessarily fully representative of groundwater quality, because of the product present in the wells, they do demonstrate that TPH as mineral spirits is present in Area 3. Area 3 is located upgradient of the Building 12 area. Consequently, it is probable that the TPH as mineral spirits detected in monitoring well MW-1R is associated with Ekotek Lube groundwater impacts, and not from activities at former Building 12.

Area 4 (Table 6)

- The concentration of TPH as diesel at well SRMP-3 (280 µg/l) increased slightly from the January 1996 round of monitoring. The concentration is still well below the applicable SRMP-Containment Concentration of 500 µg/l.

- TPH as diesel was detected in wells MW-9R (92 µg/l) and MW-14R (89 µg/l) at concentrations that were consistent with the October 1995 monitoring results and higher than the January 1996 monitoring results. The results are still well below the applicable SRMP-Containment Concentration of 500 µg/l.

- No other target compounds were detected from Area 4 wells during this round of monitoring.

RCRA Area (Table 7)

- Analytical results from the sample from well SRMP-4 were generally consistent with the two previous rounds of data.

- The concentration of tetrachloroethane, which is not believed to be associated with the RCRA Storage Facilities, remained the same at 5.1 µg/l.

- TPH as diesel was detected for the first time at 80 µg/l.

Former Acetone UST Area (Table 8)

- Acetone was not detected in well SRMP-2 for the first time since monitoring began.

- 2-butanone was not detected during this round of monitoring, substantiating that the low concentration of this compound detected in January 1996 (14 µg/l) was laboratory related.

In summary, the results of the last round of quarterly groundwater monitoring are generally consistent with previous data for the site. Based on the results, it is concluded that the TPH as mineral spirits that has been detected in monitoring well MW-1R is associated with Ekotek Lube groundwater impacts, and not from activities at former Building 12. Based on this, future SRMP quarterly monitoring reports will present groundwater analytical results from well MW-1R under "Area 3 monitoring". No references to Building 12 will be made in future reports, unless new data becomes available which indicates otherwise.

If you have any questions, please call me.

Sincerely,

Edward W. Alusow

Edward W. Alusow
Senior Project Manager

EWA/ajl

Enclosures

cc: R. Rivetna, ANC
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TABLES

TABLE 1
AMERICAN NATIONAL CAN COMPANY
FORMER OAKLAND, CALIFORNIA, FACILITY

Summary of Monthly Water Level Measurements - 2nd Quarter, 1996

Well Number	Measuring Point Elevation	April 2, 1996 Depth To Product	April 2, 1996 Depth To Water	April 2, 1996 Product Thick.	April 2, 1996 Water Table Elevation	May 8, 1996 Depth To Product	May 8, 1996 Depth To Water	May 8, 1996 Product Thick.	May 8, 1996 Water Table Elevation	*June 3, 1996* Depth To Product	*June 3, 1996* Depth To Water	*June 3, 1996* Product Thick.	*June 3, 1996* Water Table Elevation
MW-1R	16.22		10.31		5.91		11.63		4.59		11.53		4.69
MW-2	16.36	9.38	9.41	0.03	6.97		9.18		7.18	9.65	9.66	0.01	6.71
MW-3	16.25	10.26	10.29	0.03	5.98	10.08	10.10	0.02	6.17	10.25	10.26	0.01	6.00
MW-4	16.04	*	11.09	<0.01	4.95		12.25		3.79		12.06		3.98
MW-5	14.78	10.94	10.99	0.05	3.83	11.18	11.20	0.02	3.60	10.98	11.02	0.04	3.79
MW-6	14.32		10.80		3.52		11.13		3.19		10.99		3.33
MW-7	16.27		12.08		4.19		12.50		3.77		12.34		3.93
MW-9R	13.42		11.01		2.41	*Not Measured*				*Not Measured*			
MW-13	17.96		7.72		10.24	*Not Measured*				*Not Measured*			
MW-14R	13.18		10.64		2.54	*Not Measured*				*Not Measured*			
GW-1R	17.36	11.085	11.09	<0.01	6.27		12.18		5.18		12.06		5.30
GW-2R	15.81	12.59	13.02	0.43	3.15	12.73	13.09	0.36	3.02	12.67	12.95	0.28	3.09
TW-1R	17.49		10.45		7.04	*Not Measured*				*Not Measured*			
SRMP-1	16.67		9.83		6.84	*Not Measured*				*Not Measured*			
SRMP-2	13.33		8.83		4.50	*Not Measured*				*Not Measured*			
SRMP-3	14.34		11.32		3.02	*Not Measured*				*Not Measured*			
SRMP-4	13.06		10.12		2.94	*Not Measured*				*Not Measured*			
Ekotek Lube Wells													
MW-1	15.00				NA		8.77		6.23		8.99		6.01
MW-2	14.10				NA		6.43		7.67		7.04		7.06
MW-3	12.59				NA		5.92		6.67		7.05		5.54
MW-4	13.47				NA	8.94	9.62	0.68	4.41	9.14	9.83	0.69	4.21
MW-5	13.41				NA	8.10	13.34	5.24	4.42	8.81	13.89	5.08	3.74

Notes

All elevations are expressed in feet above mean sea level.
Depths are measured in feet below the well measuring point.
Estimated product specific gravity of 0.83 was used to calculate an adjusted depth to water in wells containing product.
* A thin film (<0.01 feet thick) of product was detected in this well.

TABLE 2

Former American National Can Company Facility
Oakland, California
Summary of Area 3 Mound Height Monitoring Results

Date of Measurement	GW Elev. MW-3	GW Elev. MW-5	MW-3 Mound Height	GW Elev. MW-2	GW Elev. MW-4	MW-2 Mound Height
16-Apr-91	6.29	3.18	3.11	5.91	3.27	2.64
29-Apr-91	5.89	2.98	2.91	5.13	3.13	2.00
15-May-91	5.82	2.87	2.95	4.81	2.91	1.90
29-May-91	5.47	2.62	2.85	4.60	2.75	1.85
12-Jun-91	5.28	2.54	2.74	4.42	2.66	1.76
17-Jun-91	5.27	2.52	2.75	4.36	2.69	1.67
27-Jun-91	5.32	2.49	2.83	4.37	2.58	1.79
15-Jul-91	5.03	2.40	2.63	4.12	2.50	1.62
12-Aug-91	4.65	2.28	2.37	3.85	2.35	1.50
23-Sep-91	4.22	2.14	2.08	3.56	2.19	1.37
21-Oct-91	3.97	1.98	1.99	3.28	2.00	1.28
22-Nov-91	4.51	2.10	2.41	3.36	2.13	1.23
27-Jan-92	5.24	2.44	2.80	3.90	2.44	1.46
25-Feb-92	6.39	3.97	2.42	5.92	3.99	1.93
5-May-92	6.24	3.49	2.75	5.69	3.60	2.09
24-Aug-92	4.97	2.71	2.26	4.10	2.79	1.31
3-Dec-92	4.44	2.37	2.07	3.55	2.33	1.22
20-Jan-93	6.36	4.71	1.65	5.10	4.67	0.43
1-Mar-93	6.60	4.74	1.86	6.05	4.89	1.16
2-Jun-93	6.01	3.82	2.19	5.63	3.92	1.71
27-Sep-93	4.51	3.10	1.41	4.02	3.12	0.90
20-Dec-93	4.98	3.47	1.51	4.01	3.35	0.66
18-Mar-94	6.32	4.14	2.18	5.75	4.20	1.55
12-Jul-94	4.35	2.80	1.55	4.35	2.88	1.47
3-Aug-94	4.41	2.51	1.90	3.95	2.59	1.36
6-Sep-94	4.16	2.70	1.46	3.24	2.68	0.56
3-Oct-94	4.12	2.65	1.47	2.89	2.64	0.25
12-Oct-94	3.85	2.57	1.28	2.65	2.54	0.11
7-Nov-94	3.74	4.14	-0.40	3.26	3.99	-0.73
5-Dec-94	6.51	5.15	1.36	6.13	5.15	0.98
29-Dec-94	6.80	4.95	1.85	6.08	5.11	0.97
7-Feb-95	8.78	7.29	1.49	8.81	7.52	1.29
8-Mar-95	6.87	5.23	1.64	7.66	5.30	2.36
7-Apr-95	7.85	6.00	1.85	8.37	6.42	1.95
12-May-95	6.26	4.25	2.01	7.69	4.44	3.25
5-Jun-95	5.48	3.79	1.69	6.03	4.45	1.58
6-Jul-95	5.25	3.42	1.83	5.88	3.56	2.32
15-Aug-95	4.72	3.07	1.65	4.79	3.17	1.62
8-Sep-95	4.47	2.91	1.56	4.12	2.93	1.19
16-Oct-95	4.08	2.45	1.63	3.54	2.96	0.58
6-Nov-95	4.08	2.98	1.10	3.81	2.98	0.83
4-Dec-95	4.87	2.84	2.03	3.90	2.89	1.01
2-Jan-96	5.96	2.85	3.11	4.50	3.99	0.51
5-Feb-96	6.27	4.33	1.94	5.64	4.69	0.95
5-Mar-96	6.56	4.60	1.96	6.74	4.82	1.92
2-Apr-96	5.98	3.83	2.15	6.97	4.95	2.02
8-May-96	6.17	3.60	2.57	7.18	3.79	3.39
3-Jun-96	6.00	3.79	2.21	6.71	3.98	2.73

Notes:

1. All groundwater elevations are expressed in feet above mean sea level.

2. MW-3 mound height refers to the height of the groundwater mound at well MW-3 as compared to well MW-5. It is calculated as the difference in groundwater elevation between the two wells.

3. MW-2 mound height refers to the height of the groundwater mound at well MW-2 as compared to well MW-4. It is calculated as the difference in groundwater elevation between the two wells.

4. The Jan 2, 1996 groundwater elevation for MW-5 may reflect a measurement error. If so, the associated mound height measurement may actually be lower than that reported above.

Table 3
Former American National Can Company Facility
Oakland, California
Summary of Area 3 Product Thickness Measurements

	GW-1/GW-1R				GW-2/GW-2R				MW-2				MW-3				MW-4				MW-5			
	Prod. Depth	Water Depth	Prod. Thick.	G.W. Elev.	Prod. Depth	Water Depth	Prod. Thick.	G.W. Elev.	Prod. Depth	Water Depth	Prod. Thick.	G.W. Elev.	Prod. Depth	Water Depth	Prod. Thick.	G.W. Elev.	Prod. Depth	Water Depth	Prod. Thick.	G.W. Elev.	Prod. Depth	Water Depth	Prod. Thick.	G.W. Elev.
4/16/91	NP	10.96	0.00	4.39	NP	10.45	0.00	2.65	NP	8.95	0.00	5.91	NP	8.27	0.00	6.29	12.00	12.01	0.01	3.27	11.50	11.79	0.29	3.18
4/29/91	12.61	12.63	0.02	2.74	NP	10.54	0.00	2.56	9.73	9.74	0.01	5.13	8.67	8.68	0.01	5.89	NP	12.14	0.00	3.13	11.73	11.83	0.10	2.98
5/15/91	10.98	11.36	0.38	4.31	NP	10.75	0.00	2.35	NP	10.05	0.00	4.81	NP	8.74	0.00	5.82	NP	12.36	0.00	2.91	11.80	12.14	0.34	2.87
5/29/91	11.69	11.87	0.18	3.63	NP	10.91	0.00	2.19	NP	10.26	0.00	4.60	NP	9.09	0.00	5.47	NP	12.52	0.00	2.75	12.07	12.31	0.24	2.62
6/12/91	NP	13.18	0.00	2.17	NP	10.98	0.00	2.12	NP	10.44	0.00	4.42	NP	9.28	0.00	5.28	NP	12.61	0.00	2.66	12.18	12.21	0.03	2.54
6/27/91	NP	11.84	0.00	3.51	NP	11.01	0.00	2.09	NP	10.49	0.00	4.37	NP	9.24	0.00	5.32	NP	12.69	0.00	2.58	12.22	12.35	0.13	2.49
7/15/91	12.78	12.94	0.16	2.54	NP	11.06	0.00	2.04	NP	10.74	0.00	4.12	NP	9.53	0.00	5.03	NP	12.77	0.00	2.50	12.31	12.42	0.11	2.40
8/12/91	NP	13.44	0.00	1.91	NP	11.21	0.00	1.89	11.01	11.02	0.01	3.85	NP	9.91	0.00	4.65	NP	12.92	0.00	2.35	12.44	12.51	0.07	2.28
9/23/91	12.78	13.12	0.34	2.51	NP	11.29	0.00	1.81	11.30	11.31	0.01	3.56	NP	10.34	0.00	4.22	NP	13.08	0.00	2.19	12.58	12.63	0.05	2.14
10/21/91	12.92	13.01	0.09	2.41	NP	11.43	0.00	1.67	11.57	11.61	0.04	3.28	NP	10.59	0.00	3.97	NP	13.27	0.00	2.00	12.74	12.81	0.07	1.98
11/22/91	13.11	13.22	0.11	2.22	NP	11.31	0.00	1.79	11.50	11.51	0.01	3.36	NP	10.05	0.00	4.51	NP	13.14	0.00	2.13	12.63	12.62	-0.01	2.10
1/27/92	12.53	12.54	0.01	2.82	NP	10.01	0.00	3.09	NP	10.96	0.00	3.90	NP	9.32	0.00	5.24	NP	12.83	0.00	2.44	12.29	12.30	0.01	2.44
2/25/92	11.34	11.35	0.01	4.01	NP	9.45	0.00	3.65	NP	8.94	0.00	5.92	NP	8.17	0.00	6.39	NP	11.28	0.00	3.99	NP	10.76	0.00	3.97
5/5/92	10.81	10.82	0.01	4.54	10.15	10.16	0.01	2.95	NP	9.17	0.00	5.69	NP	8.32	0.00	6.24	NP	11.67	0.00	3.60	11.21	11.40	0.19	3.49
8/24/92	12.41	12.44	0.03	2.93	10.72	10.75	0.03	2.37	NP	10.76	0.00	4.10	NP	9.59	0.00	4.97	NP	12.48	0.00	2.79	11.96	12.30	0.34	2.71
12/3/92	13.1	13.12	0.02	2.25	10.9	10.91	0.01	2.20	11.29	11.40	0.11	3.55	NP	10.12	0.00	4.44	NP	12.94	0.00	2.33	12.26	12.85	0.59	2.37
1/20/93	11.59	11.61	0.02	3.76	8.69	8.73	0.04	4.40	NP	9.76	0.00	5.10	NP	8.20	0.00	6.36	NP	10.60	0.00	4.67	10.02	10.03	0.01	4.71
3/1/93	9.94	9.97	0.03	5.40	8.8	8.96	0.16	4.27	8.79	8.81	0.02	6.07	NP	7.96	0.00	6.60	NP	10.38	0.00	4.89	9.97	10.08	0.11	4.74
6/2/93	10.68	10.69	0.01	4.67	9.71	9.72	0.01	3.39	NP	9.23	0.00	5.63	NP	8.55	0.00	6.01	NP	11.35	0.00	3.92	10.85	11.18	0.33	3.82
9/27/93	12.67	12.67	0.00	2.68	10.36	10.36	0.00	2.74	10.83	10.86	0.03	4.02	10.05	10.06	0.01	4.51	NP	12.15	0.00	3.12	11.56	11.95	0.39	3.10
12/20/93	12.62	12.63	0.01	2.73	9.98	9.98	0.00	3.12	10.85	10.87	0.02	4.01	9.58	9.59	0.01	4.98	NP	11.92	0.00	3.35	11.23	11.39	0.16	3.47
3/18/94	12.06	12.07	0.01	3.29	9.59	9.59	0.00	3.51	NP	9.11	0.00	5.75	8.24	8.26	0.02	6.32	NP	11.07	0.00	4.20	10.59	10.60	0.01	4.14
7/12/94	NP	11.95	0.00	3.09	10.66	12.94	2.28	2.20	10.51	10.52	0.01	4.35	10.20	10.24	0.04	4.35	NP	12.39	0.00	2.88	11.87	12.25	0.38	2.80
8/3/94	--	--	--	--	11.10	11.69	0.59	2.05	--	--	--	--	--	--	--	--	--	--	--	--	12.14	12.26	0.12	2.57
8/5/94	--	--	--	--	11.12	11.62	0.50	2.05	10.87	10.97	0.10	3.97	10.24	10.26	0.02	4.32	--	--	--	--	12.17	12.28	0.11	2.54
8/8/94	NP	12.26	0.00	2.78	11.15	11.67	0.52	2.01	10.89	11.01	0.12	3.95	10.14	10.17	0.03	4.41	NP	12.68	0.00	2.59	12.21	12.29	0.08	2.51
8/11/94	--	--	--	--	11.15	11.64	0.49	2.02	11.36	11.42	0.06	3.49	10.23	10.25	0.02	4.33	--	--	--	--	12.20	12.28	0.08	2.52
8/12/94	--	--	--	--	11.19	11.57	0.38	2.00	11.45	11.55	0.10	3.39	10.18	10.19	0.01	4.38	--	--	--	--	12.22	12.25	0.03	2.50
8/17/94	--	--	--	--	11.17	11.48	0.31	2.03	11.71	11.80	0.09	3.13	10.19	10.21	0.02	4.37	--	--	--	--	NP	12.20	0.00	2.53
8/19/94	--	--	--	--	10.87	11.48	0.61	2.28	11.68	11.80	0.12	3.16	10.22	10.23	0.01	4.34	--	--	--	--	NP	12.24	0.00	2.49
8/22/94	NP	12.45	0.00	2.59	10.89	11.44	0.55	2.27	11.58	11.67	0.09	3.26	10.25	10.26	0.01	4.31	NP	12.53	0.00	2.74	NP	11.03	0.00	3.70
8/24/94	--	--	--	--	10.90	11.46	0.56	2.25	11.64	11.72	0.08	3.21	10.33	10.35	0.02	4.23	--	--	--	--	NP	12.13	0.00	2.60
8/26/94	--	--	--	--	11.55	11.98	0.43	1.63	11.64	11.72	0.08	3.21	NP	10.37	0.00	4.19	--	--	--	--	NP	12.11	0.00	2.62
8/29/94	NP	12.58	0.00	2.46	10.87	11.42	0.55	2.29	11.60	11.68	0.08	3.25	NP	10.31	0.00	4.25	NP	12.57	0.00	2.70	NP	12.13	0.00	2.60
8/31/94	--	--	--	--	10.93	11.46	0.53	2.23	11.65	11.73	0.08	3.20	NP	10.20	0.00	4.36	--	--	--	--	NP	12.15	0.00	2.58

Table 3
Former American National Can Company Facility
Oakland, California
Summary of Area 3 Product Thickness Measurements

