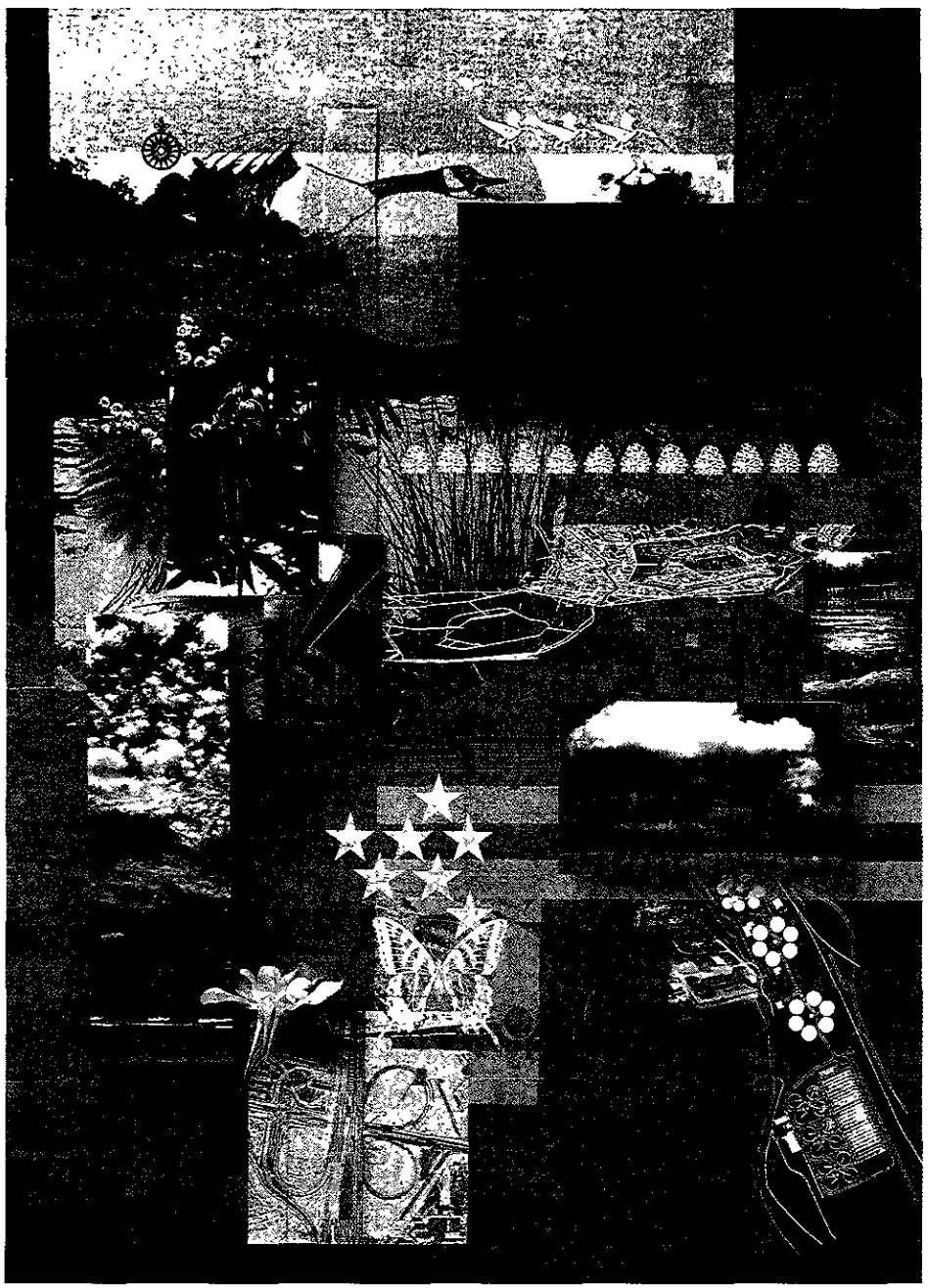
Quality • Integrity • Creativity • Responsiveness



Quality through teamwork

SRMP QUARTERLY GROUNDWATER MONITORING REPORT; FOURTH QUARTER, 1995

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

Prepared for:
American National Can Company
8770 West Bryn Mawr Avenue
Chicago, Illinois 60631-3504

