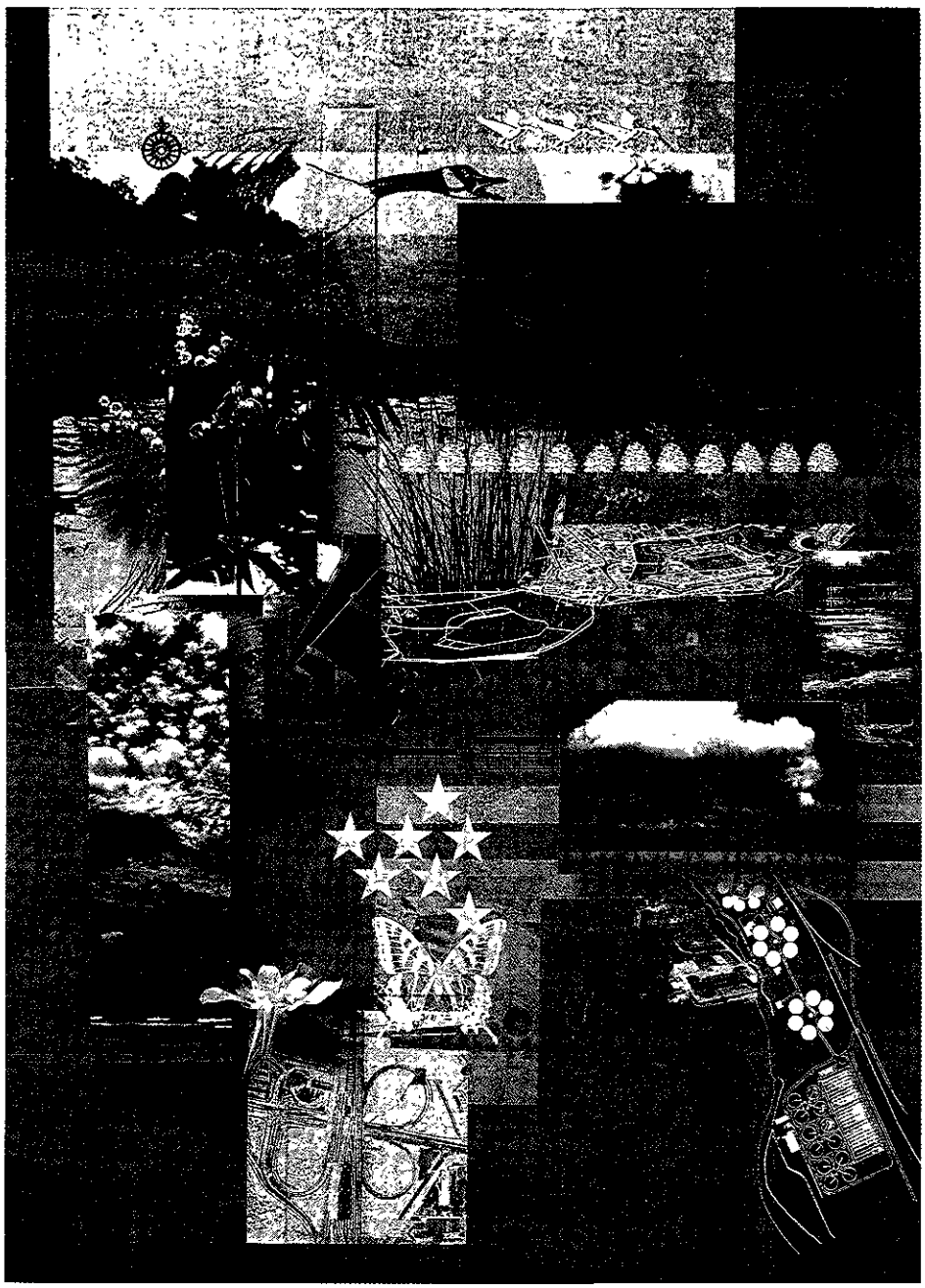
Quality • Integrity • Creativity • Responsiveness



Quality through teamwork

SRMP QUARTERLY GROUNDWATER MONITORING REPORT: FIRST QUARTER, 1996

FORMER ANC FACILITY
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OAKLAND, CA 94601

Prepared for:

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March, 1996

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March 12, 1996

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ENVIRONMENTAL PROTECTION
96 MAR 14 AM 9:26

Barney M. Chan
Hazardous Materials Specialist
Department of Environmental Health
1131 Harbor Bay Parkway, Room 250
Alameda, California 94502

RE: American National Can Company
Former Oakland, California Facility

Dear Mr. Chan:

Rust Environment & Infrastructure (Rust) has completed a 19th round of quarterly groundwater monitoring at the subject site. This is the second 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.

I. SITEWIDE WATER LEVEL MONITORING

Table 1 is a summary of water levels and corresponding groundwater elevations measured on January 2, 1996, February 5, 1996 and March 5, 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.

The groundwater elevation recorded in monitoring well MW-5 on January 2, 1996 was 2.85 feet above mean sea level (amsl). This is approximately 1 foot lower, compared to surrounding Area 3 wells, than

has typically been observed in the past. This elevation is believed to reflect a water level measurement error. Because of this, the recorded groundwater elevation was not utilized in preparing the groundwater contour map (Figure 1), although it was spotted on the map.

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 March 5, 1996. Figure 2a, 2b and 3, have been similarly updated with data obtained through March 5, 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 January 31, 1996. Between September 30, 1995 and December 31, 1995, precipitation was apparently not recorded by the National Weather Service (NWS) at the Oakland Museum Recording Station. Daily precipitation data between September 30, 1995 and January 31, 1996 (shown on Figures 2a and 2b) was recorded by the NWS at the Upper San Leandro Filtration Plant, located 3.4 miles east of the site. Although precipitation at the two recording stations will not be exactly the same, overall precipitation trends will be similar. For the purposes of this monitoring program, it is necessary only to demonstrate trends in precipitation and therefore usage of data from the two recording stations is considered justifiable.

As shown on Table 2, the mound height at monitoring well MW-2 on January 2, 1996 reached its lowest point (0.51 feet) since November 7, 1994. As shown on Figure 2a, this occurred because the groundwater elevation off the mound (MW-4) increased more than it did on the mound (MW-2). This is consistent with historical trends at this time of year. From January 2, 1996 to March 5, 1996, the groundwater elevation at MW-2 (on mound) increased more than it did at MW-4 (off mound) and the resulting mound height measured at MW-2 increased to 1.92 feet.

The mound height measured at well MW-3 on January 2, 1996 (3.11 feet) is inaccurate if the reported groundwater elevation at well MW-5 is incorrect as discussed above (i.e., mound height at MW-3 is calculated as the difference in groundwater elevation between wells MW-3 and MW-5). If the groundwater elevation at MW-5 on this date was actually 1 foot higher than reported, the mound height on this date would be 1 foot lower (2.11 feet). This would be consistent with existing data, historical data and trends. The February 5, 1996 (1.94 feet) and March 5, 1996 (1.96 feet) measurements show the mound height at MW-3 remaining consistent at just below 2 feet.

Area 3 Product Thickness Monitoring

Table 3 has been updated with the thickness of product measured in Area 3 wells through March 5, 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 are generally consistent with historical data. The product thickness in wells GW-2R, MW-2 and MW-5 generally decreased during the monitoring period, compared with the December, 1995 thickness measurements. As shown on Figure 2a, the thickness of product in well GW-2R decreased significantly which corresponded with an increase in groundwater elevation. This is a relationship that has been apparent in Area 3 wells during previous monitoring.

The product thickness in well MW-2 (Figure 2b) decreased to 0.01 feet on January 2, 1996 and February 5, 1996 which also corresponded with an increase in the groundwater elevation. The product thickness increased in well MW-2 on March 5, 1996 (0.11 feet). This is anomalous with historical data considering that the groundwater elevation was still higher on this date.

Product was not present in well MW-5 on January 2, 1996. During previous monitoring, product thickness in this well typically decreased or disappeared altogether when the groundwater elevation increased. However, the groundwater elevation for MW-5 on this date (2.85 feet amsl) was recorded to be essentially the same as it was on December 4, 1995 (2.84 feet amsl). This further substantiates, as previously discussed, that the MW-5 groundwater elevation for January 2, 1995 may have been measured erroneously low.

A thin layer of product was detected in well MW-4 on February 5, 1996 (0.01 feet) and March 5, 1996 (0.005 feet). This was the first time that product has been observed in this well since monitoring began in 1991. This condition will continue to be monitored in the future and product will be removed, by bailing, if it becomes thicker than 0.02 feet. The presence of product in this well will likely preclude the collection of representative groundwater samples for chemical analysis.

III. GROUNDWATER QUALITY MONITORING

Tables 4 through 8 provide a summary of analytical results from this round of sampling and also include the results of the previous round, conducted in October, 1995. Highlights of the analytical results from the latest round of sampling are summarized as follows:

Area 2

- A low concentration of total xylenes (0.62 µg/l) was detected in the sample from well TW-1R. This is the first time that any BTEX compounds have been detected in Area 2 groundwater samples. Future data will be reviewed to determine the authenticity of this single result. At this time, the result is not considered significant.

- The concentration of TPH as diesel in well SRMP-1 increased to 150 µg/l. This increase is likely attributable to seasonal recharge to groundwater. The result is still well 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 (5.1 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.

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- Product was present in wells MW-4 and GW-1R prior to the wells being sampled. It is believed that the analytical results from the samples from these wells were affected by this product. This may have resulted in concentrations that are higher than that which would be representative of groundwater quality. As a result, these wells will not be sampled during any future monitoring event when product is detected.

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

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- Analytical results from the sample from well SRMP-4 were consistent with the October, 1995 data.

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

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- The concentration of acetone in well SRMP-2 (75 µg/l) increased slightly from the October, 1995 result (51 µg/l). This increase is likely reflective of a seasonal trend and will continue to be monitored.

(MEK)

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A detailed laboratory analytical report of the results of groundwater analyses obtained from this quarterly monitoring event is appended.

In summary, the results of the last round of quarterly groundwater monitoring are generally consistent with previous data for the site. If you have any questions, please call me.

Sincerely,

Edward W. Alusow

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Senior Project Manager

EWA/ajl

Enclosures

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March 12, 1996

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Barney M. Chan
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Sincerely,

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Senior Project Manager

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Enclosures

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

Summary of Site-Wide Water Level Measurements

Well Number	Measuring Point Elevation	1/2/96 Depth To Product	1/2/96 Depth To Water	1/2/96 Water Table Elevation	2/5/96 Depth To Product	2/5/96 Depth To Water	2/5/96 Water Table Elevation	3/5/96 Depth To Product	3/5/96 Depth To Water	3/5/96 Water Table Elevation
MW-1R	16.22		12.60	3.62		10.93	5.29		10.04	6.18
MW-2	16.36	11.86	11.87	4.50	10.72	10.73	5.64	9.60	9.71	6.74
MW-3	16.25	10.29	10.29	5.96	9.98	9.99	6.27	9.69	9.71	6.56
MW-4	16.04		12.05	3.99	11.35	11.355	4.69	11.22	11.225	4.82
MW-5	14.78	11.93	11.93	2.85	10.45	10.45	4.33	10.18	10.185	4.60
MW-6	14.32		10.74	3.58		10.00	4.32		10.09	4.23
MW-7	16.27		12.29	3.98		11.40	4.87		11.29	4.98
MW-9R	13.42		10.65	2.77		9.65	3.77		10.06	3.36
MW-13	17.96		8.12	9.84		7.20	10.76		7.19	10.77
MW-14R	13.18		10.27	2.91		9.23	3.95		8.70	4.48
GW-1R	17.36		13.35	4.01	12.34	12.34	5.02	11.12	11.125	6.24
GW-2R	15.81	12.31	12.69	3.44	11.54	11.90	4.21	11.68	12.04	4.07
TW-1R	17.49		10.77	6.72		9.45	8.04		9.56	7.93
SRMP-1	16.67		10.24	6.43		8.94	7.73		9.02	7.65
SRMP-2	13.33		8.74	4.59		8.08	5.25		8.11	5.22
SRMP-3	14.34		11.05	3.29		10.17	4.17		10.41	3.93
SRMP-4	13.06		9.91	3.15		9.00	4.06		9.38	3.68

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.

2.85 The Jan 2, 1996 groundwater elevation for MW-5 is approximately 1 foot lower, compared to surrounding wells, than is typically observed. This possibly reflects a measurement error.

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
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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
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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

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.

