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ENVIRONMENTAL
PROTECTION

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**SRMP QUARTERLY
GROUNDWATER
MONITORING REPORT:
FOURTH QUARTER, 1996**

**FORMER ANC FACILITY
3801 EAST 8TH STREET
OAKLAND, CA 94601**

Prepared for:

American National
Can Company
Mail Suite 04d
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Prepared by:

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*Quality through
teamwork*

December, 1996

**Rust Environment
& Infrastructure**

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December 17, 1996

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RE: American National Can Company
Former Oakland, California Facility

Dear Sirs:

Rust Environment & Infrastructure (Rust) has completed the 22nd round of quarterly groundwater monitoring at the subject site. The San Francisco Bay Regional Water Quality Control Board has granted closure of Area 2, Area 4, the Former RCRA Area and the Former Acetone UST Area at the site. This report provides results of the latest quarter of groundwater monitoring in Area 3 of the site including Area 3/Ekotech Lube mound height and product thickness monitoring and groundwater quality monitoring results.

I. AREA 3/EKOTEK LUBE WATER LEVEL AND PRODUCT THICKNESS MONITORING

Area 3 Mound Height Monitoring

During this monitoring period, water level and product thickness measurements were made in the Area 3 and Ekotech Lube monitoring wells. Table 1 summarizes water levels and product thickness measurements made on October 1, 1996, November 7, 1996 and December 6, 1996. Figures 1a, 1b and 1c are contour maps of groundwater elevations across Area 3 and the Ekotech Lube site on these three dates, respectively. The groundwater contour maps show that a groundwater mound continues to create a reversal in the regional groundwater gradient in Area 3.



Table 2 has been updated to provide groundwater elevations and mound height measurements in Area 3 through December 6, 1996. Figure 2a, 2b and 3, have been similarly updated with data obtained through December 6, 1996 to depict recent groundwater elevation and mound height fluctuations in Area 3. Daily precipitation data through October 31, 1996 is presented on Figures 2a and 2b.

The last three months of monitoring have revealed very little change in mound height relative to historical seasonal trends. The mound height decreased slightly at both wells MW-2 and MW-3 through the November measurement. The groundwater elevation at all four monitoring wells increased slightly from the November measurement. The groundwater elevation at well MW-3 on December 6, 1996 had increased, from the November measurement, slightly more than it did in well MW-5, which resulted in a slight increase in the mound height at well MW-3

Area 3 Product Thickness Monitoring

Table 3 has been updated with the thickness of product measured in Area 3 wells through December 6, 1996. Graphs of product thickness in wells GW-2R, MW-2 and MW-5 have also been updated with the latest data and are provided on Figures 4a, 4b and 4c respectively.

Results of product thickness monitoring in Area 3 are generally consistent with historical data. The apparent product thickness in well MW-2 decreased to 0.12 feet on the December 6, 1996 measurement. This appears consistent with historical data that shows that product in this well becomes thinner as groundwater elevations increase.

Product was observed in all five Ekotek Lube wells on all three monitoring dates. The apparent product thickness in well MW-5 ranged from 2.27 feet to 3.08. The apparent product thickness in well MW-4 on November 7, 1996 (1.45 feet) was thicker than previously observed by Rust. Product was observed in the other three Ekotek Lube wells ranging in thickness from a thin film to 0.16 feet.

II. GROUNDWATER QUALITY MONITORING

Table 4 provides a summary of Area 3 groundwater analytical results from this round of sampling and also include the results of the previous four rounds, conducted in October 1995, January 1996, April, 1996 and July, 1996. A detailed laboratory analytical report of the results obtained from this quarterly monitoring event is appended. Highlights of the analytical results from the latest round of sampling are summarized as follows:

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- Analytical results from other Area 3 wells monitored are consistent with historical data.
- Product was detected in wells MW-2 and GW-2R during this round of monitoring. As a result, groundwater samples were not collected, per the SRMP Area 3 groundwater monitoring program, as they would not have provided a representative depiction of groundwater quality. Groundwater samples were collected from MW-3, MW-5 and GW-1R even though a thin film of product was observed in these wells. As a result, it is possible that the analytical results from these wells are not truly representative of groundwater quality.
- Based on the last year of monitoring of wells MW-6 and MW-7, and also on previous monitoring back to 1991, groundwater quality at this downgradient periphery of Area 3 has remained consistent and has not degraded.

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
Senior Project Manager

EWA/ajl

Enclosures

cc: R. Rivetna, ANC
P. Cafferty, Esq. Munger, Tolles
J. Kessler, HSA
R. Williams, KMART
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R. Burzinski, Rust

TABLES

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

Summary of Monthly Water Level Measurements - 4th Quarter, 1996

Well Number	Measuring Point Elevation	October 1, 1996				November 7, 1996				December 6, 1996			
		Depth To Product	Depth To Water	Product Thick.	Groundwater Elevation	Depth To Product	Depth To Water	Product Thick.	Groundwater Elevation	Depth To Product	Depth To Water	Product Thick.	Groundwater Elevation
MW-1R	16.22		13.15		3.07		13.03		3.19		12.82		3.40
MW-2	16.36	12.01	12.17	0.16	4.32	12.16	12.35	0.19	4.17	12.07	12.19	0.12	4.27
MW-3	16.25		11.37	<0.01	4.88		11.49	<0.01	4.76	10.99	10.99	<0.01	5.26
MW-4	16.04		12.63		3.41		12.60		3.44		12.49		3.55
MW-5	14.78		11.42	<0.01	3.36	11.49	11.53	0.04	3.28	11.20	11.20	<0.01	3.58
MW-6	14.32		11.33		2.99		11.47		2.85		11.23		3.09
MW-7	16.27		12.83		3.44		12.87		3.40		12.55		3.72
MW-9R	13.42		11.19		2.23								
MW-13	17.96		8.77		9.19								
MW-14R	13.18		10.78		2.40								
GW-1R	17.36		13.99	<0.01	3.37		13.97	<0.01	3.39	13.86	13.86	<0.01	3.50
GW-2R	15.81	12.96	13.25	0.29	2.80	13.06	13.57	0.51	2.66	12.89	13.26	0.37	2.86
TW-1R	17.49		11.31		6.18								
SRMP-1	16.67		10.78		5.89								
SRMP-2	13.33		9.41		3.92								
SRMP-3	14.34		11.54		2.80								
SRMP-4	13.06		10.40		2.66								
Ekotek Lube Wells													
MW-1 *	14.86	11.02	11.11	0.09	3.82	11.75	11.91	0.16	2.81	11.86	11.93	0.07	2.72
MW-2	14.12	8.64	8.64	0.00	5.48	8.84	8.87	0.03	5.27	8.23	8.26	0.03	5.88
MW-3	12.59		9.78	9.78	2.81		7.96	<0.01	4.63	7.20	7.20	<0.01	5.39
MW-4	13.18	10.60	11.57	0.97	2.42	10.90	12.35	1.45	2.03	10.57	11.72	1.15	2.41
MW-5 *	14.41	10.67	13.75	3.08	3.22	10.70	13.38	2.68	2.92	10.39	12.66	2.27	3.30
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.													
Measuring point elevations of Ekotek Lube wells surveyed by Macleod and Associates on June 20, 1996.													
* Erler & Kalinoski report reducing the MP elevation of Ekotek wells MW-1 by 0.27' and MW-5 by 0.33' after 10/1/96. New MPs are reflected in respective November and December groundwater elevations.													
The Product Thickness in Ekotek Well MW-5 on 10/1/96 and 11/7/96 is estimated; product was observed to the bottom of well.													

TABLE 2
Former American National Can Company Facility
Oakland, California
Summary of Area 3 Mound Height Monitoring Results

Date of Measurement	GW Elev. MW-3	GW Elev. MW-5	MW-3 Mound Height	GW Elev. MW-2	GW Elev. MW-4	MW-2 Mound Height
16-Apr-91	6.29	3.18	3.11	5.91	3.27	2.64
29-Apr-91	5.89	2.98	2.91	5.13	3.13	2.00
15-May-91	5.82	2.87	2.95	4.81	2.91	1.90
29-May-91	5.47	2.62	2.85	4.60	2.75	1.85
12-Jun-91	5.28	2.54	2.74	4.42	2.66	1.76
17-Jun-91	5.27	2.52	2.75	4.36	2.69	1.67
27-Jun-91	5.32	2.49	2.83	4.37	2.58	1.79
15-Jul-91	5.03	2.40	2.63	4.12	2.50	1.62
12-Aug-91	4.65	2.28	2.37	3.85	2.38	1.50
23-Sep-91	4.22	2.14	2.08	3.56	2.19	1.37
21-Oct-91	3.97	1.98	1.99	3.28	2.00	1.28
22-Nov-91	4.51	2.10	2.41	3.36	2.13	1.23
27-Jan-92	5.24	2.44	2.80	3.90	2.44	1.46
25-Feb-92	6.39	3.97	2.42	5.92	3.99	1.93
5-May-92	6.24	3.49	2.75	5.69	3.60	2.09
24-Aug-92	4.97	2.71	2.26	4.10	2.79	1.31
3-Dec-92	4.44	2.37	2.07	3.55	2.33	1.22
20-Jan-93	6.36	4.71	1.65	5.10	4.67	0.43
1-Mar-93	6.60	4.74	1.86	6.05	4.89	1.16
2-Jun-93	6.01	3.82	2.19	5.63	3.92	1.71
27-Sep-93	4.51	3.10	1.41	4.02	3.12	0.90
20-Dec-93	4.98	3.47	1.51	4.01	3.35	0.66
18-Mar-94	6.32	4.14	2.18	5.75	4.20	1.55
12-Jul-94	4.35	2.80	1.55	4.35	2.88	1.47
3-Aug-94	4.41	2.51	1.90	3.95	2.59	1.36
6-Sep-94	4.16	2.70	1.46	3.24	2.68	0.56
3-Oct-94	4.12	2.65	1.47	2.89	2.64	0.25
12-Oct-94	3.85	2.57	1.28	2.65	2.54	0.11
7-Nov-94	3.74	4.14	-0.40	3.26	3.99	-0.73
5-Dec-94	6.51	5.15	1.36	6.13	5.15	0.98
29-Dec-94	6.80	4.95	1.85	6.08	5.11	0.97
7-Feb-95	8.78	7.29	1.49	8.81	7.52	1.29
8-Mar-95	6.87	5.23	1.64	7.66	5.30	2.36
7-Apr-95	7.85	6.00	1.85	8.37	6.42	1.95
12-May-95	6.26	4.25	2.01	7.69	4.44	3.25
5-Jun-95	5.48	3.79	1.69	6.03	4.45	1.58
6-Jul-95	5.25	3.42	1.83	5.88	3.56	2.32
15-Aug-95	4.72	3.07	1.65	4.79	3.17	1.62
8-Sep-95	4.47	2.91	1.56	4.12	2.93	1.19
16-Oct-95	4.08	2.45	1.63	3.54	2.96	0.58
6-Nov-95	4.08	2.98	1.10	3.81	2.98	0.83
4-Dec-95	4.87	2.84	2.03	3.90	2.89	1.01
2-Jan-96	5.96	2.85	3.11	4.50	3.99	0.51
5-Feb-96	6.27	4.33	1.94	5.64	4.69	0.95
5-Mar-96	6.56	4.60	1.96	6.74	4.82	1.92
2-Apr-96	5.98	3.83	2.15	6.97	4.95	2.02
8-May-96	6.17	3.60	2.57	7.18	3.79	3.39
3-Jun-96	6.00	3.79	2.21	6.71	3.98	2.73
8-Jul-96	4.95	3.31	1.64	5.56	3.45	2.11
7-Aug-96	5.26	3.41	1.85	4.90	3.50	1.40
4-Sep-96	4.83	3.26	1.57	4.54	3.33	1.21
1-Oct-96	4.88	3.36	1.52	4.32	3.41	0.91
7-Nov-96	4.76	3.28	1.48	4.17	3.44	0.73
6-Dec-96	5.26	3.58	1.68	4.27	3.55	0.72

Notes:

1. All groundwater elevations are expressed in feet above mean sea level.
2. MW-3 mound height refers to the height of the groundwater mound at well MW-3 as compared to well MW-5. It is calculated as the difference in groundwater elevation between the two wells.
3. MW-2 mound height refers to the height of the groundwater mound at well MW-2 as compared to well MW-4. It is calculated as the difference in groundwater elevation between the two wells.
4. The Jan 2, 1996 groundwater elevation for MW-5 may reflect a measurement error. If so, the associated mound height measurement may actually be lower than that reported above.

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

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

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

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

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

	GW-1/GW-1R				GW-2/GW-2R				MW-2				MW-3				MW-4				MW-5			
	Prod. Depth	Water Depth	Prod. Thick.	G.W. Elev.	Prod. Depth	Water Depth	Prod. Thick.	G.W. Elev.	Prod. Depth	Water Depth	Prod. Thick.	G.W. Elev.	Prod. Depth	Water Depth	Prod. Thick.	G.W. Elev.	Prod. Depth	Water Depth	Prod. Thick.	G.W. Elev.	Prod. Depth	Water Depth	Prod. Thick.	G.W. Elev.
11/28/94	NP	10.47	0.00	4.57	8.66	8.84	0.18	4.56	NP	8.93	0.00	5.93	NP	8.38	0.00	6.18	NP	10.20	0.00	5.07	NP	9.55	0.00	5.18
12/2/94	--	--	--	--	8.82	8.91	0.09	4.41	NP	8.72	0.00	6.14	NP	8.10	0.00	6.46	--	--	--	--	NP	9.65	0.00	5.08
12/5/94	NP	10.24	0.00	4.80	8.75	8.82	0.07	4.49	NP	8.73	0.00	6.13	NP	8.05	0.00	6.51	NP	10.12	0.00	5.15	NP	9.58	0.00	5.15
12/29/94	NP	10.19	0.00	4.85	9.00	9.14	0.14	4.23	NP	8.78	0.00	6.08	NP	7.76	0.00	6.80	NP	10.16	0.00	5.11	NP	9.78	0.00	4.95
1/4/95	--	--	--	--	8.79	8.87	0.08	4.45	8.44	8.45	0.01	6.42	7.29	7.30	0.01	7.27	--	--	--	--	9.59	9.60	0.01	5.14
2/7/95	NP	7.34	0.00	7.70	6.85	7.00	0.15	6.37	6.05	6.06	0.01	8.81	NP	5.78	0.00	8.78	NP	7.75	0.00	7.52	7.44	7.45	0.01	7.29
3/8/95	NP	8.40	0.00	6.64	8.64	8.72	0.08	4.60	7.20	7.215	0.01	7.66	7.69	7.70	0.01	6.87	NP	9.97	0.00	5.30	9.50	9.52	0.02	5.23
4/7/95	NP	7.24	0.00	7.80	8.05	8.21	0.16	5.17	6.49	6.50	0.01	8.37	6.72	6.74	0.02	7.84	NP	8.85	0.00	6.42	8.72	8.79	0.07	6.00
5/12/95	--	--	--	--	9.61	9.75	0.14	3.62	7.17	7.18	0.01	7.69	8.30	8.32	0.02	6.26	NP	10.83	0.00	4.44	NP	10.49	0.00	4.24
6/5/95	NP	9.71	0.00	5.33	10.04	10.15	0.11	3.19	8.83	8.84	0.01	6.03	9.08	9.10	0.02	5.48	NP	10.82	0.00	4.45	10.91	11.07	0.16	3.79
7/6/95	NP	10.50	0.00	4.54	10.39	10.45	0.06	2.85	8.98	9.00	0.02	5.88	9.30	9.34	0.04	5.25	NP	11.71	0.00	3.56	11.31	11.33	0.02	3.42
8/15/95	NP	11.56	0.00	3.48	10.67	10.87	0.20	2.55	10.06	10.13	0.07	4.79	NP	9.84	0.00	4.72	NP	12.10	0.00	3.17	11.65	11.70	0.05	3.07
9/8/95	NP	11.98	0.00	3.06	10.78	11.05	0.27	2.42	10.73	10.80	0.07	4.12	10.09	10.10	0.01	4.47	NP	12.34	0.00	2.93	11.81	11.84	0.03	2.91
10/16/95	NP	12.45	0.00	2.59	10.70	11.33	0.63	2.44	11.30	11.41	0.11	3.54	10.47	10.52	0.05	4.08	NP	12.31	0.00	2.96	12.28	12.28	0.00	2.45
11/6/95	NP	14.63	0.00	2.73	13.23	13.99	0.76	2.45	12.54	12.61	0.07	3.81	12.16	12.20	0.04	4.08	NP	13.06	0.00	2.98	11.79	11.82	0.03	2.98
12/4/95	NP	14.45	0.00	2.91	13.42	14.10	0.68	2.27	12.45	12.50	0.05	3.90	11.38	11.38	0.01	4.87	NP	13.15	0.00	2.89	11.92	12.02	0.10	2.84
1/2/96	NP	13.35	0.00	4.01	12.31	12.69	0.38	3.44	11.86	11.87	0.01	4.50	10.29	10.29	0.00	5.96	NP	12.05	0.00	3.99	11.93	11.93	0.00	2.85
2/5/96	12.34	12.34	0.00	5.02	11.54	11.90	0.36	4.21	10.72	10.73	0.01	5.64	9.98	9.99	0.01	6.27	11.35	11.36	0.01	4.69	10.45	10.45	0.00	4.33
3/5/96	11.12	11.13	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	11.23	0.005	4.82	10.18	10.19	0.005	4.60
4/2/96	11.09	11.09	0.005	6.27	12.59	13.02	0.43	3.15	9.38	9.41	0.03	6.97	10.26	10.29	0.03	5.98	sheen	11.09	<.01	4.95	10.94	10.99	0.05	3.83
5/8/96	NP	12.18	0.00	5.18	12.73	13.09	0.36	3.02	NP	9.18	0.00	7.18	10.08	10.10	0.02	6.17	NP	12.25	0.00	3.79	11.18	11.20	0.02	3.60
6/3/96	NP	12.06	0.00	5.30	12.67	12.95	0.28	3.09	9.65	9.66	0.01	6.71	10.25	10.26	0.01	6.00	NP	12.06	0.00	3.98	10.98	11.02	0.04	3.79
7/8/96	NP	13.09	0.00	4.27	13.05	13.46	0.41	2.69	10.75	11.05	0.30	5.56	11.30	11.31	0.01	4.95	NP	12.59	0.00	3.45	11.46	11.54	0.08	3.31
8/7/96	13.61	13.61	0.00	3.75	13.01	13.41	0.40	2.73	11.42	11.67	0.25	4.90	10.99	10.99	0.00	5.26	NP	12.54	0.00	3.50	11.37	11.37	0.00	3.41
9/4/96	13.95	13.95	0.00	3.41	13.11	13.42	0.31	2.65	11.79	11.98	0.19	4.54	11.42	11.42	0.00	4.83	NP	12.71	0.00	3.33	11.51	11.56	0.05	3.26
10/1/96	13.99	13.99	0.00	3.37	12.96	13.25	0.29	2.80	12.01	12.17	0.16	4.32	11.37	11.37	0.00	4.88	NP	12.63	0.00	3.41	NP	11.42	0.00	3.36
11/7/96	13.97	13.97	0.00	3.39	13.06	13.57	0.51	2.66	12.16	12.35	0.19	4.17	11.49	11.49	0.00	4.76	NP	12.60	0.00	3.44	11.49	11.53	0.04	3.28
12/6/96	13.86	13.86	0.00	3.50	12.89	13.26	0.37	2.86	12.07	12.19	0.12	4.27	10.99	10.99	0.00	5.26	NP	12.49	0.00	3.55	11.20	11.20	0.00	3.58