	GW-1/GW-1R				GW-2/GW-2R				MW-2				MW-3				MW-4				MW-5			
	Prod. Depth	Water Depth	Prod. Thick.	G.W. Elev.	Prod. Depth	Water Depth	Prod. Thick.	G.W. Elev.	Prod. Depth	Water Depth	Prod. Thick.	G.W. Elev.	Prod. Depth	Water Depth	Prod. Thick.	G.W. Elev.	Prod. Depth	Water Depth	Prod. Thick.	G.W. Elev.	Prod. Depth	Water Depth	Prod. Thick.	G.W. Elev.
9/2/94	--	--	--	--	10.97	11.49	0.52	2.19	11.72	11.86	0.14	3.12	NP	10.37	0.00	4.19	--	--	--	--	NP	12.13	0.00	2.60
9/6/94	NP	12.62	0.00	2.42	10.88	11.43	0.55	2.28	11.60	11.70	0.10	3.24	NP	10.40	0.00	4.16	NP	12.59	0.00	2.68	NP	12.03	0.00	2.70
9/7/94	--	--	--	--	10.87	11.37	0.50	2.30	11.80	11.97	0.17	3.03	NP	10.38	0.00	4.18	--	--	--	--	NP	12.05	0.00	2.68
9/9/94	--	--	--	--	10.90	11.32	0.42	2.28	12.06	12.15	0.09	2.78	NP	10.42	0.00	4.14	--	--	--	--	NP	12.03	0.00	2.70
9/11/94	NP	12.60	0.00	2.44	10.88	11.28	0.40	2.30	11.72	11.80	0.08	3.13	NP	10.33	0.00	4.23	NP	12.54	0.00	2.73	NP	12.02	0.00	2.71
9/14/94	--	--	--	--	10.87	11.21	0.34	2.32	12.02	12.04	0.02	2.84	NP	10.48	0.00	4.08	--	--	--	--	NP	12.02	0.00	2.71
9/16/94	--	--	--	--	10.90	11.29	0.39	2.28	NP	11.60	0.00	3.26	NP	10.30	0.00	4.26	--	--	--	--	NP	12.02	0.00	2.71
9/19/94	NP	12.71	0.00	2.33	10.84	11.19	0.35	2.35	11.38	11.44	0.06	3.47	NP	10.45	0.00	4.11	NP	12.59	0.00	2.68	NP	12.06	0.00	2.67
9/21/94	--	--	--	--	10.95	11.24	0.29	2.25	11.72	11.81	0.09	3.12	NP	10.48	0.00	4.08	--	--	--	--	NP	12.04	0.00	2.69
9/23/94	--	--	--	--	10.98	11.26	0.28	2.22	11.89	12.04	0.15	2.94	NP	10.58	0.00	3.98	--	--	--	--	12.12	12.14	0.02	2.61
9/26/94	NP	12.73	0.00	2.31	11.01	11.38	0.37	2.18	11.89	11.94	0.05	2.96	NP	10.57	0.00	3.99	NP	12.68	0.00	2.59	12.15	12.18	0.03	2.57
9/28/94	--	--	--	--	11.05	11.32	0.27	2.15	11.95	12.05	0.10	2.89	NP	10.06	0.00	4.50	--	--	--	--	12.02	12.03	0.01	2.71
9/30/94	--	--	--	--	11.02	11.33	0.31	2.18	12.06	12.13	0.07	2.79	10.55	10.56	0.01	4.01	--	--	--	--	12.14	12.16	0.02	2.59
10/3/94	NP	12.65	0.00	2.39	10.91	11.23	0.32	2.29	11.95	12.07	0.12	2.89	10.44	10.46	0.02	4.12	NP	12.62	0.00	2.65	12.08	12.09	0.01	2.65
10/5/94	--	--	--	--	11.02	11.29	0.27	2.18	12.15	12.28	0.13	2.69	10.81	10.82	0.01	3.75	--	--	--	--	12.20	12.22	0.02	2.53
10/7/94	--	--	--	--	11.05	11.35	0.30	2.15	12.23	12.34	0.11	2.61	10.87	10.90	0.01	3.68	--	--	--	--	12.19	12.24	0.05	2.53
10/10/94	NP	12.80	0.00	2.24	10.98	11.30	0.32	2.22	12.05	12.18	0.13	2.79	10.72	10.73	0.01	3.84	NP	12.69	0.00	2.58	12.15	12.17	0.02	2.58
10/12/94	NP	12.85	0.00	2.19	10.98	11.28	0.30	2.22	12.19	12.30	0.11	2.65	10.71	10.73	0.02	3.85	NP	12.73	0.00	2.54	12.16	12.18	0.02	2.57
10/14/94	--	--	--	--	11.03	11.27	0.24	2.18	12.27	12.38	0.11	2.57	NP	10.57	0.00	3.99	--	--	--	--	11.05	11.07	0.02	3.68
10/17/94	NP	12.96	0.00	2.08	11.18	11.51	0.33	2.01	12.07	12.18	0.11	2.77	10.88	10.89	0.01	3.68	NP	12.84	0.00	2.43	12.27	12.29	0.02	2.46
10/19/94	--	--	--	--	11.24	11.53	0.29	1.96	12.16	12.27	0.11	2.68	10.86	10.87	0.01	3.70	--	--	--	--	12.32	12.34	0.02	2.41
10/21/94	--	--	--	--	11.28	11.53	0.25	1.93	12.21	12.29	0.08	2.64	10.92	10.94	0.02	3.64	--	--	--	--	12.35	12.38	0.03	2.37
10/24/94	NP	13.68	0.00	1.36	11.48	11.67	0.19	1.74	12.11	12.21	0.10	2.73	10.95	10.97	0.02	3.61	NP	13.09	0.00	2.18	12.41	12.43	0.02	2.32
10/26/94	--	--	--	--	11.37	11.58	0.21	1.84	12.07	12.16	0.09	2.77	10.95	10.97	0.02	3.61	--	--	--	--	12.43	12.50	0.07	2.29
10/28/94	--	--	--	--	11.36	11.66	0.30	1.84	11.90	11.96	0.06	2.95	10.86	10.89	0.03	3.69	--	--	--	--	12.44	12.49	0.05	2.28
10/31/94	NP	13.06	0.00	1.98	11.43	11.88	0.45	1.74	11.85	11.91	0.06	3.00	10.99	11.01	0.02	3.57	NP	13.02	0.00	2.25	12.52	12.54	0.02	2.21
11/2/94	--	--	--	--	11.46	11.83	0.37	1.73	12.02	12.11	0.09	2.82	10.97	10.99	0.02	3.59	--	--	--	--	12.57	12.59	0.02	2.16
11/4/94	--	--	--	--	11.71	12.06	0.35	1.48	12.22	12.30	0.08	2.63	11.14	11.16	0.02	3.42	--	--	--	--	12.78	12.80	0.02	1.95
11/7/94	NP	11.91	0.00	3.13	9.72	9.85	0.13	3.51	11.59	11.63	0.04	3.26	10.82	10.84	0.02	3.74	NP	11.28	0.00	3.99	NP	10.59	0.00	4.14
11/11/94	--	--	--	--	9.05	9.14	0.09	4.18	NP	10.31	0.00	4.55	10.01	10.02	0.01	4.55	--	--	--	--	NP	9.97	0.00	4.76
11/14/94	NP	11.31	0.00	3.73	9.16	9.34	0.18	4.06	NP	9.95	0.00	4.91	9.87	9.88	0.01	4.69	NP	11.60	0.00	3.67	NP	10.02	0.00	4.71
11/16/94	--	--	--	--	9.05	9.21	0.16	4.17	NP	9.52	0.00	5.34	NP	9.46	0.00	5.10	--	--	--	--	NP	9.92	0.00	4.81
11/18/94	--	--	--	--	8.96	9.17	0.21	4.25	NP	9.35	0.00	5.51	NP	9.15	0.00	5.41	--	--	--	--	NP	9.83	0.00	4.90
11/21/94	NP	10.72	0.00	4.32	8.87	8.96	0.09	4.36	NP	9.20	0.00	5.66	NP	8.84	0.00	5.72	NP	10.38	0.00	4.89	NP	9.81	0.00	4.92
11/23/94	--	--	--	--	8.94	9.07	0.13	4.29	NP	9.14	0.00	5.72	NP	8.72	0.00	5.84	--	--	--	--	NP	9.78	0.00	4.95

Table 3
Former American National Can Company Facility
Oakland, California
Summary of Area 3 Product Thickness Measurements

	GW-1/GW-1R				GW-2/GW-2R				MW-2				MW-3				MW-4				MW-5			
	Prod. Depth	Water Depth	Prod. Thick.	G.W. Elev.	Prod. Depth	Water Depth	Prod. Thick.	G.W. Elev.	Prod. Depth	Water Depth	Prod. Thick.	G.W. Elev.	Prod. Depth	Water Depth	Prod. Thick.	G.W. Elev.	Prod. Depth	Water Depth	Prod. Thick.	G.W. Elev.	Prod. Depth	Water Depth	Prod. Thick.	G.W. Elev.
11/28/94	NP	10.47	0.00	4.57	8.66	8.84	0.18	4.56	NP	8.93	0.00	5.93	NP	8.38	0.00	6.18	NP	10.20	0.00	5.07	NP	9.55	0.00	5.18
12/2/94	--	--	--	--	8.82	8.91	0.09	4.41	NP	8.72	0.00	6.14	NP	8.10	0.00	6.46	--	--	--	--	NP	9.65	0.00	5.08
12/5/94	NP	10.24	0.00	4.80	8.75	8.82	0.07	4.49	NP	8.73	0.00	6.13	NP	8.05	0.00	6.51	NP	10.12	0.00	5.15	NP	9.58	0.00	5.15
12/29/94	NP	10.19	0.00	4.85	9.00	9.14	0.14	4.23	NP	8.78	0.00	6.08	NP	7.76	0.00	6.80	NP	10.16	0.00	5.11	NP	9.78	0.00	4.95
1/4/95	--	--	--	--	8.79	8.87	0.08	4.45	8.44	8.45	0.01	6.42	7.29	7.30	0.01	7.27	--	--	--	--	9.59	9.60	0.01	5.14
2/7/95	NP	7.34	0.00	7.70	6.85	7.00	0.15	6.37	6.05	6.06	0.01	8.81	NP	5.78	0.00	8.78	NP	7.75	0.00	7.52	7.44	7.45	0.01	7.29
3/8/95	NP	8.40	0.00	6.64	8.64	8.72	0.08	4.60	7.20	7.215	0.01	7.66	7.69	7.70	0.01	6.87	NP	9.97	0.00	5.30	9.50	9.52	0.02	5.23
4/7/95	NP	7.24	0.00	7.80	8.05	8.21	0.16	5.17	6.49	6.50	0.01	8.37	6.72	6.74	0.02	7.84	NP	8.85	0.00	6.42	8.72	8.79	0.07	6.00
5/12/95	--	--	--	--	9.61	9.75	0.14	3.62	7.17	7.18	0.01	7.69	8.30	8.32	0.02	6.26	NP	10.83	0.00	4.44	NP	10.49	0.00	4.24
6/5/95	NP	9.71	0.00	5.33	10.04	10.15	0.11	3.19	8.83	8.84	0.01	6.03	9.08	9.10	0.02	5.48	NP	10.82	0.00	4.45	10.91	11.07	0.16	3.79
7/6/95	NP	10.50	0.00	4.54	10.39	10.45	0.06	2.85	8.98	9.00	0.02	5.88	9.30	9.34	0.04	5.25	NP	11.71	0.00	3.56	11.31	11.33	0.02	3.42
8/15/95	NP	11.56	0.00	3.48	10.67	10.87	0.20	2.55	10.06	10.13	0.07	4.79	NP	9.84	0.00	4.72	NP	12.10	0.00	3.17	11.65	11.70	0.05	3.07
9/8/95	NP	11.98	0.00	3.06	10.78	11.05	0.27	2.42	10.73	10.80	0.07	4.12	10.09	10.10	0.01	4.47	NP	12.34	0.00	2.93	11.81	11.84	0.03	2.91
10/16/95	NP	12.45	0.00	2.59	10.70	11.33	0.63	2.44	11.30	11.41	0.11	3.54	10.47	10.52	0.05	4.08	NP	12.31	0.00	2.96	12.28	12.28	0.00	2.45
11/6/95	NP	14.63	0.00	2.73	13.23	13.99	0.76	2.45	12.54	12.61	0.07	3.81	12.16	12.20	0.04	4.08	NP	13.06	0.00	2.98	11.79	11.82	0.03	2.98
12/4/95	NP	14.45	0.00	2.91	13.42	14.10	0.68	2.27	12.45	12.50	0.05	3.90	11.38	11.38	0.01	4.87	NP	13.15	0.00	2.89	11.92	12.02	0.10	2.84
1/2/96	NP	13.35	0.00	4.01	12.31	12.69	0.38	3.44	11.86	11.87	0.01	4.50	10.29	10.29	0.00	5.96	NP	12.05	0.00	3.99	11.93	11.93	0.00	2.85
2/5/96	12.34	12.34	0.00	5.02	11.54	11.90	0.36	4.21	10.72	10.73	0.01	5.64	9.98	9.99	0.01	6.27	11.35	11.36	0.01	4.69	10.45	10.45	0.00	4.33
3/5/96	11.12	11.125	0.005	6.24	11.68	12.04	0.36	4.07	9.60	9.71	0.11	6.74	9.69	9.71	0.02	6.56	11.22	11.225	0.005	4.82	10.18	10.185	0.005	4.60
4/2/96	11.09	11.09	0.005	6.27	12.59	13.02	0.43	3.15	9.38	9.41	0.03	6.97	10.26	10.29	0.03	5.98	sheen	11.09	<.01	4.95	10.94	10.99	0.05	3.83
5/8/96	NP	12.18	0.00	5.18	12.73	13.09	0.36	3.02	NP	9.18	0.00	7.18	10.08	10.10	0.02	6.17	NP	12.25	0.00	3.79	11.18	11.20	0.02	3.60
6/3/96	NP	12.060	0.00	5.30	12.67	12.95	0.28	3.09	9.65	9.66	0.01	6.71	10.25	10.26	0.01	6.00	NP	12.060	0.00	3.98	10.98	11.020	0.04	3.79

Notes:

1. All thicknesses are expressed in feet.
2. -- Indicates that no measurement was taken.
3. NP Indicates no product present.
4. The January 2, 1996 groundwater elevation for MW-5 may represent a measurement error. If so, the associated mound height may be different than that reported above.

TABLE 4
AMERICAN NATIONAL CAN COMPANY
FORMER OAKLAND, CALIFORNIA, FACILITY

Summary of Quarterly Ground Water Analytical Results - Area 2

ANALYSIS	6-Oct-95			3-Jan-96			4-Apr-96		
	MW-13	TW-1R	SRMP-1	MW-13	TW-1R	SRMP-1	MW-13	TW-1R	SRMP-1
TPH as Gasoline (EPA Method 8015 Mod)(ug/l)	nd	--	--	--	--	--	--	--	--
BTEX (EPA Method 8020)(ug/l)									
Benzene	nd	nd	nd	nd	nd	nd	nd	nd	nd
Toluene	nd	nd	nd	nd	nd	nd	nd	nd	nd
Ethylbenzene	nd	nd	nd	nd	nd	nd	nd	nd	nd
Total Xylenes	nd	nd	nd	nd	**0.62**	nd	nd	nd	nd
TPH as Diesel (EPA Method 8015 Mod)(ug/l)	**340**	**1100**	**87**	**390**	**1800**	**150**	**200**	**610**	**150**
Metals (Unfiltered) (EPA Method 6010)(mg/l)									
Lead	**3.8**	nd	nd	--	--	--	--	--	--
Zinc	**16**	**0.79**	**0.081**	--	--	--	--	--	--
Lead (re-sampled)	**0.88**	--	--	--	--	--	--	--	--
Zinc (re-sampled)	**11**	--	--	--	--	--	--	--	--
Metals (Filtered) (EPA Method 6010)(mg/l)									
Lead	nd	--	--	nd	nd	nd	nd	nd	nd
Zinc	**3.3**	--	--	**5.1**	nd	**0.019**	**4.8**	nd	nd

NOTES:

- -: Indicates compound was not analyzed for.

nd: Indicates compound was not detected at the instrument detection limit.

TABLE 5
AMERICAN NATIONAL CAN COMPANY
FORMER OAKLAND, CALIFORNIA, FACILITY

Summary of Quarterly Ground Water Analytical Results - Area 3

ANALYSIS	6-Oct-95					3-Jan-96					4/4-5/1996								
	MW-1R	MW-4	MW-6	MW-7	GW-1R	MW-1R	MW-4	MW-6	MW-7	GW-1R	MW-1R	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	GW-1R	GW-2R
Volatile Organics (EPA Method 8240)(ug/l)																			
Dilution Factor	1.0	2.5	1.0	1.0	5.0	1.0	1.0	1.0	1.0	1.0	1.0	--	--	--	--	1.0	1.0	--	--
Acetone	nd	nd	nd	nd	nd	nd	nd	nd	nd	52	nd	--	--	--	--	nd	nd	--	--
Benzene	21	220	nd	nd	330	5.3	180	nd	nd	330	7.2	--	--	--	--	nd	nd	--	--
Chlorobenzene	50	32	nd	nd	nd	22	31	nd	nd	nd	24	--	--	--	--	nd	nd	--	--
Chloroethane	nd	nd	nd	nd	nd	nd	7.5	nd	nd	6.1	nd	--	--	--	--	nd	nd	--	--
1,1-Dichloroethane	3.4	nd	5.6	nd	nd	5.6	nd	18	nd	nd	5.2	--	--	--	--	14	nd	--	--
1,2-Dichloroethane	nd	nd	nd	nd	nd	9.4	nd	nd	nd	nd	12	--	--	--	--	nd	nd	--	--
cis-1,2-Dichloroethene	5.4	nd	nd	nd	180	5.5	nd	nd	nd	100	5.5	--	--	--	--	nd	nd	--	--
trans-1,2-Dichloroethene	nd	nd	nd	nd	14	nd	nd	nd	nd	7.7	nd	--	--	--	--	nd	nd	--	--
Ethylbenzene	nd	8.2	nd	nd	67	nd	5.8	nd	nd	43	nd	--	--	--	--	nd	nd	--	--
2-Hexanone	nd	nd	nd	nd	nd	nd	nd	nd	nd	29	nd	--	--	--	--	nd	nd	--	--
Toluene	nd	6.8	nd	nd	150	nd	6.3	nd	nd	110	nd	--	--	--	--	nd	nd	--	--
1,1,1-Trichloroethane	nd	nd	nd	nd	nd	nd	nd	2.5	nd	nd	nd	--	--	--	--	nd	nd	--	--
Vinyl Chloride	2.5	nd	nd	nd	640	2.8	nd	nd	nd	460	5.9	--	--	--	--	nd	nd	--	--
Total Xylenes	4.4	21	nd	nd	270	nd	20	nd	nd	190	3.5	--	--	--	--	nd	nd	--	--
Total VOCs	86.7	288.0	5.6	nd	1651	50.6	250.6	20.5	nd	1276	63.3	--	--	--	--	14.0	nd	--	--
TPH as gasoline (EPA Method 8015 Mod)(ug/l)	240	1400	nd	nd	2900	210	2000	nd	nd	3500	360	--	--	--	--	nd	nd	--	--
TPH as mineral spirits (EPA Method 8015 Mod)(ug/l)	520	--	--	--	--	460	--	--	--	--	570	16000	1300	5200	7600	nd	190	18000	14000
TPH as diesel (EPA Method 8015 Mod)(ug/l)	2700	23000	180	500	16000	1800	15000	140	530	43000	1800	--	--	--	--	200	1200	--	--
Semi-Volatile Organics (EPA Method 8270)(ug/l)																			
Dilution Factor	1.0	10.0	1.0	1.0	20.0	1.0	1.0	1.0	1.0	1.0	1.0	--	--	--	--	1.0	1.0	--	--
Bis(2-chloroethyl)ether	5.8	nd	nd	nd	nd	nd	10.0	nd	nd	nd	nd	--	--	--	--	nd	nd	--	--
1,2-Dichlorobenzene	17.0	nd	nd	nd	nd	9.6	17.0	nd	nd	nd	20.0	--	--	--	--	nd	nd	--	--
1,4-Dichlorobenzene	14.0	nd	nd	nd	nd	9.9	9.4	nd	nd	nd	19.0	--	--	--	--	nd	nd	--	--
2,4-Dimethylphenol	nd	nd	nd	nd	1800	nd	nd	nd	nd	1900	nd	--	--	--	--	nd	nd	--	--
2-Methlynaphthalene	8.3	nd	nd	nd	nd	nd	21.0	nd	nd	nd	nd	--	--	--	--	nd	nd	--	--
2-Methylphenol	nd	nd	nd	nd	nd	nd	nd	nd	nd	64	nd	--	--	--	--	nd	nd	--	--
Naphthalene	nd	nd	nd	nd	nd	nd	10.0	nd	nd	91	nd	--	--	--	--	nd	nd	--	--
PCBs (EPA Method 8080)(ug/l)	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	--	--	--	--	nd	nd	--	--

NOTES:

- -: Indicates compound was not analyzed for.
nd: Indicates compound was not detected at the instrument detection limit.