TBL2MAR.XLS

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
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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

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		
	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
Toluene	nd	nd	nd	nd	nd	nd
Ethylbenzene	nd	nd	nd	nd	nd	nd
Total Xylenes	nd	nd	nd	nd	**0.62**	nd
TPH as Diesel (EPA Method 8015 Mod)(ug/l)	**340**	**1100**	**87**	**390**	**1800**	**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
Zinc	**3.3**	--	--	**5.1**	nd	**0.019**

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				
	MW-1R	MW-4	MW-6	MW-7	GW-1R	MW-1R	MW-4	MW-6	MW-7	GW-1R
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
Acetone	nd	nd	nd	nd	nd	nd	nd	nd	nd	**52**
Benzene	**21**	**220**	nd	nd	**330**	**5.3**	**180**	nd	nd	**330**
Chlorobenzene	**50**	**32**	nd	nd	nd	**22**	**31**	nd	nd	nd
Chloroethane	nd	nd	nd	nd	nd	nd	**7.5**	nd	nd	**6.1**
1,1-Dichloroethane	**3.4**	nd	**5.6**	nd	nd	**5.6**	nd	**18**	nd	nd
1,2-Dichloroethane	nd	nd	nd	nd	nd	**9.4**	nd	nd	nd	nd
cis-1,2-Dichloroethene	**5.4**	nd	nd	nd	**180**	**5.5**	nd	nd	nd	**100**
trans-1,2-Dichloroethene	nd	nd	nd	nd	**14**	nd	nd	nd	nd	**7.7**
Ethylbenzene	nd	**8.2**	nd	nd	**67**	nd	**5.8**	nd	nd	**43**
2-Hexanone	nd	nd	nd	nd	nd	nd	nd	nd	nd	**29**
Toluene	nd	**6.8**	nd	nd	**150**	nd	**6.3**	nd	nd	**110**
1,1,1-Trichloroethane	nd	nd	nd	nd	nd	nd	nd	**2.5**	nd	nd
Vinyl Chloride	**2.5**	nd	nd	nd	**640**	**2.8**	nd	nd	nd	**460**
Total Xylenes	**4.4**	**21**	nd	nd	**270**	nd	**20**	nd	nd	**190**
Total VOCs	**86.7**	**288.0**	**5.6**	nd	**1651**	**50.6**	**250.6**	**20.5**	nd	**1276**
TPH as gasoline (EPA Method 8015 Mod)(ug/l)	**240**	**1400**	nd	nd	**2900**	**210**	**2000**	nd	nd	**3500**
TPH as mineral spirits (EPA Method 8015 Mod)(ug/l)	**520**	--	--	--	--	**460**	--	--	--	--
TPH as diesel (EPA Method 8015 Mod)(ug/l)	**2700**	**23000**	**180**	**500**	**16000**	**1800**	**15000**	**140**	**530**	**43000**
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
Bis(2-chloroethyl)ether	**5.8**	nd	nd	nd	nd	nd	**10.0**	nd	nd	nd
1,2-Dichlorobenzene	**17.0**	nd	nd	nd	nd	**9.6**	**17.0**	nd	nd	nd
1,4-Dichlorobenzene	**14.0**	nd	nd	nd	nd	**9.9**	**9.4**	nd	nd	nd
2,4-Dimethylphenol	nd	nd	nd	nd	**1800**	nd	nd	nd	nd	**1900**
2-Methlynaphthalene	**8.3**	nd	nd	nd	nd	nd	**21.0**	nd	nd	nd
2-Methylphenol	nd	nd	nd	nd	nd	nd	nd	nd	nd	**64**
Naphthalene	nd	nd	nd	nd	nd	nd	**10.0**	nd	nd	**91**
PCBs (EPA Method 8080)(ug/l)	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		
	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
BTEX (EPA Method 8020)(ug/l)						
Benzene	nd	nd	nd	nd	nd	nd
Toluene	nd	nd	nd	nd	nd	nd
Ethylbenzene	nd	nd	nd	nd	nd	nd
Total Xylenes	nd	nd	nd	nd	nd	nd
TPH as Diesel (EPA Method 8015 Mod)(ug/l)	**60**	**76**	**130**	nd	nd	**130**

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
Volatile Organics (EPA Method 8240)(ug/l) Dilution Factor	1.0	1.0
Tetrachloroethene	**6.2**	**5.1**
FUEL FINGERPRINT: ***MINERAL SPIRITS*** (EPA Method 8015 Mod)(ug/l)	nd	nd
TPH as Diesel (EPA Method 8015 Mod)(ug/l)	nd	nd
Metals (Unfiltered) (EPA Method 6010)(mg/l)		
Lead	nd	nd
Zinc	**0.13**	**0.011**

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

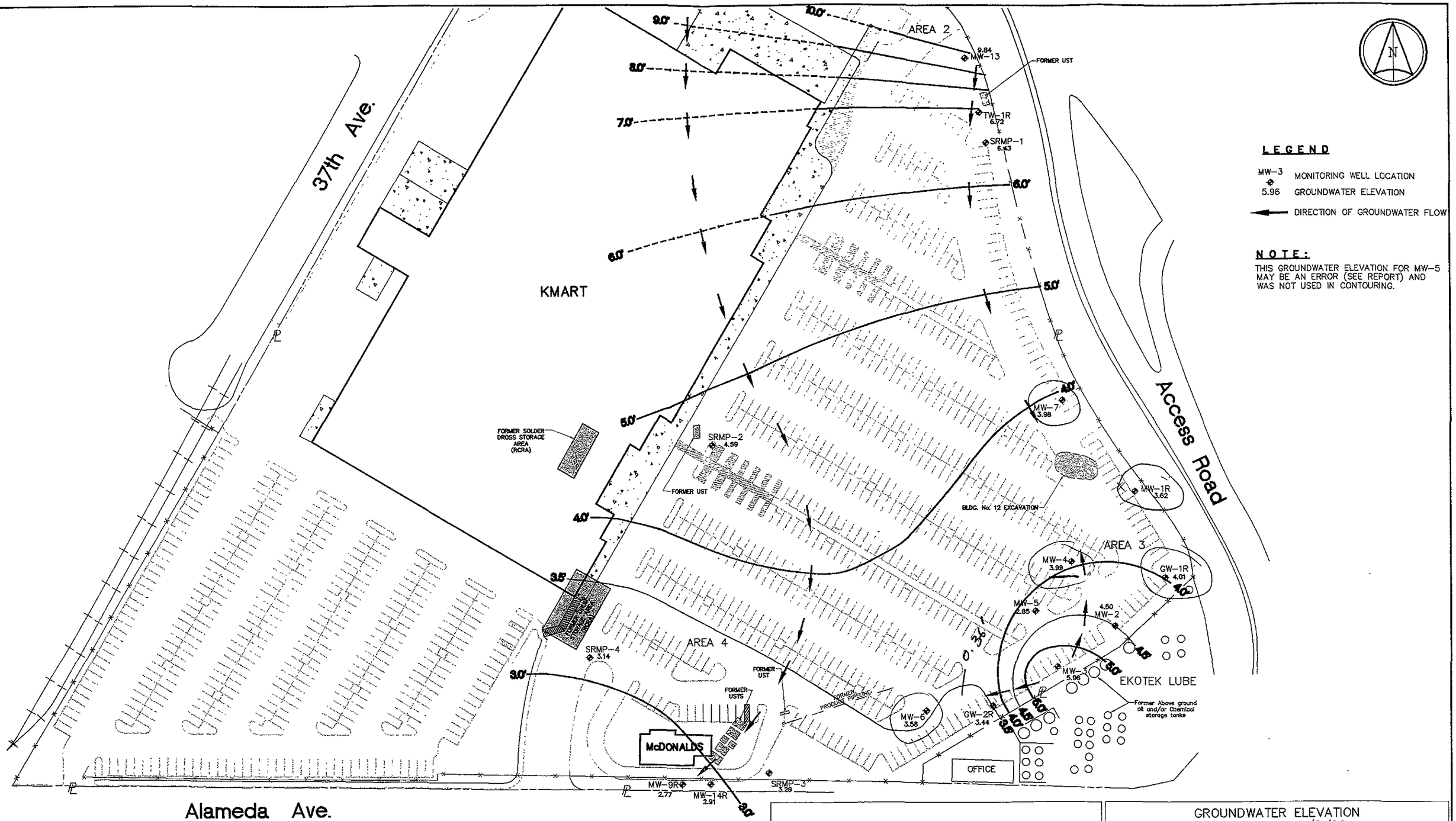
Former Acetone UST Area

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

NOTES:

- -: Indicates compound was not analyzed for.

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



LEGEND

MW-3 — MONITORING WELL LOCATION

5.96 — GROUNDWATER ELEVATION

DIRECTION OF GROUNDWATER FLOW

NOTE:

THIS GROUNDWATER ELEVATION FOR MW-5 MAY BE AN ERROR (SEE REPORT) AND WAS NOT USED IN CONTOURING.