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 Groundwater Analytical Results - Area 3

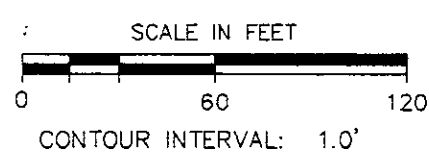
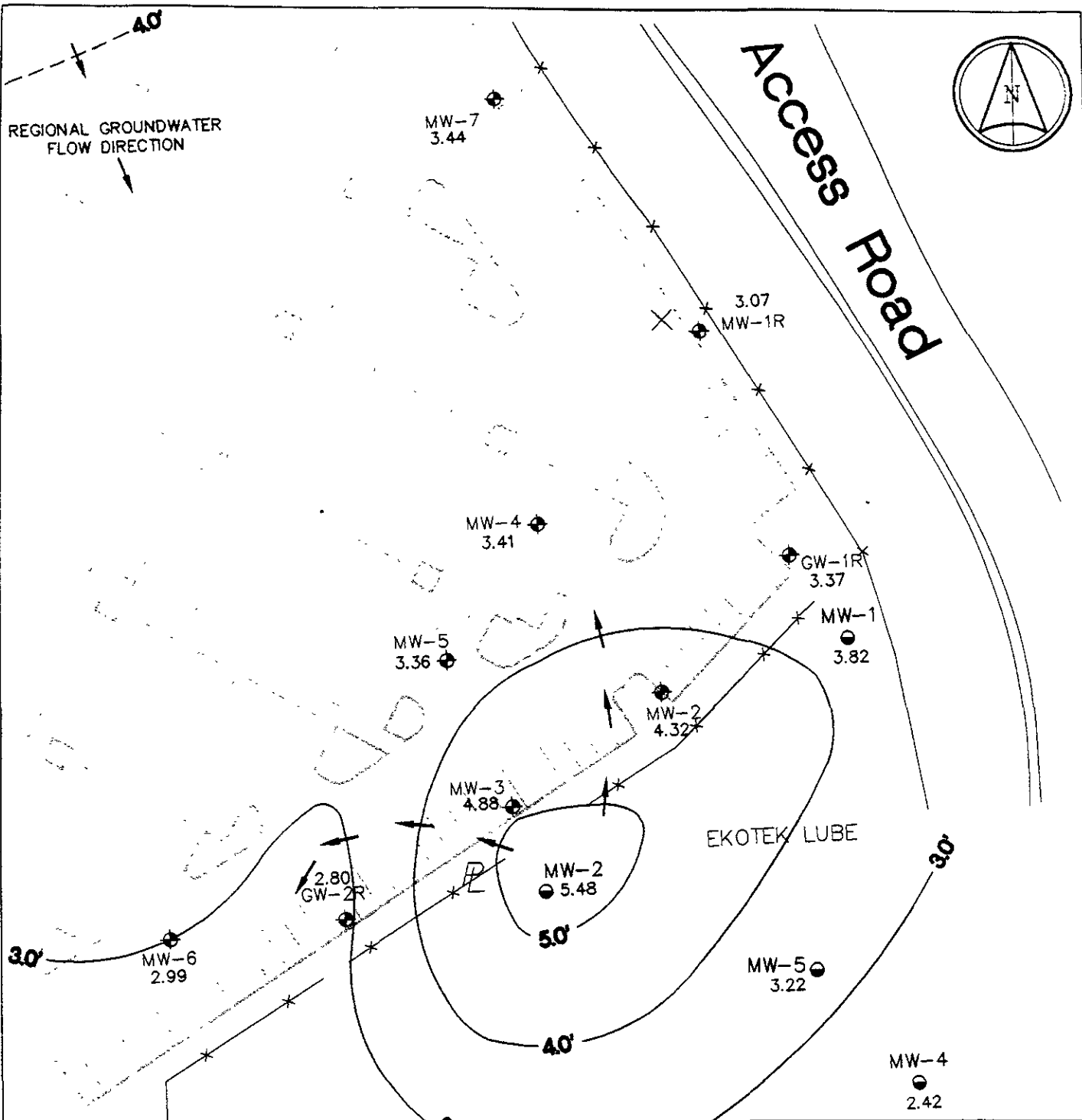
ANALYSIS	6-Oct-95					3-Jan-96					4/4-5/1996									
	MW-1R	MW-4	MW-6	MW-7	GW-1R	MW-1R	MW-4	MW-6	MW-7	GW-1R	MW-1R	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	GW-1R	GW-2R	
<i>Volatile Organics</i> (EPA Method 8240)(ug/l)																				
Dilution Factor	1.0	2.5	1.0	1.0	5.0	1.0	1.0	1.0	1.0	1.0	1.0	--	--	--	--	1.0	1.0	--	--	
Acetone	nd	nd	nd	nd	nd	nd	nd	nd	nd	52	nd	--	--	--	--	nd	nd	--	--	
Benzene	21	220	nd	nd	330	5.3	180	nd	nd	330	7.2	--	--	--	--	nd	nd	--	--	
Chlorobenzene	50	32	nd	nd	nd	22	31	nd	nd	nd	24	--	--	--	--	nd	nd	--	--	
Chloroethane	nd	nd	nd	nd	nd	nd	7.5	nd	nd	6.1	nd	--	--	--	--	nd	nd	--	--	
1,1-Dichloroethane	3.4	nd	5.6	nd	nd	5.6	nd	18	nd	nd	5.2	--	--	--	--	14	nd	--	--	
1,2-Dichloroethane	nd	nd	nd	nd	nd	9.4	nd	nd	nd	nd	12	--	--	--	--	nd	nd	--	--	
cis-1,2-Dichloroethene	5.4	nd	nd	nd	180	5.5	nd	nd	nd	100	5.5	--	--	--	--	nd	nd	--	--	
trans-1,2-Dichloroethene	nd	nd	nd	nd	14	nd	nd	nd	nd	7.7	nd	--	--	--	--	nd	nd	--	--	
Ethylbenzene	nd	8.2	nd	nd	67	nd	5.8	nd	nd	43	nd	--	--	--	--	nd	nd	--	--	
2-Hexanone	nd	nd	nd	nd	nd	nd	nd	nd	nd	29	nd	--	--	--	--	nd	nd	--	--	
Toluene	nd	6.8	nd	nd	150	nd	6.3	nd	nd	110	nd	--	--	--	--	nd	nd	--	--	
1,1,1-Trichloroethane	nd	nd	nd	nd	nd	nd	nd	2.5	nd	nd	nd	--	--	--	--	nd	nd	--	--	
Vinyl Chloride	2.5	nd	nd	nd	640	2.8	nd	nd	nd	460	5.9	--	--	--	--	nd	nd	--	--	
Total Xylenes	4.4	21	nd	nd	270	nd	20	nd	nd	190	3.5	--	--	--	--	nd	nd	--	--	
Total VOCs	86.7	288.0	5.6	nd	1651	50.6	250.6	20.5	nd	1276	63.3	--	--	--	--	14.0	nd	--	--	
<i>TPH as gasoline</i> (EPA Method 8015 Mod)(ug/l)	240	1400	nd	nd	2900	210	2000	nd	nd	3500	360	--	--	--	--	nd	nd	--	--	
<i>TPH as mineral spirits</i> (EPA Method 8015 Mod)(ug/l)	520	--	--	--	--	460	--	--	--	--	570	16000	1300	5200	7600	nd	190	18000	14000	
<i>TPH as diesel</i> (EPA Method 8015 Mod)(ug/l)	2700	23000	180	500	16000	1800	15000	140	530	43000	1800	--	--	--	--	200	1200	--	--	
<i>Semi-Volatile Organics</i> (EPA Method 8270)(ug/l)																				
Dilution Factor	1.0	10.0	1.0	1.0	20.0	1.0	1.0	1.0	1.0	1.0	1.0	--	--	--	--	1.0	1.0	--	--	
Bis(2-chloroethyl)ether	5.8	nd	nd	nd	nd	nd	10.0	nd	nd	nd	nd	--	--	--	--	nd	nd	--	--	
1,2-Dichlorobenzene	17.0	nd	nd	nd	nd	9.6	17.0	nd	nd	nd	20.0	--	--	--	--	nd	nd	--	--	
1,4-Dichlorobenzene	14.0	nd	nd	nd	nd	9.9	9.4	nd	nd	nd	19.0	--	--	--	--	nd	nd	--	--	
2,4-Dimethylphenol	nd	nd	nd	nd	1800	nd	nd	nd	nd	1900	nd	--	--	--	--	nd	nd	--	--	
2-Methylnaphthalene	8.3	nd	nd	nd	nd	nd	21.0	nd	nd	nd	nd	--	--	--	--	nd	nd	--	--	
2-Methylphenol	nd	nd	nd	nd	nd	nd	nd	nd	nd	64	nd	--	--	--	--	nd	nd	--	--	
Naphthalene	nd	nd	nd	nd	nd	nd	10.0	nd	nd	91	nd	--	--	--	--	nd	nd	--	--	
<i>PCBs</i> (EPA Method 8080)(ug/l)	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	--	--	--	--	nd	nd	--	--	
NOTES: --: Indicates compound was not analyzed for. nd: Indicates compound was not detected at the instrument detection limit.																				

TABLE 4
 AMERICAN NATIONAL CAN COMPANY
 Former Oakland, California Facility

Summary of Quarterly Groundwater Analytical Results - Area 3

ANALYSIS	10-Jul-96						3-Oct-96						
	MW-1R	MW-3	MW-4	MW-6	MW-7	GW-1R	MW-1R	MW-3	MW-4	MW-5	MW-6	MW-7	GW-1R
<i>Volatile Organics</i> (EPA Method 8240)(ug/l)													
Dilution Factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.25	1.0	1.0	2.8
Acetone	nd	nd	nd	nd	nd	nd	nd	11	nd	nd	nd	nd	81
Benzene	9.4	140	350	nd	nd	380	7.8	130	250	230	nd	nd	520
Chlorobenzene	31	4.9	47	nd	nd	2.4	36	5.2	49	72	nd	nd	nd
Chloroethane	nd	25	15	nd	nd	nd	nd	18	7.8	5.5	nd	nd	9
1,1-Dichloroethane	2.7	14	nd	7.7	nd	2.9	3.7	13	nd	nd	6.4	nd	nd
1,2-Dichloroethane	nd	nd	nd	nd	nd	nd	4.8	nd	nd	nd	nd	nd	nd
cis-1,2-Dichloroethene	4.4	8.5	nd	nd	nd	6.6	5.0	6.4	nd	nd	nd	nd	7.7
trans-1,2-Dichloroethene	nd	nd	nd	nd	nd	8.8	nd	nd	nd	nd	nd	nd	8.2
Ethylbenzene	nd	2	18	nd	nd	68	nd	nd	8.3	16	nd	nd	93
2-Hexanone	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Toluene	nd	7.8	7.8	nd	nd	100	nd	nd	7.9	6.8	nd	nd	110
1,1,1-Trichloroethane	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Vinyl Chloride	3.0	17	nd	nd	nd	380	3.5	11	nd	nd	nd	nd	410
Total Xylenes	nd	8.5	77	nd	nd	280	nd	4.2	33	45	nd	nd	400
Total VOCs	50.5	227.7	514.8	7.7	nd	1229	60.8	198.8	356.0	375.3	6.4	0.0	1638.9
<i>TPH as gasoline</i> (EPA Method 8015 Mod)(ug/l)	190	270	1500	nd	nd	3000	260	680	1800	1900	nd	nd	5000
<i>TPH as mineral spirits</i> (EPA Method 8015 Mod)(ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
<i>TPH as diesel</i> (EPA Method 8015 Mod)(ug/l)	1600	12000	11000	130	510	42000	1900	13000	11000	10000	120	510	60000
<i>Semi-Volatile Organics</i> (EPA Method 8270)(ug/l)													
Dilution Factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	20.0
Bis(2-chloroethyl)ether	nd	nd	nd	nd	nd	nd	nd	nd	7.7	nd	nd	nd	nd
1,2-Dichlorobenzene	17	nd	17	nd	nd	11	16	nd	17	32	nd	nd	nd
1,4-Dichlorobenzene	nd	nd	nd	nd	nd	nd	13	nd	11	22	nd	nd	nd
2,4-Dimethylphenol	nd	nd	nd	nd	nd	2200	nd	nd	nd	nd	nd	nd	2100
2-Methylnaphthalene	nd	nd	27	nd	nd	nd	nd	nd	23	29	nd	nd	nd
2-Methylphenol	nd	nd	nd	nd	nd	61	nd	nd	nd	nd	nd	nd	nd
Naphthalene	nd	nd	13	nd	nd	85	nd	nd	6.6	7.0	nd	nd	170
<i>PCBs</i> (EPA Method 8080)(ug/l)	nd	0.64	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NOTES:													
--: Indicates compound was not analyzed for.													
nd: Indicates compound was not detected at the instrument detection limit.													