TABLE 6
AMERICAN NATIONAL CAN COMPANY
FORMER OAKLAND, CALIFORNIA, FACILITY

Summary of Quarterly Ground Water Analytical Results - Area 4

ANALYSIS	6-Oct-95			2-Jan-96			3-Apr-96		
	MW-9R	MW-14R	SRMP-3	MW-9R	MW-14R	SRMP-3	MW-9R	MW-14R	SRMP-3
TPH as Gasoline (EPA Method 8015 Mod)(ug/l)	nd	nd	nd	nd	nd	nd	nd	nd	nd
BTEX (EPA Method 8020)(ug/l)									
Benzene	nd	nd	nd	nd	nd	nd	nd	nd	nd
Toluene	nd	nd	nd	nd	nd	nd	nd	nd	nd
Ethylbenzene	nd	nd	nd	nd	nd	nd	nd	nd	nd
Total Xylenes	nd	nd	nd	nd	nd	nd	nd	nd	nd
TPH as Diesel (EPA Method 8015 Mod)(ug/l)	**60**	**76**	**130**	nd	nd	**130**	**92**	**89**	**280**

NOTES:

- -: Indicates compound was not analyzed for.

nd: Indicates compound was not detected at the instrument detection limit.

TABLE 7
AMERICAN NATIONAL CAN COMPANY
FORMER OAKLAND, CALIFORNIA, FACILITY

Summary of Quarterly Ground Water Analytical Results - RCRA Area

ANALYSIS	6-Oct-95 SRMP-4	3-Jan-96 SRMP-4	3-Apr-96 SRMP-4
Volatile Organics (EPA Method 8240)(ug/l)			
Dilution Factor	1.0	1.0	1.0
Tetrachloroethene	**6.2**	**5.1**	**5.1**
FUEL FINGERPRINT: MINERAL SPIRITS EPA Method 8015 Mod)(ug/l)	nd	nd	nd
TPH as Diesel EPA Method 8015 Mod)(ug/l)	nd	nd	**80**
Metals (Unfiltered) (EPA Method 6010)(mg/l)			
Lead	nd	nd	nd
Zinc	**0.13**	**0.011**	**0.013**

NOTES:

- -: Indicates compound was not analyzed for.

nd: Indicates compound was not detected at the instrument detection limit.

TABLE 8
AMERICAN NATIONAL CAN COMPANY
FORMER OAKLAND, CALIFORNIA, FACILITY

Summary of Quarterly Ground Water Analytical Results

Former Acetone UST Area

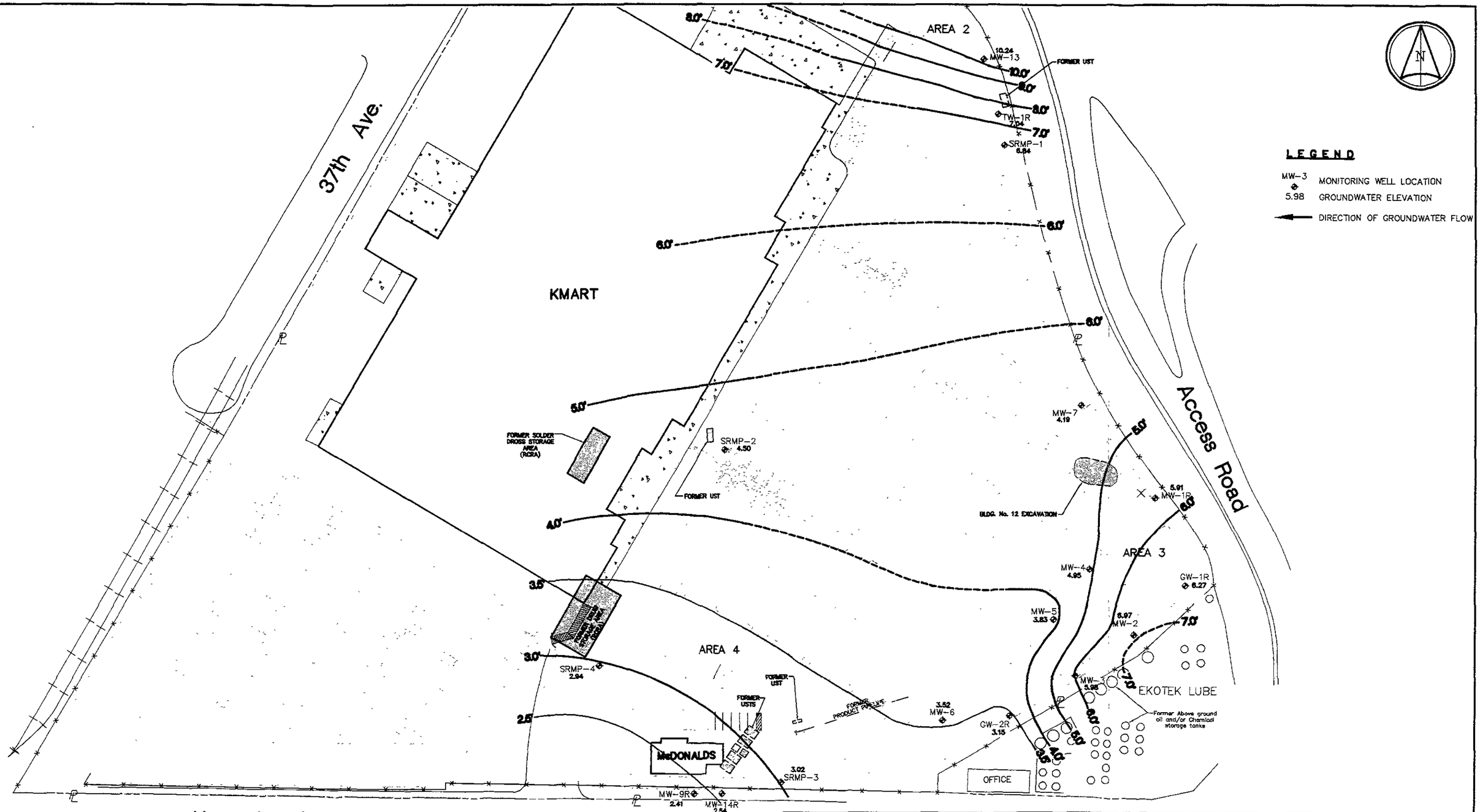
ANALYSIS	6-Oct-95 SRMP-2	3-Jan-96 SRMP-2	3-Apr-96 SRMP-2
Volatile Organics (EPA Method 8240)(ug/l)			
Dilution Factor	1.0	1.0	1.0
Acetone	**51**	**75**	nd
2-Butanone	nd	**14**	nd

NOTES:

- -: Indicates compound was not analyzed for.

nd: Indicates compound was not detected at the instrument detection limit.

FIGURES



RUST ENVIRONMENT & INFRASTRUCTURE

GROUNDWATER ELEVATION CONTOUR MAP 4/2/96

AMERICAN NATIONAL CAN COMPANY
FORMER OAKLAND PLANT

PROJECT NO.	DATE	DWG. NO.	SCALE	FIGURE NO.
35195.700	4/26/96	M8985_27	1"=100'	1

Former American National Can Company Facility
Oakland, California

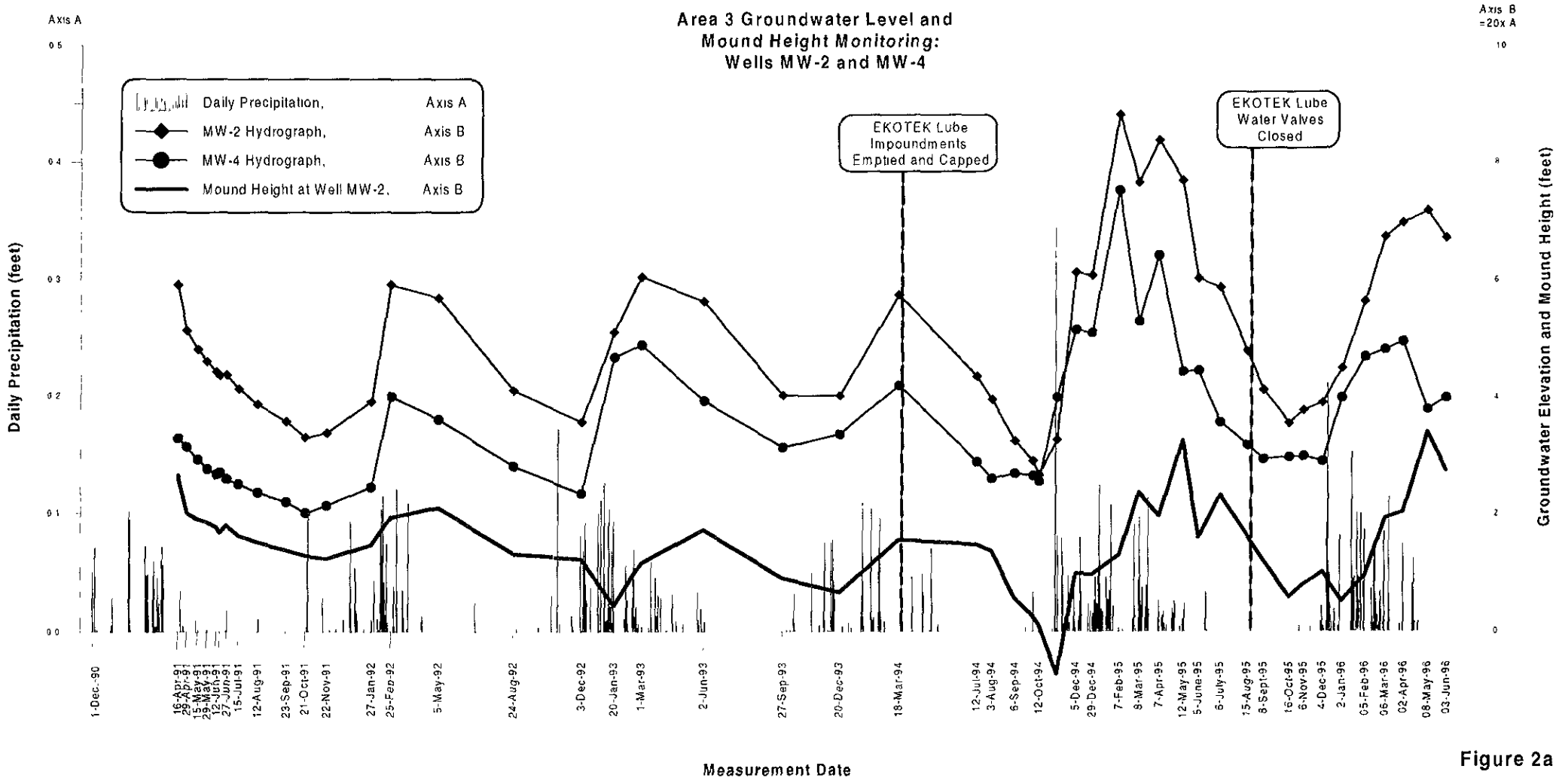
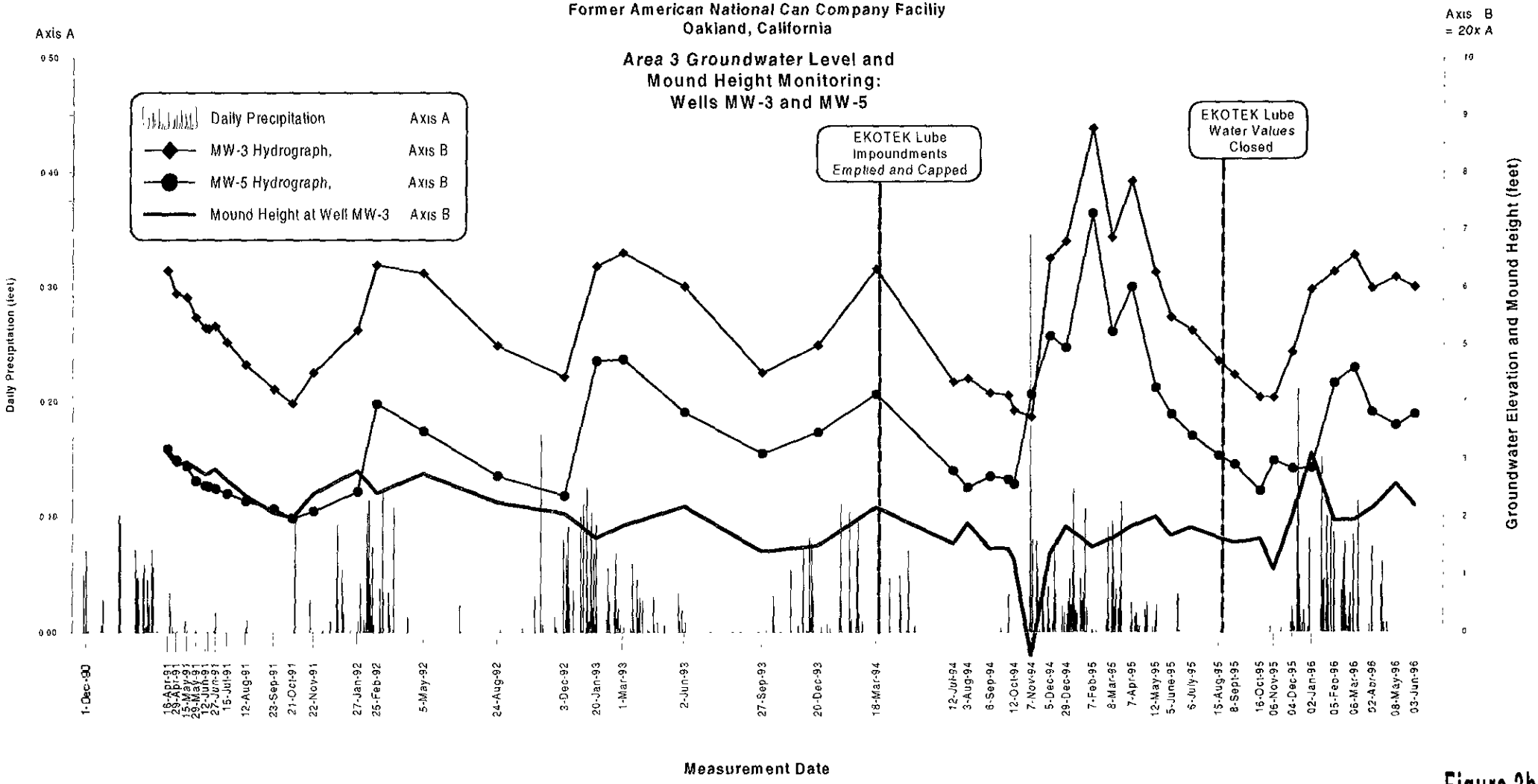