RUST ENVIRONMENT & INFRASTRUCTURE

GROUNDWATER ELEVATION CONTOUR MAP 1/2/96

AMERICAN NATIONAL CAN COMPANY

FORMER OAKLAND PLANT

PROJECT NO.	DATE	DWG. NO.	SCALE	FIGURE NO.
35195.700	3/11/96	M8985_26	1"=100'	1

Former American National Can Company Facility
Oakland, California

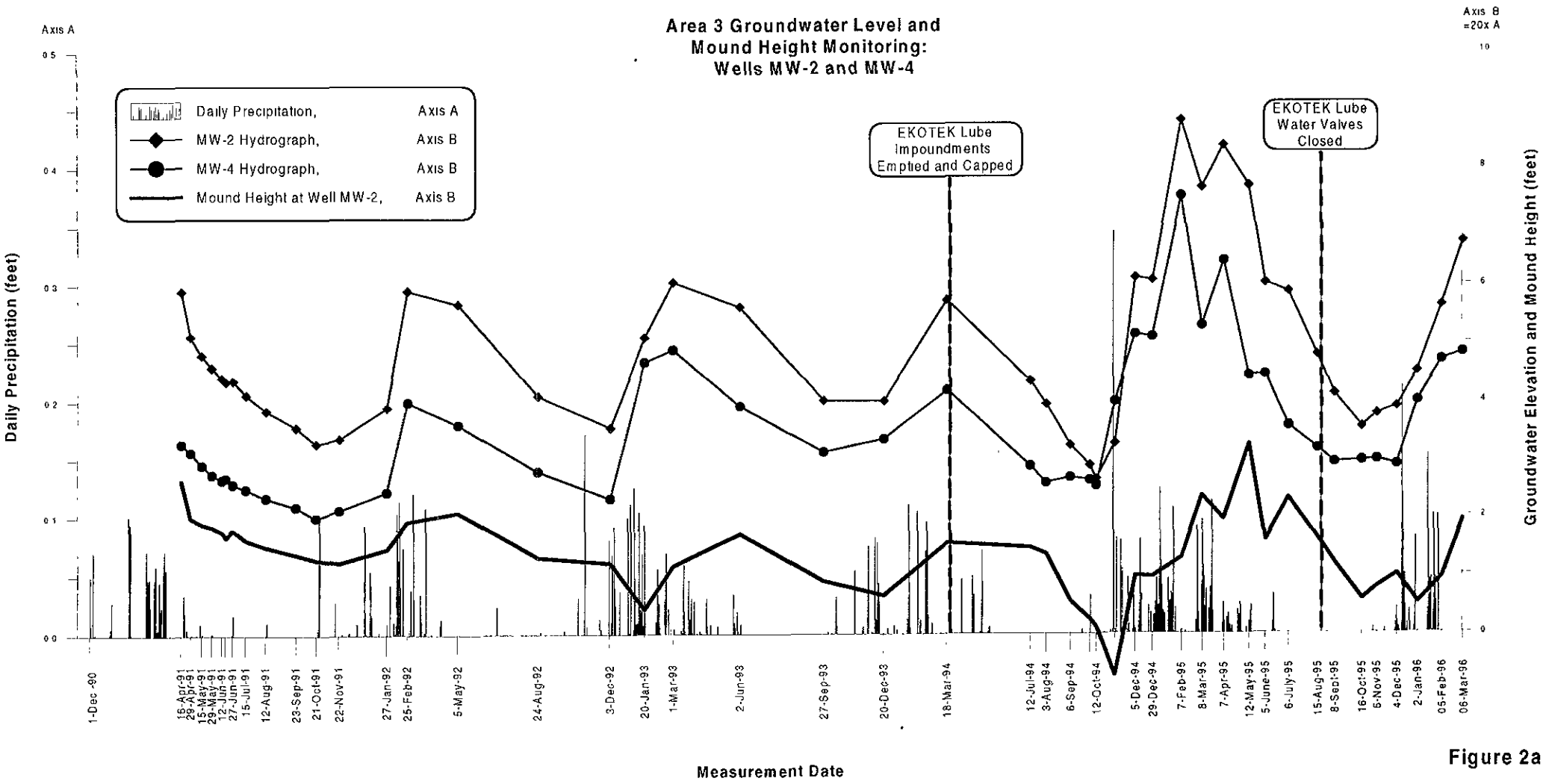


Figure 2a

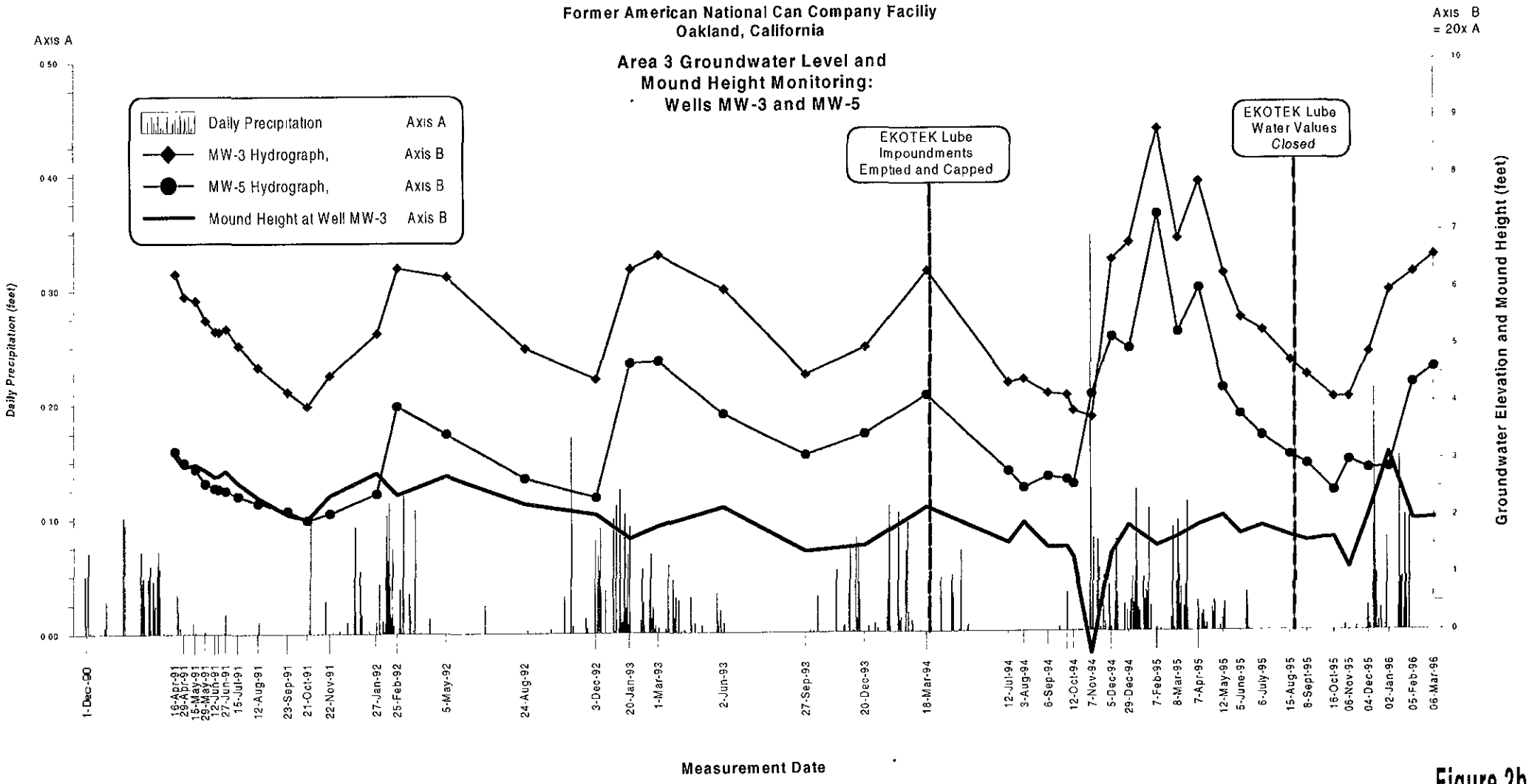

Former American National Can Company Facility
Oakland, California
Area 3 Groundwater Level and
Mound Height Monitoring:
Wells MW-3 and MW-5
Axis A
Axis B
= 20x A
Daily Precipitation
MW-3 Hydrograph,
MW-5 Hydrograph,
Mound Height at Well MW-3
Axis A
Axis B
Axis B
Axis B
EKOTEK Lube
Impoundments
Emptied and Capped
EKOTEK Lube
Water Values
Closed
Daily Precipitation (feet)
Groundwater Elevation and Mound Height (feet)
0.50
0.40
0.30
0.20
0.10
0.00
10
9
8
7
6
5
4
3
2
1
0
1-Dec-90
16-Apr-91
29-Apr-91
15-May-91
29-May-91
12-Jun-91
27-Jun-91
15-Jul-91
12-Aug-91
23-Sep-91
21-Oct-91
22-Nov-91
27-Jan-92
25-Feb-92
5-May-92
24-Aug-92
3-Dec-92
20-Jan-93
1-Mar-93
2-Jun-93
27-Sep-93
20-Dec-93
18-Mar-94
12-Jul-94
3-Aug-94
6-Sep-94
12-Oct-94
7-Nov-94
5-Dec-94
29-Dec-94
7-Feb-95
8-Mar-95
7-Apr-95
12-May-95
5-June-95
6-July-95
15-Aug-95
8-Sept-95
16-Oct-95
06-Nov-95
04-Dec-95
02-Jan-96
05-Feb-96
06-Mar-96
Measurement Date