FIGURES

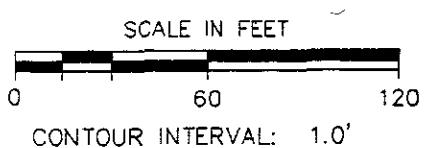
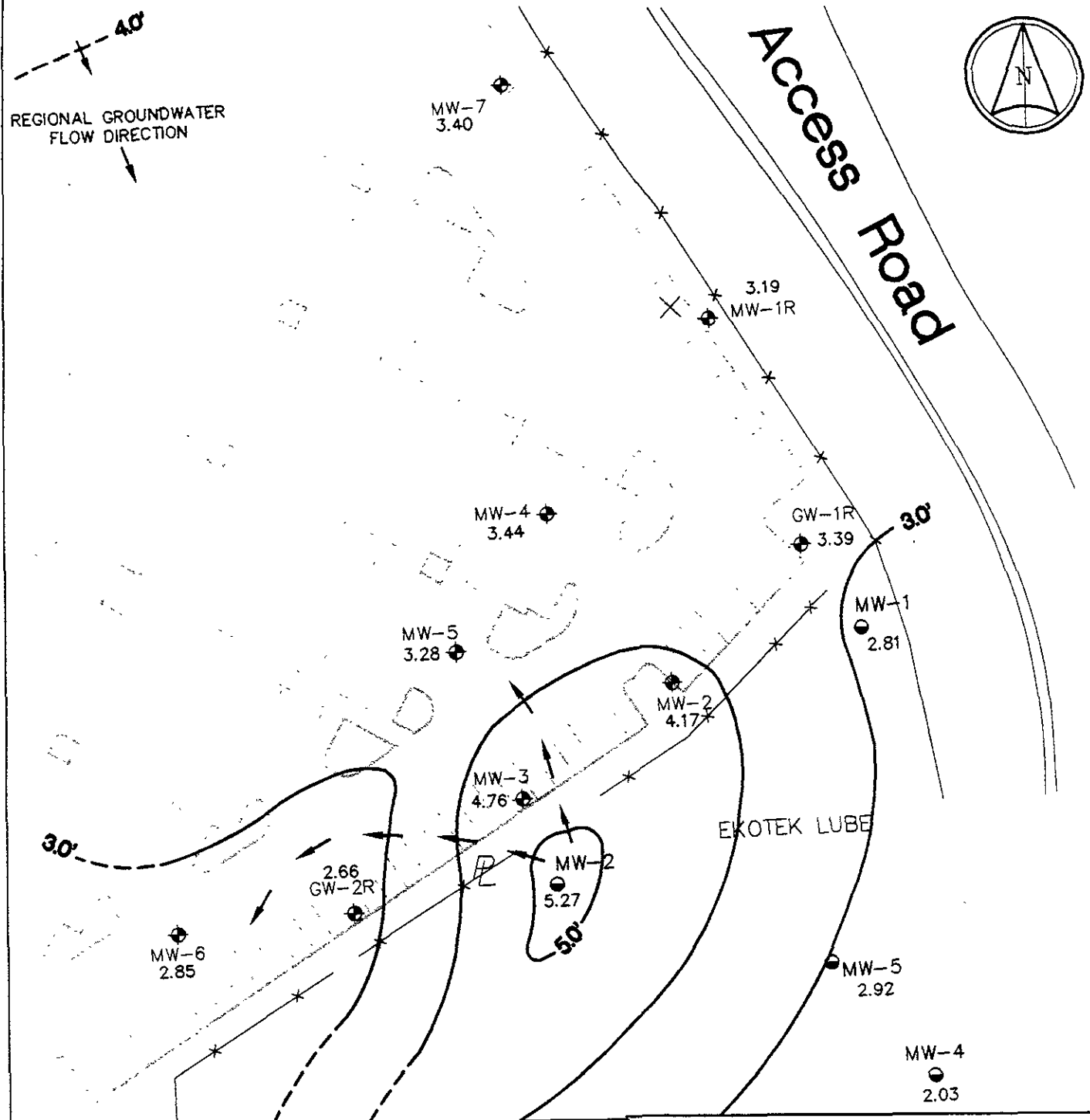


LEGEND	
MW-3	WELL IDENTIFICATION NUMBER
●	MONITORING WELL LOCATION
◆	GROUNDWATER ELEVATION
3.74	
— 40'	GROUNDWATER CONTOUR (dashed where inferred)
→	DIRECTION OF GROUNDWATER FLOW

RUST ENVIRONMENT & INFRASTRUCTURE

AREA 3 GROUNDWATER CONTOUR MAP
OCTOBER 1, 1996
AMERICAN NATIONAL CAN COMPANY
FORMER OAKLAND CALIFORNIA FACILITY

PROJECT NO. 35195.700	DATE 12/13/96	DWG. NO. 35195D1A	SCALE 1"=60'	FIGURE NO. 1A
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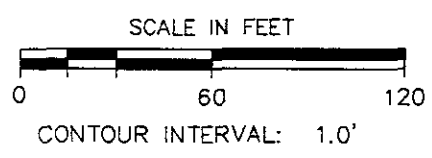
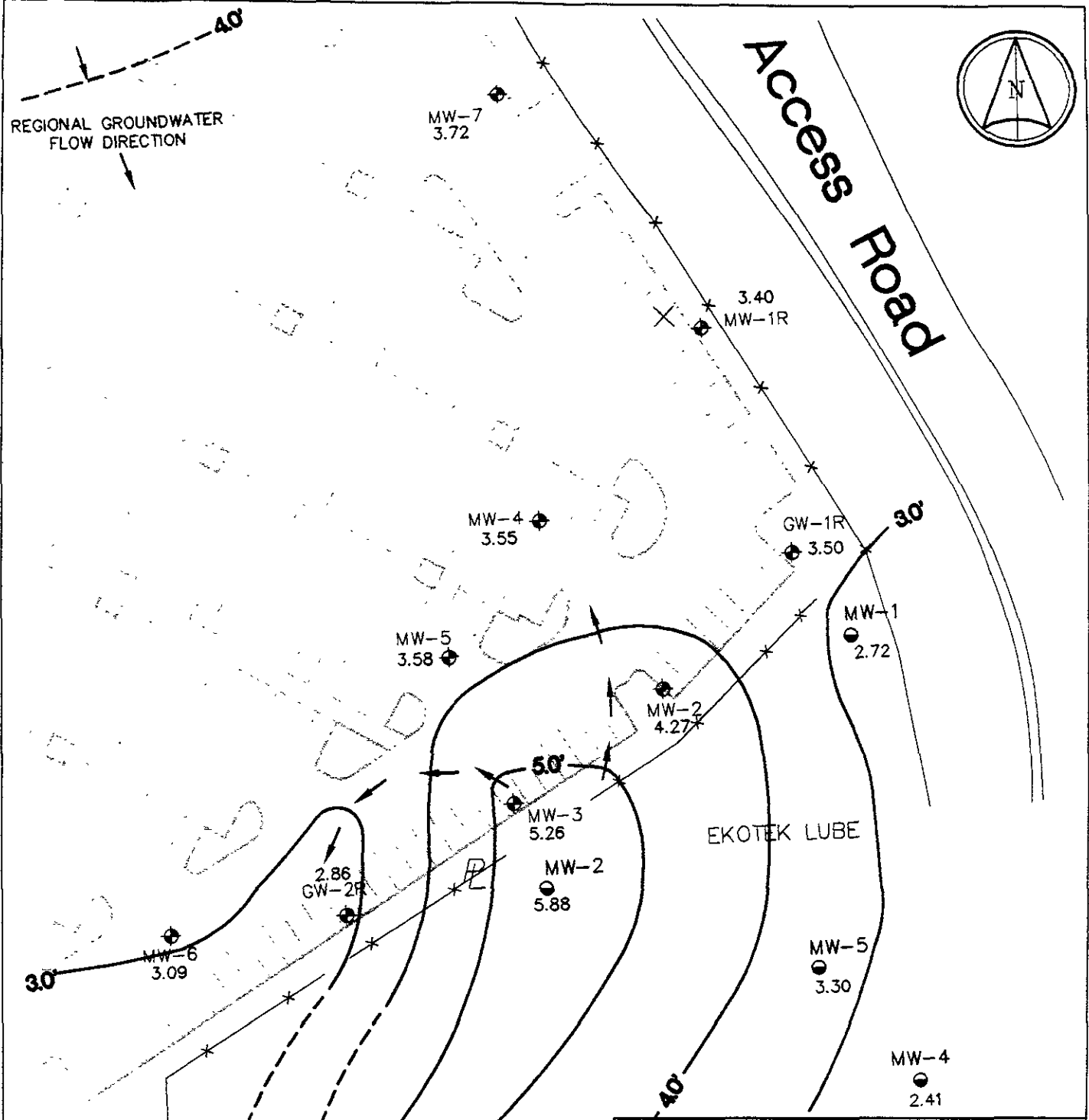
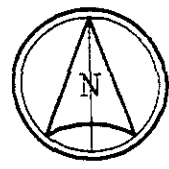
LEGEND	
MW-3	WELL IDENTIFICATION NUMBER
● ◆	MONITORING WELL LOCATION
4.63	GROUNDWATER ELEVATION
— 40'	GROUNDWATER CONTOUR (dashed where inferred)
←	DIRECTION OF GROUNDWATER FLOW

AREA 3 GROUNDWATER CONTOUR MAP
NOVEMBER 7, 1996

RUST ENVIRONMENT & INFRASTRUCTURE

AMERICAN NATIONAL CAN COMPANY
FORMER OAKLAND CALIFORNIA FACILITY

PROJECT NO. 35195.700	DATE 12/13/96	DWG. NO. 35195D1B	SCALE 1"=60'	FIGURE NO. 1B
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LEGEND	
MW-3	WELL IDENTIFICATION NUMBER
●	MONITORING WELL LOCATION
◆	GROUNDWATER ELEVATION
5.39	
— 40'	GROUNDWATER CONTOUR (dashed where inferred)
←	DIRECTION OF GROUNDWATER FLOW

AREA 3 GROUNDWATER CONTOUR MAP
DECEMBER 6, 1996

RUST ENVIRONMENT & INFRASTRUCTURE

AMERICAN NATIONAL CAN COMPANY
FORMER OAKLAND CALIFORNIA FACILITY

PROJECT NO. 35195.700	DATE 12/13/96	DWG. NO. 35195D1C	SCALE 1"=60'	FIGURE NO. 1C
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Former American National Can Company Facility
Oakland, California