Figure 2a

Former American National Can Company Facility
Oakland, California

Area 3 Groundwater Level and Mound Height Monitoring: Wells MW-3 and MW-5



Measurement Date

Figure 2b

Former American National Can Company Facility
Oakland, California

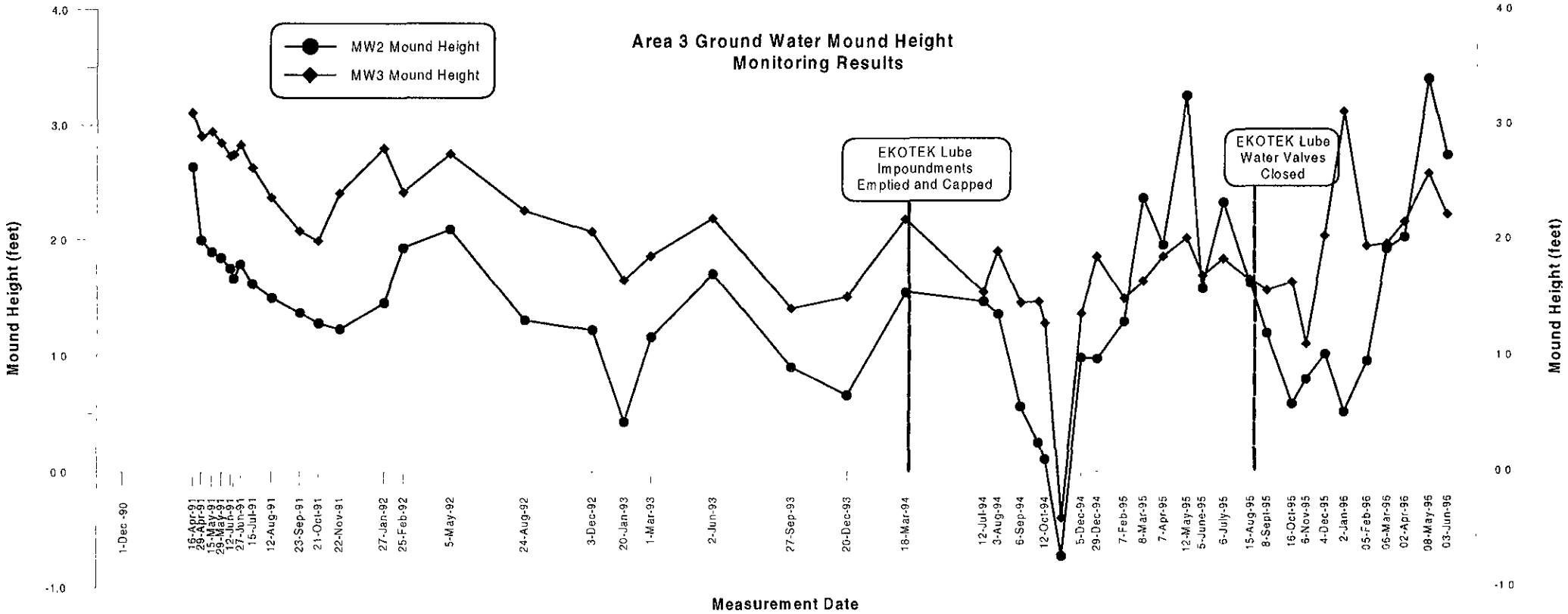


Figure 3

Former American National Can Company Facility
Oakland, California

Area 3 Product Monitoring Results:
Well GW-2R

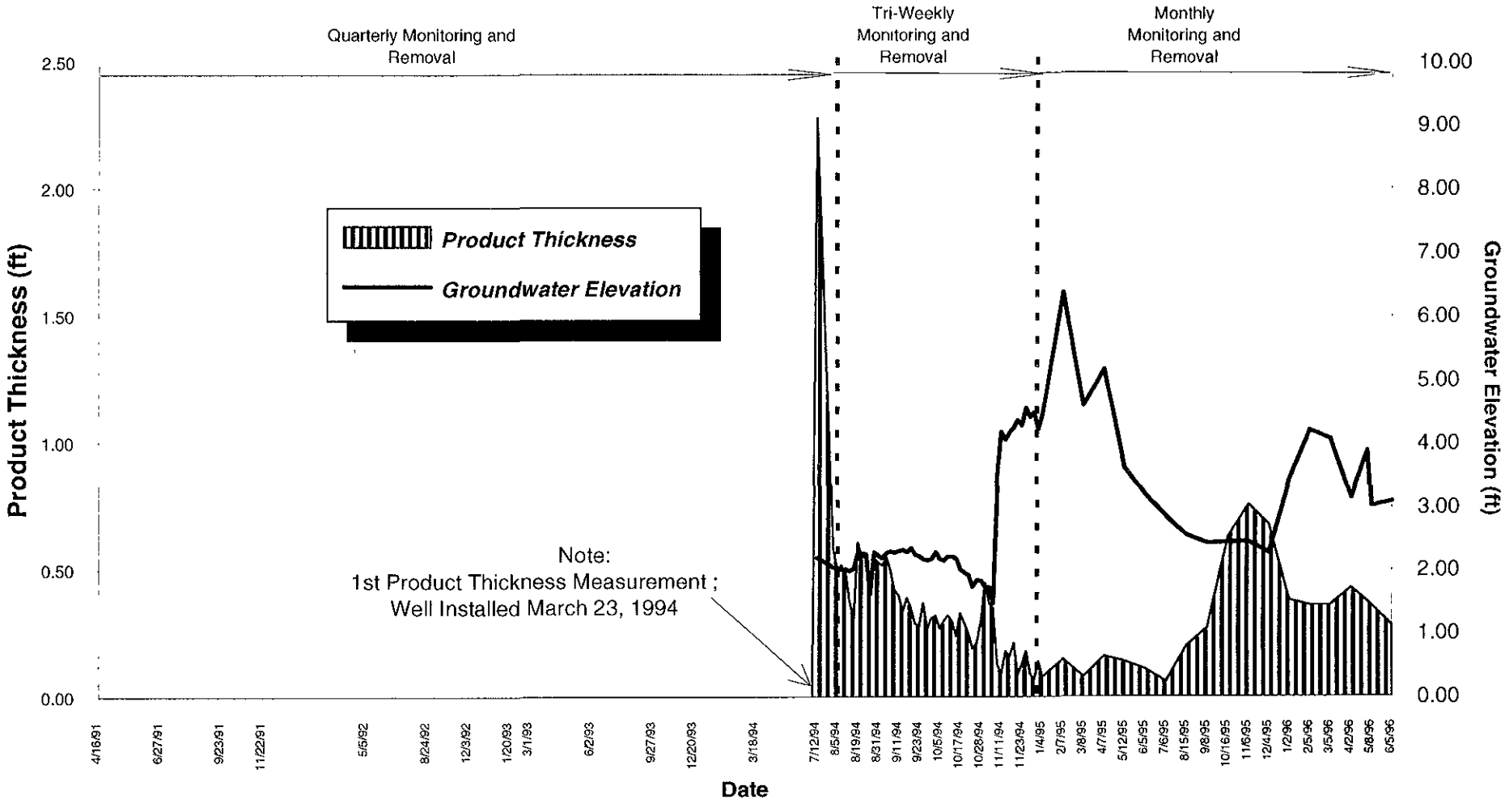


Figure 4a

Former American National Can Company Facility
Oakland, California

Area 3 Product Monitoring Results:
Well MW-2

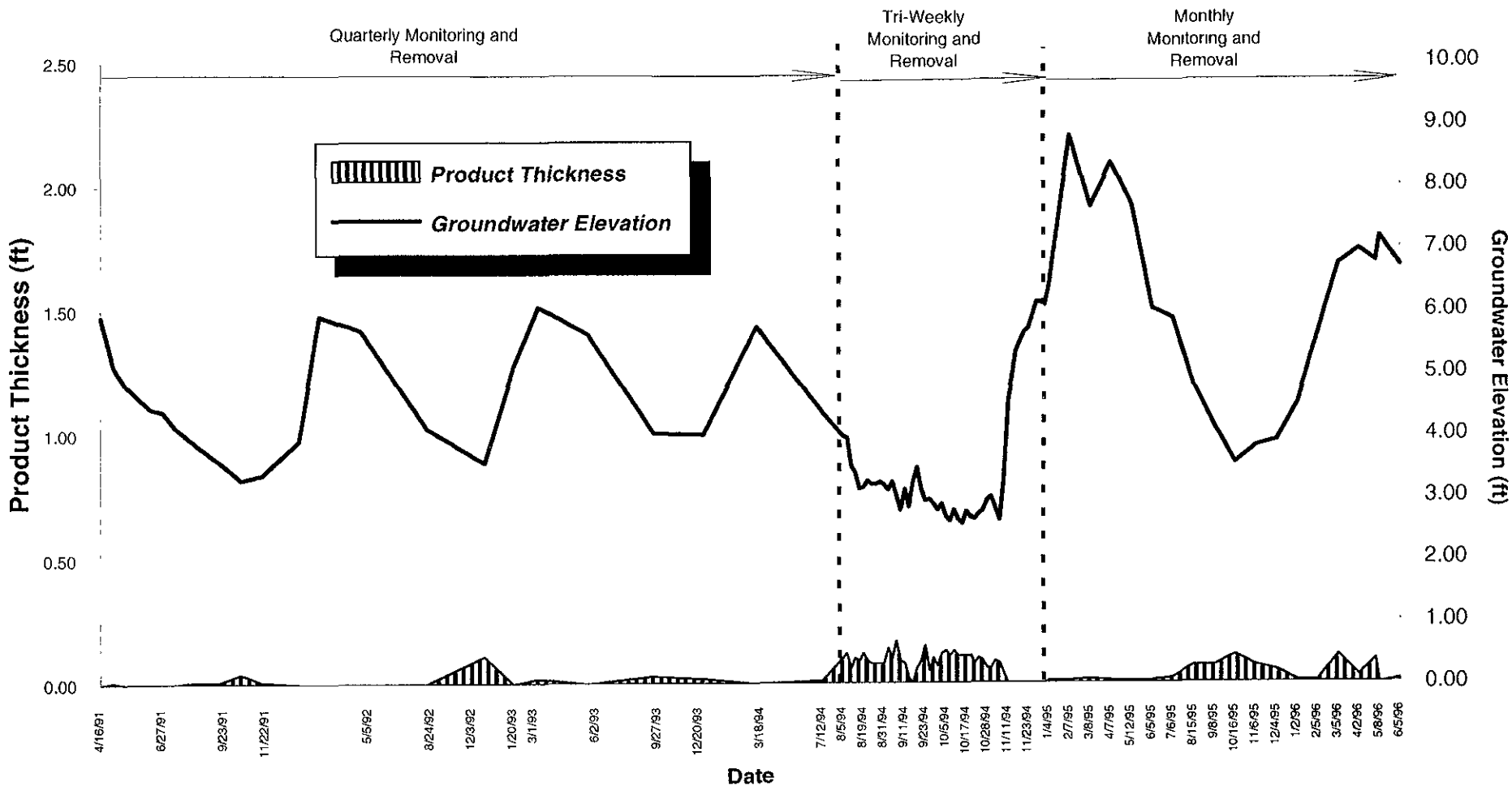


Figure 4b

Former American National Can Company Facility
Oakland, California

Area 3 Product Monitoring Results:
Well MW-5

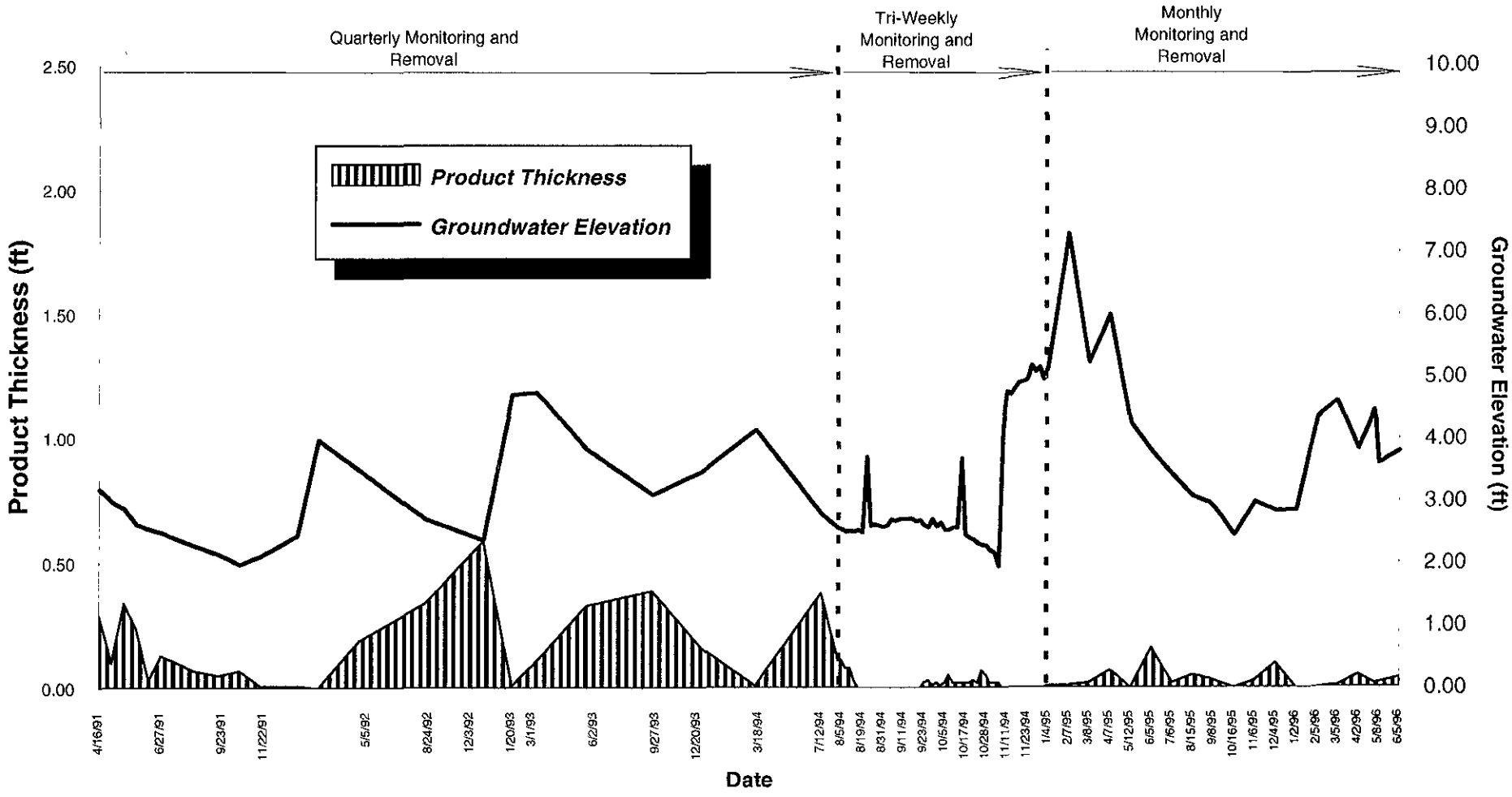


Figure 4c

LABORATORY ANALYTICAL REPORT

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

RUST E&I

APR 29 1996

Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP

Lab Proj. ID: 9604572

Sampled: 04/04/96
Received: 04/04/96
Analyzed: see below

Reported: 04/23/96

LABORATORY ANALYSIS

Analyte	Units	Date Analyzed	Detection Limit	Sample Results
Lab No: 9604572-01				
Sample Desc : **LIQUID,TW-1R**				
Lead	mg/L	04/12/96	0.0050	N.D.
Zinc	mg/L	04/14/96	0.010	N.D.
Lab No: 9604572-02				
Sample Desc : **LIQUID,SRMP-1**				
Lead	mg/L	04/12/96	0.0050	N.D.
Zinc	mg/L	04/14/96	0.010	N.D.
Lab No: 9604572-03				
Sample Desc : **LIQUID,MW-13**				
Lead	mg/L	04/12/96	0.0050	N.D.
Zinc	**mg/L**	**04/14/96**	**0.010**	**4.8**

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

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819 Striker Avenue, Suite 8, Sacramento CA 95834, (916) 921-9600, FAX (916) 921-0100

Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP
Sample Descript: TW-1R
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9604572-01

Sampled: 04/04/96
Received: 04/04/96
Extracted: 04/16/96
Analyzed: 04/19/96
Reported: 04/23/96

QC Batch Number: GC0416960HBPEXA
Instrument ID: GCHP4A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	50	610
Chromatogram Pattern: **Unidentified HC**		C9-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	123

Analytes reported as N.D. were not present above the stated limit of detection

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP
Sample Descript: TW-1R
Matrix: LIQUID
Analysis Method: EPA 8020
Lab Number: 9604572-01

Sampled: 04/04/96
Received: 04/04/96

Analyzed: 04/12/96
Reported: 04/23/96

QC Batch Number: GC041296BTEX17A
Instrument ID: GCHP17

BTEX Distinction

Analyte	Detection Limit ug/L	Sample Results ug/L
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	96

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP
Sample Descript: SRMP-1
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9604572-02

Sampled: 04/04/96
Received: 04/04/96
Extracted: 04/16/96
Analyzed: 04/17/96
Reported: 04/23/96

QC Batch Number: GC0416960HBPEXA
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	50	150
Chromatogram Pattern: **Unidentified HC**		C12-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	105

Analytes reported as N.D. were not present above the stated limit of detection

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP
Sample Descript: SRMP-1
Matrix: LIQUID
Analysis Method: EPA 8020
Lab Number: 9604572-02

Sampled: 04/04/96
Received: 04/04/96

Analyzed: 04/12/96
Reported: 04/23/96

QC Batch Number: GC041296BTEX17A
Instrument ID: GCHP17

BTEX Distinction

Analyte	Detection Limit ug/L	Sample Results ug/L
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	95

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP
Sample Descript: MW-13
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9604572-03

Sampled: 04/04/96
Received: 04/04/96
Extracted: 04/16/96
Analyzed: 04/17/96
Reported: 04/23/96

QC Batch Number: GC0416960HBPEXA
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	50	200
Chromatogram Pattern: **Unidentified HC**		C9-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	110

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP
Sample Descript: MW-13
Matrix: LIQUID
Analysis Method: EPA 8020
Lab Number: 9604572-03

Sampled: 04/04/96
Received: 04/04/96

Analyzed: 04/12/96
Reported: 04/23/96

QC Batch Number: GC041296BTEX17A
Instrument ID: GCHP17

BTEX Distinction

Analyte	Detection Limit ug/L	Sample Results ug/L
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	97

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

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Rust E & I
695 River Oaks Parkway
San Jose, CA 95134
Attention: Dick Burzinski

Client Project ID: 35195.700 / ANC-SRMP
Matrix: Liquid
Work Order #: 9604572 01-03
Reported: Apr 24, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Beryllium	Cadmium	Chromium	Nickel	Lead
QC Batch#:	ME0412966010MDA	ME0412966010MDA	ME0412966010MDA	ME0412966010MDA	ME0412967000MDA
Analy. Method:	EPA 6010	EPA 6010	EPA 6010	EPA 6010	EPA 239.2
Prep. Method:	EPA 3010	EPA 3010	EPA 3010	EPA 3010	EPA 3020
Analyst:	S. O'Donnell	S. O'Donnell	S. O'Donnell	S. O'Donnell	W. Thant
MS/MSD #:	960457203	960457203	960457203	960457203	960457203
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.
Prepared Date:	4/12/96	4/12/96	4/12/96	4/12/96	4/12/96
Analyzed Date:	4/14/96	4/14/96	4/14/96	4/14/96	4/12/96
Instrument I.D.#:	MTJA2	MTJA2	MTJA2	MTJA2	MTJA3
Conc. Spiked:	1.0 mg/L	1.0 mg/L	1.0 mg/L	1.0 mg/L	0.050 mg/L
Result:	1.0	1.0	0.99	1.0	0.035
MS % Recovery:	100	100	99	100	70
Dup. Result:	0.99	1.0	0.97	1.0	0.035
MSD % Recov.:	99	100	97	100	70
RPD:	1.0	0.0	2.0	0.0	0.0
RPD Limit:	0-30	0-30	0-30	0-30	0-30
LCS #:	BLK041296	BLK041296	BLK041296	BLK041296	BLK041296
Prepared Date:	4/12/96	4/12/96	4/12/96	4/12/96	4/12/96
Analyzed Date:	4/14/96	4/14/96	4/14/96	4/14/96	4/12/96
Instrument I.D.#:	MTJA2	MTJA2	MTJA2	MTJA2	MTJA3
Conc. Spiked:	1.0 mg/L	1.0 mg/L	1.0 mg/L	1.0 mg/L	0.050 mg/L
LCS Result:	1.0	1.1	1.0	1.0	0.051
LCS % Recov.:	100	110	100	100	102
MS/MSD LCS Control Limits	75-125	75-125	75-125	75-125	75-125

SEQUOIA ANALYTICAL

Todd Olive
Project Manager

Please Note:
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

Sequoia Analytical

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Rust E & I
695 River Oaks Parkway
San Jose, CA 95134
Attention: Dick Burzinski

Client Project ID: 35195.700 / ANC-SRMP
Matrix: Liquid
Work Order #: 9604572 01-03

Reported: Apr 24, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Diesel
QC Batch#:	GC0416960HBPEXA
Analy. Method:	EPA 8015M
Prep. Method:	EPA 3510
Analyst:	J. Minkel
MS/MSD #:	960457201
Sample Conc.:	150
Prepared Date:	4/16/96
Analyzed Date:	4/17/96
Instrument I.D.#:	GCHP5A
Conc. Spiked:	1000 µg/L
Result:	990
MS % Recovery:	84
Dup. Result:	980
MSD % Recov.:	83
RPD:	1.0
RPD Limit:	0-50

LCS #:	BLK041696
Prepared Date:	4/16/96
Analyzed Date:	4/17/96
Instrument I.D.#:	GCHP5A
Conc. Spiked:	1000 µg/L
LCS Result:	1000
LCS % Recov.:	100

MS/MSD LCS Control Limits	50-150

SEQUOIA ANALYTICAL

Todd Olive
Project Manager

Please Note:
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

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Rust E & I
695 River Oaks Parkway
San Jose, CA 95134
Attention: Dick Burzinski

Client Project ID: 35195.700 / ANC-SRMP
Matrix: Liquid
Work Order #: 9605572 01-03

Reported: Apr 24, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC041296BTEX17A	GC041296BTEX17A	GC041296BTEX17A	GC041296BTEX17A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	J. Woo	J. Woo	J. Woo	J. Woo
MS/MSD #:	9603J3407	9603J3407	9603J3407	9603J3407
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	4/12/96	4/12/96	4/12/96	4/12/96
Analyzed Date:	4/12/96	4/12/96	4/12/96	4/12/96
Instrument I.D.#:	GCHP17	GCHP17	GCHP17	GCHP17
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	9.9	9.9	9.9	30
MS % Recovery:	99	99	99	100
Dup. Result:	9.6	9.6	9.6	28
MSD % Recov.:	96	96	96	93
RPD:	3.1	3.1	3.1	6.9
RPD Limit:	0-50	0-50	0-50	0-50
LCS #:	BLK041296	BLK041296	BLK041296	BLK041296
Prepared Date:	4/12/96	4/12/96	4/12/96	4/12/96
Analyzed Date:	4/12/96	4/12/96	4/12/96	4/12/96
Instrument I.D.#:	GCHP17	GCHP17	GCHP17	GCHP17
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
LCS Result:	9.6	9.7	9.6	29
LCS % Recov.:	96	97	98	97
MS/MSD LCS Control Limits	70-130	70-130	70-130	70-130