Figure 2b

Former American National Can Company Facility
Oakland, California

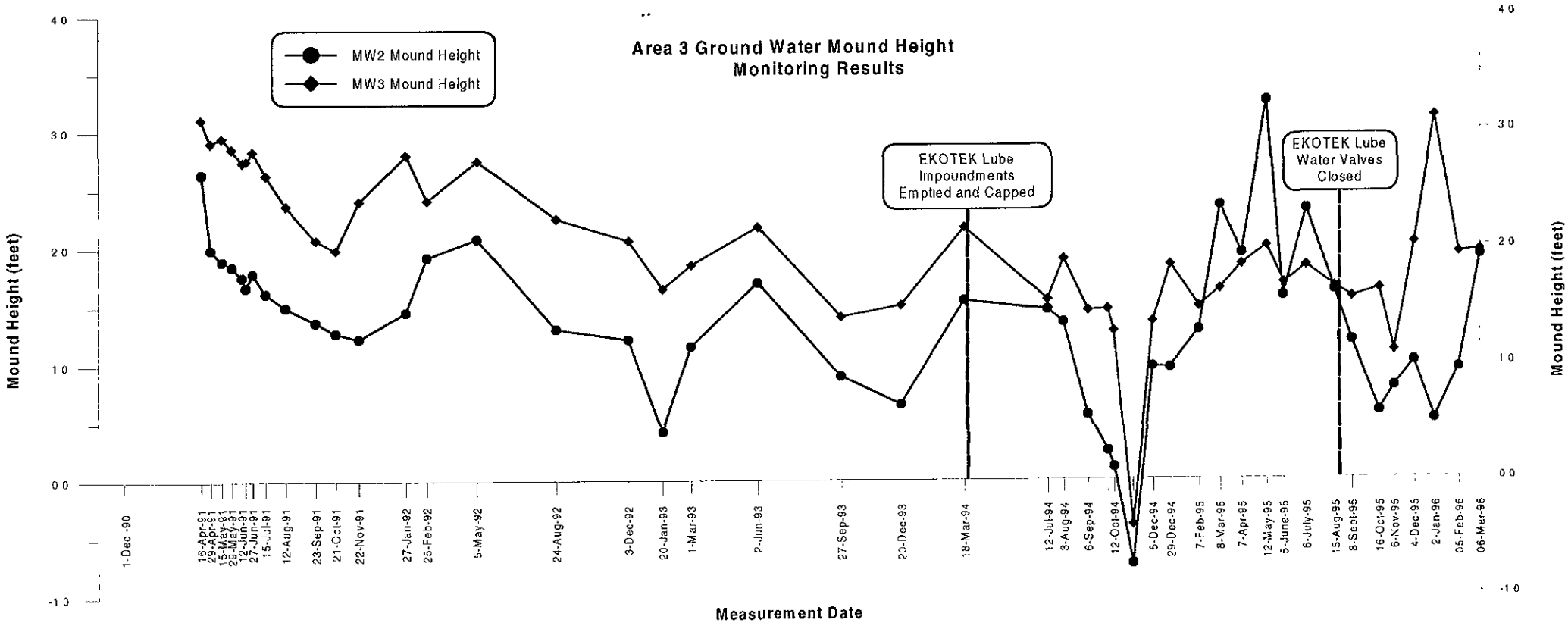


Figure 3

Former American National Can Company Facility
Oakland, California

Area 3 Product Monitoring Results:
Well GW-2R

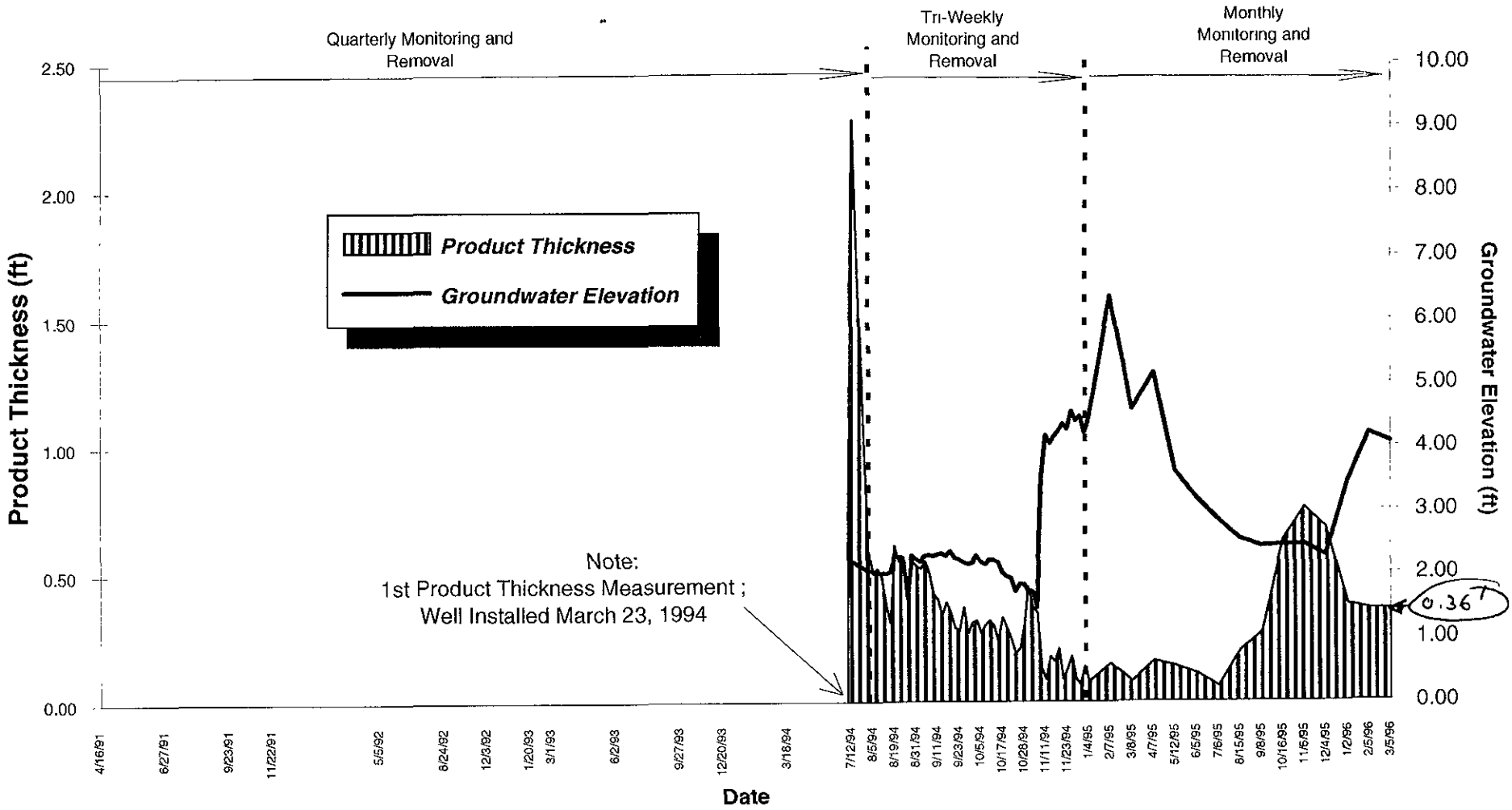


Figure 4a

Former American National Can Company Facility
Oakland, California

Area 3 Product Monitoring Results:
Well MW-2

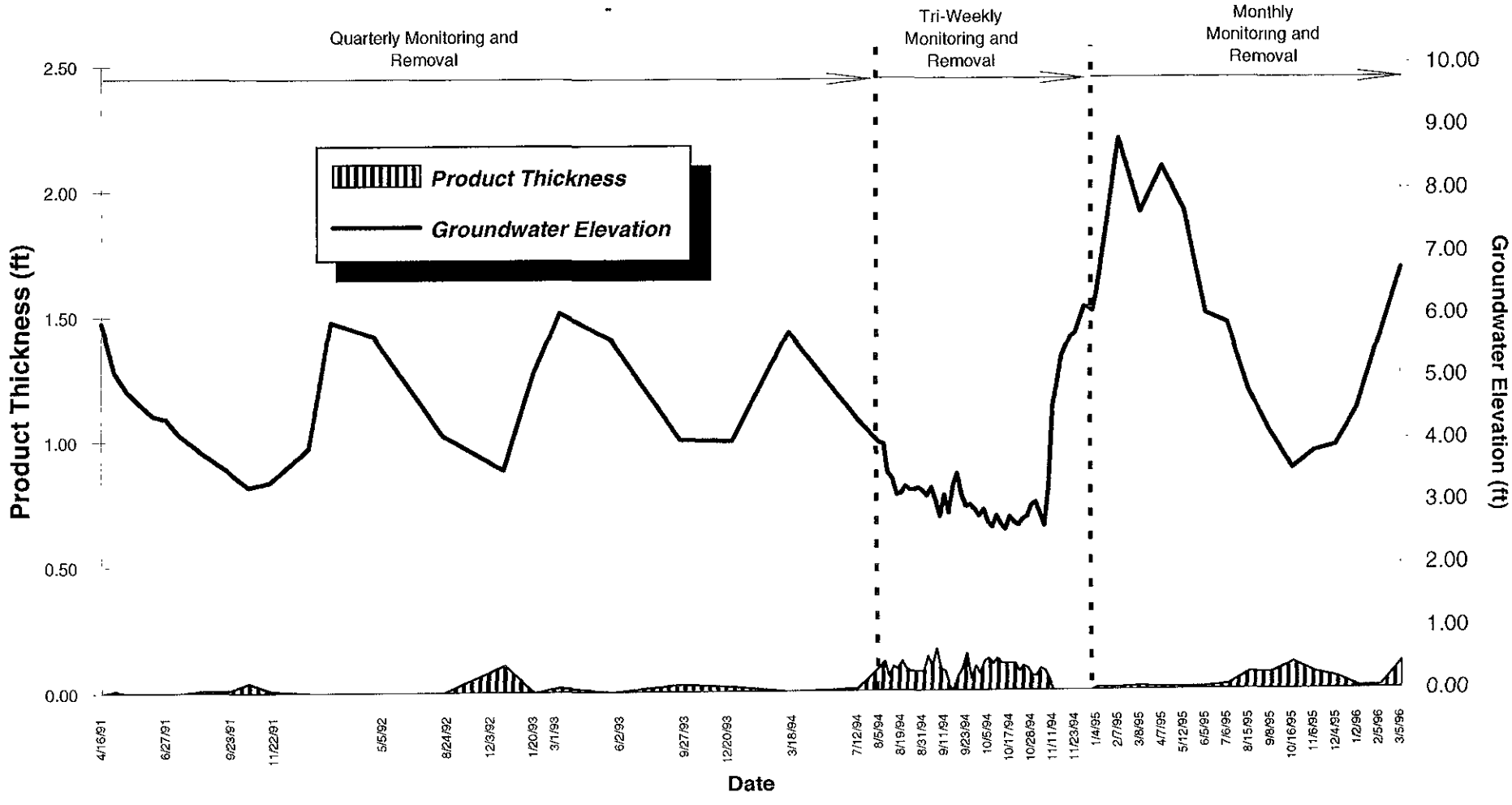


Figure 4b

Former American National Can Company Facility
Oakland, California

Area 3 Product Monitoring Results:
Well MW-5

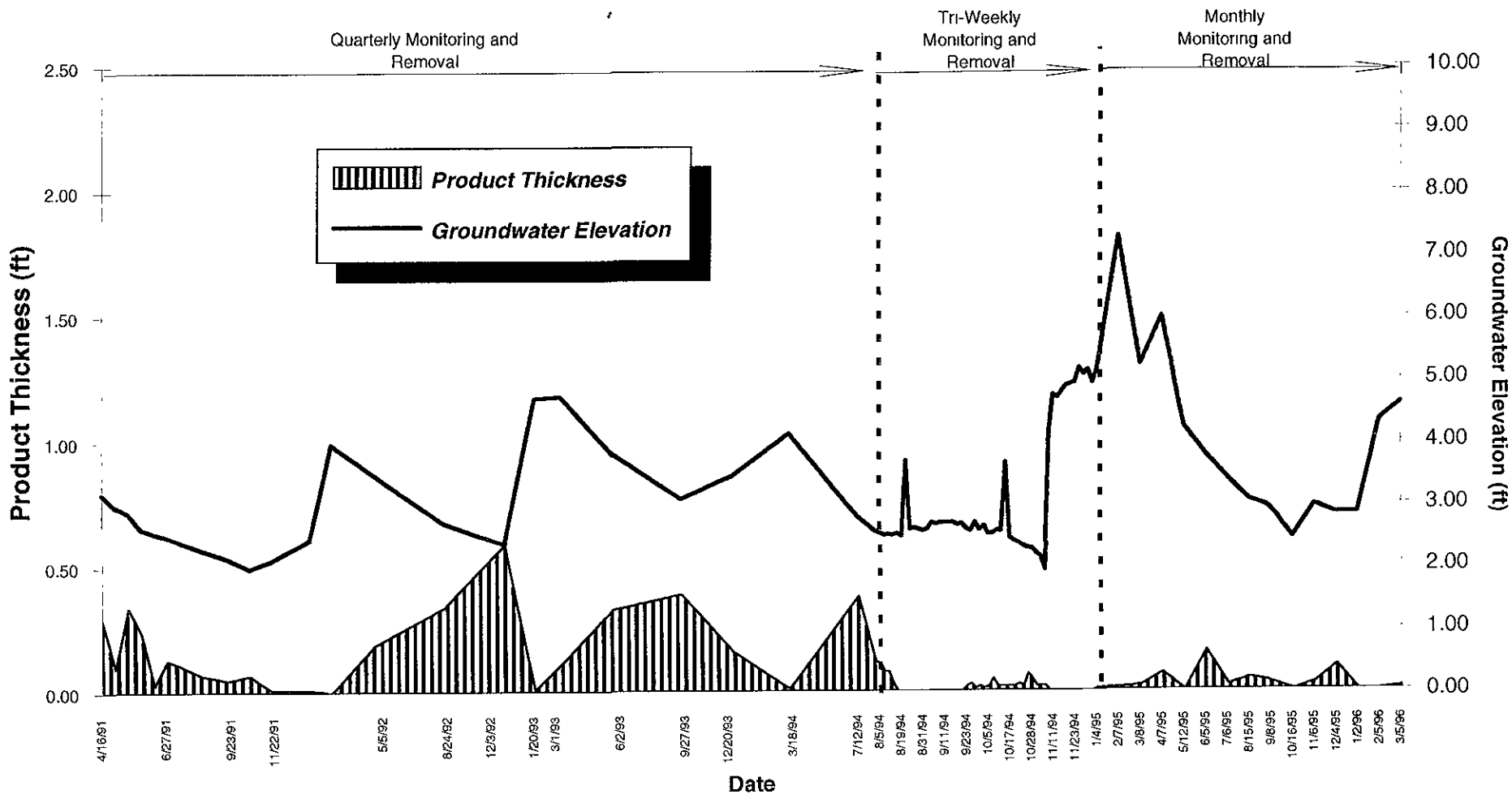


Figure 4c

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	Client Proj. ID: 35195.700/ANC	Sampled: 01/03/96
695 River Oaks Parkway	Sample Descript: MW-13	Received: 01/03/96
San Jose, CA 95134	Matrix: LIQUID	Extracted: 01/04/96
	Analysis Method: EPA 8015 Mod	Analyzed: 01/06/96
Attention: Richard Burzinski	Lab Number: 9601176-03	Reported: 01/10/96

QC Batch Number: GC0104960HBPEXZ
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	**50**	**390**
Chromatogram Pattern:		
Unidentified HC		**C9-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

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
695 River Oaks Parkway
San Jose, CA 95134

Attention: Richard Burzinski

Client Proj. ID: 35195.700/ANC
Sample Descript: MW-13
Matrix: LIQUID
Analysis Method: EPA 8020
Lab Number: 9601176-03

Sampled: 01/03/96
Received: 01/03/96

Analyzed: 01/05/96
Reported: 01/10/96

QC Batch Number: GC010596BTEX07A
Instrument ID: GCHP07

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	87

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: Richard Burzinski

Client Proj. ID: 35195.700/ANC
Sample Descript: TW-1R
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9601176-01

Sampled: 01/03/96
Received: 01/03/96
Extracted: 01/04/96
Analyzed: 01/06/96
Reported: 01/10/96

QC Batch Number: GC0104960HBPEXZ
Instrument ID: GCHP5B

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	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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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: Richard Burzinski

Client Proj. ID: 35195.700/ANC
Sample Descript: TW-1R
Matrix: LIQUID
Analysis Method: EPA 8020
Lab Number: 9601176-01

Sampled: 01/03/96
Received: 01/03/96

Analyzed: 01/08/96
Reported: 01/10/96

QC Batch Number: GC010896BTEX22A
Instrument ID: GCHP22

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**	**0.62**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	99

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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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	Client Proj. ID: 35195.700/ANC	Sampled: 01/03/96
695 River Oaks Parkway	Sample Descript: SRMP-1	Received: 01/03/96
San Jose, CA 95134	Matrix: LIQUID	Extracted: 01/04/96
	Analysis Method: EPA 8015 Mod	Analyzed: 01/06/96
Attention: Richard Burzinski	Lab Number: 9601176-02	Reported: 01/10/96

QC Batch Number: GC0104960HBPEXZ
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	50	150
Chromatogram Pattern: **Unidentified HC**		C9-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	103

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	Client Proj. ID: 35195.700/ANC	Sampled: 01/03/96
695 River Oaks Parkway	Sample Descript: SRMP-1	Received: 01/03/96
San Jose, CA 95134	Matrix: LIQUID	
	Analysis Method: EPA 8020	Analyzed: 01/05/96
Attention: Richard Burzinski	Lab Number: 9601176-02	Reported: 01/10/96

QC Batch Number: GC010596BTEX07A
Instrument ID: GCHP07

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	84

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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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: Richard Burzinski

Client Project ID: 35195.700/ANC
Matrix: Liquid
Work Order #: 9601176 01-03

Reported: Jan 10, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Beryllium	Cadmium	Chromium	Nickel
QC Batch#:	ME0105966010MDB	ME0105966010MDB	ME0105966010MDB	ME0105966010MDB
Analy. Method:	EPA 6010	EPA 6010	EPA 6010	EPA 6010
Prep. Method:	EPA 3010	EPA 3010	EPA 3010	EPA 3010
Analyst:	C. Medefesser	C. Medefesser	C. Medefesser	C. Medefesser
MS/MSD #:	960122801	960122801	960122801	960122801
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	1/5/96	1/5/96	1/5/96	1/5/96
Analyzed Date:	1/5/96	1/5/96	1/5/96	1/5/96
Instrument I.D.#:	MTJA2	MTJA2	MTJA2	MTJA2
Conc. Spiked:	1.0 mg/L	1.0 mg/L	1.0 mg/L	1.0 mg/L
Result:	1.0	0.97	0.97	0.96
MS % Recovery:	100	97	97	96
Dup. Result:	1.0	0.99	0.98	0.99
MSD % Recov.:	100	99	98	99
RPD:	0.0	2.0	1.0	3.1
RPD Limit:	0-30	0-30	0-30	0-30
LCS #:	BLK010596	BLK010596	BLK010596	BLK010596
Prepared Date:	1/5/96	1/5/96	1/5/96	1/5/96
Analyzed Date:	1/5/96	1/5/96	1/5/96	1/5/96
Instrument I.D.#:	MTJA2	MTJA2	MTJA2	MTJA2
Conc. Spiked:	1.0 mg/L	1.0 mg/L	1.0 mg/L	1.0 mg/L
LCS Result:	1.0	1.0	0.98	1.0
LCS % Recov.:	100	100	98	100
MS/MSD LCS Control Limits	75-125	75-125	75-125	75-125

SEQUOIA ANALYTICAL

Todd Olive
Project Manager

Please Note:
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** 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: Richard Burzinski

Client Project ID: 35195.700/ANC
Matrix: Liquid
Work Order #: 9601176 01-03

Reported: Jan 10, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Diesel
QC Batch#:	GC0104960HBPEXZ
Analy. Method:	EPA 8015 Mod.
Prep. Method:	EPA 3520
Analyst:	B. Ali
MS/MSD #:	960116401
Sample Conc.:	110000
Prepared Date:	1/4/96
Analyzed Date:	1/5/96
Instrument I.D.#:	GCHP5B
Conc. Spiked:	1000 µg/L
Result:	0.0*
MS % Recovery:	0.0
Dup. Result:	0.0*
MSD % Recov.:	0.0
RPD:	N.A.
RPD Limit:	0-50

*MS/MSD diluted out.