Area 3 Groundwater Level and
Mound Height Monitoring:
Wells MW-2 and MW-4

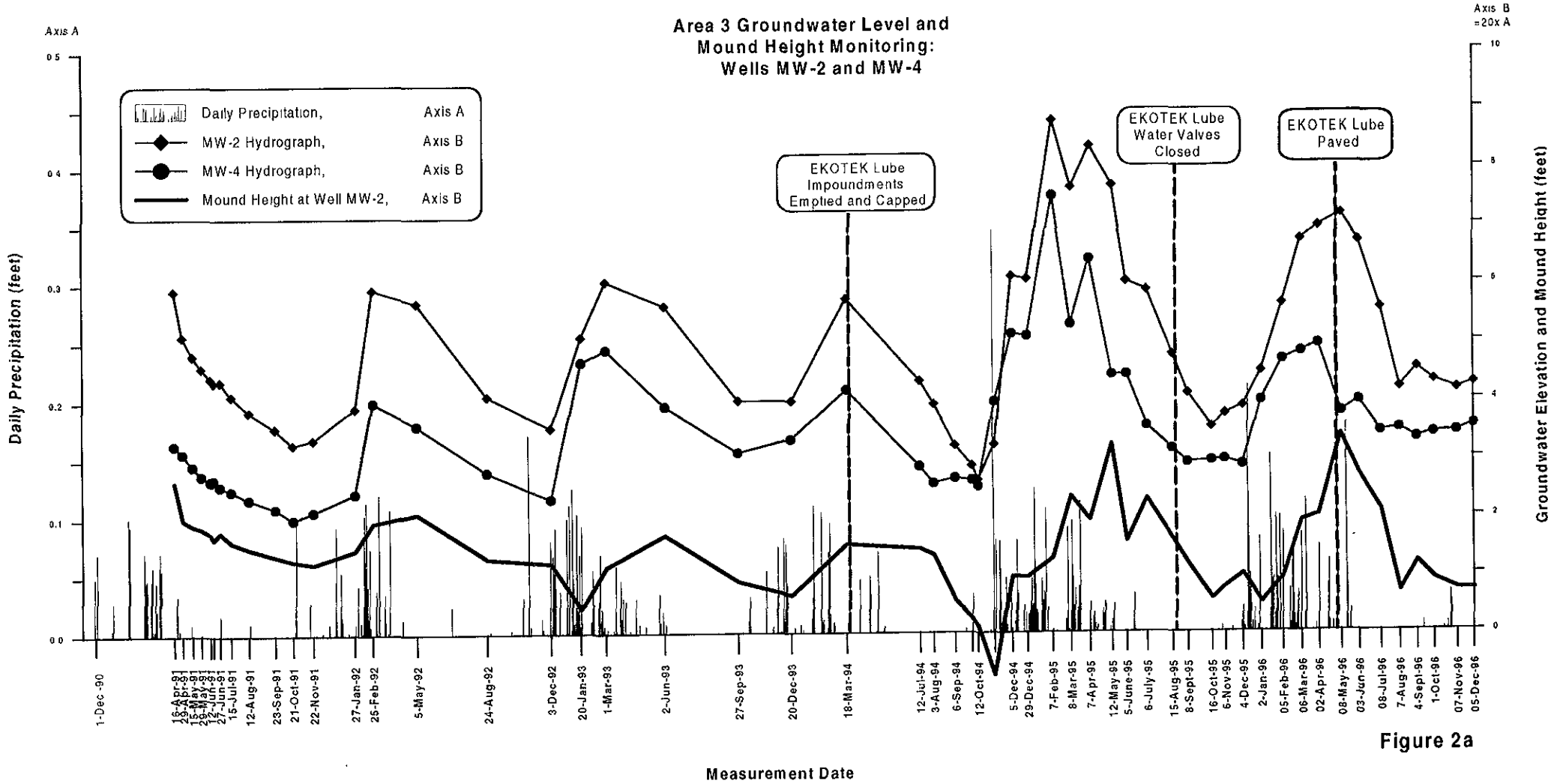


Figure 2a

Former American National Can Company Facility
Oakland, California

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

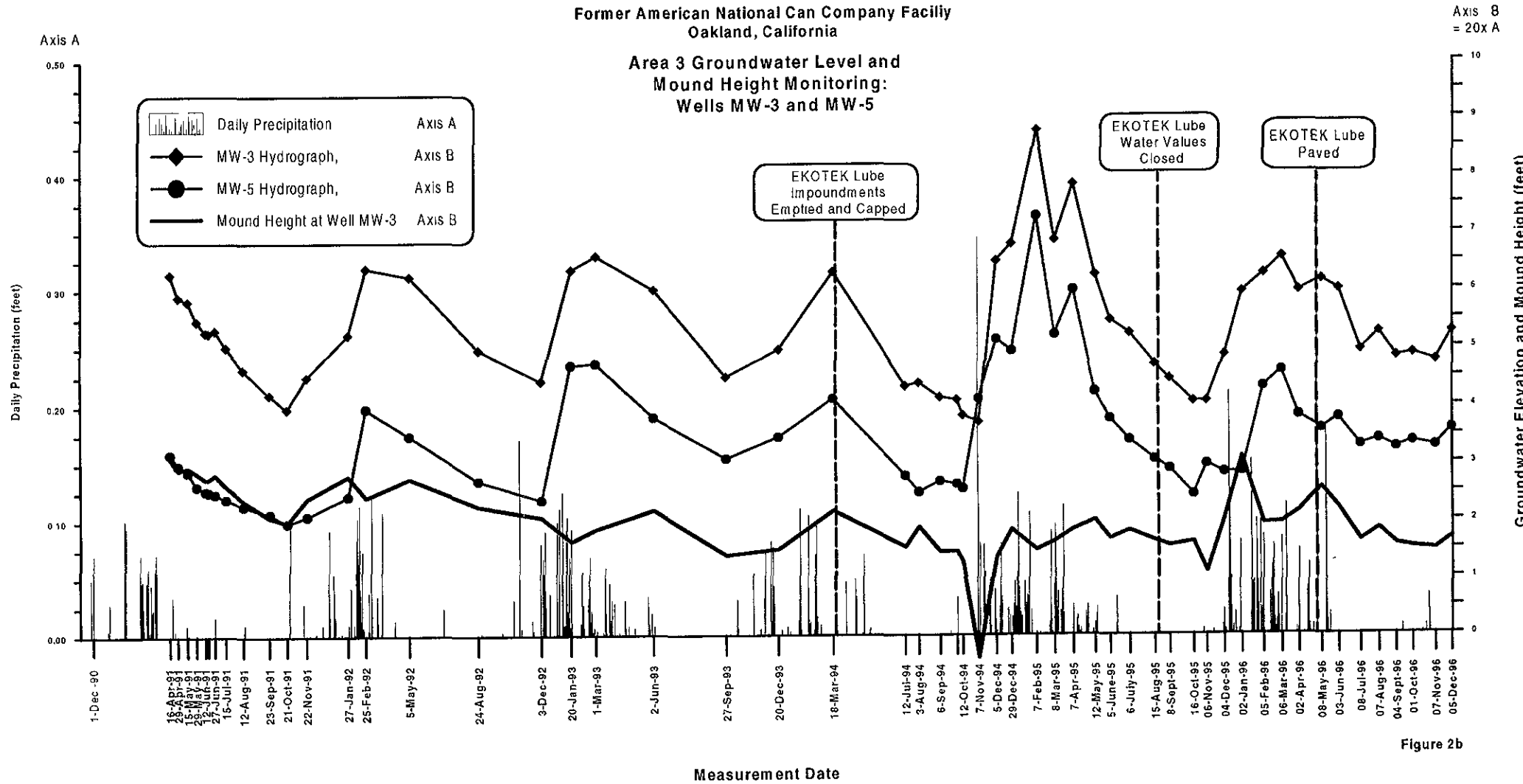


Figure 2b

Former American National Can Company Facility
Oakland, California

Area 3 Ground Water Mound Height
Monitoring Results

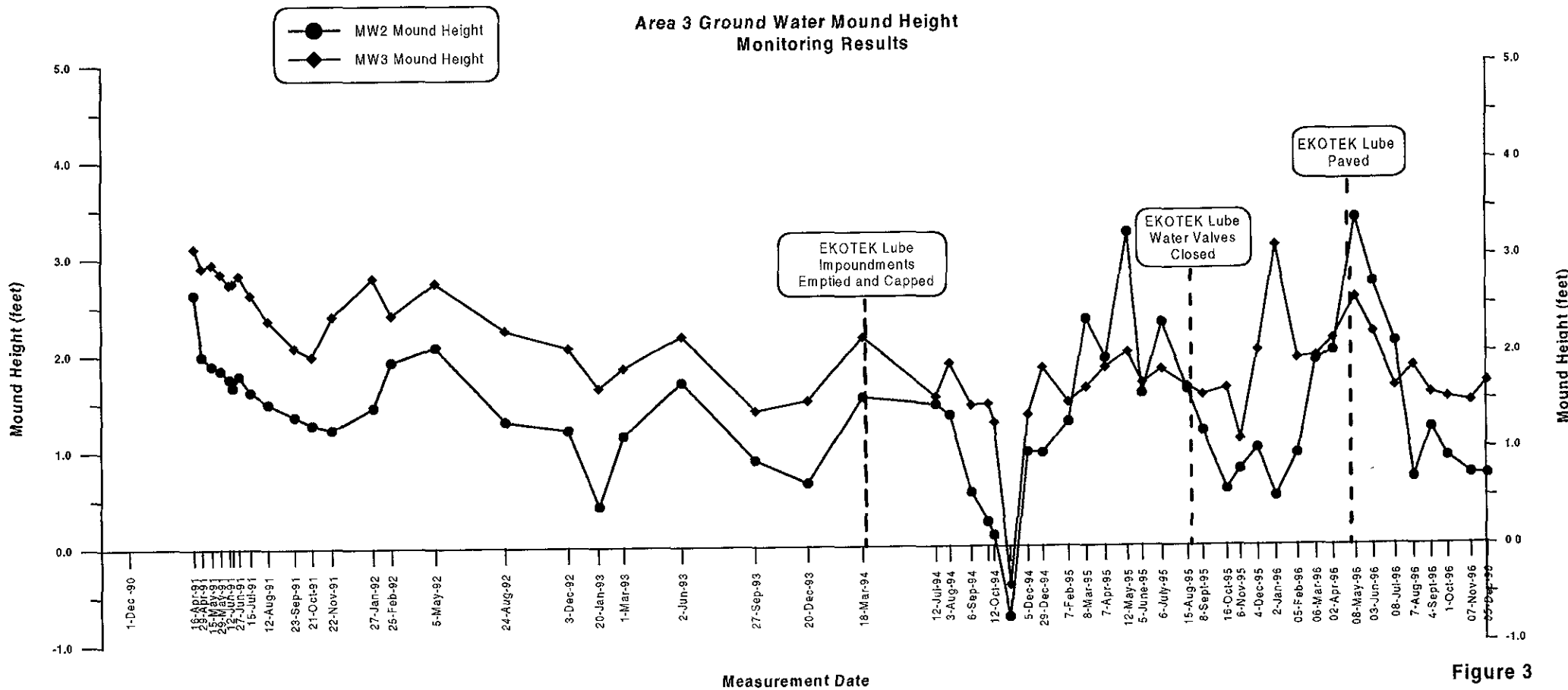


Figure 3

Former American National Can Company Facility
Oakland, California

Area 3 Product Monitoring Results:
Well GW-2R

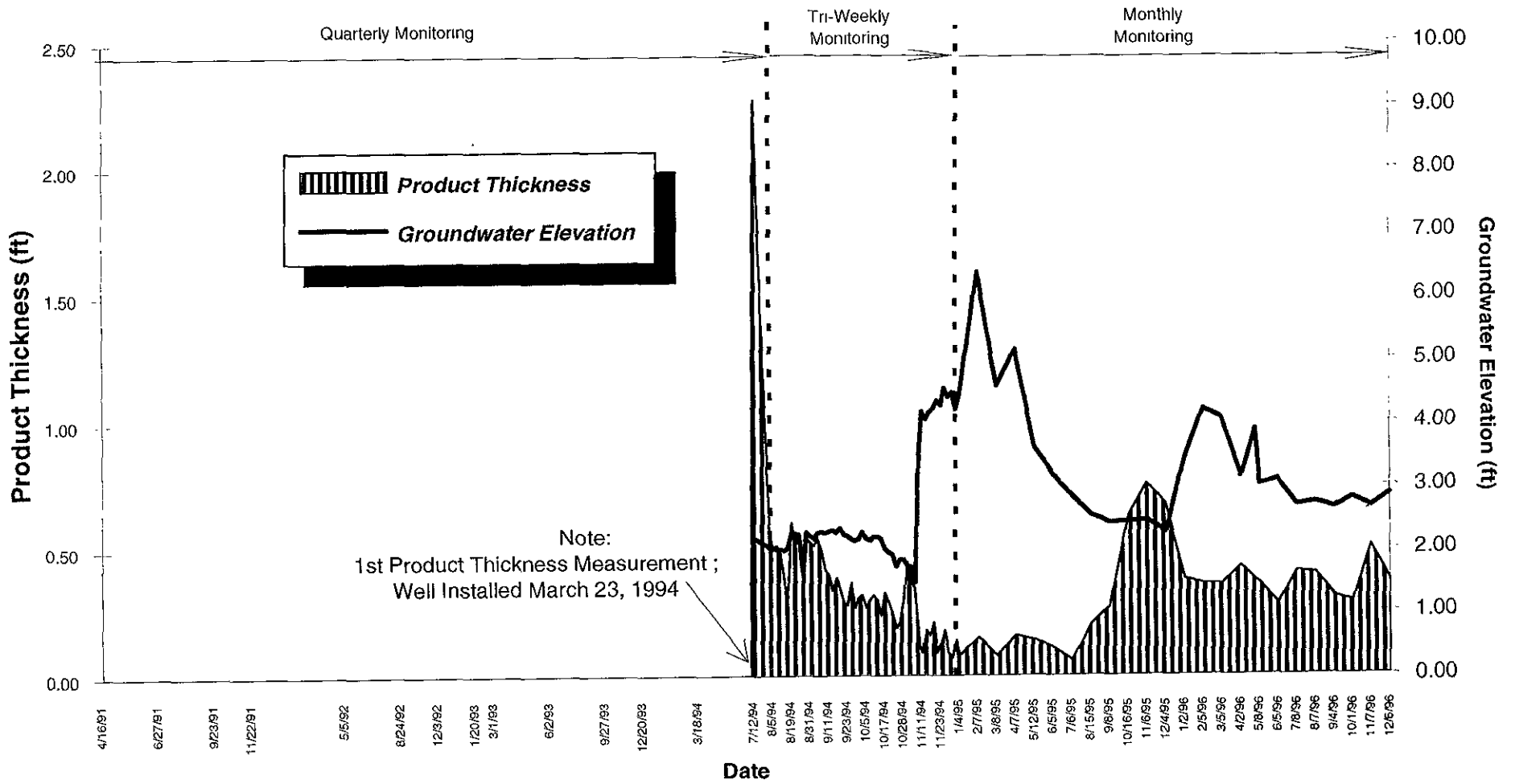


Figure 4a

Former American National Can Company Facility
Oakland, California

Area 3 Product Monitoring Results:
Well MW-2

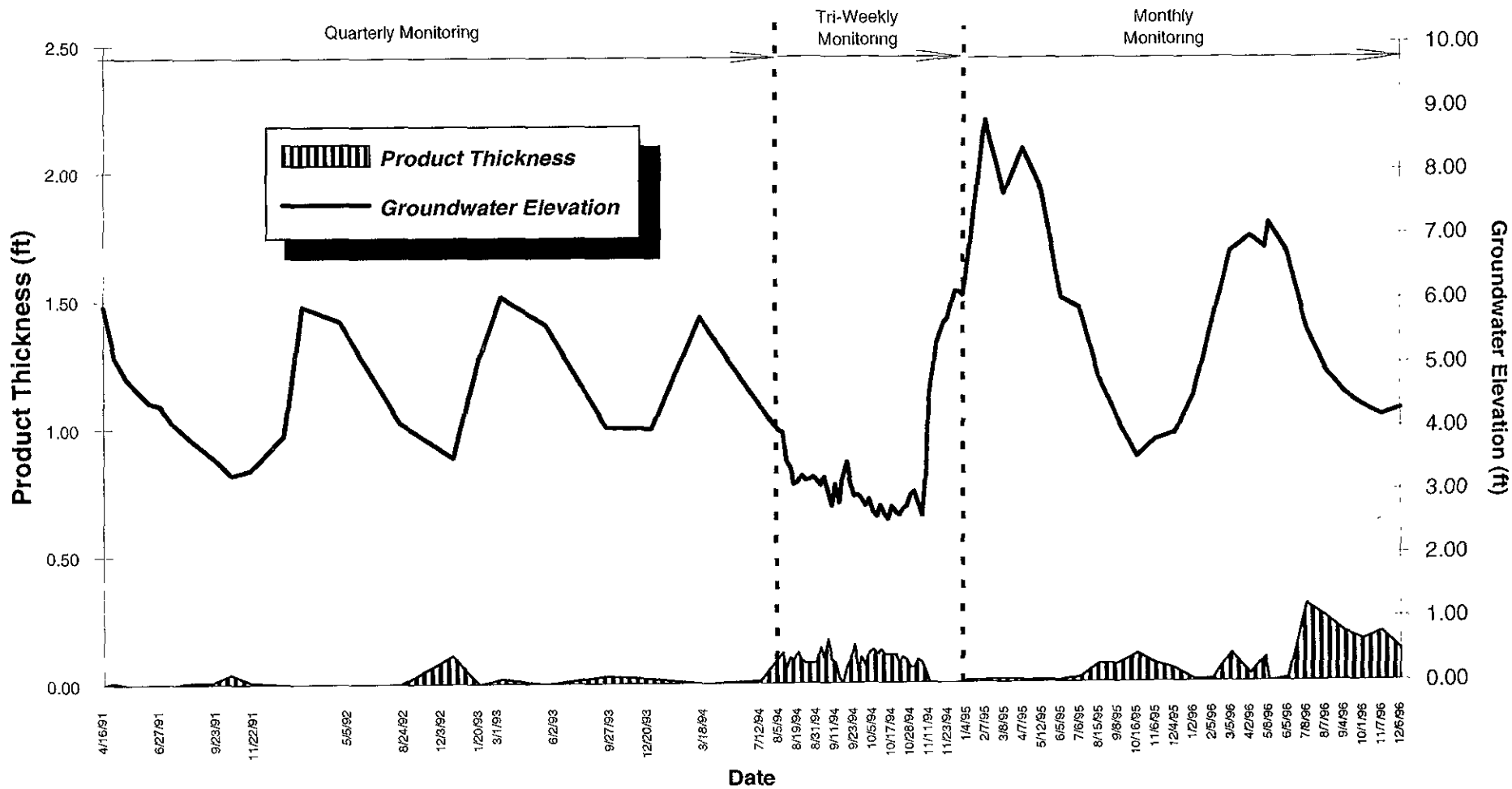


Figure 4b

Former American National Can Company Facility
Oakland, California

Area 3 Product Monitoring Results:
Well MW-5

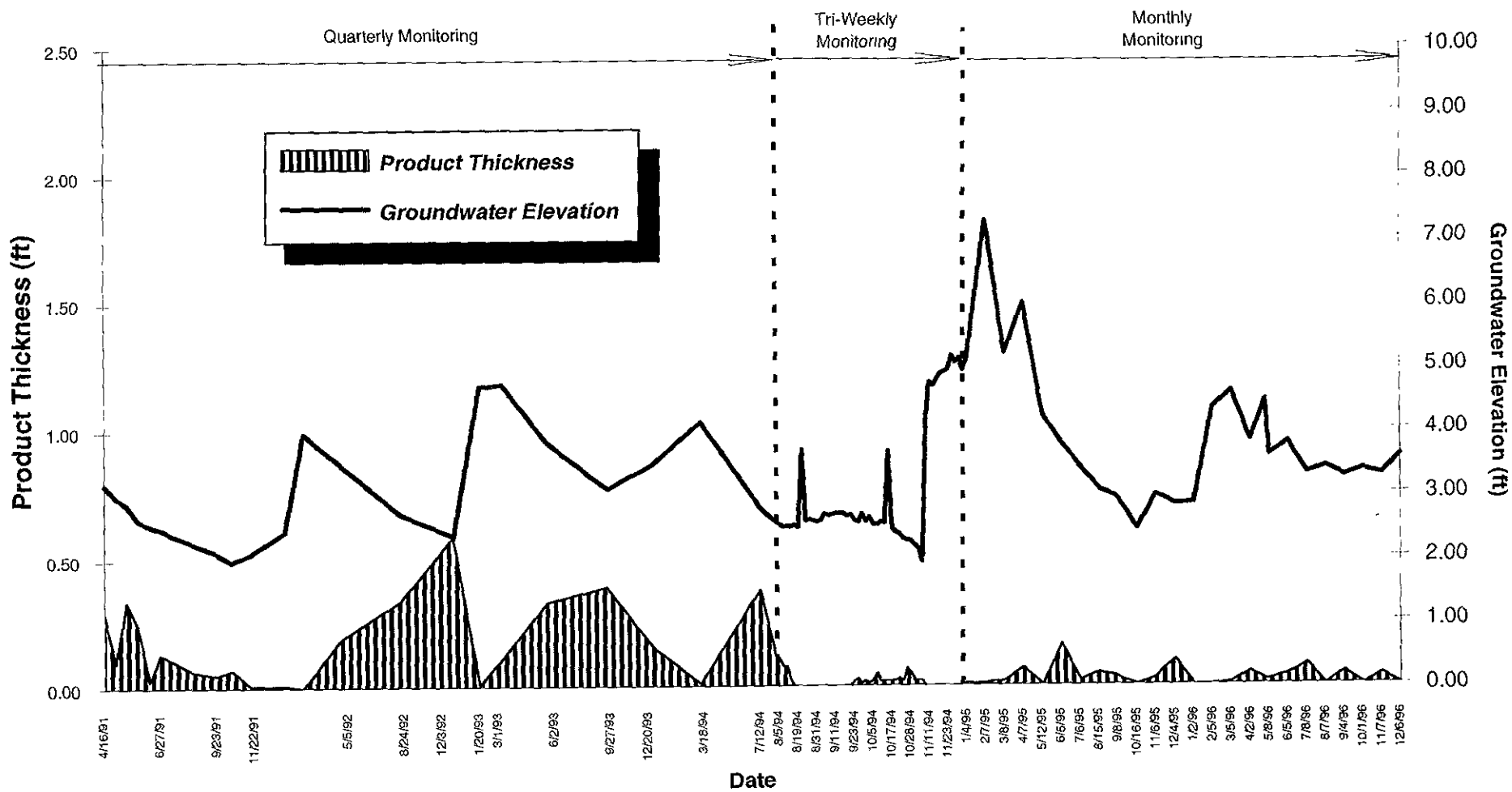


Figure 4c

LABORATORY ANALYTICAL REPORT



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

Client Proj. ID: 35195.700/ ANC-SRMP

Lab Proj. ID: 9610217

Received: 10/03/96

Reported: 10/15/96

LABORATORY NARRATIVE

Samples MW-1R, MW-4, MW-5, GW-1R, and MW-3, are reported at elevated detection limits for the PCBs due to sample matrix interferences. These samples were analyzed at a 1:20 dilution.