SEQUOIA ANALYTICAL

Todd Olive
Project Manager

Please Note:
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

RUST ENVIRONMENT & INFRASTRUCTURE
695 River Oaks Parkway
San Jose, CA 95134
Tel: (408) 232-2800
Fax: (408) 232-2801

CHAIN OF CUSTODY RECORD

Shipment No.:
RUST Authorization: RAB
Page 1 of 1
Laboratory: Sequoia
Laboratory Address: Redwood City
Samplers: Chi Du
Results To: see your file
Recorder: (signature required)

Project: ANC-SRMP
Job Number: 35195.700 Date:
Project Manager: Dick Burzinski / Ed Clusow

9604572

ITEM NO.	SAMPLE NUMBER	Location of Sample	DATE AND TIME SAMPLED: Date	Time	MATRIX	Preservatives: Temp	Chemical	Filtered ✓	No. of Containers	LUFT TPH d	LUFT BTEX	total Zinc	by EPA 6010 total lead by SW-846 - 7421 (AA Furnace)	COMMENTS
1	TW-1R		4.4.96	1055	H_2O	4°C	HCl/HNO_3	✓	6	X	X	X	X	01 A-F
2	SRMP-1		↓	920	H_2O	4°C	↓	✓	6	X	X	X	X	02 ↓
3	MW-13		↓	1015	H_2O	4°C	↓	✓	6	X	X	X	X	03
4						4°C								
5						4°C								
6						4°C								
7						4°C								
8						4°C								
9						4°C								
10						4°C								
11						4°C								
12						4°C								

MISCELLANEOUS

Method of Shipment	Airbill Number	Cooler Number

COMMENTS:
Standard QA/QC
Normal TAT

LABORATORY COPY WHITE PROJECT COPY YELLOW FIELD or OFFICE COPY PINK

CHAIN OF CUSTODY RECORD

Relinquished by: (signature & affiliation)	Date/Time	Received by: (signature & affiliation)	Date/Time
[signature]	4/4/96 1550		
Relinquished by: (signature & affiliation)	Date/Time	Received by: (signature & affiliation)	Date/Time
Relinquished by. (signature & affiliation)	Date/Time	Received by: (signature & affiliation)	Date/Time
Relinquished by (signature & affiliation)	Date/Time	Received by. (signature & affiliation)	Date/Time
Dispatched by (signature & affiliation)	Date/Time	Received for lab by: [signature]	Date/Time 4/4/96 1550

Sequoia Analytical

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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP
Sample Descript: MW-1R
Matrix: LIQUID
Analysis Method: EPA 8080
Lab Number: 9604660-01

Sampled: 04/04/96
Received: 04/04/96
Extracted: 04/11/96
Analyzed: 04/17/96
Reported: 04/18/96

QC Batch Number: GC0405960PCBEXA
Instrument ID: GCHP12

Polychlorinated Biphenyls (EPA 8080)

Analyte	Detection Limit ug/L	Sample Results ug/L
PCB-1016	50	N.D.
PCB-1221	200	N.D.
PCB-1232	50	N.D.
PCB-1242	50	N.D.
PCB-1248	50	N.D.
PCB-1254	50	N.D.
PCB-1260	50	N.D.

Surrogates	Control Limits %		% Recovery
Dibutylchlorendate	50	150	0 Q

Analytes reported as N.D were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP
Sample Descript: MW-1R
Matrix: LIQUID
Analysis Method: EPA 8240
Lab Number: 9604660-01

Sampled: 04/04/96
Received: 04/04/96

Analyzed: 04/12/96
Reported: 04/18/96

QC Batch Number: MS0412968240H6A
Instrument ID: H6

Volatile Organics (EPA 8240)

Analyte	Detection Limit ug/L	Sample Results ug/L
Acetone	10	N.D.
Benzene	**2.0**	**7.2**
Bromodichloromethane	2.0	N.D.
Bromoform	2.0	N.D.
Bromomethane	2.0	N.D.
2-Butanone	10	N.D.
Carbon disulfide	2.0	N.D.
Carbon tetrachloride	2.0	N.D.
Chlorobenzene	**2.0**	**24**
Chloroethane	2.0	N.D.
2-Chloroethyl vinyl ether	10	N.D.
Chloroform	2.0	N.D.
Chloromethane	2.0	N.D.
Dibromochloromethane	2.0	N.D.
1,1-Dichloroethane	**2.0**	**5.2**
1,2-Dichloroethane	**2.0**	**12**
1,1-Dichloroethene	2.0	N.D.
cis-1,2-Dichloroethene	**2.0**	**5.5**
trans-1,2-Dichloroethene	2.0	N.D.
1,2-Dichloropropane	2.0	N.D.
cis-1,3-Dichloropropene	2.0	N.D.
trans-1,3-Dichloropropene	2.0	N.D.
Ethylbenzene	2.0	N.D.
2-Hexanone	10	N.D.
Methylene chloride	5.0	N.D.
4-Methyl-2-pentanone	10	N.D.
Styrene	2.0	N.D.
1,1,2,2-Tetrachloroethane	2.0	N.D.
Tetrachloroethene	2.0	N.D.
Toluene	2.0	N.D.
1,1,1-Trichloroethane	2.0	N.D.
1,1,2-Trichloroethane	2.0	N.D.
Trichloroethene	2.0	N.D.
Trichlorofluoromethane	2.0	N.D.
Vinyl acetate	5.0	N.D.
Vinyl chloride	**2.0**	**5.9**

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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP
Sample Descript: MW-1R
Matrix: LIQUID
Analysis Method: EPA 8240
Lab Number: 9604660-01

Sampled: 04/04/96
Received: 04/04/96

Analyzed: 04/12/96
Reported: 04/18/96

QC Batch Number: MS0412968240H6A
Instrument ID: H6

Analyte	Detection Limit ug/L	Sample Results ug/L
Total Xylenes	2.0	3.5

Surrogates	Control Limits %		% Recovery
1,2-Dichloroethane-d4	76	114	97
Toluene-d8	88	110	101
4-Bromofluorobenzene	86	115	104

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP
Sample Descript: MW-1R
Matrix: LIQUID
Analysis Method: EPA 8270
Lab Number: 9604660-01

Sampled: 04/04/96
Received: 04/04/96
Extracted: 04/11/96
Analyzed: 04/11/96
Reported: 04/18/96

QC Batch Number: MS0408968270EXB
Instrument ID: F4

Semivolatile Organics (EPA 8270)

Analyte	Detection Limit ug/L	Sample Results ug/L
Acenaphthene	5.0	N.D.
Acenaphthylene	5.0	N.D.
Anthracene	5.0	N.D.
Benzoic Acid	10	N.D.
Benzo(a)anthracene	5.0	N.D.
Benzo(b)fluoranthene	5.0	N.D.
Benzo(k)fluoranthene	5.0	N.D.
Benzo(g,h,i)perylene	5.0	N.D.
Benzo(a)pyrene	5.0	N.D.
Benzyl alcohol	5.0	N.D.
Bis(2-chloroethoxy)methane	5.0	N.D.
Bis(2-chloroethyl)ether	5.0	N.D.
Bis(2-chloroisopropyl)ether	5.0	N.D.
Bis(2-ethylhexyl)phthalate	10	N.D.
4-Bromophenyl phenyl ether	5.0	N.D.
Butyl benzyl phthalate	5.0	N.D.
4-Chloroaniline	10	N.D.
2-Chloronaphthalene	5.0	N.D.
4-Chloro-3-methylphenol	5.0	N.D.
2-Chlorophenol	5.0	N.D.
4-Chlorophenyl phenyl ether	5.0	N.D.
Chrysene	5.0	N.D.
Dibenzo(a,h)anthracene	5.0	N.D.
Dibenzofuran	5.0	N.D.
Di-n-butyl phthalate	10	N.D.
1,2-Dichlorobenzene	**5.0**	**20**
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	**5.0**	**19**
3,3-Dichlorobenzidine	10	N.D.
2,4-Dichlorophenol	5.0	N.D.
Diethyl phthalate	5.0	N.D.
2,4-Dimethylphenol	5.0	N.D.
Dimethyl phthalate	5.0	N.D.
4,6-Dinitro-2-methylphenol	10	N.D.
2,4-Dinitrophenol	10	N.D.
2,4-Dinitrotoluene	5.0	N.D.

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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP
Sample Descript: MW-1R
Matrix: LIQUID
Analysis Method: EPA 8270
Lab Number: 9604660-01

Sampled: 04/04/96
Received: 04/04/96
Extracted: 04/11/96
Analyzed: 04/11/96
Reported: 04/18/96

QC Batch Number: MS0408968270EXB
Instrument ID: F4

Analyte	Detection Limit ug/L	Sample Results ug/L
2,6-Dinitrotoluene	5.0	N.D.
Di-n-octyl phthalate	5.0	N.D.
Fluoranthene	5.0	N.D.
Fluorene	5.0	N.D.
Hexachlorobenzene	5.0	N.D.
Hexachlorobutadiene	5.0	N.D.
Hexachlorocyclopentadiene	10	N.D.
Hexachloroethane	5.0	N.D.
Indeno(1,2,3-cd)pyrene	5.0	N.D.
Isophorone	5.0	N.D.
2-Methylnaphthalene	5.0	N.D.
2-Methylphenol	5.0	N.D.
4-Methylphenol	5.0	N.D.
Naphthalene	5.0	N.D.
2-Nitroaniline	10	N.D.
3-Nitroaniline	10	N.D.
4-Nitroaniline	10	N.D.
Nitrobenzene	5.0	N.D.
2-Nitrophenol	5.0	N.D.
4-Nitrophenol	10	N.D.
n-Nitrosodiphenylamine	5.0	N.D.
n-Nitroso-di-n-propylamine	5.0	N.D.
Pentachlorophenol	10	N.D.
Phenanthrene	5.0	N.D.
Phenol	5.0	N.D.
Pyrene	5.0	N.D.
1,2,4-Trichlorobenzene	5.0	N.D.
2,4,5-Trichlorophenol	10	N.D.
2,4,6-Trichlorophenol	5.0	N.D.

Surrogates	Control Limits %		% Recovery
2-Fluorophenol	21	110	28
Phenol-d5	10	110	26
Nitrobenzene-d5	35	114	70
2-Fluorobiphenyl	43	116	70
2,4,6-Tribromophenol	10	123	85
p-Terphenyl-d14	33	141	80

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP
Sample Descript: MW-1R
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9604660-01

Sampled: 04/04/96
Received: 04/04/96
Extracted: 04/11/96
Analyzed: 04/17/96
Reported: 04/18/96

QC Batch Number: GC0411960HBPEXY
Instrument ID: GCHP4B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	50	1800
Chromatogram Pattern:		
Unidentified HC		C9-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	106

Analytes reported as N.D were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP
Sample Descript: MW-1R
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9604660-01

Sampled: 04/04/96
Received: 04/04/96
Extracted: 04/11/96
Analyzed: 04/17/96
Reported: 04/18/96

QC Batch Number: GC0411960HBPEXY
Instrument ID: GCHP4B

Fuel Fingerprint : Mineral Spirits

Analyte	Detection Limit ug/L	Sample Results ug/L
Extract. HC as Mineral Spirits	50	570
Chromatogram Pattern:		
Unidentified HC		C9-C13

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	106

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP
Sample Descript: MW-1R
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9604660-01

Sampled: 04/04/96
Received: 04/04/96

Analyzed: 04/12/96
Reported: 04/18/96

QC Batch Number: GC041296BTEX17B
Instrument ID: GCHP17

Total Purgeable Petroleum Hydrocarbons (TPPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**50**	**360**
Chromatogram Pattern:		**Gas**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	108

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP
Sample Descript: MW-6
Matrix: LIQUID
Analysis Method: EPA 8080
Lab Number: 9604660-02

Sampled: 04/04/96
Received: 04/04/96
Extracted: 04/11/96
Analyzed: 04/17/96
Reported: 04/18/96

QC Batch Number: GC0405960PCBEXA
Instrument ID: GCHP12

Polychlorinated Biphenyls (EPA 8080)

Analyte	Detection Limit ug/L	Sample Results ug/L
PCB-1016	0.50	N.D.
PCB-1221	2.0	N.D.
PCB-1232	0.50	N.D.
PCB-1242	0.50	N.D.
PCB-1248	0.50	N.D.
PCB-1254	0.50	N.D.
PCB-1260	0.50	N.D.

Surrogates	Control Limits %		% Recovery
Dibutylchlorendate	50	150	80

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP
Sample Descript: MW-6
Matrix: LIQUID
Analysis Method: EPA 8240
Lab Number: 9604660-02

Sampled: 04/04/96
Received: 04/04/96

Analyzed: 04/12/96
Reported: 04/18/96

QC Batch Number: MS0412968240H6A
Instrument ID: H6

Volatile Organics (EPA 8240)

Analyte	Detection Limit ug/L	Sample Results ug/L
Acetone	10	N.D.
Benzene	2.0	N.D.
Bromodichloromethane	2.0	N.D.
Bromoform	2.0	N.D.
Bromomethane	2.0	N.D.
2-Butanone	10	N.D.
Carbon disulfide	2.0	N.D.
Carbon tetrachloride	2.0	N.D.
Chlorobenzene	2.0	N.D.
Chloroethane	2.0	N.D.
2-Chloroethyl vinyl ether	10	N.D.
Chloroform	2.0	N.D.
Chloromethane	2.0	N.D.
Dibromochloromethane	2.0	N.D.
1,1-Dichloroethane	**2.0**	**14**
1,2-Dichloroethane	2.0	N.D.
1,1-Dichloroethene	2.0	N.D.
cis-1,2-Dichloroethene	2.0	N.D.
trans-1,2-Dichloroethene	2.0	N.D.
1,2-Dichloropropane	2.0	N.D.
cis-1,3-Dichloropropene	2.0	N.D.
trans-1,3-Dichloropropene	2.0	N.D.
Ethylbenzene	2.0	N.D.
2-Hexanone	10	N.D.
Methylene chloride	5.0	N.D.
4-Methyl-2-pentanone	10	N.D.
Styrene	2.0	N.D.
1,1,2,2-Tetrachloroethane	2.0	N.D.
Tetrachloroethene	2.0	N.D.
Toluene	2.0	N.D.
1,1,1-Trichloroethane	2.0	N.D.
1,1,2-Trichloroethane	2.0	N.D.
Trichloroethene	2.0	N.D.
Trichlorofluoromethane	2.0	N.D.
Vinyl acetate	5.0	N.D.
Vinyl chloride	2.0	N.D.

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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP
Sample Descript: MW-6
Matrix: LIQUID
Analysis Method: EPA 8240
Lab Number: 9604660-02

Sampled: 04/04/96
Received: 04/04/96

Analyzed: 04/12/96
Reported: 04/18/96

QC Batch Number: MS0412968240H6A
Instrument ID: H6

Analyte	Detection Limit ug/L		Sample Results ug/L
Total Xylenes	2.0		N.D.
Surrogates	**Control Limits %**		**% Recovery**
1,2-Dichloroethane-d4	76	114	97
Toluene-d8	88	110	101
4-Bromofluorobenzene	86	115	102

Analytes reported as N.D. were not present above the stated limit of detection

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP
Sample Descript: MW-6
Matrix: LIQUID
Analysis Method: EPA 8270
Lab Number: 9604660-02

Sampled: 04/04/96
Received: 04/04/96
Extracted: 04/11/96
Analyzed: 04/11/96
Reported: 04/18/96

QC Batch Number: MS0408968270EXB
Instrument ID: F4

Semivolatile Organics (EPA 8270)

Analyte	Detection Limit ug/L	Sample Results ug/L
Acenaphthene	5.0	N.D.
Acenaphthylene	5.0	N.D.
Anthracene	5.0	N.D.
Benzoic Acid	10	N.D.
Benzo(a)anthracene	5.0	N.D.
Benzo(b)fluoranthene	5.0	N.D.
Benzo(k)fluoranthene	5.0	N.D.
Benzo(g,h,i)perylene	5.0	N.D.
Benzo(a)pyrene	5.0	N.D.
Benzyl alcohol	5.0	N.D.
Bis(2-chloroethoxy)methane	5.0	N.D.
Bis(2-chloroethyl)ether	5.0	N.D.
Bis(2-chloroisopropyl)ether	5.0	N.D.
Bis(2-ethylhexyl)phthalate	10	N.D.
4-Bromophenyl phenyl ether	5.0	N.D.
Butyl benzyl phthalate	5.0	N.D.
4-Chloroaniline	10	N.D.
2-Chloronaphthalene	5.0	N.D.
4-Chloro-3-methylphenol	5.0	N.D.
2-Chlorophenol	5.0	N.D.
4-Chlorophenyl phenyl ether	5.0	N.D.
Chrysene	5.0	N.D.
Dibenzo(a,h)anthracene	5.0	N.D.
Dibenzofuran	5.0	N.D.
Di-n-butyl phthalate	10	N.D.
1,2-Dichlorobenzene	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	5.0	N.D.
3,3-Dichlorobenzidine	10	N.D.
2,4-Dichlorophenol	5.0	N.D.
Diethyl phthalate	5.0	N.D.
2,4-Dimethylphenol	5.0	N.D.
Dimethyl phthalate	5.0	N.D.
4,6-Dinitro-2-methylphenol	10	N.D.
2,4-Dinitrophenol	10	N.D.
2,4-Dinitrotoluene	5.0	N.D.

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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP
Sample Descript: MW-6
Matrix: LIQUID
Analysis Method: EPA 8270
Lab Number: 9604660-02

Sampled: 04/04/96
Received: 04/04/96
Extracted: 04/11/96
Analyzed: 04/11/96
Reported: 04/18/96

QC Batch Number: MS0408968270EXB
Instrument ID: F4

Analyte	Detection Limit ug/L	Sample Results ug/L
2,6-Dinitrotoluene	5.0	N.D.
Di-n-octyl phthalate	5.0	N.D.
Fluoranthene	5.0	N.D.
Fluorene	5.0	N.D.
Hexachlorobenzene	5.0	N.D.
Hexachlorobutadiene	5.0	N.D.
Hexachlorocyclopentadiene	10	N.D.
Hexachloroethane	5.0	N.D.
Indeno(1,2,3-cd)pyrene	5.0	N.D.
Isophorone	5.0	N.D.
2-Methylnaphthalene	5.0	N.D.
2-Methylphenol	5.0	N.D.
4-Methylphenol	5.0	N.D.
Naphthalene	5.0	N.D.
2-Nitroaniline	10	N.D.
3-Nitroaniline	10	N.D.
4-Nitroaniline	10	N.D.
Nitrobenzene	5.0	N.D.
2-Nitrophenol	5.0	N.D.
4-Nitrophenol	10	N.D.
n-Nitrosodiphenylamine	5.0	N.D.
n-Nitroso-di-n-propylamine	5.0	N.D.
Pentachlorophenol	10	N.D.
Phenanthrene	5.0	N.D.
Phenol	5.0	N.D.
Pyrene	5.0	N.D.
1,2,4-Trichlorobenzene	5.0	N.D.
2,4,5-Trichlorophenol	10	N.D.
2,4,6-Trichlorophenol	5.0	N.D.