LCS #:	BLK010496
Prepared Date:	1/4/96
Analyzed Date:	1/5/96
Instrument I.D.#:	GCHP5A
Conc. Spiked:	1000 µg/L
LCS Result:	880
LCS % Recov.:	88

MS/MSD LCS Control Limits	38-122

SEQUOIA ANALYTICAL

Todd Olive
Project Manager

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

Client Project ID: 35195.700/ANC
Matrix: Liquid
Work Order #: 9601176 01

Reported: Jan 10, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC010895BTEX22A	GC010895BTEX22A	GC010895BTEX22A	GC010895BTEX22A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	R. Geckler	R. Geckler	R. Geckler	R. Geckler
MS/MSD #:	960103903	960103903	960103903	960103903
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	1/8/96	1/8/96	1/8/96	1/8/96
Analyzed Date:	1/8/96	1/8/96	1/8/96	1/8/96
Instrument I.D.#:	GCHP22	GCHP22	GCHP22	GCHP22
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	11	10	9.6	27
MS % Recovery:	110	100	96	90
Dup. Result:	11	9.9	9.5	27
MSD % Recov.:	110	99	95	90
RPD:	0.0	1.0	1.0	0.0
RPD Limit:	0-50	0-50	0-50	0-50
LCS #:	BLK010896	BLK010896	BLK010896	BLK010896
Prepared Date:	1/8/96	1/8/96	1/8/96	1/8/96
Analyzed Date:	1/8/96	1/8/96	1/8/96	1/8/96
Instrument I.D.#:	GCHP22	GCHP22	GCHP22	GCHP22
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
LCS Result:	10	10	10	29
LCS % Recov.:	100	100	100	97
MS/MSD LCS Control Limits	71-133	72-128	72-130	71-120

SEQUOIA ANALYTICAL

Todd Olive
Project Manager

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RUST **Rust Environment & Infrastructure**

Chain of Custody Record

95H [9601176]

Custody Seal #	RUST E&I Cooler #

Project Number	Project Name/Client
35195.700	ANC

Sample Custodian: (Signature)
James M. Burner

Item No.	Sample Description (Field ID Number)	Date	Time	Grab	Comp.	PID Reading (ppm)	Label Number	Analysis Required: LUFT TPH-d	LUFT BTEX	6010 TOTAL LEAD	6010 TOTAL ZINC	Matrix: Sample Type: WATER	Sample Container: 40ml VOA w/HCl	1 Ltr Amber	Filtered 1 Ltr Plastic	Comp.
1	TW-1R	1-3-96	0930	X				X	X	X	X	X	3	1	2	
2	SEMP-1	1-3-96	1010	X				X	X	X	X	X	3	1	2	
3	MW-13	1-3-96	0960	X				X	X	X	X	X	3	1	2	
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Disposed of by: (Signature)	Items:	Date/Time
James M. Burner	1-3-96 16:50				
Relinquished by: (Signature)	Date/Time	Received by: (Signature) [Laboratory] Tom McCarter	Disposed of by: (Signature)	Items:	Date/Time 1/3/96 16:50

Send Lab Results To:
RICHARD BURZINSKI
RUST E&I SAN JOSE, CA

Remarks: STANDARD TAT

Federal Express Airbill No.:
Lab:

Check Delivery Method:
- ☐ Samples delivered in person
- ☐ Common carrier

Laboratory Receiving Notes:

Custody Seal Intact?

Temp. of Shipping Container:

Sample Condition:

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

Client Project ID: 35195.700/ANC
Matrix: Liquid
Work Order #: 9601176 02, 03

Reported: Jan 10, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC010596BTEX07A	GC010596BTEX07A	GC010596BTEX07A	GC010596BTEX07A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	R. Geckler	R. Geckler	R. Geckler	R. Geckler
MS/MSD #:	960104101	960104101	960104101	960104101
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	1/5/96	1/5/96	1/5/96	1/5/96
Analyzed Date:	1/5/96	1/5/96	1/5/96	1/5/96
Instrument I.D.#:	GCHP7	GCHP7	GCHP7	GCHP7
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	12	11	11	34
MS % Recovery:	120	110	110	113
Dup. Result:	10	9.1	9.2	29
MSD % Recov.:	100	91	92	97
RPD:	18	19	18	16
RPD Limit:	0-50	0-50	0-50	0-50
LCS #:	BLK010596	BLK010596	BLK010596	BLK010596
Prepared Date:	1/5/96	1/5/96	1/5/96	1/5/96
Analyzed Date:	1/5/96	1/5/96	1/5/96	1/5/96
Instrument I.D.#:	GCHP7	GCHP7	GCHP7	GCHP7
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
LCS Result:	8.7	8.8	8.7	27
LCS % Recov.:	87	88	87	90
MS/MSD LCS Control Limits	71-133	72-128	72-130	71-120

SEQUOIA ANALYTICAL

Todd Olive
Project Manager

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

Attention: Richard Burzinski

Client Proj. ID: 35195.700/ANC

Lab Proj. ID: 9601176

Sampled: 01/03/96
Received: 01/03/96
Analyzed: see below

Reported: 01/10/96

LABORATORY ANALYSIS

Analyte	Units	Date Analyzed	Detection Limit	Sample Results
Lab No: 9601176-01				
Sample Desc : **LIQUID,TW-1R**				
Lead	mg/L	01/05/96	0.10	N.D.
Zinc	mg/L	01/05/96	0.010	N.D.
Lab No: 9601176-02				
Sample Desc : **LIQUID,SRMP-1**				
Lead	mg/L	01/05/96	0.10	N.D.
Zinc	**mg/L**	**01/05/96**	**0.010**	**0.019**
Lab No: 9601176-03				
Sample Desc : **LIQUID,MW-13**				
Lead	mg/L	01/05/96	0.10	N.D.
Zinc	**mg/L**	**01/05/96**	**0.010**	**5.1**

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: Richard Burzinski

Client Proj. ID: 35195.700/ANC
Sample Descript: MW-1R
Matrix: LIQUID
Analysis Method: EPA 8080
Lab Number: 9601152-01

Sampled: 01/03/96
Received: 01/03/96
Extracted: 01/05/96
Analyzed: 01/08/96
Reported: 01/22/96

QC Batch Number: GC0105960PCBEXA
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	- 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: Richard Burzinski

Client Proj. ID: 35195.700/ANC
Sample Descript: MW-1R
Matrix: LIQUID
Analysis Method: EPA 8240
Lab Number: 9601152-01

Sampled: 01/03/96
Received: 01/03/96

Analyzed: 01/11/96
Reported: 01/22/96

QC Batch Number: MS0108968240F3A
Instrument ID: F3

Volatile Organics (EPA 8240)

Analyte	Detection Limit ug/L	Sample Results ug/L
Acetone	10	N.D.
Benzene	**2.0**	**5.3**
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**	**22**
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**	**5.6**
1,2-Dichloroethane	**2.0**	**9.4**
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**	**2.8**

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

Attention: Richard Burzinski

Client Proj. ID: 35195.700/ANC
Sample Descript: MW-1R
Matrix: LIQUID
Analysis Method: EPA 8240
Lab Number: 9601152-01

Sampled: 01/03/96
Received: 01/03/96

Analyzed: 01/11/96
Reported: 01/22/96

QC Batch Number: MS0108968240F3A
Instrument ID: F3

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	100
Toluene-d8	88	110	99
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

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Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 01/03/96
695 River Oaks Parkway	Sample Descript: MW-1R	Received: 01/03/96
San Jose, CA 95134	Matrix: LIQUID	Extracted: 01/08/96
	Analysis Method: EPA 8270	Analyzed: 01/09/96
Attention: Richard Burzinski	Lab Number: 9601152-01	Reported: 01/22/96

QC Batch Number: MS0102968270EXA
Instrument ID: H5

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**	**9.6**
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	**5.0**	**9.9**
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: Richard Burzinski

Client Proj. ID: 35195.700/ANC
Sample Descript: MW-1R
Matrix: LIQUID
Analysis Method: EPA 8270
Lab Number: 9601152-01

Sampled: 01/03/96
Received: 01/03/96
Extracted: 01/08/96
Analyzed: 01/09/96
Reported: 01/22/96

QC Batch Number: MS0102968270EXA
Instrument ID: H5

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	47
Phenol-d5	10	110	38
Nitrobenzene-d5	35	114	75
2-Fluorobiphenyl	43	116	72
2,4,6-Tribromophenol	10	123	69
p-Terphenyl-d14	33	141	91

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	Client Proj. ID: 35195.700/ANC	Sampled: 01/03/96
695 River Oaks Parkway	Sample Descript: MW-1R	Received: 01/03/96
San Jose, CA 95134	Matrix: LIQUID	Extracted: 01/04/96
	Analysis Method: EPA 8015 Mod	Analyzed: 01/06/96
Attention: Richard Burzinski	Lab Number: 9601152-01	Reported: 01/22/96

QC Batch Number: GC0104960HBPEXZ
Instrument ID: GCHP5B

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	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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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: Richard Burzinski

Client Proj. ID: 35195.700/ANC
Sample Descript: MW-1R
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9601152-01

Sampled: 01/03/96
Received: 01/03/96

Analyzed: 01/08/96
Reported: 01/22/96

QC Batch Number: GC010896BTEX17A
Instrument ID: GCHP17

Total Purgeable Petroleum Hydrocarbons (TPPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	210
Chromatogram Pattern:		
Weathered Gas		C6-C12

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	149 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	Client Proj. ID: 35195.700/ANC	Sampled: 01/03/96
695 River Oaks Parkway	Sample Descript: MW-1R	Received: 01/03/96
San Jose, CA 95134	Matrix: LIQUID	Extracted: 01/04/96
	Analysis Method: EPA 8015 Mod	Analyzed: 01/06/96
Attention: Richard Burzinski	Lab Number: 9601152-01	Reported: 01/22/96

QC Batch Number: GC0104960HBPEXZ
Instrument ID: GCHP5B

Fuel Fingerprint : Mineral Spirits

Analyte	Detection Limit ug/L	Sample Results ug/L
Extract. HC as Mineral Spirits	50	460
Chromatogram Pattern: **Unidentified HC**		C9-C13

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	109

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: Richard Burzinski

Client Proj. ID: 35195.700/ANC
Sample Descript: MW-4
Matrix: LIQUID
Analysis Method: EPA 8080
Lab Number: 9601152-04

Sampled: 01/03/96
Received: 01/03/96
Extracted: 01/05/96
Analyzed: 01/08/96
Reported: 01/22/96

QC Batch Number: GC0105960PCBEXA
Instrument ID: GCHP12

Polychlorinated Biphenyls (EPA 8080)

Analyte	Detection Limit ug/L	Sample Results ug/L
PCB-1016	2.5	N.D.
PCB-1221	10	N.D.
PCB-1232	2.5	N.D.
PCB-1242	2.5	N.D.
PCB-1248	2.5	N.D.
PCB-1254	2.5	N.D.
PCB-1260	2.5	N.D.

Surrogates	Control Limits %		% Recovery
Dibutylchlorendate	50	150	73

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: Richard Burzinski

Client Proj. ID: 35195.700/ANC
Sample Descript: MW-4
Matrix: LIQUID
Analysis Method: EPA 8240
Lab Number: 9601152-04

Sampled: 01/03/96
Received: 01/03/96

Analyzed: 01/11/96
Reported: 01/22/96

QC Batch Number: MS0108968240F3A
Instrument ID: F3

Volatile Organics (EPA 8240)

Analyte	Detection Limit ug/L	Sample Results ug/L
Acetone	12	N.D.
Benzene	**2.5**	**180**
Bromodichloromethane	2.5	N.D.
Bromoform	2.5	N.D.
Bromomethane	2.5	N.D.
2-Butanone	12	N.D.
Carbon disulfide	2.5	N.D.
Carbon tetrachloride	2.5	N.D.
Chlorobenzene	**2.5**	**31**
Chloroethane	**2.5**	**7.5**
2-Chloroethyl vinyl ether	12	N.D.
Chloroform	2.5	N.D.
Chloromethane	2.5	N.D.
Dibromochloromethane	2.5	N.D.
1,1-Dichloroethane	2.5	N.D.
1,2-Dichloroethane	2.5	N.D.
1,1-Dichloroethene	2.5	N.D.
cis-1,2-Dichloroethene	2.5	N.D.
trans-1,2-Dichloroethene	2.5	N.D.
1,2-Dichloropropane	2.5	N.D.
cis-1,3-Dichloropropene	2.5	N.D.
trans-1,3-Dichloropropene	2.5	N.D.
Ethylbenzene	**2.5**	**5.8**
2-Hexanone	12	N.D.
Methylene chloride	6.2	N.D.
4-Methyl-2-pentanone	12	N.D.
Styrene	2.5	N.D.
1,1,2,2-Tetrachloroethane	2.5	N.D.
Tetrachloroethene	2.5	N.D.
Toluene	**2.5**	**6.3**
1,1,1-Trichloroethane	2.5	N.D.
1,1,2-Trichloroethane	2.5	N.D.
Trichloroethene	2.5	N.D.
Trichlorofluoromethane	2.5	N.D.
Vinyl acetate	6.2	N.D.
Vinyl chloride	2.5	N.D.