SEQUOIA ANALYTICAL

David A. Pichette
Project Manager





**Sequoia
Analytical**

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RUST E & I

OCT 24 1996

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

Client Proj. ID: 35195.700/ ANC-SRMP
Sample Descript: MW-7
Matrix: LIQUID
Analysis Method: EPA 8080
Lab Number: 9610217-01

Sampled: 10/03/96
Received: 10/03/96
Extracted: 10/07/96
Analyzed: 10/10/96
Reported: 10/15/96

QC Batch Number: GC1007960PCBEXA
Instrument ID: GCHP12B

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	132

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

SEQUOIA ANALYTICAL - ELAP #1210

David A. Pichette
Project Manager





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

Client Proj. ID: 35195.700/ ANC-SRMP
Sample Descript: MW-7
Matrix: LIQUID
Analysis Method: EPA 8240
Lab Number: 9610217-01

Sampled: 10/03/96
Received: 10/03/96
Analyzed: 10/08/96
Reported: 10/15/96

QC Batch Number: MS1008968240F2A
Instrument ID: F2

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.
Total Xylenes	2.0	N.D.





Sequoia Analytical

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FAX (510) 988-9673
FAX (916) 921-0100

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

Client Proj. ID: 35195.700/ ANC-SRMP
Sample Descript: MW-7
Matrix: LIQUID
Analysis Method: EPA 8240
Lab Number: 9610217-01

Sampled: 10/03/96
Received: 10/03/96
Analyzed: 10/08/96
Reported: 10/15/96

QC Batch Number: MS1008968240F2A
Instrument ID: F2

Analyte	Detection Limit ug/L	Sample Results ug/L
Surrogates		
1,2-Dichloroethane-d4	76	114
Toluene-d8	88	110
4-Bromofluorobenzene	86	115

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

SEQUOIA ANALYTICAL - ELAP #1210

David A. Pichette
Project Manager





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

Client Proj. ID: 35195.700/ ANC-SRMP
Sample Descript: MW-7
Matrix: LIQUID
Analysis Method: EPA 8270
Lab Number: 9610217-01

Sampled: 10/03/96
Received: 10/03/96
Extracted: 10/04/96
Analyzed: 10/07/96
Reported: 10/15/96

QC Batch Number: MS1004968270EXA
Instrument ID: F4

Semivolatile Organics (EPA 8270)

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





Sequoia Analytical

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FAX (510) 988-9673
FAX (916) 921-0100

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

Client Proj. ID: 35195.700/ ANC-SRMP
Sample Descript: MW-7
Matrix: LIQUID
Analysis Method: EPA 8270
Lab Number: 9610217-01

Sampled: 10/03/96
Received: 10/03/96
Extracted: 10/04/96
Analyzed: 10/07/96
Reported: 10/15/96

QC Batch Number: MS1004968270EXA
Instrument ID: F4

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

Surrogates	Control Limits %		% Recovery
2-Fluorophenol	21	110	28
Phenol-d5	10	110	23
Nitrobenzene-d5	35	114	61
2-Fluorobiphenyl	43	116	62
2,4,6-Tribromophenol	10	123	68
p-Terphenyl-d14	33	141	64

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

SEQUOIA ANALYTICAL - ELAP #1210

David A. Pichette
Project Manager





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

Client Proj. ID: 35195.700/ ANC-SRMP
Sample Descript: MW-7
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9610217-01

Sampled: 10/03/96
Received: 10/03/96
Extracted: 10/10/96
Analyzed: 10/12/96
Reported: 10/15/96

QC Batch Number: GC1010960HBPEXZ
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	50	510
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

David A. Pichette
Project Manager





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

Client Proj. ID: 35195.700/ ANC-SRMP
Sample Descript: MW-7
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9610217-01

Sampled: 10/03/96
Received: 10/03/96
Analyzed: 10/08/96
Reported: 10/15/96

QC Batch Number: GC100896BTEX06A
Instrument ID: GCHP06

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	83

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

SEQUOIA ANALYTICAL - ELAP #1210



David A. Pichette
Project Manager





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

Client Proj. ID: 35195.700/ ANC-SRMP
Sample Descript: MW-1R
Matrix: LIQUID
Analysis Method: EPA 8080
Lab Number: 9610217-02

Sampled: 10/03/96
Received: 10/03/96
Extracted: 10/07/96
Analyzed: 10/08/96
Reported: 10/15/96

QC Batch Number: GC1007960PCBEXA
Instrument ID: GCHP12A

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
Dibutylchloroendate	50 150	97

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

SEQUOIA ANALYTICAL - ELAP #1210

David A. Pichette
Project Manager





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

Client Proj. ID: 35195.700/ ANC-SRMP
Sample Descript: MW-1R
Matrix: LIQUID
Analysis Method: EPA 8240
Lab Number: 9610217-02

Sampled: 10/03/96
Received: 10/03/96
Analyzed: 10/08/96
Reported: 10/15/96

QC Batch Number: MS1008968240F2A
Instrument ID: F2

Volatile Organics (EPA 8240)

Analyte	Detection Limit ug/L	Sample Results ug/L
Acetone	10	N.D.
Benzene	2.0	7.8
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	36
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	3.7
1,2-Dichloroethane	2.0	4.8
1,1-Dichloroethene	2.0	N.D.
cis-1,2-Dichloroethene	2.0	5.0
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	3.5
Total Xylenes	2.0	N.D.





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

Client Proj. ID: 35195.700/ ANC-SRMP
Sample Descript: MW-1R
Matrix: LIQUID
Analysis Method: EPA 8240
Lab Number: 9610217-02

Sampled: 10/03/96
Received: 10/03/96
Analyzed: 10/08/96
Reported: 10/15/96

QC Batch Number: MS1008968240F2A
Instrument ID: F2

Analyte

Detection Limit
ug/L

Sample Results
ug/L

Surrogates

Control Limits %

% Recovery


1,2-Dichloroethane-d4
Toluene-d8
4-Bromofluorobenzene

76 114
88 110
86 115

103
105
100

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

SEQUOIA ANALYTICAL - ELAP #1210


David A. Pichette
Project Manager





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

Client Proj. ID: 35195.700/ ANC-SRMP
Sample Descript: MW-1R
Matrix: LIQUID
Analysis Method: EPA 8270
Lab Number: 9610217-02

Sampled: 10/03/96
Received: 10/03/96
Extracted: 10/04/96
Analyzed: 10/07/96
Reported: 10/15/96

QC Batch Number: MS1004968270EXA
Instrument ID: F4

Semivolatile Organics (EPA 8270)

Analyte	Detection Limit ug/L	Sample Results ug/L
Acenaphthene	5.0	N.D.
Acenaphthylene	5.0	N.D.
Anthracene	5.0	N.D.
Benzoic Acid	10	N.D.
Benzo(a)anthracene	5.0	N.D.
Benzo(b)fluoranthene	5.0	N.D.
Benzo(k)fluoranthene	5.0	N.D.
Benzo(g,h,i)perylene	5.0	N.D.
Benzo(a)pyrene	5.0	N.D.
Benzyl alcohol	5.0	N.D.
Bis(2-chloroethoxy)methane	5.0	N.D.
Bis(2-chloroethyl)ether	5.0	N.D.
Bis(2-chloroisopropyl)ether	5.0	N.D.
Bis(2-ethylhexyl)phthalate	10	N.D.
4-Bromophenyl phenyl ether	5.0	N.D.
Butyl benzyl phthalate	5.0	N.D.
4-Chloroaniline	10	N.D.
2-Chloronaphthalene	5.0	N.D.
4-Chloro-3-methylphenol	5.0	N.D.
2-Chlorophenol	5.0	N.D.
4-Chlorophenyl phenyl ether	5.0	N.D.
Chrysene	5.0	N.D.
Dibenzo(a,h)anthracene	5.0	N.D.
Dibenzofuran	5.0	N.D.
Di-n-butyl phthalate	10	N.D.
1,2-Dichlorobenzene	5.0	16
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	5.0	13
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.
2,6-Dinitrotoluene	5.0	N.D.





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

Client Proj. ID: 35195.700/ ANC-SRMP
Sample Descript: MW-1R
Matrix: LIQUID
Analysis Method: EPA 8270
Lab Number: 9610217-02

Sampled: 10/03/96
Received: 10/03/96
Extracted: 10/04/96
Analyzed: 10/07/96
Reported: 10/15/96

QC Batch Number: MS1004968270EXA
Instrument ID: F4

Analyte	Detection Limit ug/L	Sample Results ug/L
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	36
Phenol-d5	10	110	30
Nitrobenzene-d5	35	114	66
2-Fluorobiphenyl	43	116	67
2,4,6-Tribromophenol	10	123	70
p-Terphenyl-d14	33	141	48

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

SEQUOIA ANALYTICAL - ELAP #1210

David A. Pichette
Project Manager





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

Client Proj. ID: 35195.700/ ANC-SRMP
Sample Descript: MW-1R
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9610217-02

Sampled: 10/03/96
Received: 10/03/96
Extracted: 10/10/96
Analyzed: 10/12/96
Reported: 10/15/96

QC Batch Number: GC1010960HBPEXZ
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern: Unidentified HC	50 C9-C24	1900 W-Diesel +C9-C24

Surrogates	Control Limits %	% Recovery
n-Pentacosane (C25)	50 150	120

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

SEQUOIA ANALYTICAL - ELAP #1210

David A. Pichette
Project Manager





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

Client Proj. ID: 35195.700/ ANC-SRMP
Sample Descript: MW-1R
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9610217-02

Sampled: 10/03/96
Received: 10/03/96
Analyzed: 10/08/96
Reported: 10/15/96

QC Batch Number: GC100896BTEX06A
Instrument ID: GCHP06

Total Purgeable Petroleum Hydrocarbons (TPPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas Chromatogram Pattern:	50	260 Gas
Surrogates Trifluorotoluene	Control Limits % 70 130	% Recovery 91

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

SEQUOIA ANALYTICAL - ELAP #1210

David A. Pichette
Project Manager





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

Client Proj. ID: 35195.700/ ANC-SRMP
Sample Descript: MW-4
Matrix: LIQUID
Analysis Method: EPA 8080
Lab Number: 9610217-03

Sampled: 10/03/96
Received: 10/03/96
Extracted: 10/07/96
Analyzed: 10/08/96
Reported: 10/15/96

QC Batch Number: GC1007960PCBEXA
Instrument ID: GCHP12B

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	139

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

SEQUOIA ANALYTICAL - ELAP #1210

David A. Pichette
Project Manager





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

Client Proj. ID: 35195.700/ ANC-SRMP
Sample Descript: MW-4
Matrix: LIQUID
Analysis Method: EPA 8240
Lab Number: 9610217-03

Sampled: 10/03/96
Received: 10/03/96
Analyzed: 10/09/96
Reported: 10/15/96

QC Batch Number: MS1008968240F2A
Instrument ID: F2

Volatile Organics (EPA 8240)

Analyte	Detection Limit ug/L	Sample Results ug/L
Acetone	14	N.D.
Benzene	2.9	250
Bromodichloromethane	2.9	N.D.
Bromoform	2.9	N.D.
Bromomethane	2.9	N.D.
2-Butanone	14	N.D.
Carbon disulfide	2.9	N.D.
Carbon tetrachloride	2.9	N.D.
Chlorobenzene	2.9	49
Chloroethane	2.9	7.8
2-Chloroethyl vinyl ether	14	N.D.
Chloroform	2.9	N.D.
Chloromethane	2.9	N.D.
Dibromochloromethane	2.9	N.D.
1,1-Dichloroethane	2.9	N.D.
1,2-Dichloroethane	2.9	N.D.
1,1-Dichloroethene	2.9	N.D.
cis-1,2-Dichloroethene	2.9	N.D.
trans-1,2-Dichloroethene	2.9	N.D.
1,2-Dichloropropane	2.9	N.D.
cis-1,3-Dichloropropene	2.9	N.D.
trans-1,3-Dichloropropene	2.9	N.D.
Ethylbenzene	2.9	8.3
2-Hexanone	14	N.D.
Methylene chloride	7.2	N.D.
4-Methyl-2-pentanone	14	N.D.
Styrene	2.9	N.D.
1,1,2,2-Tetrachloroethane	2.9	N.D.
Tetrachloroethene	2.9	N.D.
Toluene	2.9	7.9
1,1,1-Trichloroethane	2.9	N.D.
1,1,2-Trichloroethane	2.9	N.D.
Trichloroethene	2.9	N.D.
Trichlorofluoromethane	2.9	N.D.
Vinyl acetate	7.2	N.D.
Vinyl chloride	2.9	N.D.
Total Xylenes	2.9	33





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Rust E&I
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San Jose, CA 95134

Client Proj. ID: 35195.700/ ANC-SRMP
Sample Descript: MW-4
Matrix: LIQUID
Analysis Method: EPA 8240
Lab Number: 9610217-03

Sampled: 10/03/96
Received: 10/03/96
Analyzed: 10/09/96
Reported: 10/15/96

QC Batch Number: MS1008968240F2A
Instrument ID: F2

Analyte

**Detection Limit
ug/L**

**Sample Results
ug/L**

Surrogates

Control Limits %

% Recovery

1,2-Dichloroethane-d4
Toluene-d8
4-Bromofluorobenzene

76 114
88 110
86 115

95
100
101

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

SEQUOIA ANALYTICAL - ELAP #1210

David A. Pichette
Project Manager





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

Client Proj. ID: 35195.700/ ANC-SRMP
Sample Descript: MW-4
Matrix: LIQUID
Analysis Method: EPA 8270
Lab Number: 9610217-03

Sampled: 10/03/96
Received: 10/03/96
Extracted: 10/08/96
Analyzed: 10/09/96
Reported: 10/15/96

QC Batch Number: MS1004968270EXA
Instrument ID: F4

Semivolatile Organics (EPA 8270)

Analyte	Detection Limit ug/L	Sample Results ug/L
Acenaphthene	5.0	N.D.
Acenaphthylene	5.0	N.D.
Anthracene	5.0	N.D.
Benzoic Acid	10	N.D.
Benzo(a)anthracene	5.0	N.D.
Benzo(b)fluoranthene	5.0	N.D.
Benzo(k)fluoranthene	5.0	N.D.
Benzo(g,h,i)perylene	5.0	N.D.
Benzo(a)pyrene	5.0	N.D.
Benzyl alcohol	5.0	N.D.
Bis(2-chloroethoxy)methane	5.0	N.D.
Bis(2-chloroethyl)ether	5.0	7.7
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	11
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.
2,6-Dinitrotoluene	5.0	N.D.





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

Client Proj. ID: 35195.700/ ANC-SRMP
Sample Descript: MW-4
Matrix: LIQUID
Analysis Method: EPA 8270
Lab Number: 9610217-03

Sampled: 10/03/96
Received: 10/03/96
Extracted: 10/08/96
Analyzed: 10/09/96
Reported: 10/15/96

QC Batch Number: MS1004968270EXA
Instrument ID: F4

Analyte	Detection Limit ug/L	Sample Results ug/L
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	23
2-Methylphenol	5.0	N.D.
4-Methylphenol	5.0	N.D.
Naphthalene	5.0	6.6
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	63
2-Fluorobiphenyl	43	116	70
2,4,6-Tribromophenol	10	123	88
p-Terphenyl-d14	33	141	61

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

SEQUOIA ANALYTICAL - ELAP #1210

David A. Pichette
Project Manager





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

Client Proj. ID: 35195.700/ ANC-SRMP
Sample Descript: MW-4
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9610217-03

Sampled: 10/03/96
Received: 10/03/96
Extracted: 10/10/96
Analyzed: 10/14/96
Reported: 10/15/96

Attention: Richard Burzinski/Ed

QC Batch Number: GC1010960HBPEXZ
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	250	11000
Chromatogram Pattern:		
Unidentified HC		C9-C24
Surrogates	Control Limits %	% Recovery
n-Pentacosane (C25)	50 150	275 Q

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

SEQUOIA ANALYTICAL - ELAP #1210

David A. Pichette
Project Manager





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

Client Proj. ID: 35195.700/ ANC-SRMP
Sample Descript: MW-4
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9610217-03

Sampled: 10/03/96
Received: 10/03/96
Analyzed: 10/08/96
Reported: 10/15/96

QC Batch Number: GC100896BTEX06A
Instrument ID: GCHP06

Total Purgeable Petroleum Hydrocarbons (TPPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas Chromatogram Pattern:	500	1800 Gas
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	96

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

SEQUOIA ANALYTICAL - ELAP #1210

David A. Pichette
Project Manager





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

Client Proj. ID: 35195.700/ ANC-SRMP
Sample Descript: MW-6
Matrix: LIQUID
Analysis Method: EPA 8080
Lab Number: 9610217-04

Sampled: 10/03/96
Received: 10/03/96
Extracted: 10/07/96
Analyzed: 10/11/96
Reported: 10/15/96

QC Batch Number: GC1007960PCBEXA
Instrument ID: GCHP12A


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
Dibutylchloroendate	50 150	116

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

SEQUOIA ANALYTICAL - ELAP #1210


David A. Pichette
Project Manager





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

Client Proj. ID: 35195.700/ ANC-SRMP
Sample Descript: MW-6
Matrix: LIQUID
Analysis Method: EPA 8240
Lab Number: 9610217-04

Sampled: 10/03/96
Received: 10/03/96
Analyzed: 10/09/96
Reported: 10/15/96

QC Batch Number: MS1009968240F3A
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	6.4
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.
Total Xylenes	2.0	N.D.