Surrogates	Control Limits %		% Recovery
2-Fluorophenol	21	110	51
Phenol-d5	10	110	32
Nitrobenzene-d5	35	114	71
2-Fluorobiphenyl	43	116	70
2,4,6-Tribromophenol	10	123	71
p-Terphenyl-d14	33	141	76

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP
Sample Descript: MW-6
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9604660-02

Sampled: 04/04/96
Received: 04/04/96
Extracted: 04/11/96
Analyzed: 04/17/96
Reported: 04/18/96

QC Batch Number: GC0411960HBPEXY
Instrument ID: GCHP4B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	50	200
Chromatogram Pattern: **Unidentified HC**		C9-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	125

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP
Sample Descript: MW-6
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9604660-02

Sampled: 04/04/96
Received: 04/04/96
Extracted: 04/11/96
Analyzed: 04/17/96
Reported: 04/18/96

QC Batch Number: GC0411960HBPEXY
Instrument ID: GCHP4B

Fuel Fingerprint : Mineral Spirits

Analyte	Detection Limit ug/L	Sample Results ug/L
Extract. HC as Mineral Spirits Chromatogram Pattern:	50	N.D.

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	125

Analytes reported as N.D. were not present above the stated limit of detection

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP
Sample Descript: MW-6
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9604660-02

Sampled: 04/04/96
Received: 04/04/96

Analyzed: 04/12/96
Reported: 04/18/96

QC Batch Number: GC041296BTEX20A
Instrument ID: GCHP20

Total Purgeable Petroleum Hydrocarbons (TPPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas Chromatogram Pattern:	50	N.D.

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	76

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

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Project Manager

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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP
Sample Descript: MW-7
Matrix: LIQUID
Analysis Method: EPA 8080
Lab Number: 9604660-03

Sampled: 04/04/96
Received: 04/04/96
Extracted: 04/11/96
Analyzed: 04/17/96
Reported: 04/18/96

QC Batch Number: GC0405960PCBEXA
Instrument ID: GCHP12

Polychlorinated Biphenyls (EPA 8080)

Analyte	Detection Limit ug/L	Sample Results ug/L
PCB-1016	10	N.D.
PCB-1221	40	N.D.
PCB-1232	10	N.D.
PCB-1242	10	N.D.
PCB-1248	10	N.D.
PCB-1254	10	N.D.
PCB-1260	10	N.D.

Surrogates	Control Limits %		% Recovery
Dibutylchlorendate	50	150	93

Analytes reported as N.D. were not present above the stated limit of detection.

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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP
Sample Descript: MW-7
Matrix: LIQUID
Analysis Method: EPA 8240
Lab Number: 9604660-03

Sampled: 04/04/96
Received: 04/04/96

Analyzed: 04/12/96
Reported: 04/18/96

QC Batch Number: MS0412968240H6A
Instrument ID: H6

Volatile Organics (EPA 8240)

Analyte	Detection Limit ug/L	Sample Results ug/L
Acetone	10	N.D.
Benzene	2.0	N.D.
Bromodichloromethane	2.0	N.D.
Bromoform	2.0	N.D.
Bromomethane	2.0	N.D.
2-Butanone	10	N.D.
Carbon disulfide	2.0	N.D.
Carbon tetrachloride	2.0	N.D.
Chlorobenzene	2.0	N.D.
Chloroethane	2.0	N.D.
2-Chloroethyl vinyl ether	10	N.D.
Chloroform	2.0	N.D.
Chloromethane	2.0	N.D.
Dibromochloromethane	2.0	N.D.
1,1-Dichloroethane	2.0	N.D.
1,2-Dichloroethane	2.0	N.D.
1,1-Dichloroethene	2.0	N.D.
cis-1,2-Dichloroethene	2.0	N.D.
trans-1,2-Dichloroethene	2.0	N.D.
1,2-Dichloropropane	2.0	N.D.
cis-1,3-Dichloropropene	2.0	N.D.
trans-1,3-Dichloropropene	2.0	N.D.
Ethylbenzene	2.0	N.D.
2-Hexanone	10	N.D.
Methylene chloride	5.0	N.D.
4-Methyl-2-pentanone	10	N.D.
Styrene	2.0	N.D.
1,1,2,2-Tetrachloroethane	2.0	N.D.
Tetrachloroethene	2.0	N.D.
Toluene	2.0	N.D.
1,1,1-Trichloroethane	2.0	N.D.
1,1,2-Trichloroethane	2.0	N.D.
Trichloroethene	2.0	N.D.
Trichlorofluoromethane	2.0	N.D.
Vinyl acetate	5.0	N.D.
Vinyl chloride	2.0	N.D.

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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP
Sample Descript: MW-7
Matrix: LIQUID
Analysis Method: EPA 8240
Lab Number: 9604660-03

Sampled: 04/04/96
Received: 04/04/96

Analyzed: 04/12/96
Reported: 04/18/96

QC Batch Number: MS0412968240H6A
Instrument ID: H6

Analyte	Detection Limit ug/L	Sample Results ug/L
Total Xylenes	2.0	N.D.

Surrogates	Control Limits %		% Recovery
1,2-Dichloroethane-d4	76	114	95
Toluene-d8	88	110	101
4-Bromofluorobenzene	86	115	103

Analytes reported as N.D. were not present above the stated limit of detection

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP
Sample Descript: MW-7
Matrix: LIQUID
Analysis Method: EPA 8270
Lab Number: 9604660-03

Sampled: 04/04/96
Received: 04/04/96
Extracted: 04/11/96
Analyzed: 04/11/96
Reported: 04/18/96

QC Batch Number: MS0408968270EXB
Instrument ID: F4

Semivolatile Organics (EPA 8270)

Analyte	Detection Limit ug/L	Sample Results ug/L
Acenaphthene	5.0	N.D.
Acenaphthylene	5.0	N.D.
Anthracene	5.0	N.D.
Benzoic Acid	10	N.D.
Benzo(a)anthracene	5.0	N.D.
Benzo(b)fluoranthene	5.0	N.D.
Benzo(k)fluoranthene	5.0	N.D.
Benzo(g,h,i)perylene	5.0	N.D.
Benzo(a)pyrene	5.0	N.D.
Benzyl alcohol	5.0	N.D.
Bis(2-chloroethoxy)methane	5.0	N.D.
Bis(2-chloroethyl)ether	5.0	N.D.
Bis(2-chloroisopropyl)ether	5.0	N.D.
Bis(2-ethylhexyl)phthalate	10	N.D.
4-Bromophenyl phenyl ether	5.0	N.D.
Butyl benzyl phthalate	5.0	N.D.
4-Chloroaniline	10	N.D.
2-Chloronaphthalene	5.0	N.D.
4-Chloro-3-methylphenol	5.0	N.D.
2-Chlorophenol	5.0	N.D.
4-Chlorophenyl phenyl ether	5.0	N.D.
Chrysene	5.0	N.D.
Dibenzo(a,h)anthracene	5.0	N.D.
Dibenzofuran	5.0	N.D.
Di-n-butyl phthalate	10	N.D.
1,2-Dichlorobenzene	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	5.0	N.D.
3,3-Dichlorobenzidine	10	N.D.
2,4-Dichlorophenol	5.0	N.D.
Diethyl phthalate	5.0	N.D.
2,4-Dimethylphenol	5.0	N.D.
Dimethyl phthalate	5.0	N.D.
4,6-Dinitro-2-methylphenol	10	N.D.
2,4-Dinitrophenol	10	N.D.
2,4-Dinitrotoluene	5.0	N.D.

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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP
Sample Descript: MW-7
Matrix: LIQUID
Analysis Method: EPA 8270
Lab Number: 9604660-03

Sampled: 04/04/96
Received: 04/04/96
Extracted: 04/11/96
Analyzed: 04/11/96
Reported: 04/18/96

QC Batch Number: MS0408968270EXB
Instrument ID: F4

Analyte	Detection Limit ug/L	Sample Results ug/L
2,6-Dinitrotoluene	5.0	N.D.
Di-n-octyl phthalate	5.0	N.D.
Fluoranthene	5.0	N.D.
Fluorene	5.0	N.D.
Hexachlorobenzene	5.0	N.D.
Hexachlorobutadiene	5.0	N.D.
Hexachlorocyclopentadiene	10	N.D.
Hexachloroethane	5.0	N.D.
Indeno(1,2,3-cd)pyrene	5.0	N.D.
Isophorone	5.0	N.D.
2-Methylnaphthalene	5.0	N.D.
2-Methylphenol	5.0	N.D.
4-Methylphenol	5.0	N.D.
Naphthalene	5.0	N.D.
2-Nitroaniline	10	N.D.
3-Nitroaniline	10	N.D.
4-Nitroaniline	10	N.D.
Nitrobenzene	5.0	N.D.
2-Nitrophenol	5.0	N.D.
4-Nitrophenol	10	N.D.
n-Nitrosodiphenylamine	5.0	N.D.
n-Nitroso-di-n-propylamine	5.0	N.D.
Pentachlorophenol	10	N.D.
Phenanthrene	5.0	N.D.
Phenol	5.0	N.D.
Pyrene	5.0	N.D.
1,2,4-Trichlorobenzene	5.0	N.D.
2,4,5-Trichlorophenol	10	N.D.
2,4,6-Trichlorophenol	5.0	N.D.

Surrogates	Control Limits %		% Recovery
2-Fluorophenol	21	110	50
Phenol-d5	10	110	30
Nitrobenzene-d5	35	114	77
2-Fluorobiphenyl	43	116	73
2,4,6-Tribromophenol	10	123	78
p-Terphenyl-d14	33	141	75

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP
Sample Descript: MW-7
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9604660-03

Sampled: 04/04/96
Received: 04/04/96
Extracted: 04/11/96
Analyzed: 04/17/96
Reported: 04/18/96

QC Batch Number: GC0411960HBPEXY
Instrument ID: GCHP4B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	50	1200
Chromatogram Pattern:		
Unidentified HC		C9-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	125

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

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Sample Descript: MW-7
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9604660-03

Sampled: 04/04/96
Received: 04/04/96
Extracted: 04/11/96
Analyzed: 04/17/96
Reported: 04/18/96

QC Batch Number: GC0411960HBPEXY
Instrument ID: GCHP4B

Fuel Fingerprint : Mineral Spirits

Analyte	Detection Limit ug/L	Sample Results ug/L
Extract. HC as Mineral Spirits	**50**	**190**
Chromatogram Pattern:		
Unidentified HC		**C9-C13**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	125

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP
Sample Descript: MW-7
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9604660-03

Sampled: 04/04/96
Received: 04/04/96

Analyzed: 04/12/96
Reported: 04/18/96

QC Batch Number: GC041296BTEX17B
Instrument ID: GCHP17

Total Purgeable Petroleum Hydrocarbons (TPPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas Chromatogram Pattern:	50	N.D.

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	90

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Rust E&I	Client Proj. ID: 35195.700/ANC-SRMP	Sampled: 04/04/96
695 River Oaks Parkway	Sample Descript: MW-2	Received: 04/04/96
San Jose, CA 95134	Matrix: LIQUID	Extracted: 04/11/96
	Analysis Method: EPA 8015 Mod	Analyzed: 04/17/96
Attention: Dick Burzinski	Lab Number: 9604660-04	Reported: 04/18/96

QC Batch Number: GC0411960HBPEXY
Instrument ID: GCHP4B

Fuel Fingerprint : Mineral Spirits

Analyte	Detection Limit ug/L	Sample Results ug/L
Extract. HC as Mineral Spirits	**500**	**16,000**
Chromatogram Pattern:		**MinSpirit**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	0 Q

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP
Sample Descript: MW-5
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9604660-05

Sampled: 04/04/96
Received: 04/04/96
Extracted: 04/11/96
Analyzed: 04/17/96
Reported: 04/18/96

QC Batch Number: GC0411960HBPEXY
Instrument ID: GCHP4B

Fuel Fingerprint : Mineral Spirits

Analyte	Detection Limit ug/L	Sample Results ug/L
Extract. HC as Mineral Spirits	**500**	**7600**
Chromatogram Pattern:		**MinSpirit**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	0 Q

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP
Sample Descript: GW-1R
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9604660-06

Sampled: 04/04/96
Received: 04/04/96
Extracted: 04/11/96
Analyzed: 04/17/96
Reported: 04/18/96

QC Batch Number: GC0411960HBPEXY
Instrument ID: GCHP4B

Fuel Fingerprint : Mineral Spirits

Analyte	Detection Limit ug/L	Sample Results ug/L
Extract. HC as Mineral Spirits	**500**	**18,000**
Chromatogram Pattern:		**MinSpirit**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	*50*	*150*	*0 Q*

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134
Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP

Lab Proj. ID: 9604660

Received: 04/04/96

Reported: 04/18/96

LABORATORY NARRATIVE

PCB Note: The D.L.'s for samples MW-1R and MW-7 were raised due to high levels of non-target analytes.

TEPH Note: Q= Surrogate was diluted out.

SEQUOIA ANALYTICAL

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Project Manager

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Rust E & I
695 River Oaks Parkway
San Jose, CA 95134
Attention: Dick Burzinski

Client Project ID: 35195.700 / ANC-SRMP
Matrix: Liquid
Work Order #: 9604660 01, 03

Reported: Apr 19, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC041296BTEX17B	GC041296BTEX17B	GC041296BTEX17B	GC041296BTEX17B
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	J. Woo	J. Woo	J. Woo	J. Woo
MS/MSD #:	9603J3808	9603J3808	9603J3808	9603J3808
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	4/12/96	4/12/96	4/12/96	4/12/96
Analyzed Date:	4/12/96	4/12/96	4/12/96	4/12/96
Instrument I.D.#:	GCHP17	GCHP17	GCHP17	GCHP17
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	10	10	10	30
MS % Recovery:	100	100	100	100
Dup. Result:	10	10	10	30
MSD % Recov.:	100	100	100	100
RPD:	0.0	0.0	0.0	0.0
RPD Limit:	0-50	0-50	0-50	0-50
LCS #:	BLK041296	BLK041296	BLK041296	BLK041296
Prepared Date:	4/12/96	4/12/96	4/12/96	4/12/96
Analyzed Date:	4/12/96	4/12/96	4/12/96	4/12/96
Instrument I.D.#:	GCHP17	GCHP17	GCHP17	GCHP17
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
LCS Result:	10	10	10	10
LCS % Recov.:	100	100	100	100
MS/MSD LCS Control Limits	*70-130*	*70-130*	*70-130*	*70-130*

SEQUOIA ANALYTICAL

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Rust E & I
695 River Oaks Parkway
San Jose, CA 95134
Attention: Dick Burzinski

Client Project ID: 35195.700 / ANC-SRMP
Matrix: Liquid
Work Order #: 9604660 02

Reported: Apr 19, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC041296BTEX20A	GC041296BTEX20A	GC041296BTEX20A	GC041296BTEX20A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	J. Woo	J. Woo	J. Woo	J. Woo
MS/MSD #:	*9603J3807*	*9603J3807*	*9603J3807*	*9603J3807*
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	4/12/96	4/12/96	4/12/96	4/12/96
Analyzed Date:	4/12/96	4/12/96	4/12/96	4/12/96
Instrument I.D.#:	GCHP20	GCHP20	GCHP20	GCHP20
Conc. Spiked:	*10 µg/L*	*10 µg/L*	*10 µg/L*	*30 µg/L*
Result:	9.9	9.3	9.6	29
MS % Recovery:	99	93	96	97
Dup. Result:	10	9.6	9.9	30
MSD % Recov.:	100	96	99	100
RPD:	1.0	3.2	3.1	3.4
RPD Limit:	0-50	0-50	0-50	0-50
LCS #:	BLK041296	BLK041296	BLK041296	BLK041296
Prepared Date:	4/12/96	4/12/96	4/12/96	4/12/96
Analyzed Date:	4/12/96	4/12/96	4/12/96	4/12/96
Instrument I.D.#:	GCHP20	GCHP20	GCHP20	GCHP20
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
LCS Result:	10	9.8	10	31
LCS % Recov.:	100	98	100	103
MS/MSD LCS Control Limits	70-130	70-130	70-130	70-130

SEQUOIA ANALYTICAL

Todd Olive
Project Manager

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Rust E & I
695 River Oaks Parkway
San Jose, CA 95134
Attention: Dick Burzinski

Client Project ID: 35195.700 / ANC-SRMP
Matrix: Liquid
Work Order #: 9604660 01-06
Reported: Apr 19, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Diesel
QC Batch#:	GC0411960HBPEXY
Analy. Method:	EPA 8015M
Prep. Method:	EPA 3520
Analyst:	J. Minkel
MS/MSD #:	BLK041196
Sample Conc.:	N.D.
Prepared Date:	4/11/96
Analyzed Date:	4/12/96
Instrument I.D.#:	GCHP5A
Conc. Spiked:	1000 µg/L
Result:	840
MS % Recovery:	84
Dup. Result:	870
MSD % Recov.:	87
RPD:	3.5
RPD Limit:	0-50

LCS #:	
Prepared Date:	
Analyzed Date:	
Instrument I.D.#:	
Conc. Spiked:	
LCS Result:	
LCS % Recov.:	

MS/MSD LCS Control Limits	50-150

SEQUOIA ANALYTICAL

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San Jose, CA 95134
Attention: Dick Burzinski

Client Project ID: 35195.700 / ANC-SRMP
Matrix: Liquid
Work Order #: 9604660 01-03

Reported: Apr 19, 1996

QUALITY CONTROL DATA REPORT

Analyte:	PCB 1242
QC Batch#:	GC0405960PCBEXA
Analy. Method:	EPA 8080
Prep. Method:	EPA 3510
Analyst:	G. Garcia
MS/MSD #:	960425003
Sample Conc.:	N.D.
Prepared Date:	4/5/96
Analyzed Date:	4/5/96
Instrument I.D.#:	GCHP12
Conc. Spiked:	1.25 µg/L
Result:	1.5
MS % Recovery:	120
Dup. Result:	1.4
MSD % Recov.:	112
RPD:	6.9
RPD Limit:	0-50

LCS #:	BLK041196
Prepared Date:	4/11/96
Analyzed Date:	4/16/96
Instrument I.D.#:	GCHP12
Conc. Spiked:	2.5 µg/L
LCS Result:	1.9
LCS % Recov.:	76

MS/MSD LCS Control Limits	40-120

SEQUOIA ANALYTICAL

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Attention: Dick Burzinski

Client Project ID: 35195.700 / ANC-SRMP
Matrix: Liquid
Work Order #: 9604660 01-03

Reported: Apr 19, 1996

QUALITY CONTROL DATA REPORT

Analyte:	1,1-Dichloroethene	Trichloroethene	Benzene	Toluene	Chloro-benzene
QC Batch#:	MS0412968240H6A	MS0412968240H6A	MS0412968240H6A	MS0412968240H6A	MS0412968240H6A
Analy. Method:	EPA 8240	EPA 8240	EPA 8240	EPA 8240	EPA 8240
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	L. Zhu	L. Zhu	L. Zhu	L. Zhu	L. Zhu
MS/MSD #:	960431901	960431901	960431901	960431901	960431901
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.
Prepared Date:	4/12/96	4/12/96	4/12/96	4/12/96	4/12/96
Analyzed Date:	4/12/96	4/12/96	4/12/96	4/12/96	4/12/96
Instrument I.D.#:	H6	H6	H6	H6	H6
Conc. Spiked:	50 µg/L	50 µg/L	50 µg/L	50 µg/L	50 µg/L
Result:	39	46	48	48	45
MS % Recovery:	78	92	96	96	98
Dup. Result:	44	53	54	54	56
MSD % Recov.:	88	100	108	108	112
RPD:	12	14	12	12	13
RPD Limit:	0-50	0-50	0-50	0-50	0-50
LCS #:	VB041296	VB041296	VB041296	VB041296	VB041296
Prepared Date:	4/12/96	4/12/96	4/12/96	4/12/96	4/12/96
Analyzed Date:	4/12/96	4/12/96	4/12/96	4/12/96	4/12/96
Instrument I.D.#:	H6	H6	H6	H6	H6
Conc. Spiked:	50 µg/L	50 µg/L	50 µg/L	50 µg/L	50 µg/L
LCS Result:	42	50	51	52	53
LCS % Recov.:	84	100	102	104	106
MS/MSD LCS Control Limits	40-140	70-140	40-130	40-130	40-140