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

Attention: Richard Burzinski

Client Proj. ID: 35195.700/ANC
Sample Descript: MW-4
Matrix: LIQUID
Analysis Method: EPA 8240
Lab Number: 9601152-04

Sampled: 01/03/96
Received: 01/03/96

Analyzed: 01/11/96
Reported: 01/22/96

QC Batch Number: MS0108968240F3A
Instrument ID: F3

Analyte	Detection Limit ug/L	Sample Results ug/L
Total Xylenes	2.5	20

Surrogates	Control Limits %		% Recovery
1,2-Dichloroethane-d4	76	114	97
Toluene-d8	88	110	95
4-Bromofluorobenzene	86	115	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	Client Proj. ID: 35195.700/ANC	Sampled: 01/03/96
695 River Oaks Parkway	Sample Descript: MW-4	Received: 01/03/96
San Jose, CA 95134	Matrix: LIQUID	Extracted: 01/08/96
	Analysis Method: EPA 8270	Analyzed: 01/09/96
Attention: Richard Burzinski	Lab Number: 9601152-04	Reported: 01/22/96

QC Batch Number: MS0102968270EXA
Instrument ID: H5

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**	**10**
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**	**17**
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	**5.0**	**9.4**
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: Richard Burzinski

Client Proj. ID: 35195.700/ANC
Sample Descript: MW-4
Matrix: LIQUID
Analysis Method: EPA 8270
Lab Number: 9601152-04

Sampled: 01/03/96
Received: 01/03/96
Extracted: 01/08/96
Analyzed: 01/09/96
Reported: 01/22/96

QC Batch Number: MS0102968270EXA
Instrument ID: H5

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**	**21**
2-Methylphenol	5.0	N.D.
4-Methylphenol	5.0	N.D.
Naphthalene	**5.0**	**10**
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	48
Phenol-d5	10	110	39
Nitrobenzene-d5	35	114	72
2-Fluorobiphenyl	43	116	77
2,4,6-Tribromophenol	10	123	74
p-Terphenyl-d14	33	141	90

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: Richard Burzinski

Client Proj. ID: 35195.700/ANC
Sample Descript: MW-4
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9601152-04

Sampled: 01/03/96
Received: 01/03/96
Extracted: 01/04/96
Analyzed: 01/08/96
Reported: 01/22/96

QC Batch Number: GC0104960HBPEXZ
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	**500**	**15,000**
Chromatogram Pattern:		
Unidentified HC		**C9-C24**

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
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Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 01/03/96
695 River Oaks Parkway	Sample Descript: MW-4	Received: 01/03/96
San Jose, CA 95134	Matrix: LIQUID	
	Analysis Method: EPA 8015 Mod	Analyzed: 01/06/96
Attention: Richard Burzinski	Lab Number: 9601152-04	Reported: 01/22/96

QC Batch Number: GC010596BTEX17B
Instrument ID: GCHP17

Total Purgeable Petroleum Hydrocarbons (TPPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**500**	**2000**
Chromatogram Pattern:		**Gas**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	87

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: Richard Burzinski

Client Proj. ID: 35195.700/ANC
Sample Descript: MW-6
Matrix: LIQUID
Analysis Method: EPA 8080
Lab Number: 9601152-05

Sampled: 01/03/96
Received: 01/03/96
Extracted: 01/05/96
Analyzed: 01/05/96
Reported: 01/22/96

QC Batch Number: GC0105960PCBEXA
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	100

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: Richard Burzinski

Client Proj. ID: 35195.700/ANC
Sample Descript: MW-6
Matrix: LIQUID
Analysis Method: EPA 8240
Lab Number: 9601152-05

Sampled: 01/03/96
Received: 01/03/96

Analyzed: 01/11/96
Reported: 01/22/96

QC Batch Number: MS0108968240F3A
Instrument ID: F3

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**	**18**
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**	**2.5**
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: Richard Burzinski

Client Proj. ID: 35195.700/ANC
Sample Descript: MW-6
Matrix: LIQUID
Analysis Method: EPA 8240
Lab Number: 9601152-05

Sampled: 01/03/96
Received: 01/03/96

Analyzed: 01/11/96
Reported: 01/22/96

QC Batch Number: MS0108968240F3A
Instrument ID: F3

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	99
4-Bromofluorobenzene	86	115	97

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	Client Proj. ID: 35195.700/ANC	Sampled: 01/03/96
695 River Oaks Parkway	Sample Descript: MW-6	Received: 01/03/96
San Jose, CA 95134	Matrix: LIQUID	Extracted: 01/08/96
	Analysis Method: EPA 8270	Analyzed: 01/09/96
Attention: Richard Burzinski	Lab Number: 9601152-05	Reported: 01/22/96

QC Batch Number: MS0102968270EXA
Instrument ID: H5

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: Richard Burzinski

Client Proj. ID: 35195.700/ANC
Sample Descript: MW-6
Matrix: LIQUID
Analysis Method: EPA 8270
Lab Number: 9601152-05

Sampled: 01/03/96
Received: 01/03/96
Extracted: 01/08/96
Analyzed: 01/09/96
Reported: 01/22/96

QC Batch Number: MS0102968270EXA
Instrument ID: H5

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	47
Phenol-d5	10	110	39
Nitrobenzene-d5	35	114	73
2-Fluorobiphenyl	43	116	70
2,4,6-Tribromophenol	10	123	64
p-Terphenyl-d14	33	141	85

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	Client Proj. ID: 35195.700/ANC	Sampled: 01/03/96
695 River Oaks Parkway	Sample Descript: MW-6	Received: 01/03/96
San Jose, CA 95134	Matrix: LIQUID	Extracted: 01/04/96
	Analysis Method: EPA 8015 Mod	Analyzed: 01/07/96
Attention: Richard Burzinski	Lab Number: 9601152-05	Reported: 01/22/96

QC Batch Number: GC0104960HBPEXZ
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	50	140
Chromatogram Pattern: **Unidentified HC**		C9-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	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: Richard Burzinski

Client Proj. ID: 35195.700/ANC
Sample Descript: MW-6
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9601152-05

Sampled: 01/03/96
Received: 01/03/96

Analyzed: 01/05/96
Reported: 01/22/96

QC Batch Number: GC010596BTEX21A
Instrument ID: GCHP21

Total Purgeable Petroleum Hydrocarbons (TPPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	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
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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Richard Burzinski

Client Proj. ID: 35195.700/ANC
Sample Descript: MW-7
Matrix: LIQUID
Analysis Method: EPA 8080
Lab Number: 9601152-02

Sampled: 01/03/96
Received: 01/03/96
Extracted: 01/05/96
Analyzed: 01/05/96
Reported: 01/22/96

QC Batch Number: GC0105960PCBEXA
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	124

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: Richard Burzinski

Client Proj. ID: 35195.700/ANC
Sample Descript: MW-7
Matrix: LIQUID
Analysis Method: EPA 8240
Lab Number: 9601152-02

Sampled: 01/03/96
Received: 01/03/96

Analyzed: 01/11/96
Reported: 01/22/96

QC Batch Number: MS0108968240F3A
Instrument ID: F3

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: Richard Burzinski

Client Proj. ID: 35195.700/ANC
Sample Descript: MW-7
Matrix: LIQUID
Analysis Method: EPA 8240
Lab Number: 9601152-02

Sampled: 01/03/96
Received: 01/03/96

Analyzed: 01/11/96
Reported: 01/22/96

QC Batch Number: MS0108968240F3A
Instrument ID: F3

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	100
Toluene-d8	88	110	100
4-Bromofluorobenzene	86	115	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: Richard Burzinski

Client Proj. ID: 35195.700/ANC
Sample Descript: MW-7
Matrix: LIQUID
Analysis Method: EPA 8270
Lab Number: 9601152-02

Sampled: 01/03/96
Received: 01/03/96
Extracted: 01/08/96
Analyzed: 01/09/96
Reported: 01/22/96

QC Batch Number: MS0102968270EXA
Instrument ID: H5

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: Richard Burzinski

Client Proj. ID: 35195.700/ANC
Sample Descript: MW-7
Matrix: LIQUID
Analysis Method: EPA 8270
Lab Number: 9601152-02

Sampled: 01/03/96
Received: 01/03/96
Extracted: 01/08/96
Analyzed: 01/09/96
Reported: 01/22/96

QC Batch Number: MS0102968270EXA
Instrument ID: H5

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	49
Phenol-d5	10	110	39
Nitrobenzene-d5	35	114	75
2-Fluorobiphenyl	43	116	73
2,4,6-Tribromophenol	10	123	68
p-Terphenyl-d14	33	141	89

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	Client Proj. ID: 35195.700/ANC	Sampled: 01/03/96
695 River Oaks Parkway	Sample Descript: MW-7	Received: 01/03/96
San Jose, CA 95134	Matrix: LIQUID	Extracted: 01/04/96
	Analysis Method: EPA 8015 Mod	Analyzed: 01/09/96
Attention: Richard Burzinski	Lab Number: 9601152-02	Reported: 01/22/96

QC Batch Number: GC0104960HBPEXZ
Instrument ID: GCHP4B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	**50**	**530**
Chromatogram Pattern:		
Unidentified HC		**C9-C24**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	119

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: Richard Burzinski

Client Proj. ID: 35195.700/ANC
Sample Descript: MW-7
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9601152-02

Sampled: 01/03/96
Received: 01/03/96

Analyzed: 01/05/96
Reported: 01/22/96

QC Batch Number: GC010596BTEX21A
Instrument ID: GCHP21

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	122

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	Client Proj. ID: 35195.700/ANC	Sampled: 01/03/96
695 River Oaks Parkway	Sample Descript: GW-1R	Received: 01/03/96
San Jose, CA 95134	Matrix: LIQUID	Extracted: 01/05/96
	Analysis Method: EPA 8080	Analyzed: 01/08/96
Attention: Richard Burzinski	Lab Number: 9601152-03	Reported: 01/22/96

QC Batch Number: GC0105960PCBEXA
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	108

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: Richard Burzinski

Client Proj. ID: 35195.700/ANC
Sample Descript: GW-1R
Matrix: LIQUID
Analysis Method: EPA 8240
Lab Number: 9601152-03

Sampled: 01/03/96
Received: 01/03/96

Analyzed: 01/11/96
Reported: 01/22/96

QC Batch Number: MS0108968240F3A
Instrument ID: F3

Volatile Organics (EPA 8240)

Analyte	Detection Limit ug/L	Sample Results ug/L
Acetone	**25**	**52**
Benzene	**5.0**	**330**
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	5.0	N.D.
2-Butanone	25	N.D.
Carbon disulfide	5.0	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chloroethane	**5.0**	**6.1**
2-Chloroethyl vinyl ether	25	N.D.
Chloroform	5.0	N.D.
Chloromethane	5.0	N.D.
Dibromochloromethane	5.0	N.D.
1,1-Dichloroethane	5.0	N.D.
1,2-Dichloroethane	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.
cis-1,2-Dichloroethene	**5.0**	**100**
trans-1,2-Dichloroethene	**5.0**	**7.7**
1,2-Dichloropropane	5.0	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	5.0	N.D.
Ethylbenzene	**5.0**	**43**
2-Hexanone	**25**	**29**
Methylene chloride	12	N.D.
4-Methyl-2-pentanone	25	N.D.
Styrene	5.0	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	N.D.
Toluene	**5.0**	**110**
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	5.0	N.D.
Trichlorofluoromethane	5.0	N.D.
Vinyl acetate	12	N.D.
Vinyl chloride	**5.0**	**460**

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Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 01/03/96
695 River Oaks Parkway	Sample Descript: GW-1R	Received: 01/03/96
San Jose, CA 95134	Matrix: LIQUID	
	Analysis Method: EPA 8240	Analyzed: 01/11/96
Attention: Richard Burzinski	Lab Number: 9601152-03	Reported: 01/22/96

QC Batch Number: MS0108968240F3A
Instrument ID: F3

Analyte	Detection Limit ug/L	Sample Results ug/L
Total Xylenes	5.0	190

Surrogates	Control Limits %		% Recovery
1,2-Dichloroethane-d4	76	114	98
Toluene-d8	88	110	97
4-Bromofluorobenzene	86	115	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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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: Richard Burzinski

Client Proj. ID: 35195.700/ANC
Sample Descript: GW-1R
Matrix: LIQUID
Analysis Method: EPA 8270
Lab Number: 9601152-03

Sampled: 01/03/96
Received: 01/03/96
Extracted: 01/08/96
Analyzed: 01/10/96
Reported: 01/22/96

QC Batch Number: MS0102968270EXA
Instrument ID: F4

Semivolatile Organics (EPA 8270)

Analyte	Detection Limit ug/L	Sample Results ug/L
Acenaphthene	50	N.D.
Acenaphthylene	50	N.D.
Anthracene	50	N.D.
Benzoic Acid	100	N.D.
Benzo(a)anthracene	50	N.D.
Benzo(b)fluoranthene	50	N.D.
Benzo(k)fluoranthene	50	N.D.
Benzo(g,h,i)perylene	50	N.D.
Benzo(a)pyrene	50	N.D.
Benzyl alcohol	50	N.D.
Bis(2-chloroethoxy)methane	50	N.D.
Bis(2-chloroethyl)ether	50	N.D.
Bis(2-chloroisopropyl)ether	50	N.D.
Bis(2-ethylhexyl)phthalate	100	N.D.
4-Bromophenyl phenyl ether	50	N.D.
Butyl benzyl phthalate	50	N.D.
4-Chloroaniline	100	N.D.
2-Chloronaphthalene	50	N.D.
4-Chloro-3-methylphenol	50	N.D.
2-Chlorophenol	50	N.D.
4-Chlorophenyl phenyl ether	50	N.D.
Chrysene	50	N.D.
Dibenzo(a,h)anthracene	50	N.D.
Dibenzofuran	50	N.D.
Di-n-butyl phthalate	100	N.D.
1,2-Dichlorobenzene	50	N.D.
1,3-Dichlorobenzene	50	N.D.
1,4-Dichlorobenzene	50	N.D.
3,3-Dichlorobenzidine	100	N.D.
2,4-Dichlorophenol	50	N.D.
Diethyl phthalate	50	N.D.
2,4-Dimethylphenol	**50**	**1900**
Dimethyl phthalate	50	N.D.
4,6-Dinitro-2-methylphenol	100	N.D.
2,4-Dinitrophenol	100	N.D.
2,4-Dinitrotoluene	50	N.D.