Sequoia Analytical

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

Client Proj. ID: 35195.700/ ANC-SRMP
Sample Descript: MW-6
Matrix: LIQUID
Analysis Method: EPA 8240
Lab Number: 9610217-04

Sampled: 10/03/96
Received: 10/03/96
Analyzed: 10/09/96
Reported: 10/15/96

Attention: Richard Burzinski/Ed

QC Batch Number: MS1009968240F3A
Instrument ID: F3

Analyte

Detection Limit
ug/L

Sample Results
ug/L

Surrogates

Control Limits %

% Recovery

1,2-Dichloroethane-d4
Toluene-d8
4-Bromofluorobenzene

76	114
88	110
86	115

99
102
102

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

SEQUOIA ANALYTICAL - ELAP #1210


David A. Pichette
Project Manager





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

Client Proj. ID: 35195.700/ ANC-SRMP
Sample Descript: MW-6
Matrix: LIQUID
Analysis Method: EPA 8270
Lab Number: 9610217-04

Sampled: 10/03/96
Received: 10/03/96
Extracted: 10/04/96
Analyzed: 10/07/96
Reported: 10/15/96

QC Batch Number: MS1004968270EXA
Instrument ID: F4

Semivolatile Organics (EPA 8270)

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





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

Client Proj. ID: 35195.700 / ANC-SRMP
Sample Descript: MW-6
Matrix: LIQUID
Analysis Method: EPA 8270
Lab Number: 9610217-04

Sampled: 10/03/96
Received: 10/03/96
Extracted: 10/04/96
Analyzed: 10/07/96
Reported: 10/15/96

QC Batch Number: MS1004968270EXA
Instrument ID: F4

Analyte	Detection Limit ug/L	Sample Results ug/L
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	45
Phenol-d5	10	110	36
Nitrobenzene-d5	35	114	71
2-Fluorobiphenyl	43	116	72
2,4,6-Tribromophenol	10	123	80
p-Terphenyl-d14	33	141	51

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

SEQUOIA ANALYTICAL - ELAP #1210

David A. Pichette
Project Manager





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

Client Proj. ID: 35195.700/ ANC-SRMP
Sample Descript: MW-6
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9610217-04

Sampled: 10/03/96
Received: 10/03/96
Extracted: 10/10/96
Analyzed: 10/14/96
Reported: 10/15/96

QC Batch Number: GC1010960HBPEXZ
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern: Unidentified HC	50	120
		C9-C24
Surrogates	Control Limits %	% Recovery
n-Pentacosane (C25)	50 150	126

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

SEQUOIA ANALYTICAL - ELAP #1210

David A. Pichette
Project Manager





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

Client Proj. ID: 35195.700/ ANC-SRMP
Sample Descript: MW-6
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9610217-04

Sampled: 10/03/96
Received: 10/03/96
Analyzed: 10/08/96
Reported: 10/15/96


QC Batch Number: GC100896BTEX06A
Instrument ID: GCHP06

Total Purgeable Petroleum Hydrocarbons (TPPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas Chromatogram Pattern:	50	N.D.
Surrogates Trifluorotoluene	Control Limits % 70 130	% Recovery 73

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

SEQUOIA ANALYTICAL - ELAP #1210


David A. Pichette
Project Manager





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

Client Proj. ID: 35195.700/ ANC-SRMP
Sample Descript: GW-1R
Matrix: LIQUID
Analysis Method: EPA 8080
Lab Number: 9610219-05

Sampled: 10/03/96
Received: 10/03/96
Extracted: 10/07/96
Analyzed: 10/08/96
Reported: 10/15/96

QC Batch Number: GC1007960PCBEXA
Instrument ID: GCHP12B

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	118

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

SEQUOIA ANALYTICAL - ELAP #1210

David A. Pichette
Project Manager





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

Client Proj. ID: 35195.700/ ANC-SRMP
Sample Descript: GW-1R
Matrix: LIQUID
Analysis Method: EPA 8240
Lab Number: 9610219-05

Sampled: 10/03/96
Received: 10/03/96
Analyzed: 10/09/96
Reported: 10/15/96

QC Batch Number: MS1008968240F2A
Instrument ID: F2

Volatile Organics (EPA 8240)

Analyte	Detection Limit ug/L	Sample Results ug/L
Acetone	28	81
Benzene	5.6	520
Bromodichloromethane	5.6	N.D.
Bromoform	5.6	N.D.
Bromomethane	5.6	N.D.
2-Butanone	28	N.D.
Carbon disulfide	5.6	N.D.
Carbon tetrachloride	5.6	N.D.
Chlorobenzene	5.6	N.D.
Chloroethane	5.6	9.0
2-Chloroethyl vinyl ether	28	N.D.
Chloroform	5.6	N.D.
Chloromethane	5.6	N.D.
Dibromochloromethane	5.6	N.D.
1,1-Dichloroethane	5.6	N.D.
1,2-Dichloroethane	5.6	N.D.
1,1-Dichloroethene	5.6	N.D.
cis-1,2-Dichloroethene	5.6	7.7
trans-1,2-Dichloroethene	5.6	8.2
1,2-Dichloropropane	5.6	N.D.
cis-1,3-Dichloropropene	5.6	N.D.
trans-1,3-Dichloropropene	5.6	N.D.
Ethylbenzene	5.6	93
2-Hexanone	28	N.D.
Methylene chloride	14	N.D.
4-Methyl-2-pentanone	28	N.D.
Styrene	5.6	N.D.
1,1,2,2-Tetrachloroethane	5.6	N.D.
Tetrachloroethene	5.6	N.D.
Toluene	5.6	110
1,1,1-Trichloroethane	5.6	N.D.
1,1,2-Trichloroethane	5.6	N.D.
Trichloroethene	5.6	N.D.
Trichlorofluoromethane	5.6	N.D.
Vinyl acetate	14	N.D.
Vinyl chloride	5.6	410
Total Xylenes	5.6	400





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Rust E&I
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San Jose, CA 95134

Client Proj. ID: 35195.700/ ANC-SRMP
Sample Descript: GW-1R
Matrix: LIQUID
Analysis Method: EPA 8240
Lab Number: 9610219-05

Sampled: 10/03/96
Received: 10/03/96
Analyzed: 10/09/96
Reported: 10/15/96

QC Batch Number: MS1008968240F2A
Instrument ID: F2

Analyte	Detection Limit ug/L	Sample Results ug/L
Surrogates	Control Limits %	% Recovery
1,2-Dichloroethane-d4	76	114
Toluene-d8	88	110
4-Bromofluorobenzene	86	115

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

SEQUOIA ANALYTICAL - ELAP #1210


David A. Pichette
Project Manager





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

Client Proj. ID: 35195.700/ ANC-SRMP
Sample Descript: GW-1R
Matrix: LIQUID
Analysis Method: EPA 8270
Lab Number: 9610219-05

Sampled: 10/03/96
Received: 10/03/96
Extracted: 10/04/96
Analyzed: 10/07/96
Reported: 10/15/96

QC Batch Number: MS1004968270EXA
Instrument ID: F4

Semivolatile Organics (EPA 8270)

Analyte	Detection Limit ug/L	Sample Results ug/L
Acenaphthene	100	N.D.
Acenaphthylene	100	N.D.
Anthracene	100	N.D.
Benzoic Acid	200	N.D.
Benzo(a)anthracene	100	N.D.
Benzo(b)fluoranthene	100	N.D.
Benzo(k)fluoranthene	100	N.D.
Benzo(g,h,i)perylene	100	N.D.
Benzo(a)pyrene	100	N.D.
Benzyl alcohol	100	N.D.
Bis(2-chloroethoxy)methane	100	N.D.
Bis(2-chloroethyl)ether	100	N.D.
Bis(2-chloroisopropyl)ether	100	N.D.
Bis(2-ethylhexyl)phthalate	200	N.D.
4-Bromophenyl phenyl ether	100	N.D.
Butyl benzyl phthalate	100	N.D.
4-Chloroaniline	200	N.D.
2-Chloronaphthalene	100	N.D.
4-Chloro-3-methylphenol	100	N.D.
2-Chlorophenol	100	N.D.
4-Chlorophenyl phenyl ether	100	N.D.
Chrysene	100	N.D.
Dibenzo(a,h)anthracene	100	N.D.
Dibenzofuran	100	N.D.
Di-n-butyl phthalate	200	N.D.
1,2-Dichlorobenzene	100	N.D.
1,3-Dichlorobenzene	100	N.D.
1,4-Dichlorobenzene	100	N.D.
3,3-Dichlorobenzidine	200	N.D.
2,4-Dichlorophenol	100	N.D.
Diethyl phthalate	100	N.D.
2,4-Dimethylphenol	100	2100
Dimethyl phthalate	100	N.D.
4,6-Dinitro-2-methylphenol	200	N.D.
2,4-Dinitrophenol	200	N.D.
2,4-Dinitrotoluene	100	N.D.
2,6-Dinitrotoluene	100	N.D.





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

Client Proj. ID: 35195.700/ ANC-SRMP
Sample Descript: GW-1R
Matrix: LIQUID
Analysis Method: EPA 8270
Lab Number: 9610219-05

Sampled: 10/03/96
Received: 10/03/96
Extracted: 10/04/96
Analyzed: 10/07/96
Reported: 10/15/96

QC Batch Number: MS1004968270EXA
Instrument ID: F4

Analyte	Detection Limit ug/L	Sample Results ug/L
Di-n-octyl phthalate	100	N.D.
Fluoranthene	100	N.D.
Fluorene	100	N.D.
Hexachlorobenzene	100	N.D.
Hexachlorobutadiene	100	N.D.
Hexachlorocyclopentadiene	200	N.D.
Hexachloroethane	100	N.D.
Indeno(1,2,3-cd)pyrene	100	N.D.
Isophorone	100	N.D.
2-Methylnaphthalene	100	N.D.
2-Methylphenol	100	N.D.
4-Methylphenol	100	N.D.
Naphthalene	100	170
2-Nitroaniline	200	N.D.
3-Nitroaniline	200	N.D.
4-Nitroaniline	200	N.D.
Nitrobenzene	100	N.D.
2-Nitrophenol	100	N.D.
4-Nitrophenol	200	N.D.
n-Nitrosodiphenylamine	100	N.D.
n-Nitroso-di-n-propylamine	100	N.D.
Pentachlorophenol	200	N.D.
Phenanthrene	100	N.D.
Phenol	100	N.D.
Pyrene	100	N.D.
1,2,4-Trichlorobenzene	100	N.D.
2,4,5-Trichlorophenol	200	N.D.
2,4,6-Trichlorophenol	100	N.D.

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

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

SEQUOIA ANALYTICAL - ELAP #1210

David A. Pichette
Project Manager





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

Client Proj. ID: 35195.700/ ANC-SRMP
Sample Descript: GW-1R
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9610219-05

Sampled: 10/03/96
Received: 10/03/96
Extracted: 10/10/96
Analyzed: 10/14/96
Reported: 10/15/96

QC Batch Number: GC1010960HBPEXZ
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern: Unidentified HC	1000 C9-C24	60000 W-Diesel +C9-C24
Surrogates n-Pentacosane (C25)	Control Limits % 50 150	% Recovery 426 Q

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

SEQUOIA ANALYTICAL - ELAP #1210

David A. Pichette
Project Manager





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

Client Proj. ID: 35195.700/ ANC-SRMP
Sample Descript: GW-1R
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9610219-05

Sampled: 10/03/96
Received: 10/03/96
Analyzed: 10/08/96
Reported: 10/15/96

Attention: Richard Burzinski/Ed

QC Batch Number: GC100896BTEX06A
Instrument ID: GCHP06

Total Purgeable Petroleum Hydrocarbons (TPPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	1000	5000
Chromatogram Pattern:		Gas
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	114

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

SEQUOIA ANALYTICAL - ELAP #1210

David A. Pichette
Project Manager





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

Client Proj. ID: 35195.700/ ANC-SRMP
Sample Descript: MW-3
Matrix: LIQUID
Analysis Method: EPA 8080
Lab Number: 9610219-06

Sampled: 10/03/96
Received: 10/03/96
Extracted: 10/07/96
Analyzed: 10/08/96
Reported: 10/15/96

Attention: Richard Burzinski/Ed

QC Batch Number: GC1007960PCBEXA
Instrument ID: GCHP12B

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
Dibutylchloroendate	50 150	145

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

SEQUOIA ANALYTICAL - ELAP #1210

David A. Pichette
David A. Pichette
Project Manager





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

Client Proj. ID: 35195.700/ ANC-SRMP
Sample Descript: MW-3
Matrix: LIQUID
Analysis Method: EPA 8240
Lab Number: 9610219-06

Sampled: 10/03/96
Received: 10/03/96
Analyzed: 10/09/96
Reported: 10/15/96

QC Batch Number: MS1009968240F3A
Instrument ID: F3

Volatile Organics (EPA 8240)

Analyte	Detection Limit ug/L	Sample Results ug/L
Acetone	10	11
Benzene	2.0	130
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	5.2
Chloroethane	2.0	18
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	13
1,2-Dichloroethane	2.0	N.D.
1,1-Dichloroethene	2.0	N.D.
cis-1,2-Dichloroethene	2.0	6.4
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	11
Total Xylenes	2.0	4.2





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

Client Proj. ID: 35195.700/ ANC-SRMP
Sample Descript: MW-3
Matrix: LIQUID
Analysis Method: EPA 8240
Lab Number: 9610219-06

Sampled: 10/03/96
Received: 10/03/96
Analyzed: 10/09/96
Reported: 10/15/96

Attention: Richard Burzinski/Ed

QC Batch Number: MS1009968240F3A
Instrument ID: F3

Analyte

Detection Limit
ug/L

Sample Results
ug/L

Surrogates

Control Limits %

% Recovery

1,2-Dichloroethane-d4
Toluene-d8
4-Bromofluorobenzene

76 114
88 110
86 115

101
95
106

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

SEQUOIA ANALYTICAL - ELAP #1210


David A. Pichette
Project Manager





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

Client Proj. ID: 35195.700/ ANC-SRMP
Sample Descript: MW-3
Matrix: LIQUID
Analysis Method: EPA 8270
Lab Number: 9610219-06

Sampled: 10/03/96
Received: 10/03/96
Extracted: 10/04/96
Analyzed: 10/07/96
Reported: 10/15/96

Attention: Richard Burzinski/Ed

QC Batch Number: MS1004968270EXA
Instrument ID: F4

Semivolatle 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.
2,6-Dinitrotoluene	5.0	N.D.