SEQUOIA ANALYTICAL

Todd Olive
Project Manager

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Rust E & I
695 River Oaks Parkway
San Jose, CA 95134
Attention: Dick Burzinski

Client Project ID: 35195.700 / ANC-SRMP
Matrix: Liquid
Work Order #: 9604660 01-03

Reported: Apr 19, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Phenol	2-Chlorophenol	1,4-Dichloro benzene	N-Nitroso-Di-N-propylamine
QC Batch#:	MS0408968270EXB	MS0408968270EXB	MS0408968270EXB	MS0408968270EXB
Analy. Method:	EPA 8270	EPA 8270	EPA 8270	EPA 8270
Prep. Method:	EPA 3520	EPA 3520	EPA 3520	EPA 3520
Analyst:	E. Manuel	E. Manuel	E. Manuel	E. Manuel
MS/MSD #:	BLK040896	BLK040896	BLK040896	BLK040896
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	4/8/96	4/8/96	4/8/96	4/8/96
Analyzed Date:	4/9/96	4/9/96	4/9/96	4/9/96
Instrument I.D.#:	F4	F4	F4	F4
Conc. Spiked:	200 µg/L	200 µg/L	200 µg/L	200 µg/L
Result:	82	170	150	160
MS % Recovery:	41	85	75	80
Dup. Result:	73	160	150	150
MSD % Recov.:	37	80	75	75
RPD:	12	6.1	0.0	6.5
RPD Limit:	0-50	0-50	0-50	0-50
LCS #:				
Prepared Date:				
Analyzed Date:				
Instrument I.D.#:				
Conc. Spiked:				
LCS Result:				
LCS % Recov.:				
MS/MSD LCS Control Limits	15-115	30-120	30-120	30-120

SEQUOIA ANALYTICAL

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San Jose, CA 95134
Attention: Dick Burzinski

Client Project ID: 35195.700 / ANC-SRMP
Matrix: Liquid
Work Order #: 9604660 01-03

Reported: Apr 19, 1996

QUALITY CONTROL DATA REPORT

Analyte:	1,2,4-Trichloro benzene	4-Chloro-3 Methylphenol	Acenaphthene	4-Nitrophenol
QC Batch#:	MS0408968270EXB	MS0408968270EXB	MS0408968270EXB	MS0408968270EXB
Analy. Method:	EPA 8270	EPA 8270	EPA 8270	EPA 8270
Prep. Method:	EPA 3520	EPA 3520	EPA 3520	EPA 3520
Analyst:	E. Manuel	E. Manuel	E. Manuel	E. Manuel
MS/MSD #:	BLK040896	BLK040896	BLK040896	BLK040896
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	4/8/96	4/8/96	4/8/96	4/8/96
Analyzed Date:	4/9/96	4/9/96	4/9/96	4/9/96
Instrument I.D.#:	F4	F4	F4	F4
Conc. Spiked:	200 µg/L	200 µg/L	200 µg/L	200 µg/L
Result:	180	170	150	58
MS % Recovery:	90	85	75	29 .
Dup. Result:	170	150	150	47
MSD % Recov.:	85	75	75	24
RPD:	5.7	13	0.0	21
RPD Limit:	0-50	0-50	0-50	0-50
LCS #:				
Prepared Date:				
Analyzed Date:				
Instrument I.D.#:				
Conc. Spiked:				
LCS Result:				
LCS % Recov.:				
MS/MSD LCS Control Limits	40-120	30-120	50-140	20-120

SEQUOIA ANALYTICAL

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San Jose, CA 95134
Attention: Dick Burzinski

Client Project ID: 35195.700 / ANC-SRMP
Matrix: Liquid
Work Order #: 9604660 01-03
Reported: Apr 19, 1996

QUALITY CONTROL DATA REPORT

Analyte:	2,4-Dinitro-toluene	Pentachloro-phenol	Pyrene
QC Batch#:	MS0408968270EXB	MS0408968270EXB	MS0408968270EXB
Analy. Method:	EPA 8270	EPA 8270	EPA 8270
Prep. Method:	EPA 3520	EPA 3520	EPA 3520
Analyst:	E. Manuel	E. Manuel	E. Manuel
MS/MSD #:	BLK040896	BLK040896	BLK040896
Sample Conc.:	N.D.	N.D.	N.D.
Prepared Date:	4/8/96	4/8/96	4/8/96
Analyzed Date:	4/9/96	4/9/96	4/9/96
Instrument I.D.#:	F4	F4	F4
Conc. Spiked:	200 µg/L	200 µg/L	200 µg/L
Result:	170	170	160
MS % Recovery:	85	85	80
Dup. Result:	150	130	140
MSD % Recov.:	75	65	70
RPD:	13	27	13
RPD Limit:	0-50	0-50	0-50
LCS #:			
Prepared Date:			
Analyzed Date:			
Instrument I.D.#:			
Conc. Spiked:			
LCS Result:			
LCS % Recov.:			
MS/MSD LCS Control Limits	40-130	30-110	55-115

SEQUOIA ANALYTICAL

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Project Manager

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RUST ENVIRONMENT & INFRASTRUCTURE
695 River Oaks Parkway
San Jose, CA 95134
Tel. (408) 232-2800
Fax: (408) 232-2801

CHAIN OF CUSTODY RECORD

Laboratory: Seguoia Analytical
Laboratory Address:
Results To: See your file

Shipment No.:
RUST Authorization: RAB
Page 1 of 1
Samplers: GPS, Jim and Chi
Recorder: (signature required)

Project: A-NC - SRMP
Job Number: 35195.700 Date: 4.4.96
Project Manager: Rick Brazinski, Ed Hudson

9604660

ITEM NO.	SAMPLE NUMBER	Location of Sample	DATE AND TIME SAMPLED		MATRIX	Preservatives		Filtered ✓	No. of Containers	EPA 8240	EPA 8270	LUFT	TPH-D	TPH-G	EPA 8080 for PCB only	LUFT	TPH minimum Sprinkle	COMMENTS
			Date	Time		Temp	Chemical											
1	MW-1R		4.4.96	1315	H_2O	4°c	HCl		9	X	X	X	X	X	X			on EPA 8080 report PCBs only. Also I need a minimum detection limit of 5ppb for the PCBs.
2	MW-6	-	↓	1310	↓	4°c	↓		9	X	X	X	X	X	X			
3	MW-7		↓	1115	↓	4°c	↓		9	X	X	X	X	X	X			
4						4°c												
5	MW-2		4.4.96	1415	H_2O	4°c			1						X			
6	MW-5		↓	1430	↓	4°c			1						X			
7	GW-1R		↓	1340	↓	4°c			1						X			
8						4°c												
9						4°c												
10						4°c												
11						4°c												
12						4°c												

MISCELLANEOUS

Method of Shipment	Airbill Number	Cooler Number

COMMENTS: Standard QA/QC
Normal TAT

LABORATORY COPY WHITE — PROJECT COPY YELLOW — FIELD or OFFICE COPY PINK

CHAIN OF CUSTODY RECORD

Relinquished by: (signature & affiliation)	Date/Time	Received by. (signature & affiliation)	Date/Time
[signature]	4/4/96 1550		
Relinquished by. (signature & affiliation)	Date/Time	Received by. (signature & affiliation)	Date/Time
Relinquished by (signature & affiliation)	Date/Time	Received by: (signature & affiliation)	Date/Time
Relinquished by (signature & affiliation)	Date/Time	Received by: (signature & affiliation)	Date/Time
Dispatched by. (signature & affiliation)	Date/Time	Received for Lab by: [signature]	Date/Time 4/4/96 1550

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP
Sample Descript: MW-4
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9604602-01

Sampled: 04/05/96
Received: 04/05/96
Extracted: 04/16/96
Analyzed: 04/20/96
Reported: 04/23/96

QC Batch Number: GC0416960HBPEXZ
Instrument ID: GCHP4A

Fuel Fingerprint : Mineral Spirits

Analyte	Detection Limit ug/L	Sample Results ug/L
Extract. HC as Mineral Spirits	1000	5200
Chromatogram Pattern:		
Unidentified HC		C9-C13

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	0 Q

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP
Sample Descript: MW-3
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9604602-02

Sampled: 04/05/96
Received: 04/05/96
Extracted: 04/16/96
Analyzed: 04/20/96
Reported: 04/23/96

QC Batch Number: GC0416960HBPEXZ
Instrument ID: GCHP4B

Fuel Fingerprint : Mineral Spirits

Analyte	Detection Limit ug/L	Sample Results ug/L
Extract. HC as Mineral Spirits	**500**	**1300**
Chromatogram Pattern:		
Unidentified HC		**C9-C13**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	0 Q

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP
Sample Descript: GW-2R
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9604602-03

Sampled: 04/05/96
Received: 04/05/96
Extracted: 04/16/96
Analyzed: 04/20/96
Reported: 04/23/96

QC Batch Number: GC0416960HBPEXZ
Instrument ID: GCHP4B

Fuel Fingerprint : Mineral Spirits

Analyte	Detection Limit ug/L	Sample Results ug/L
Extract. HC as Mineral Spirits	**5000**	**14,000**
Chromatogram Pattern:		
Unidentified HC		**C9-C13**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	0 Q

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

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Project Manager

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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134
Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP
Lab Proj. ID: 9604602

Received: 04/05/96
Reported: 04/23/96

LABORATORY NARRATIVE

TEPH Note: Q= Surrogate was diluted out.

SEQUOIA ANALYTICAL

Todd Olive
Project Manager

Sequoia Analytical

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Rust E & I
695 River Oaks Parkway
San Jose, CA 95134
Attention: Dick Burzinski

Client Project ID: 35195.700 / ANC-SRMP
Matrix: Liquid
Work Order #: 9604602 01-03
Reported: Apr 24, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Diesel
QC Batch#:	GC0416960HBPEXZ
Analy. Method:	EPA 8015M
Prep. Method:	EPA 3520
Analyst:	B. Ali
MS/MSD #:	960488302
Sample Conc.:	N.D.
Prepared Date:	4/16/96
Analyzed Date:	4/18/96
Instrument I.D.#:	GCHP4B
Conc. Spiked:	1000 µg/L
Result:	770
MS % Recovery:	77
Dup. Result:	830
MSD % Recov.:	83
RPD:	7.5
RPD Limit:	0-50

LCS #:	BLK041696
Prepared Date:	4/16/96
Analyzed Date:	4/18/96
Instrument I.D.#:	GCHP4B
Conc. Spiked:	1000 µg/L
LCS Result:	860
LCS % Recov.:	86

MS/MSD LCS Control Limits	50-150

SEQUOIA ANALYTICAL

Todd Olive
Project Manager

Please Note:
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

RUST ENVIRONMENT & INFRASTRUCTURE
695 River Oaks Parkway
San Jose, CA 95134
Tel. (408) 232-2800
Fax. (408) 232-2801

CHAIN OF CUSTODY RECORD

Laboratory: Sequoia Analytical
Laboratory Address:
Results To: See your file

Shipment No.:
RUST Authorization: PAB
Page 1 of 1
Samplers: Chi Du
Recorder: [signature] (signature required)

Project: ANC - SRMP
Job Number: 35195.700 Date: 4-5-91
Project Manager: Dick Burzinski, Ed Alusow

ANALYSIS REQUESTED

9604402

ITEM NO.	SAMPLE NUMBER	Location of Sample	DATE AND TIME SAMPLED Date	Time	MATRIX	Preservatives Temp	Chemical	Filtered ✓	No. of Containers	LUFT TPH mineral spirits										COMMENTS
1	MW-4		4-5-96	900	H_2O	4°c			1	X										1
2	MW-3		↓	1000	↓	4°c			1	X										2
3	GW-2R		↓	1100	↓	4°c			1	X										3
4						4°c														
5						4°c														
6						4°c														
7						4°c														
8						4°c														
9						4°c														
10						4°c														
11						4°c														
12						4°c														

MISCELLANEOUS

Method of Shipment	Airbill Number	Cooler Number

COMMENTS: Standard QA/QC
Normal TAT

CHAIN OF CUSTODY RECORD

Relinquished by: (signature & affiliation)	Date/Time	Received by: (signature & affiliation)	Date/Time
[signature]	4/5/96 1235		
Relinquished by (signature & affiliation)	Date/Time	Received by: (signature & affiliation)	Date/Time
Relinquished by (signature & affiliation)	Date/Time	Received by: (signature & affiliation)	Date/Time
Relinquished by: (signature & affiliation)	Date/Time	Received by: (signature & affiliation)	Date/Time
Dispatched by: (signature & affiliation)	Date/Time	Received for lab by: [signature]	Date/Time 4-5-96 1235

LABORATORY COPY WHITE PROJECT COPY YELLOW FIELD or OFFICE COPY PINK

Sequoia Analytical

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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP
Sample Descript: SRMP-3
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9604353-01

Sampled: 04/03/96
Received: 04/03/96
Extracted: 04/10/96
Analyzed: 04/14/96
Reported: 04/17/96

QC Batch Number: GC0410960HBPEXY
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	50	280
Chromatogram Pattern:		
Unidentified HC		C9-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	99

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP
Sample Descript: SRMP-3
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9604353-01

Sampled: 04/03/96
Received: 04/03/96

Analyzed: 04/12/96
Reported: 04/17/96

QC Batch Number: GC041296BTEX21A
Instrument ID: GCHP21

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	110

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP
Sample Descript: MW-14R
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9604353-02

Sampled: 04/03/96
Received: 04/03/96
Extracted: 04/10/96
Analyzed: 04/14/96
Reported: 04/17/96

QC Batch Number: GC0410960HBPEXY
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	50	89
Chromatogram Pattern: **Unidentified HC**		C9-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	100

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

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Project Manager

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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP
Sample Descript: MW-14R
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9604353-02

Sampled: 04/03/96
Received: 04/03/96

Analyzed: 04/12/96
Reported: 04/17/96

QC Batch Number: GC041296BTEX21A
Instrument ID: GCHP21

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	109

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP
Sample Descript: MW-9R
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9604353-03

Sampled: 04/03/96
Received: 04/03/96
Extracted: 04/10/96
Analyzed: 04/14/96
Reported: 04/17/96

QC Batch Number: GC0410960HBPEXY
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	50	92
Chromatogram Pattern:		
Unidentified HC		C9-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	101

Analytes reported as N.D were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP
Sample Descript: MW-9R
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9604353-03

Sampled: 04/03/96
Received: 04/03/96

Analyzed: 04/12/96
Reported: 04/17/96

QC Batch Number: GC041296BTEX21A
Instrument ID: GCHP21

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	103

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

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Rust E & I
695 River Oaks Parkway
San Jose, CA 95134
Attention: Dick Burzinski

Client Project ID: 35195.700 / ANC-SRMP
Matrix: Liquid
Work Order #: 9604353 01-03

Reported: Apr 17, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Diesel
QC Batch#:	GC0410960HBPEXY
Analy. Method:	EPA 8015M
Prep. Method:	EPA 3520
Analyst:	J. Minkel
MS/MSD #:	BLK041096
Sample Conc.:	N.D.
Prepared Date:	4/10/96
Analyzed Date:	4/12/96
Instrument I.D.#:	GCHP5A
Conc. Spiked:	1000 µg/L
Result:	1100
MS % Recovery:	110
Dup. Result:	940
MSD % Recov.:	94
RPD:	16
RPD Limit:	0-50
LCS #:	
Prepared Date:	
Analyzed Date:	
Instrument I.D.#:	
Conc. Spiked:	
LCS Result:	
LCS % Recov.:	

MS/MSD LCS Control Limits	50-150

SEQUOIA ANALYTICAL

Todd Olive
Project Manager

Please Note:
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

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695 River Oaks Parkway
San Jose, CA 95134
Attention: Dick Burzinski

Client Project ID: 35195.700 / ANC-SRMP
Matrix: Liquid
Work Order #: 9604353 01-03
Reported: Apr 17, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC041296BTEX21A	GC041296BTEX21A	GC041296BTEX21A	GC041296BTEX21A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	J. Woo	J. Woo	J. Woo	J. Woo
MS/MSD #:	9603J3807	9603J3807	9603J3807	9603J3807
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	4/12/96	4/12/96	4/12/96	4/12/96
Analyzed Date:	4/12/96	4/12/96	4/12/96	4/12/96
Instrument I.D.#:	GCHP21	GCHP21	GCHP21	GCHP21
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	10	10	10	31
MS % Recovery:	100	100	100	103
Dup. Result:	9.8	9.5	9.2	28
MSD % Recov.:	98	95	92	93
RPD:	2.0	5.1	8.3	10
RPD Limit:	0-50	0-50	0-50	0-50
LCS #:	BLK041296	BLK041296	BLK041296	BLK041296
Prepared Date:	4/12/96	4/12/96	4/12/96	4/12/96
Analyzed Date:	4/12/96	4/12/96	4/12/96	4/12/96
Instrument I.D.#:	GCHP21	GCHP21	GCHP21	GCHP21
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
LCS Result:	10	10	10	31
LCS % Recov.:	100	100	100	103
MS/MSD LCS Control Limits	70-130	70-130	70-130	70-130

SEQUOIA ANALYTICAL

Todd Olive
Project Manager

Please Note:
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** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

RUST ENVIRONMENT & INFRASTRUCTURE
695 River Oaks Parkway
San Jose, CA 95134
Tel: (408) 232-2800
Fax: (408) 232-2801

CHAIN OF CUSTODY RECORD

Laboratory: Sequoia
Laboratory Address: Redwood City
Results To: see your file

Shipment No.:
RUST Authorization: RAB
Page 1 of 1
Samplers: Chi Du
Recorder: (signature required)

Project: ANC-SRMP
Job Number: 35195.700 Date:
Project Manager: Dick Burzinski / Ed Alusow

ANALYSIS REQUESTED

ITEM NO.	SAMPLE NUMBER	Location of Sample	DATE AND TIME SAMPLED Date	Time	MATRIX	Preservatives Temp	Chemical	Filtered ✓	No. of Containers	LUFT TPH d	LUFT TPH g/BTEX	COMMENTS
1	SRMP-3		4-3-96	1200	H_2O	4°c	HCl		5	X	X	9604353
2	MW-14R		↓	1115	H_2O	4°c	HCl		5	X	X	
3	MW-9R		↓	1025	H_2O	4°c	HCl		5	X	X	
4						4°c						
5						4°c						
6						4°c						
7						4°c						
8						4°c						
9						4°c						
10						4°c						
11						4°c						
12						4°c						

MISCELLANEOUS

Method of Shipment	Airbill Number	Cooler Number

COMMENTS:
Standard QA/QC
Normal TAT

LABORATORY COPY WHITE PROJECT COPY YELLOW FIELD or OFFICE COPY PINK

CHAIN OF CUSTODY RECORD

Relinquished by: (signature & affiliation)	Date/Time	Received by: (signature & affiliation)	Date/Time
[signature]	4/3/96 1540		
Relinquished by: (signature & affiliation)	Date/Time	Received by: (signature & affiliation)	Date/Time
Relinquished by (signature & affiliation)	Date/Time	Received by: (signature & affiliation)	Date/Time
Relinquished by: (signature & affiliation)	Date/Time	Received by. (signature & affiliation)	Date/Time
Dispatched by. (signature & affiliation)	Date/Time	Received for lab by: [signature]	Date/Time 4/3/96 1540

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Client Proj. ID: 35195.700/ANC-SRMP
Lab Proj. ID: 9604380

Sampled: 04/03/96
Received: 04/03/96
Analyzed: see below

Attention: Dick Burzinski

Reported: 04/23/96

LABORATORY ANALYSIS

Analyte	Units	Date Analyzed	Detection Limit	Sample Results
Lab No: 9604380-01				
Sample Desc : **LIQUID,SRMP-4**				
Lead	mg/L	04/11/96	0.0050	N.D.
Zinc	**mg/L**	**04/11/96**	**0.010**	**0.013**

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP
Sample Descript: SRMP-4
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9604380-01

Sampled: 04/03/96
Received: 04/03/96
Extracted: 04/15/96
Analyzed: 04/20/96
Reported: 04/23/96

QC Batch Number: GC0412960HBPEXA
Instrument ID: GCHP4A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	50	80
Chromatogram Pattern: **Unidentified HC**		C9-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	101

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

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Project Manager

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Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP
Sample Descript: SRMP-4
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9604380-01

Sampled: 04/03/96
Received: 04/03/96
Extracted: 04/15/96
Analyzed: 04/20/96
Reported: 04/23/96

QC Batch Number: GC0412960HBPEXA
Instrument ID: GCHP4A

Fuel Fingerprint : Mineral Spirits

Analyte	Detection Limit ug/L	Sample Results ug/L
Extract. HC as Mineral Spirits Chromatogram Pattern:	50	N.D.