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: Richard Burzinski

Client Proj. ID: 35195.700/ANC
Sample Descript: GW-1R
Matrix: LIQUID
Analysis Method: EPA 8270
Lab Number: 9601152-03

Sampled: 01/03/96
Received: 01/03/96
Extracted: 01/08/96
Analyzed: 01/10/96
Reported: 01/22/96

QC Batch Number: MS0102968270EXA
Instrument ID: F4

Analyte	Detection Limit ug/L	Sample Results ug/L
2,6-Dinitrotoluene	50	N.D.
Di-n-octyl phthalate	50	N.D.
Fluoranthene	50	N.D.
Fluorene	50	N.D.
Hexachlorobenzene	50	N.D.
Hexachlorobutadiene	50	N.D.
Hexachlorocyclopentadiene	100	N.D.
Hexachloroethane	50	N.D.
Indeno(1,2,3-cd)pyrene	50	N.D.
Isophorone	50	N.D.
2-Methylnaphthalene	50	N.D.
2-Methylphenol	**50**	**64**
4-Methylphenol	50	N.D.
Naphthalene	**50**	**91**
2-Nitroaniline	100	N.D.
3-Nitroaniline	100	N.D.
4-Nitroaniline	100	N.D.
Nitrobenzene	50	N.D.
2-Nitrophenol	50	N.D.
4-Nitrophenol	100	N.D.
n-Nitrosodiphenylamine	50	N.D.
n-Nitroso-di-n-propylamine	50	N.D.
Pentachlorophenol	100	N.D.
Phenanthrene	50	N.D.
Phenol	50	N.D.
Pyrene	50	N.D.
1,2,4-Trichlorobenzene	50	N.D.
2,4,5-Trichlorophenol	100	N.D.
2,4,6-Trichlorophenol	50	N.D.

Surrogates	Control Limits %		% Recovery
2-Fluorophenol	21	110	47
Phenol-d5	10	110	37
Nitrobenzene-d5	35	114	74
2-Fluorobiphenyl	43	116	95
2,4,6-Tribromophenol	10	123	113
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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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 01/03/96
695 River Oaks Parkway	Sample Descript: GW-1R	Received: 01/03/96
San Jose, CA 95134	Matrix: LIQUID	Extracted: 01/04/96
	Analysis Method: EPA 8015 Mod	Analyzed: 01/07/96
Attention: Richard Burzinski	Lab Number: 9601152-03	Reported: 01/22/96

QC Batch Number: GC0104960HBPEXZ
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	**1000**	**43,000**
Chromatogram Pattern:		
Unidentified HC		**C9-C24**

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

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

Attention: Richard Burzinski

Client Proj. ID: 35195.700/ANC
Sample Descript: GW-1R
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9601152-03

Sampled: 01/03/96
Received: 01/03/96

Analyzed: 01/08/96
Reported: 01/22/96

QC Batch Number: GC010896BTEX17A
Instrument ID: GCHP17

Total Purgeable Petroleum Hydrocarbons (TPPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**500**	**3500**
Chromatogram Pattern:		**Gas**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	202 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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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: Richard Burzinski

Client Proj. ID: 35195.700/ANC
Lab Proj. ID: 9601152

Received: 01/03/96
Reported: 01/22/96

LABORATORY NARRATIVE

TPH-Gas Note: Q= Surrogate recoveries were high for MW-1R and GW-1R due to confirmed coelution with the sample matrix.

PCB Note: Reporting limits were raised for MW-1R, GW-1R, MW-4 due to the high concentration of non-target analytes.

TPH-Diesel Note: Q= Surrogates were diluted out of samples GW-1R and MW-4.

SEQUOIA ANALYTICAL

Todd Olive
Project Manager

RUST ENVIRONMENT & INFRASTRUCTURE

Chain of Custody Record

96o1152

Custody Seal #	RUST E&I Cooler #

Project Number	Project Name/Client
35195.700	ANC

Sample Custodian: (Signature)
James M. Duerer

Item No.	Sample Description (Field ID Number)	Date	Time	Grab	Comp.	PID Reading (ppm)	Label Number	Analysis Required: EPA 8240	EPA 8270	LUFT TPH-d	LUFT TPH-g (PCBs only) EPA 8080	TPH-Mm Spirits	Matrix: Sample Type: WATER	Sample Container: 40ml VOA w/HCl	1 Ltr Amber
1	MW-1R	1-3-96	1125	X			1	X	X	X	X	X	X	6	4
2	MW-7	1-3-96	1100	X			2	X	X	X	X	X	X	6	3
3	GW-1R	1-3-96	1330	X			3	X	X	X	X	X	X	6	3
4	MW-4	1-3-96	1345	X			4	X	X	X	X	X	X	6	3
5	MW-6	1-3-96	1415	X			5	X	X	X	X	X	X	6	3
6															
7															
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17															
18															
19															
20															

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Disposed of by: (Signature)	Items:	Date/Time
James M. Duerer	1-3-96 16:50				
Relinquished by: (Signature)	Date/Time	Received by: (Signature) [Laboratory] Rec'd	Disposed of by: (Signature) Tony McMahon	Items:	Date/Time 1/3/96 16:50

Send Lab Results To:
RICHARD BURZINSKI
RUST E&I SAN JOSE, CA

Remarks: STANDARD TAT

Federal Express Airbill No.:
Lab:

Check Delivery Method:
- ☐ Samples delivered in person
- ☐ Common carrier

Laboratory Receiving Notes:
Custody Seal Intact?
Temp. of Shipping Container:
Sample Condition:

Rev. 4/94 White Copy – Lab Yellow Copy – File Pink Copy – Client F514/Earth.Sci

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

Attention: Richard Burzinski

Client Proj. ID: 35195.700/ANC Oakland
Sample Descript: MW-9R
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9601042-03

Sampled: 01/02/96
Received: 01/02/96
Extracted: 01/04/96
Analyzed: 01/05/96
Reported: 01/09/96

QC Batch Number: GC0104960HBPEXC
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

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

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

Sequoia Analytical

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

Rust E&I	Client Proj. ID: 35195.700/ANC Oakland	Sampled: 01/02/96
695 River Oaks Parkway	Sample Descript: MW-9R	Received: 01/02/96
San Jose, CA 95134	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 01/03/96
Attention: Richard Burzinski	Lab Number: 9601042-03	Reported: 01/09/96

QC Batch Number: GC010396BTEX07A
Instrument ID: GCHP07

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	91

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

Rust E&I	Client Proj. ID: 35195.700/ANC Oakland	Sampled: 01/02/96
695 River Oaks Parkway	Sample Descript: MW-14R	Received: 01/02/96
San Jose, CA 95134	Matrix: LIQUID	Extracted: 01/04/96
	Analysis Method: EPA 8015 Mod	Analyzed: 01/05/96
Attention: Richard Burzinski	Lab Number: 9601042-02	Reported: 01/09/96

QC Batch Number: GC0104960HBPEXC
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

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

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

Sequoia Analytical

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

Rust E&I	Client Proj. ID: 35195.700/ANC Oakland	Sampled: 01/02/96
695 River Oaks Parkway	Sample Descript: MW-14R	Received: 01/02/96
San Jose, CA 95134	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 01/03/96
Attention: Richard Burzinski	Lab Number: 9601042-02	Reported: 01/09/96

QC Batch Number: GC010396BTEX07A
Instrument ID: GCHP07

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	90

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: Richard Burzinski

Client Proj. ID: 35195.700/ANC Oakland
Sample Descript: SRMP-3
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9601042-01

Sampled: 01/02/96
Received: 01/02/96
Extracted: 01/04/96
Analyzed: 01/05/96
Reported: 01/09/96

QC Batch Number: GC0104960HBPEXC
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	**50**	**130**
Chromatogram Pattern: **Unidentified HC**		**C9-C24**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	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	Client Proj. ID: 35195.700/ANC Oakland	Sampled: 01/02/96
695 River Oaks Parkway	Sample Descript: SRMP-3	Received: 01/02/96
San Jose, CA 95134	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 01/03/96
Attention: Richard Burzinski	Lab Number: 9601042-01	Reported: 01/09/96

QC Batch Number: GC010396BTEX07A
Instrument ID: GCHP07

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	88

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: Richard Burzinski

Client Project ID: 35195.700/ANC Oakland
Matrix: Liquid
Work Order #: 9601042 01-03
Reported: Jan 9, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Diesel
QC Batch#:	GC0104960HBPEXC
Analy. Method:	EPA 8015 Mod.
Prep. Method:	EPA 3510

Analyst:	B. Ali
MS/MSD #:	960122011
Sample Conc.:	8400
Prepared Date:	1/4/96
Analyzed Date:	1/5/96
Instrument I.D.#:	GCHP4A
Conc. Spiked:	1000 µg/L
Result:	0.0*
MS % Recovery:	0.0
Dup. Result:	0.0*
MSD % Recov.:	0.0
RPD:	N.A.
RPD Limit:	0-50

*MS/MSD diluted out.

LCS #:	BLK010496
Prepared Date:	1/4/96
Analyzed Date:	1/5/96
Instrument I.D.#:	GCHP5A
Conc. Spiked:	1000 µg/L
LCS Result:	960
LCS % Recov.:	96

MS/MSD LCS Control Limits	38-122

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: Richard Burzinski

Client Project ID: 35195.700/ANC Oakland
Matrix: Liquid
Work Order #: 9601042 01-03
Reported: Jan 9, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC010396BTEX07A	GC010396BTEX07A	GC010396BTEX07A	GC010396BTEX07A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	D. Jirsa	D. Jirsa	D. Jirsa	D. Jirsa
MS/MSD #:	9512K3002	9512K3002	9512K3002	9512K3002
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	1/3/96	1/3/96	1/3/96	1/3/96
Analyzed Date:	1/3/96	1/3/96	1/3/96	1/3/96
Instrument I.D.#:	GCHP7	GCHP7	GCHP7	GCHP7
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	9.8	9.6	9.7	29
MS % Recovery:	98	96	97	97
Dup. Result:	9.9	9.9	9.8	30
MSD % Recov.:	99	99	98	100
RPD:	1.0	3.1	1.0	3.4
RPD Limit:	0-50	0-50	0-50	0-50
LCS #:	BLK010396	BLK010396	BLK010396	BLK010396
Prepared Date:	1/3/96	1/3/96	1/3/96	1/3/96
Analyzed Date:	1/3/96	1/3/96	1/3/96	1/3/96
Instrument I.D.#:	GCHP7	GCHP7	GCHP7	GCHP7
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
LCS Result:	7.8	7.7	7.6	23
LCS % Recov.:	78	77	76	77
MS/MSD LCS Control Limits	71-133	72-128	72-130	71-120

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: Richard Burzinski

Shipment No.: _____
RUST Authorization: _____
Page 1 of 1
Samplers: CHI + Jim
Recorder: _____ (signature required)

Project: ANC / OAKLAND
Job Number: 35195.700 Date: 1-2-96
Project Manager: Richard Burzinski