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

Client Proj. ID: 35195.700/ ANC-SRMP
Sample Descript: MW-3
Matrix: LIQUID
Analysis Method: EPA 8270
Lab Number: 9610219-06

Sampled: 10/03/96
Received: 10/03/96
Extracted: 10/04/96
Analyzed: 10/07/96
Reported: 10/15/96

QC Batch Number: MS1004968270EXA
Instrument ID: F4

Analyte	Detection Limit ug/L	Sample Results ug/L
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	23
Phenol-d5	10	110	16
Nitrobenzene-d5	35	114	43
2-Fluorobiphenyl	43	116	50
2,4,6-Tribromophenol	10	123	51
p-Terphenyl-d14	33	141	38

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

SEQUOIA ANALYTICAL - ELAP #1210

David A. Pichette
Project Manager





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

Client Proj. ID: 35195.700/ ANC-SRMP
Sample Descript: MW-3
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9610219-06

Sampled: 10/03/96
Received: 10/03/96
Extracted: 10/10/96
Analyzed: 10/14/96
Reported: 10/15/96

Attention: Richard Burzinski/Ed


QC Batch Number: GC1010960HBPEXZ
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern: Weathered Diesel	1000	13000 C9-C24
Surrogates n-Pentacosane (C25)	Control Limits % 50 150	% Recovery 497 Q

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

SEQUOIA ANALYTICAL - ELAP #1210



David A. Pichette
Project Manager





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

Client Proj. ID: 35195.700/ ANC-SRMP
Sample Descript: MW-3
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9610219-06

Sampled: 10/03/96
Received: 10/03/96
Analyzed: 10/09/96
Reported: 10/15/96

Attention: Richard Burzinski/Ed

GC Batch Number: GC100996BTEX06A
Instrument ID: GCHP06

Total Purgeable Petroleum Hydrocarbons (TPPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas Chromatogram Pattern:	200	680 Gas
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	100

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

SEQUOIA ANALYTICAL - ELAP #1210

David A. Pichette
Project Manager





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

Client Proj. ID: 35195.700/ ANC-SRMP
Sample Descript: MW-5
Matrix: LIQUID
Analysis Method: EPA 8080
Lab Number: 9610219-07

Sampled: 10/03/96
Received: 10/03/96
Extracted: 10/07/96
Analyzed: 10/08/96
Reported: 10/15/96

Attention: Richard Burzinski/Ed

QC Batch Number: GC1007960PCBEXA
Instrument ID: GCHP12B

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
Dibutylchloroendate	50 150	136

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

SEQUOIA ANALYTICAL - ELAP #1210

David A. Pichette
David A. Pichette
Project Manager





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

Client Proj. ID: 35195.700/ ANC-SRMP
Sample Descript: MW-5
Matrix: LIQUID
Analysis Method: EPA 8240
Lab Number: 9610219-07

Sampled: 10/03/96
Received: 10/03/96
Analyzed: 10/09/96
Reported: 10/15/96

QC Batch Number: MS1008968240F2A
Instrument ID: F2

Volatile Organics (EPA 8240)

Analyte	Detection Limit ug/L	Sample Results ug/L
Acetone	12	N.D.
Benzene	2.5	230
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	72
Chloroethane	2.5	5.5
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	16
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	6.8
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.
Total Xylenes	2.5	45





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

Client Proj. ID: 35195.700/ ANC-SRMP
Sample Descript: MW-5
Matrix: LIQUID
Analysis Method: EPA 8240
Lab Number: 9610219-07

Sampled: 10/03/96
Received: 10/03/96
Analyzed: 10/09/96
Reported: 10/15/96

QC Batch Number: MS1008968240F2A
Instrument ID: F2

Analyte

Detection Limit
ug/L

Sample Results
ug/L

Surrogates

Control Limits %

% Recovery

1,2-Dichloroethane-d4
Toluene-d8
4-Bromofluorobenzene

76	114
88	110
86	115

95
102
99

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

SEQUOIA ANALYTICAL - ELAP #1210

David A. Pichette
Project Manager





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

Client Proj. ID: 35195.700/ ANC-SRMP
Sample Descript: MW-5
Matrix: LIQUID
Analysis Method: EPA 8270
Lab Number: 9610219-07

Sampled: 10/03/96
Received: 10/03/96
Extracted: 10/04/96
Analyzed: 10/07/96
Reported: 10/15/96

Attention: Richard Burzinski/Ed

QC Batch Number: MS1004968270EXA
Instrument ID: F4

Semivolatile Organics (EPA 8270)

Analyte	Detection Limit ug/L	Sample Results ug/L
Acenaphthene	5.0	N.D.
Acenaphthylene	5.0	N.D.
Anthracene	5.0	N.D.
Benzoic Acid	10	N.D.
Benzo(a)anthracene	5.0	N.D.
Benzo(b)fluoranthene	5.0	N.D.
Benzo(k)fluoranthene	5.0	N.D.
Benzo(g,h,i)perylene	5.0	N.D.
Benzo(a)pyrene	5.0	N.D.
Benzyl alcohol	5.0	N.D.
Bis(2-chloroethoxy)methane	5.0	N.D.
Bis(2-chloroethyl)ether	5.0	N.D.
Bis(2-chloroisopropyl)ether	5.0	N.D.
Bis(2-ethylhexyl)phthalate	10	N.D.
4-Bromophenyl phenyl ether	5.0	N.D.
Butyl benzyl phthalate	5.0	N.D.
4-Chloroaniline	10	N.D.
2-Chloronaphthalene	5.0	N.D.
4-Chloro-3-methylphenol	5.0	N.D.
2-Chlorophenol	5.0	N.D.
4-Chlorophenyl phenyl ether	5.0	N.D.
Chrysene	5.0	N.D.
Dibenzo(a,h)anthracene	5.0	N.D.
Dibenzofuran	5.0	N.D.
Di-n-butyl phthalate	10	N.D.
1,2-Dichlorobenzene	5.0	32
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	5.0	22
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.
2,6-Dinitrotoluene	5.0	N.D.





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

Client Proj. ID: 35195.700/ ANC-SRMP
Sample Descript: MW-5
Matrix: LIQUID
Analysis Method: EPA 8270
Lab Number: 9610219-07

Sampled: 10/03/96
Received: 10/03/96
Extracted: 10/04/96
Analyzed: 10/07/96
Reported: 10/15/96

QC Batch Number: MS1004968270EXA
Instrument ID: F4

Analyte	Detection Limit ug/L	Sample Results ug/L
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	29
2-Methylphenol	5.0	N.D.
4-Methylphenol	5.0	N.D.
Naphthalene	5.0	7.0
2-Nitroaniline	10	N.D.
3-Nitroaniline	10	N.D.
4-Nitroaniline	10	N.D.
Nitrobenzene	5.0	N.D.
2-Nitrophenol	5.0	N.D.
4-Nitrophenol	10	N.D.
n-Nitrosodiphenylamine	5.0	N.D.
n-Nitroso-di-n-propylamine	5.0	N.D.
Pentachlorophenol	10	N.D.
Phenanthrene	5.0	N.D.
Phenol	5.0	N.D.
Pyrene	5.0	N.D.
1,2,4-Trichlorobenzene	5.0	N.D.
2,4,5-Trichlorophenol	10	N.D.
2,4,6-Trichlorophenol	5.0	N.D.

Surrogates	Control Limits %		% Recovery
2-Fluorophenol	21	110	51
Phenol-d5	10	110	42
Nitrobenzene-d5	35	114	61
2-Fluorobiphenyl	43	116	63
2,4,6-Tribromophenol	10	123	83
p-Terphenyl-d14	33	141	46

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

SEQUOIA ANALYTICAL - ELAP #1210

David A. Pichette
Project Manager





Rust E&I 695 River Oaks Parkway San Jose, CA 95134	Client Proj. ID: 35195.700/ ANC-SRMP Sample Descript: MW-5 Matrix: LIQUID Analysis Method: EPA 8015 Mod Lab Number: 9610219-07	Sampled: 10/03/96 Received: 10/03/96 Extracted: 10/10/96 Analyzed: 10/14/96 Reported: 10/15/96
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QC Batch Number: GC1010960HBPEXZ
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern: Unidentified HC	250 C9-C24	10000 W-Diesel + C9-C24
Surrogates n-Pentacosane (C25)	Control Limits % 50 150	% Recovery 323 Q

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

SEQUOIA ANALYTICAL - ELAP #1210

David A. Pichette
Project Manager





Rust E&I 695 River Oaks Parkway San Jose, CA 95134	Client Proj. ID: 35195.700/ ANC-SRMP Sample Descript: MW-5 Matrix: LIQUID Analysis Method: EPA 8015 Mod Lab Number: 9610219-07	Sampled: 10/03/96 Received: 10/03/96 Analyzed: 10/08/96 Reported: 10/15/96
--	--	---


QC Batch Number: GC100896BTEX06A
Instrument ID: GCHP06

Total Purgeable Petroleum Hydrocarbons (TPPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas Chromatogram Pattern:	200	1900 Gas
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	114

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

SEQUOIA ANALYTICAL - ELAP #1210


 David A. Pichette
 Project Manager





**Sequoia
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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134
Attention: Richard Burzinski/Ed Alusow

Client Proj. ID: 35195.700/ ANC-SRMP

Received: 10/03/96

Lab Proj. ID: 9610219

Reported: 10/15/96

LABORATORY NARRATIVE

8270 Notes: Sample -05 (GW-1R) was diluted because of high non-target compounds.

SEQUOIA ANALYTICAL

David A. Pichette
Project Manager

Page: 1





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

Client Project ID: 35195.700 / ANC-SRMP
Matrix: Liquid

Attention: Richard Burzinski

Work Order #: 9610217 /219 01-07

Reported: Oct 11, 1996

QUALITY CONTROL DATA REPORT

Analyte:	PCB 1260
QC Batch#:	GC1007960PCBEXA
Analy. Method:	EPA 8080
Prep. Method:	EPA 3510

Analyst: M. Mistry
MS/MSD #: BLK100796
Sample Conc.: N.D.
Prepared Date: 10/7/96
Analyzed Date: 10/8/96
Instrument I.D.#: GCHP12
Conc. Spiked: 2.5 µg/L

Result: 2.0
MS % Recovery: 80

Dup. Result: 2.3
MSD % Recov.: 92

RPD: 14
RPD Limit: 0-50

LCS #: See above

Prepared Date:
Analyzed Date:
Instrument I.D.#:
Conc. Spiked:

LCS Result:
LCS % Recov.:

MS/MSD LCS Control Limits	40-140
--	--------

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.

SEQUOIA ANALYTICAL

David A. Pichette
David A. Pichette
Project Manager

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

9610217.RRR <2>





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

Client Project ID: 35195.700 / ANC-SRMP
Matrix: Liquid

Attention: Richard Burzinski

Work Order #: 9610217 /219 01-05, 07 Reported: Oct 11, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC100896BTEX06A	GC100896BTEX06A	GC100896BTEX06A	GC100896BTEX06A
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 #:	961020801	961020801	961020801	961020801
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	10/8/96	10/8/96	10/8/96	10/8/96
Analyzed Date:	10/8/96	10/8/96	10/8/96	10/8/96
Instrument I.D.#:	GCHP6	GCHP6	GCHP6	GCHP6
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	11	10	10	31
MS % Recovery:	110	100	100	103
Dup. Result:	11	9.8	9.2	28
MSD % Recov.:	110	98	92	93
RPD:	0.0	2.0	8.3	10
RPD Limit:	0-25	0-25	0-25	0-25

LCS #:	BLK100896	BLK100896	BLK100896	BLK100896
Prepared Date:	10/8/96	10/8/96	10/8/96	10/8/96
Analyzed Date:	10/8/96	10/8/96	10/8/96	10/8/96
Instrument I.D.#:	GCHP6	GCHP6	GCHP6	GCHP6
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
LCS Result:	11	10	10	31
LCS % Recov.:	110	100	100	103

MS/MSD	60-140	60-140	60-140	60-140
LCS	70-130	70-130	70-130	70-130
Control Limits				

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.

SEQUOIA ANALYTICAL

David A. Pichette
David A. Pichette
Project Manager

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

9610217.RRR <3>





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

Client Project ID: 35195.700 / ANC-SRMP
Matrix: Liquid

Attention: Richard Burzinski

Work Order #: 9610217 /219 06

Reported: Oct 11, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC100996BTEX06A	GC100996BTEX06A	GC100996BTEX06A	GC100996BTEX06A
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 #:	961027804	961027804	961027804	961027804
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	10/9/96	10/9/96	10/9/96	10/9/96
Analyzed Date:	10/9/96	10/9/96	10/9/96	10/9/96
Instrument I.D.#:	GCHP6	GCHP6	GCHP6	GCHP6
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	13	11	11	33
MS % Recovery:	130	110	110	110
Dup. Result:	13.5	12	11	34
MSD % Recov.:	135	120	110	113
RPD:	3.8	8.7	0.0	3.0
RPD Limit:	0-25	0-25	0-25	0-25

LCS #:	BLK100996	BLK100996	BLK100996	BLK100996
Prepared Date:	10/9/96	10/9/96	10/9/96	10/9/96
Analyzed Date:	10/9/96	10/9/96	10/9/96	10/9/96
Instrument I.D.#:	GCHP6	GCHP6	GCHP6	GCHP6
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
LCS Result:	13	11	10	32
LCS % Recov.:	130	110	100	107

MS/MSD	60-140	60-140	60-140	60-140
LCS	70-130	70-130	70-130	70-130
Control Limits				

Please Note:

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SEQUOIA ANALYTICAL

David A. Pichette
Project Manager

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

9610217.RRR <4>





Sequoia Analytical

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

Client Project ID: 35195.700 / ANC-SRMP
Matrix: Liquid

Attention: Richard Burzinski

Work Order #: 9610217 /219 03, 05, 07 Reported: Oct 14, 1996

QUALITY CONTROL DATA REPORT

Analyte:	1,1-Dichloroethene	Trichloroethene	Benzene	Toluene	Chloro-benzene
QC Batch#:	MS1008968240F2A	MS1008968240F2A	MS1008968240F2A	MS1008968240F2A	MS1008968240F2A
Analy. Method:	EPA 8240	EPA 8240	EPA 8240	EPA 8240	EPA 8240
Prep. Method:					

Analyst:	L. Duong	L. Duong	L. Duong	L. Duong	L. Duong
MS/MSD #:	96100N5201	96100N5201	96100N5201	96100N5201	96100N5201
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:	10/8/96	10/8/96	10/8/96	10/8/96	10/8/96
Instrument I.D.#:	F2	F2	F2	F2	F2
Conc. Spiked:	50 µg/L	50 µg/L	50 µg/L	50 µg/L	50 µg/L
Result:	50	52	56	53	50
MS % Recovery:	100	104	112	106	100
Dup. Result:	47	49	54	53	49
MSD % Recov.:	94	98	108	106	98
RPD:	6.2	4.0	3.6	0.0	2.0
RPD Limit:	0-25	0-25	0-25	0-25	0-25

LCS #:	VB100996	VB100996	VB100996	VB100996	VB100996
Prepared Date:	N.A.	N.A.	N.A.	N.A.	N.A.
Analyzed Date:	10/9/96	10/8/96	10/8/96	10/8/96	10/8/96
Instrument I.D.#:	F2	F2	F2	F2	F2
Conc. Spiked:	50 µg/L	50 µg/L	50 µg/L	50 µg/L	50 µg/L
LCS Result:	48	49	52	51	48
LCS % Recov.:	96	98	104	102	96

MS/MSD	60-140	60-140	60-140	60-140	60-140
LCS	65-135	70-130	70-130	70-130	70-130
Control Limits					

Please Note:

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

SEQUOIA ANALYTICAL

David A. Pichette
David A. Pichette
Project Manager

9610217.RRR <5>





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-SRMP
Matrix: Liquid

Work Order #: 9610217 /219 04, 06 Reported: Oct 14, 1996

QUALITY CONTROL DATA REPORT

Analyte:	1,1-Dichloroethene	Trichloroethene	Benzene	Toluene	Chloro-benzene
QC Batch#:	MS1009968240F3A	MS1009968240F3A	MS1009968240F3A	MS1009968240F3A	MS1009968240F3A
Analy. Method:	EPA 8240	EPA 8240	EPA 8240	EPA 8240	EPA 8240
Prep. Method:					

Analyst:	M. Williams	M. Williams	M. Williams	M. Williams	M. Williams
MS/MSD #:	961040001	961040001	961040001	961040001	961040001
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:	10/9/96	10/9/96	10/9/96	10/9/96	10/9/96
Instrument I.D.#:	F3	F3	F3	F3	F3
Conc. Spiked:	50 µg/L	50 µg/L	50 µg/L	50 µg/L	50 µg/L
Result:	51	51	54	52	53
MS % Recovery:	102	102	108	104	106
Dup. Result:	49	49	50	52	51
MSD % Recov.:	98	98	100	104	102
RPD:	4.0	4.0	7.7	0.0	3.8
RPD Limit:	0-25	0-25	0-25	0-25	0-25

LCS #:	VB100996	VB100996	VB100996	VB100996	VB100996
Prepared Date:	N.A.	N.A.	N.A.	N.A.	N.A.
Analyzed Date:	10/9/96	10/9/96	10/9/96	10/9/96	10/9/96
Instrument I.D.#:	F3	F3	F3	F3	F3
Conc. Spiked:	50 µg/L	50 µg/L	50 µg/L	50 µg/L	50 µg/L
LCS Result:	50	47	50	50	50
LCS % Recov.:	100	94	100	100	100

MS/MSD	60-140	60-140	60-140	60-140	60-140
LCS	65-135	70-130	70-130	70-130	70-130
Control Limits					

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SEQUOIA ANALYTICAL

David A. Pichette
Project Manager

9610217.RRR <6>





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

Client Project ID: 35195.700 / ANC-SRMP
Matrix: Liquid

Attention: Richard Burzinski

Work Order #: 9610217 /219 01, 02, 04 Reported: Oct 14, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Phenol	2-Chlorophenol	1,4-Dichloro-benzene	N-Nitroso-Di-N-propylamine
QC Batch#:	MS1004968270EXA	MS1004968270EXA	MS1004968270EXA	MS1004968270EXA
Analy. Method:	EPA 8270	EPA 8270	EPA 8270	EPA 8270
Prep. Method:	EPA 3510	EPA 3510	EPA 3510	EPA 3510

Analyst:	B. Pitamah	B. Pitamah	B. Pitamah	B. Pitamah
MS/MSD #:	961015201	961015201	961015201	961015201
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	10/4/96	10/4/96	10/4/96	10/4/96
Analyzed Date:	10/4/96	10/4/96	10/4/96	10/4/96
Instrument I.D.#:	F4	F4	F4	F4
Conc. Spiked:	200 µg/L	200 µg/L	200 µg/L	200 µg/L
Result:	64	130	130	160
MS % Recovery:	32	65	65	80
Dup. Result:	63	120	120	150
MSD % Recov.:	32	60	60	75
RPD:	1.6	8.0	8.0	6.5
RPD Limit:	0-30	0-30	0-30	0-30

LCS #:	WB100496	WB100496	WB100496	WB100496
Prepared Date:	10/4/96	10/4/96	10/4/96	10/4/96
Analyzed Date:	10/4/96	10/4/96	10/4/96	10/4/96
Instrument I.D.#:	F4	F4	F4	F4
Conc. Spiked:	200 µg/L	200 µg/L	200 µg/L	200 µg/L
LCS Result:	74	130	120	160
LCS % Recov.:	37	65	60	80

MS/MSD	DL-132	42-112	42-100	53-107
LCS	47-107	59-97	54-93	55-114
Control Limits				

SEQUOIA ANALYTICAL

David A. Pichette

David A. Pichette
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.