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	101

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP
Sample Descript: SRMP-4
Matrix: LIQUID
Analysis Method: EPA 8240
Lab Number: 9604380-01

Sampled: 04/03/96
Received: 04/03/96

Analyzed: 04/10/96
Reported: 04/23/96

QC Batch Number: MS0410968240H6A
Instrument ID: H6

Volatile Organics (EPA 8240)

Analyte	Detection Limit ug/L	Sample Results ug/L
Acetone	10	N.D.
Benzene	2.0	N.D.
Bromodichloromethane	2.0	N.D.
Bromoform	2.0	N.D.
Bromomethane	2.0	N.D.
2-Butanone	10	N.D.
Carbon disulfide	2.0	N.D.
Carbon tetrachloride	2.0	N.D.
Chlorobenzene	2.0	N.D.
Chloroethane	2.0	N.D.
2-Chloroethyl vinyl ether	10	N.D.
Chloroform	2.0	N.D.
Chloromethane	2.0	N.D.
Dibromochloromethane	2.0	N.D.
1,1-Dichloroethane	2.0	N.D.
1,2-Dichloroethane	2.0	N.D.
1,1-Dichloroethene	2.0	N.D.
cis-1,2-Dichloroethene	2.0	N.D.
trans-1,2-Dichloroethene	2.0	N.D.
1,2-Dichloropropane	2.0	N.D.
cis-1,3-Dichloropropene	2.0	N.D.
trans-1,3-Dichloropropene	2.0	N.D.
Ethylbenzene	2.0	N.D.
2-Hexanone	10	N.D.
Methylene chloride	5.0	N.D.
4-Methyl-2-pentanone	10	N.D.
Styrene	2.0	N.D.
1,1,2,2-Tetrachloroethane	2.0	N.D.
Tetrachloroethene	**2.0**	**5.1**
Toluene	2.0	N.D.
1,1,1-Trichloroethane	2.0	N.D.
1,1,2-Trichloroethane	2.0	N.D.
Trichloroethene	2.0	N.D.
Trichlorofluoromethane	2.0	N.D.
Vinyl acetate	5.0	N.D.
Vinyl chloride	2.0	N.D.

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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP
Sample Descript: SRMP-4
Matrix: LIQUID
Analysis Method: EPA 8240
Lab Number: 9604380-01

Sampled: 04/03/96
Received: 04/03/96

Analyzed: 04/10/96
Reported: 04/23/96

QC Batch Number: MS0410968240H6A
Instrument ID: H6

Analyte	Detection Limit ug/L	Sample Results ug/L
Total Xylenes	2.0	N.D.

Surrogates	Control Limits %		% Recovery
1,2-Dichloroethane-d4	76	114	94
Toluene-d8	88	110	98
4-Bromofluorobenzene	86	115	101

Analytes reported as N.D were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

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Rust E & I
695 River Oaks Parkway
San Jose, CA 95134
Attention: Dick Burzinski

Client Project ID: 35195.700 / ANC-SRMP
Matrix: Liquid
Work Order #: 9604380 01

Reported: Apr 24, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Beryllium	Cadmium	Chromium	Nickel	Lead
QC Batch#:	ME0411966010MDB	ME0411966010MDB	ME0411966010MDB	ME0411966010MDB	ME0411967000MDA
Analy. Method:	EPA 6010	EPA 6010	EPA 6010	EPA 6010	EPA 239.2
Prep. Method:	EPA 3010	EPA 3010	EPA 3010	EPA 3010	EPA 3020
Analyst:	S. O'Donnell	S. O'Donnell	S. O'Donnell	S. O'Donnell	W. Thant
MS/MSD #:	960438001	960438001	960438001	960438001	960438001
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	ND.
Prepared Date:	4/11/96	4/11/96	4/11/96	4/11/96	4/11/96
Analyzed Date:	4/11/96	4/11/96	4/11/96	4/11/96	4/11/96
Instrument I.D.#:	MTJA2	MTJA2	MTJA2	MTJA2	MTJA1
Conc. Spiked:	1.0 mg/L	1.0 mg/L	1.0 mg/L	1.0 mg/L	0.050 mg/L
Result:	0.99	0.99	0.96	0.96	0.040
MS % Recovery:	99	99	96	96	80
Dup. Result:	0.84	0.84	0.83	0.81	0.038
MSD % Recov.:	84	84	83	81	76
RPD:	16	16	15	15	5.1
RPD Limit:	0-30	0-30	0-30	0-30	0-30
LCS #:	BLK041196	BLK041196	BLK041196	BLK041196	BLK041196
Prepared Date:	4/11/96	4/11/96	4/11/96	4/11/96	4/11/96
Analyzed Date:	4/11/96	4/11/96	4/11/96	4/11/96	4/11/96
Instrument I.D.#:	MTJA2	MTJA2	MTJA2	MTJA2	MTJA1
Conc. Spiked:	1.0 mg/L	1.0 mg/L	1.0 mg/L	1.0 mg/L	0.050 mg/L
LCS Result:	1.1	1.1	1.0	1.0	0.052
LCS % Recov.:	110	110	100	100	104
MS/MSD LCS Control Limits	75-125	75-125	75-125	75-125	75-125

SEQUOIA ANALYTICAL

Todd Olive
Project Manager

Please Note:
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

Sequoia Analytical

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Rust E & I
695 River Oaks Parkway
San Jose, CA 95134
Attention: Dick Burzinski

Client Project ID: 35195.700 / ANC-SRMP
Matrix: Liquid
Work Order #: 9604380 01

Reported: Apr 24, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Diesel
QC Batch#:	GC0412960HBPEXA
Analy. Method:	EPA 8015M
Prep. Method:	EPA 3510
Analyst:	J. Minkel
MS/MSD #:	960483101
Sample Conc.:	4300
Prepared Date:	4/12/96
Analyzed Date:	4/16/96
Instrument I.D.#:	GCHP4A
Conc. Spiked:	1000 µg/L
Result:	5600
MS % Recovery:	130
Dup. Result:	4800
MSD % Recov.:	50
RPD:	15
RPD Limit:	0-50

LCS #:	BLK041596
Prepared Date:	4/15/96
Analyzed Date:	4/16/96
Instrument I.D.#:	GCHP4A
Conc. Spiked:	1000 µg/L
LCS Result:	520
LCS % Recov.:	52

MS/MSD LCS Control Limits	50-150

SEQUOIA ANALYTICAL

Todd Olive
Project Manager

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Rust E & I
695 River Oaks Parkway
San Jose, CA 95134
Attention: Dick Burzinski

Client Project ID: 35195.700 / ANC-SRMP
Matrix: Liquid
Work Order #: 9604380 01

Reported: Apr 24, 1996

QUALITY CONTROL DATA REPORT

Analyte:	1,1-Dichloroethene	Trichloroethene	Benzene	Toluene	Chloro-benzene
QC Batch#:	MS0410968240H6A	MS0410968240H6A	MS0410968240H6A	MS0410968240H6A	MS0410968240H6A
Analy. Method:	EPA 8240	EPA 8240	EPA 8240	EPA 8240	EPA 8240
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	L. Duong	L. Duong	L. Duong	L. Duong	L. Duong
MS/MSD #:	960439601	960439601	960439601	960439601	960439601
Sample Conc.:	N.D.	N.D.	N.D.	24	N.D.
Prepared Date:	4/10/96	4/10/96	4/10/96	4/10/96	4/10/96
Analyzed Date:	4/10/96	4/10/96	4/10/96	4/10/96	4/10/96
Instrument I.D.#:	H6	H6	H6	H6	H6
Conc. Spiked:	50 µg/L	50 µg/L	50 µg/L	50 µg/L	50 µg/L
Result:	39	44	49	49	47
MS % Recovery:	98	88	98	93	94
Dup. Result:	42	47	53	54	52
MSD % Recov.:	84	94	106	103	104
RPD:	7.4	6.6	7.8	10	10
RPD Limit:	0-50	0-50	0-50	0-50	0-50
LCS #:	VB041096	VB041096	VB041096	VB041096	VB041096
Prepared Date:	4/10/96	4/10/96	4/10/96	4/10/96	4/10/96
Analyzed Date:	4/10/96	4/10/96	4/10/96	4/10/96	4/10/96
Instrument I.D.#:	H6	H6	H6	H6	H6
Conc. Spiked:	50 µg/L	50 µg/L	50 µg/L	50 µg/L	50 µg/L
LCS Result:	41	46	52	50	50
LCS % Recov.:	82	92	104	100	100
MS/MSD LCS Control Limits	40-140	70-140	40-130	40-130	40-140

SEQUOIA ANALYTICAL

Todd Olive
Project Manager

Please Note:
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** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

RUST ENVIRONMENT & INFRASTRUCTURE
695 River Oaks Parkway
San Jose, CA 95134
Tel: (408) 232-2800
Fax: (408) 232-2801

CHAIN OF CUSTODY RECORD

Laboratory: Sequoia
Laboratory Address: Redwood City
Results To: see your file

Shipment No.:
RUST Authorization: RAB
Page 1 of 1
Samplers: Chi Dn
Recorder: (signature required)

Project: ANC-SRMP
Job Number: 35195.700 Date:
Project Manager: Dick Burzinski / Ed Alusow

ITEM NO.	SAMPLE NUMBER	Location of Sample	DATE AND TIME SAMPLED: Date	Time	MATRIX	Preservatives: Temp	Chemical	Filtered	No. of Containers	LUFT TPHd	LUFT TPH as mineral spirits	EPA 8240	TOTAL ZINC by 6010	TOTAL LEAD SW846-7421 (AA Furnace)	COMMENTS
1	SRMP-4		4.3.96	1325	H_2O	4°c	HCl HNO_3	✓	7	X	X	X	X	X	9604380 01
2						4°c									
3						4°c									
4						4°c									
5						4°c									
6						4°c									
7						4°c									
8						4°c									
9						4°c									
10						4°c									
11						4°c									
12						4°c									

ANALYSIS REQUESTED

MISCELLANEOUS

Method of Shipment	Airbill Number	Cooler Number

COMMENTS:
Standard QA/QC
Normal TAT

LABORATORY COPY WHITE — PROJECT COPY YELLOW — FIELD or OFFICE COPY PINK

CHAIN OF CUSTODY RECORD

Relinquished by: (signature & affiliation)	Date/Time	Received by: (signature & affiliation)	Date/Time
[signature]	4/3/96 1540		
Relinquished by: (signature & affiliation)	Date/Time	Received by: (signature & affiliation)	Date/Time
Relinquished by: (signature & affiliation)	Date/Time	Received by: (signature & affiliation)	Date/Time
Relinquished by: (signature & affiliation)	Date/Time	Received by: (signature & affiliation)	Date/Time
Dispatched by: (signature & affiliation)	Date/Time	Received for lab by: [signature]	Date/Time 4/3/96 1540

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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP
Sample Descript: SRMP-2
Matrix: LIQUID
Analysis Method: EPA 8240
Lab Number: 9604416-01

Sampled: 04/03/96
Received: 04/03/96

Analyzed: 04/10/96
Reported: 04/15/96

QC Batch Number: MS0410968240H6A
Instrument ID: H6

Volatile Organics (EPA 8240)

Analyte	Detection Limit ug/L	Sample Results ug/L
Acetone	10	N.D.
Benzene	2.0	N.D.
Bromodichloromethane	2.0	N.D.
Bromoform	2.0	N.D.
Bromomethane	2.0	N.D.
2-Butanone	10	N.D.
Carbon disulfide	2.0	N.D.
Carbon tetrachloride	2.0	N.D.
Chlorobenzene	2.0	N.D.
Chloroethane	2.0	N.D.
2-Chloroethyl vinyl ether	10	N.D.
Chloroform	2.0	N.D.
Chloromethane	2.0	N.D.
Dibromochloromethane	2.0	N.D.
1,1-Dichloroethane	2.0	N.D.
1,2-Dichloroethane	2.0	N.D.
1,1-Dichloroethene	2.0	N.D.
cis-1,2-Dichloroethene	2.0	N.D.
trans-1,2-Dichloroethene	2.0	N.D.
1,2-Dichloropropane	2.0	N.D.
cis-1,3-Dichloropropene	2.0	N.D.
trans-1,3-Dichloropropene	2.0	N.D.
Ethylbenzene	2.0	N.D.
2-Hexanone	10	N.D.
Methylene chloride	5.0	N.D.
4-Methyl-2-pentanone	10	N.D.
Styrene	2.0	N.D.
1,1,2,2-Tetrachloroethane	2.0	N.D.
Tetrachloroethene	2.0	N.D.
Toluene	2.0	N.D.
1,1,1-Trichloroethane	2.0	N.D.
1,1,2-Trichloroethane	2.0	N.D.
Trichloroethene	2.0	N.D.
Trichlorofluoromethane	2.0	N.D.
Vinyl acetate	5.0	N.D.
Vinyl chloride	2.0	N.D.

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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Dick Burzinski

Client Proj. ID: 35195.700/ANC-SRMP
Sample Descript: SRMP-2
Matrix: LIQUID
Analysis Method: EPA 8240
Lab Number: 9604416-01

Sampled: 04/03/96
Received: 04/03/96

Analyzed: 04/10/96
Reported: 04/15/96

QC Batch Number: MS0410968240H6A
Instrument ID: H6

Analyte	Detection Limit ug/L	Sample Results ug/L
Total Xylenes	2.0	N.D.

Surrogates	Control Limits %		% Recovery
1,2-Dichloroethane-d4	76	114	96
Toluene-d8	88	110	97
4-Bromofluorobenzene	86	115	100

Analytes reported as N.D. were not present above the stated limit of detection

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

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Rust E & I
695 River Oaks Parkway
San Jose, CA 95134
Attention: Dick Burzinski

Client Project ID: 35195.700 / ANC-SRMP
Matrix: Liquid
Work Order #: 9604416 01

Reported: Apr 16, 1996

QUALITY CONTROL DATA REPORT

Analyte:	1,1-Dichloroethene	Trichloroethene	Benzene	Toluene	Chloro-benzene
QC Batch#:	MS0410968240H6A	MS0410968240H6A	MS0410968240H6A	MS0410968240H6A	MS0410968240H6A
Analy. Method:	EPA 8240	EPA 8240	EPA 8240	EPA 8240	EPA 8240
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	L. Duong	L. Duong	L. Duong	L. Duong	L. Duong
MS/MSD #:	960439601	960439601	960439601	960439601	960439601
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.
Prepared Date:	4/10/96	4/10/96	4/10/96	4/10/96	4/10/96
Analyzed Date:	4/10/96	4/10/96	4/10/96	4/10/96	4/10/96
Instrument I.D.#:	H6	H6	H6	H6	H6
Conc. Spiked:	50 µg/L	50 µg/L	50 µg/L	50 µg/L	50 µg/L
Result:	39	44	49	49	47
MS % Recovery:	98	88	98	93	94
Dup. Result:	42	47	53	54	52
MSD % Recov.:	84	94	106	103	104
RPD:	7.4	6.6	7.8	10	10
RPD Limit:	0-50	0-50	0-50	0-50	0-50
LCS #:	VB041096	VB041096	VB041096	VB041096	VB041096
Prepared Date:	4/10/96	4/10/96	4/10/96	4/10/96	4/10/96
Analyzed Date:	4/10/96	4/10/96	4/10/96	4/10/96	4/10/96
Instrument I.D.#:	H6	H6	H6	H6	H6
Conc. Spiked:	50 µg/L	50 µg/L	50 µg/L	50 µg/L	50 µg/L
LCS Result:	41	46	52	50	50
LCS % Recov.:	82	92	104	100	100
MS/MSD LCS Control Limits	40-140	70-140	40-130	40-130	40-140

SEQUOIA ANALYTICAL

Todd Olive
Project Manager

Please Note:
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

RUST ENVIRONMENT & INFRASTRUCTURE
695 River Oaks Parkway
San Jose, CA 95134
Tel: (408) 232-2800
Fax: (408) 232-2801

CHAIN OF CUSTODY RECORD

Laboratory: Sequoia
Laboratory Address: Redwood City
Results To: See your file

Shipment No.:
RUST Authorization: RAB
Page 1 of 1
Samplers: CHI DU
Recorder: (signature required)

Project: ANC-SRMP
Job Number: 35195.700 Date:
Project Manager: Dick Burzinski / Ed Glusow

9404416

ITEM NO.	SAMPLE NUMBER	Location of Sample	DATE AND TIME SAMPLED		MATRIX	Preservatives		ANALYSIS REQUESTED			COMMENTS
			Date	Time		Temp	Chemical	Filtered ✓	No. of Containers	EPA 8240	
1	SRMP-2		4-3-96	1430	H_2O	4°c	HCl		3	X	
2						4°c					
3						4°c					
4						4°c					
5						4°c					
6						4°c					
7						4°c					
8						4°c					
9						4°c					
10						4°c					
11						4°c					
12						4°c					

MISCELLANEOUS

Method of Shipment	Airbill Number	Cooler Number

COMMENTS:
Standard QA/QC
Normal TAT

LABORATORY COPY WHITE | PROJECT COPY YELLOW | FIELD or OFFICE COPY PINK

CHAIN OF CUSTODY RECORD

Relinquished by: (signature & affiliation)	Date/Time	Received by: (signature & affiliation)	Date/Time
[signature]	4/3/96 1540		
Relinquished by: (signature & affiliation)	Date/Time	Received by: (signature & affiliation)	Date/Time
Relinquished by (signature & affiliation)	Date/Time	Received by: (signature & affiliation)	Date/Time
Relinquished by (signature & affiliation)	Date/Time	Received by: (signature & affiliation)	Date/Time
Dispatched by: (signature & affiliation)	Date/Time	Received for lab by: [signature]	Date/Time 4/3/96 1540