9601042

ITEM NO.	SAMPLE NUMBER	Location of Sample	DATE AND TIME SAMPLED: Date	Time	MATRIX	Preservatives: Temp	Chemical	Filtered	No. of Containers	ANALYSIS REQUESTED: LUFT TPH-D	LUFT TPH-G/BTEX	COMMENTS
1 A-D	SRMP-3		1-2-96	1345	H_2O	4°C	HCl		4	X	X	
2	MW-14R		↓	1415	↓	4°C	↓		4	X	X	
3	MW-9R		↓	1450	↓	4°C	↓		4	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 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]	1-2-96 1600		
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 1-2-96 1601

Sequoia Analytical

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

Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 01/03/96
695 River Oaks Parkway	Sample Descript: SRMP-4	Received: 01/03/96
San Jose, CA 95134	Matrix: LIQUID	
	Analysis Method: EPA 8240	Analyzed: 01/11/96
Attention: Richard Burzinski	Lab Number: 9601164-01	Reported: 01/17/96

QC Batch Number: MS0111968240H6A
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: Richard Burzinski

Client Proj. ID: 35195.700/ANC
Sample Descript: SRMP-4
Matrix: LIQUID
Analysis Method: EPA 8240
Lab Number: 9601164-01

Sampled: 01/03/96
Received: 01/03/96

Analyzed: 01/11/96
Reported: 01/17/96

QC Batch Number: MS0111968240H6A
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	96
4-Bromofluorobenzene	86	115	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	Client Proj. ID: 35195.700/ANC	Sampled: 01/03/96
695 River Oaks Parkway	Sample Descript: SRMP-4	Received: 01/03/96
San Jose, CA 95134	Matrix: LIQUID	Extracted: 01/08/96
	Analysis Method: EPA 8015 Mod	Analyzed: 01/10/96
Attention: Richard Burzinski	Lab Number: 9601164-01	Reported: 01/17/96

QC Batch Number: GC0108960HBPEXZ
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	88

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	Client Proj. ID: 35195.700/ANC	Sampled: 01/03/96
695 River Oaks Parkway	Sample Descript: SRMP-4	Received: 01/03/96
San Jose, CA 95134	Matrix: LIQUID	Extracted: 01/08/96
	Analysis Method: EPA 8015 Mod	Analyzed: 01/10/96
Attention: Richard Burzinski	Lab Number: 9601164-01	Reported: 01/17/96

QC Batch Number: GC0108960HBPEXZ
Instrument ID: GCHP4A

Total Extractable Petroleum Hydrocarbons (TEPH)

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

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	88

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: Richard Burzinski

Client Proj. ID: 35195.700/ANC

Lab Proj. ID: 9601164

Sampled: 01/03/96
Received: 01/03/96
Analyzed: see below

Reported: 01/17/96

LABORATORY ANALYSIS

Analyte	Units	Date Analyzed	Detection Limit	Sample Results
Lab No: 9601164-01				
Sample Desc : **LIQUID, SRMP-4**				
Lead	mg/L	01/04/96	0.10	N.D.
Zinc	**mg/L**	**01/04/96**	**0.010**	**0.011**

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: Richard Burzinski

Client Project ID: 35195.700/ANC
Matrix: Liquid
Work Order #: 9601164 01

Reported: Jan 17, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Beryllium	Cadmium	Chromium	Nickel
QC Batch#:	ME0104966010MDA	ME0104966010MDA	ME0104966010MDA	ME0104966010MDA
Analy. Method:	EPA 6010	EPA 6010	EPA 6010	EPA 6010
Prep. Method:	EPA 3010	EPA 3010	EPA 3010	EPA 3010
Analyst:	S. O'Donnell	S. O'Donnell	S. O'Donnell	S. O'Donnell
MS/MSD #:	960112502	960112502	960112502	960112502
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	1/4/96	1/4/96	1/4/96	1/4/96
Analyzed Date:	1/4/96	1/4/96	1/4/96	1/4/96
Instrument I.D.#:	MTJA2	MTJA2	MTJA2	MTJA2
Conc. Spiked:	1.0 mg/L	1.0 mg/L	1.0 mg/L	1.0 mg/L
Result:	0.98	0.93	0.94	0.95
MS % Recovery:	98	93	94	95
Dup. Result:	0.98	0.93	0.94	0.95
MSD % Recov.:	98	93	94	95
RPD:	0.0	0.0	0.0	0.0
RPD Limit:	0-30	0-30	0-30	0-30
LCS #:	BLK010496	BLK010496	BLK010496	BLK010496
Prepared Date:	1/4/96	1/4/96	1/4/96	1/4/96
Analyzed Date:	1/4/96	1/4/96	1/4/96	1/4/96
Instrument I.D.#:	MTJA2	MTJA2	MTJA2	MTJA2
Conc. Spiked:	1.0 mg/L	1.0 mg/L	1.0 mg/L	1.0 mg/L
LCS Result:	1.0	0.99	0.99	1.0
LCS % Recov.:	100	99	99	100
MS/MSD LCS Control Limits	75-125	75-125	75-125	75-125

SEQUOIA ANALYTICAL

Todd Olive
Project Manager

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** 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: Richard Burzinski

Client Project ID: 35195.700/ANC
Matrix: Liquid
Work Order #: 9601164 01

Reported: Jan 17, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Diesel
QC Batch#:	GC0108950HBPEXZ
Analy. Method:	EPA 8015 Mod.
Prep. Method:	EPA 3520
Analyst:	J. Minkel
MS/MSD #:	960128701
Sample Conc.:	N.D.
Prepared Date:	1/8/96
Analyzed Date:	1/10/96
Instrument I.D.#:	GCHP4A
Conc. Spiked:	1000 µg/L
Result:	890
MS % Recovery:	89
Dup. Result:	810
MSD % Recov.:	81
RPD:	9.4
RPD Limit:	0-50

LCS #:	BLK010996
Prepared Date:	1/8/96
Analyzed Date:	1/10/96
Instrument I.D.#:	GCHP4A
Conc. Spiked:	1000 µg/L
LCS Result:	850
LCS % Recov.:	85

MS/MSD LCS Control Limits	38-122

SEQUOIA ANALYTICAL

Todd Olive
Project Manager

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

Client Project ID: 35195.700/ANC
Matrix: Liquid
Work Order #: 9601164 01

Reported: Jan 17, 1996

QUALITY CONTROL DATA REPORT

Analyte:	1,1-Dichloroethene	Trichloroethene	Benzene	Toluene	Chloro-benzene
QC Batch#:	MS0111968240H6A	MS0111968240H6A	MS0111968240H6A	MS0111968240H6A	MS0111968240H6A
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 #:	960116401	960116401	960116401	960116401	960116401
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.
Prepared Date:	N.A.	N.A.	N.A.	N.A.	N.A.
Analyzed Date:	1/11/96	1/11/96	1/11/96	1/11/96	1/11/96
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:	49	53	53	51	51
MS % Recovery:	98	106	106	102	102
Dup. Result:	47	52	53	50	50
MSD % Recov.:	94	104	106	100	100
RPD:	4.2	1.9	0.0	2.0	2.0
RPD Limit:	0-50	0-50	0-50	0-50	0-50
LCS #:	LCS011196	LCS011196	LCS011196	LCS011196	LCS011196
Prepared Date:	N.A.	N.A.	N.A.	N.A.	N.A.
Analyzed Date:	1/11/96	1/11/96	1/11/96	1/11/96	1/11/96
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:	49	53	53	51	51
LCS % Recov.:	98	106	106	102	102
MS/MSD LCS Control Limits	DL-234	71-157	37-151	47-150	37-160

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 **Rust Environment & Infrastructure** *Chain of Custody Record*

9601164

Custody Seal #	RUST E&I Cooler #

Project Number	Project Name/Client
35195.700	ANC

Sample Custodian: (Signature) James M. Brewer

Item No.	Sample Description (Field ID Number)	Date	Time	Grab	Comp.	PID Reading (ppm)	Label Number	Analysis Required: LUFT TPH-d	LUFT TPH-Min. Spirits	EPA 8240	6010 Total Lead	6010 Total Zinc	Matrix: Sample Type: Water	Sample Container: 1 Ltr Amber	40 ml VOA w/HCl	Filtered 1 Ltr Plastic w/HNO3
1	SRMP-4	1-3-96	1445	X				X	X	X	X	X	X	2	3	2
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Disposed of by: (Signature)	Items:	Date/Time
James M. Brewer	1-3-96 16:50				
Relinquished by: (Signature)	Date/Time	Received by: (Signature) [Laboratory] Tony Mack	Disposed of by: (Signature)	Items:	Date/Time 1/5/96 16:30

Send Lab Results To:
RICHARD BURZINSKI
RUST E&I SAN JOSE, CA

Remarks: STANDARD TAT

Federal Express Airbill No.:
Lab:

Check Delivery Method:
- ☐ Samples delivered in person
- ☐ Common carrier

Laboratory Receiving Notes:

Custody Seal Intact?

Temp. of Shipping Container:

Sample Condition:

Sequoia Analytical

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Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 01/03/96
695 River Oaks Parkway	Sample Descript: SRMP-2	Received: 01/03/96
San Jose, CA 95134	Matrix: LIQUID	
	Analysis Method: EPA 8240	Analyzed: 01/11/96
Attention: Richard Burzinski	Lab Number: 9601156-01	Reported: 01/17/96

QC Batch Number: MS011196B240H6A
Instrument ID: H6

Volatile Organics (EPA 8240)

Analyte	Detection Limit ug/L	Sample Results ug/L
Acetone	10	75
Benzene	2.0	N.D.
Bromodichloromethane	2.0	N.D.
Bromoform	2.0	N.D.
Bromomethane	2.0	N.D.
2-Butanone	10	14
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	Client Proj. ID: 35195.700/ANC	Sampled: 01/03/96
695 River Oaks Parkway	Sample Descript: SRMP-2	Received: 01/03/96
San Jose, CA 95134	Matrix: LIQUID	
	Analysis Method: EPA 8240	Analyzed: 01/11/96
Attention: Richard Burzinski	Lab Number: 9601156-01	Reported: 01/17/96

QC Batch Number: MS0111968240H6A
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	94
4-Bromofluorobenzene	86	115	98

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: Richard Burzinski

Client Project ID: 35195.700/ANC
Matrix: LIQUID
Work Order #: 9601156 01
Reported: Jan 17, 1996

QUALITY CONTROL DATA REPORT

Analyte:	1,1-Dichloroethene	Trichloroethene	Benzene	Toluene	Chloro-benzene
QC Batch#:	MS0111968240H6A	MS0111968240H6A	MS0111968240H6A	MS0111968240H6A	MS0111968240H6A
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 #:	960116401	960116401	960116401	960116401	960116401
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.
Prepared Date:	N.A.	N.A.	N.A.	N.A.	N.A.
Analyzed Date:	1/11/96	1/11/96	1/11/96	1/11/96	1/11/96
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:	49	53	53	51	51
MS % Recovery:	98	106	106	102	102
Dup. Result:	47	52	53	50	50
MSD % Recov.:	94	104	106	100	100
RPD:	4.2	1.9	0.0	2.0	2.0
RPD Limit:	0-50	0-50	0-50	0-50	0-50
LCS #:	LCS011196	LCS011196	LCS011196	LCS011196	LCS011196
Prepared Date:	N.A.	N.A.	N.A.	N.A.	N.A.
Analyzed Date:	1/11/96	1/11/96	1/11/96	1/11/96	1/11/96
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:	49	53	53	51	51
LCS % Recov.:	98	106	106	102	102
MS/MSD LCS Control Limits	DL-234	71-157	37-151	47-150	37-160

SEQUOIA ANALYTICAL

Todd Olive
Project Manager

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

RUST Rust Environment & Infrastructure

Chain of Custody Record

9601156

Custody Seal #	RUST E&I Cooler #

Project Number	Project Name/Client
35195.700	ANC

Sample Custodian: (Signature) James M. Bruner

Item No.	Sample Description (Field ID Number)	Date	Time	Grab	Comp.	PID Reading (ppm)	Label Number	Analysis Required: EPA 8240	Matrix: Sample Type: WATER	Matrix: Sample Container: 40 ml VOA
1	SRMP-2	1-3-96	1525	X				X	X	3
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Disposed of by: (Signature)	Items:	Date/Time
James M. Bruner	1-3-96 16:50				
Relinquished by: (Signature)	Date/Time	Received by: (Signature) [Laboratory] Tony McArdle	Disposed of by: (Signature)	Items:	Date/Time 1-3-96 16:50

Send Lab Results To:	Remarks: STANDARD TAT	Check Delivery Method:	Laboratory Receiving Notes:
RICHARD BUZINSKI RUST E&I SAN JOSE, CA	Federal Express Airbill No.: Lab:	☐ Samples delivered in person ☐ Common carrier	Custody Seal Intact? Temp. of Shipping Container: Sample Condition:

Rev. 4/95 White Copy – Lab Yellow Copy – File Pink Copy – Client F514\Envh.Sti