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

Client Project ID: 35195.700 / ANC-SRMP
Matrix: Liquid

Work Order #: 9610217 01-07

Reported: Oct 14, 1996

QUALITY CONTROL DATA REPORT

Analyte:	1,2,4-Trichloro-benzene	4-Chloro-3-Methylphenol	Acenaphthene	4-Nitrophenol
QC Batch#:	MS1004968270EXA	MS1004968270EXA	MS1004968270EXA	MS1004968270EXA
Analy. Method:	EPA 8270	EPA 8270	EPA 8270	EPA 8270
Prep. Method:	EPA 3510	EPA 3510	EPA 3510	EPA 3510

Analyst:	B. Pitamah	B. Pitamah	B. Pitamah	B. Pitamah
MS/MSD #:	961015201	961015201	961015201	961015201
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	10/4/96	10/4/96	10/4/96	10/4/96
Analyzed Date:	10/4/96	10/4/96	10/4/96	10/4/96
Instrument I.D.#:	F4	F4	F4	F4
Conc. Spiked:	200 µg/L	200 µg/L	200 µg/L	200 µg/L
Result:	150	140	140	49
MS % Recovery:	75	70	70	25
Dup. Result:	140	130	130	56
MSD % Recov.:	70	65	65	28
RPD:	6.9	7.4	7.4	13
RPD Limit:	0-30	0-30	0-30	0-30

LCS #:	WB100496	WB100496	WB100496	WB100496
Prepared Date:	10/4/96	10/4/96	10/4/96	10/4/96
Analyzed Date:	10/4/96	10/4/96	10/4/96	10/4/96
Instrument I.D.#:	F4	F4	F4	F4
Conc. Spiked:	200 µg/L	200 µg/L	200 µg/L	200 µg/L
LCS Result:	140	130	130	55
LCS % Recov.:	70	65	65	28

MS/MSD	43-107	42-107	43-107	DL-118
LCS	60-95	54-100	51-96	21-114
Control Limits				

Please Note:

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SEQUOIA ANALYTICAL

David A. Pichette

David A. Pichette
Project Manager





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

Client Project ID: 35195.700 / ANC-SRMP
Matrix: Liquid

Work Order #: 9610217 01-07

Reported: Oct 14, 1996

QUALITY CONTROL DATA REPORT

Analyte:	2,4-Dinitro-toluene	Pentachloro-phenol	Pyrene
QC Batch#:	MS1004968270EXA	MS1004968270EXA	MS1004968270EXA
Analy. Method:	EPA 8270	EPA 8270	EPA 8270
Prep. Method:	EPA 3510	EPA 3510	EPA 3510

Analyst:	B. Pitamah	B. Pitamah	B. Pitamah
MS/MSD #:	961015201	961015201	961015201
Sample Conc.:	N.D.	N.D.	N.D.
Prepared Date:	10/4/96	10/4/96	10/4/96
Analyzed Date:	10/4/96	10/4/96	10/4/96
Instrument I.D.#:	F4	F4	F4
Conc. Spiked:	200 µg/L	200 µg/L	200 µg/L
Result:	150	120	150
MS % Recovery:	75	60	75
Dup. Result:	140	130	140
MSD % Recov.:	70	65	70
RPD:	6.9	8.0	6.9
RPD Limit:	0-30	0-30	0-30

LCS #:	WB100496	WB100496	WB100496
Prepared Date:	10/4/96	10/4/96	10/4/96
Analyzed Date:	10/4/96	10/4/96	10/4/96
Instrument I.D.#:	F4	F4	F4
Conc. Spiked:	200 µg/L	200 µg/L	200 µg/L
LCS Result:	140	130	150
LCS % Recov.:	70	65	75

MS/MSD	32-114	17-146	32-125
LCS	45-100	22-117	50-114
Control Limits			

SEQUOIA ANALYTICAL

David A. Pichette
David A. Pichette
Project Manager

Please Note:

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Attention: Richard Burzinski

Client Project ID: 35195.700 / ANC-SRMP
Matrix: Liquid

Work Order #: 9610217 /219 03, 05, 06, 07
Reported: Oct 14, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Phenol	2-Chlorophenol	1,4-Dichloro-benzene	N-Nitroso-Di-N-propylamine
QC Batch#:	MS1004968270EXA	MS1004968270EXA	MS1004968270EXA	MS1004968270EXA
Analy. Method:	EPA 8270	EPA 8270	EPA 8270	EPA 8270
Prep. Method:	EPA 3510	EPA 3510	EPA 3510	EPA 3510

Analyst:	B. Pitamah	B. Pitamah	B. Pitamah	B. Pitamah
MS/MSD #:	961015201	961015201	961015201	961015201
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	10/4/96	10/4/96	10/4/96	10/4/96
Analyzed Date:	10/4/96	10/4/96	10/4/96	10/4/96
Instrument I.D.#:	F4	F4	F4	F4
Conc. Spiked:	200 µg/L	200 µg/L	200 µg/L	200 µg/L
Result:	64	130	130	160
MS % Recovery:	32	65	65	80
Dup. Result:	63	120	120	150
MSD % Recov.:	32	60	60	75
RPD:	1.6	8.0	8.0	6.5
RPD Limit:	0-30	0-30	0-30	0-30

LCS #:	WB100896	WB100896	WB100896	WB100896
Prepared Date:	10/8/96	10/8/96	10/8/96	10/8/96
Analyzed Date:	10/9/96	10/9/96	10/9/96	10/8/96
Instrument I.D.#:	F4	F4	F4	F4
Conc. Spiked:	200 µg/L	200 µg/L	200 µg/L	200 µg/L
LCS Result:	78	130	110	150
LCS % Recov.:	39	65	55	75

MS/MSD	DL-132	42-112	42-100	53-107
LCS	47-107	59-97	54-93	55-114
Control Limits				

SEQUOIA ANALYTICAL

David A. Pichette

David A. Pichette
Project Manager

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Attention: Richard Burzinski

Client Project ID: 35195.700 / ANC-SRMP
Matrix: Liquid

Work Order #: 9610217 /219 03, 05, 06, 07
Reported: Oct 14, 1996

QUALITY CONTROL DATA REPORT

Analyte:	1,2,4-Trichloro-benzene	4-Chloro-3-Methylphenol	Acenaphthene	4-Nitrophenol
QC Batch#:	MS1004968270EXA	MS1004968270EXA	MS1004968270EXA	MS1004968270EXA
Analy. Method:	EPA 8270	EPA 8270	EPA 8270	EPA 8270
Prep. Method:	EPA 3510	EPA 3510	EPA 3510	EPA 3510

Analyst:	B. Pitamah	B. Pitamah	B. Pitamah	B. Pitamah
MS/MSD #:	961015201	961015201	961015201	961015201
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	10/4/96	10/4/96	10/4/96	10/4/96
Analyzed Date:	10/4/96	10/4/96	10/4/96	10/4/96
Instrument I.D.#:	F4	F4	F4	F4
Conc. Spiked:	200 µg/L	200 µg/L	200 µg/L	200 µg/L
Result:	150	140	140	49
MS % Recovery:	75	70	70	25
Dup. Result:	140	130	130	56
MSD % Recov.:	70	65	65	28
RPD:	6.9	7.4	7.4	13
RPD Limit:	0-30	0-30	0-30	0-30

LCS #:	WB100896	WB100896	WB100896	WB100896
Prepared Date:	10/8/96	10/8/96	10/8/96	10/8/96
Analyzed Date:	10/9/96	10/9/96	10/9/96	10/8/96
Instrument I.D.#:	F4	F4	F4	F4
Conc. Spiked:	200 µg/L	200 µg/L	200 µg/L	200 µg/L
LCS Result:	130	140	130	22
LCS % Recov.:	65	70	65	11

MS/MSD	43-107	42-107	43-107	DL-118
LCS	60-95	54-100	51-96	21-114
Control Limits				

SEQUOIA ANALYTICAL

David A. Pichette
Project Manager

Please Note:

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Attention: Richard Burzinski

Client Project ID: 35195.700 / ANC-SRMP
Matrix: Liquid

Work Order #: 9610217 /219 03, 05, 06, 07
Reported: Oct 14, 1996

QUALITY CONTROL DATA REPORT

Analyte:	2,4-Dinitro-toluene	Pentachloro-phenol	Pyrene
QC Batch#:	MS1004968270EXA	MS1004968270EXA	MS1004968270EXA
Analy. Method:	EPA 8270	EPA 8270	EPA 8270
Prep. Method:	EPA 3510	EPA 3510	EPA 3510

Analyst:	B. Pitamah	B. Pitamah	B. Pitamah
MS/MSD #:	961015201	961015201	961015201
Sample Conc.:	N.D.	N.D.	N.D.
Prepared Date:	10/4/96	10/4/96	10/4/96
Analyzed Date:	10/4/96	10/4/96	10/4/96
Instrument I.D.#:	F4	F4	F4
Conc. Spiked:	200 µg/L	200 µg/L	200 µg/L
Result:	150	120	150
MS % Recovery:	75	60	75
Dup. Result:	140	130	140
MSD % Recov.:	70	65	70
RPD:	6.9	8.0	6.9
RPD Limit:	0-30	0-30	0-30

LCS #:	WB100896	WB100896	WB100896
Prepared Date:	10/8/96	10/8/96	10/8/96
Analyzed Date:	10/9/96	10/9/96	10/9/96
Instrument I.D.#:	F4	F4	F4
Conc. Spiked:	200 µg/L	200 µg/L	200 µg/L
LCS Result:	130	58	160
LCS % Recov.:	65	29	80

MS/MSD	32-114	17-146	32-125
LCS	45-100	22-117	50-114
Control Limits			

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SEQUOIA ANALYTICAL

David A. Pichette

David A. Pichette
Project Manager





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

Client Project ID: 35195.700 / ANC-SRMP
Matrix: Liquid

Attention: Richard Burzinski

Work Order #: 9610217 /219 01-07

Reported: Oct 15, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Diesel
QC Batch#:	GC1010960HBPEXZ
Analy. Method:	EPA 8015M
Prep. Method:	EPA 3520

Analyst: J. Minkel
MS/MSD #: 961046303
Sample Conc.: 53
Prepared Date: 10/9/96
Analyzed Date: 10/10/96
Instrument I.D.#: GCHP5A
Conc. Spiked: 1000 µg/L

Result: 1200
MS % Recovery: 114

Dup. Result: 1100
MSD % Recov.: 104

RPD: 8.7
RPD Limit: 0-50

LCS #: BLK100996
Prepared Date: 10/9/96
Analyzed Date: 10/10/96
Instrument I.D.#: GCHP5A
Conc. Spiked: 1000 µg/L
LCS Result: 1200
LCS % Recov.: 120

MS/MSD	50-150
LCS	
Control Limits	

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.

SEQUOIA ANALYTICAL
David A. Pichette
David A. Pichette
Project Manager





Sequoia Analytical

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

Client Project ID: 35195.700 / ANC-SRMP
Matrix: Liquid

Attention: Richard Burzinski

Work Order #: 9610217 /219 01-07

Reported: Oct 15, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Arsenic	Lead
QC Batch#:	ME1008967000MDA	ME1008967000MDA
Analy. Method:	EPA 206.2	EPA 239.2
Prep. Method:	EPA 3020	EPA 3020

Analyst:	W. Thant	W. Thant
MS/MSD #:	961015803	961015803
Sample Conc.:	N.D.	N.D.
Prepared Date:	10/8/96	10/8/96
Analyzed Date:	10/10/96	10/11/96
Instrument I.D.#:	MTJA3	MTJA1
Conc. Spiked:	50 µg/L	50 µg/L
Result:	23	32
MS % Recovery:	46	64
Dup. Result:	21	29
MSD % Recov.:	42	58
RPD:	9.1	9.8
RPD Limit:	0-20	0-20

LCS #:	BLK100896	BLK100896
Prepared Date:	10/8/96	10/8/96
Analyzed Date:	10/10/96	10/11/96
Instrument I.D.#:	MTJA3	MTJA1
Conc. Spiked:	50 µg/L	50 µg/L
LCS Result:	43	57
LCS % Recov.:	86	114

MS/MSD	75-125	75-125
LCS	80-120	80-120
Control Limits		

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.

SEQUOIA ANALYTICAL

David A. Pichette
David A. Pichette
Project Manager

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

9610217.RRR <14>



T.A.T.
 STANDARD

CHAIN OF CUSTODY RECORD

Laboratory: Sequoia
 Laboratory Address: Rud City, Ca

Shipment No.: _____
 RUST Authorization: _____
 Page 1 of 1
 Samplers: GPS / JMS
 Recorder: Greg Mast
(signature required)

Project: ANL - SRMP
 Job Number: 35195.700 Date: 10-3-96
 Project Manager: Richard Burginski / Ed Alyson

ITEM NO.	SAMPLE NUMBER	Location of Sample	DATE AND TIME SAMPLED		MATRIX	Preservative	ANALYSIS REQUESTED						COMMENTS	
			Date	Time			16	18	20	21	22	23		
1	MW-7	1 A-L	10-3-96	0840	weta	4°C	HCL	NA ID	X	X	X	X	X	9610217/ 9610219 *EPA-8080 : report pbs only and minimum detection limit of 5 ppb for pbs.
2	MW-1R	2		0915		4°C			X	X	X	X		
3	MW-4	3		1000		4°C			X	X	X	X		
4	MW-6	4		1030		4°C			X	X	X	X		
5	GW-1R	5		1130		4°C			X	X	X	X		
6	MW-3	6		1230		4°C			X	X	X	X		
7	MW-5	7		1310		4°C			X	X	X	X		
8						4°C			X	X	X	X		
9						4°C			X	X	X	X		
10						4°C			X	X	X	X		
11						4°C			X	X	X	X		
12						4°C			X	X	X	X		

MISCELLANEOUS			CHAIN OF CUSTODY RECORD			
Method of Shipment	Airbill Number	Cooler Number	Relinquished by: (signature & affiliation)	Date/Time	Received by: (signature & affiliation)	Date/Time
COMMENTS: <u>Standard QA/QC and T.A.T.</u>			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
LABORATORY COPY WHITE	PROJECT COPY YELLOW	FIELD or OFFICE COPY PINK	Dispatched by: (signature & affiliation)	Date/Time	Received for lab by:	Date/Time
			<u>Greg Mast</u>	<u>10-3-96 1442</u>	<u>[Signature]</u>	<u>10/3/96 1442</u>