Prepared by:

Rust Environment &
Infrastructure
12 Metro Park Road
Albany, New York 12205

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Rust Environment & Infrastructure

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1.0 INTRODUCTION

Rust Environment & Infrastructure (Rust) has completed an 18th round of quarterly groundwater monitoring at the subject site. This is the first round of monitoring conducted following the implementation of the Site-Wide Risk Management Plan (SRMP). In conjunction with implementing the SRMP, new monitoring wells were installed and previously decommissioned wells were reinstalled in and downgradient from Areas 2, 3 and 4. New monitoring wells were installed downgradient from the former RCRA storage areas and the former acetone underground storage tank (UST) area. Additional activities recently conducted at the site included replacing certain monitoring wells and rehabilitating surface casings of other wells to conform with the redevelopment of the site.

This report documents the activities performed in conjunction with implementing the SRMP and presents the results of this round of quarterly groundwater monitoring. In addition, this report includes an update of results obtained from groundwater mound and product thickness monitoring that is being performed in Area 3.

Regulatory oversight for the implementation of the SRMP is provided by the California Regional Water Quality Board - San Francisco Bay Region (RWQCB) and the Alameda County Department of Environmental Health Services (ACDEH).

2.0 SRMP IMPLEMENTATION ACTIVITIES

Four new monitoring wells and four replacement wells were installed at the site during the period from September 27, 1995 to October 4, 1995. Plate 1 is a map of the site showing existing surface features, the areas at the site being monitored, and groundwater monitoring well locations.

The new monitoring wells have been prefixed with a SRMP (Site-Wide Risk Management Plan) designation and include wells SRMP-1 through SRMP-4. SRMP-1 was installed within Area 2 downgradient from the former 12,000-gallon heating oil UST. Well SRMP-2 was installed downgradient from the former acetone UST. Well SRMP-3 was installed in Area 4 along the Site's southern property boundary and serves to extend the line of existing monitoring wells downgradient from this former UST area. Well SRMP-4 was installed downgradient from the former RCRA Drum Storage Area (DSA).

Wells MW-1R, MW-9R, MW-14R and TW-1R replace monitoring wells that were decommissioned or were excavated during on-site construction activities. Former well MW-1 was originally installed for the purpose of monitoring groundwater quality in Area 3. In 1994, well MW-1 was decommissioned prior to demolition of the former ANC facility. Replacement well MW-1R was installed adjacent to the location of former well MW-1. Well MW-1R was installed for the purpose of monitoring groundwater conditions associated with Area 3 and also to address concerns with possible residual contamination from the Building #12 soil excavation. Former Area 4 wells MW-9 and MW-14 were replaced with wells MW-9R and MW-14R, respectively. The replacement wells were installed adjacent to the former wells and in locations that were more compatible (accessible) with the redeveloped site. Well TW-1R was decommissioned in 1994, during the Area 2 UST removal and associated soil remediation activities. Replacement well TW-1R was reinstalled at the location of the original well.

All new and replacement monitoring wells were installed and developed in accordance with the drilling, soil sampling, and well development procedures outlined in the May, 1995, SRMP. Total depths of the newly installed wells range from 20 to 25 feet. Copies of the soil boring logs for the new wells and the replacement wells are presented as Appendix A. State of California Well Completion Reports are presented as Appendix B. Well development logs are included as Appendix C.

Riser pipes were extended on wells GW-1R, GW-2R, MW-2, MW-3, MW-4, and MW-6 for compatibility with site construction grading requirements. Well MW-13 was inadvertently filled with soil during on-site construction activities. Development procedures were successfully employed to clean out the well screen and riser pipe. The riser pipe in MW-13 was also extended. Each well that was modified was fitted with a new, 8-inch diameter flush-mounted protective casing.

The measuring points of all pre-existing and newly installed on-site monitoring wells were surveyed on October 26, 1995 by Kier and Wright Civil Engineers and Surveyors, Inc. The new measuring point elevations for the wells are presented in Table 1.

3.0 WATER LEVEL AND PRODUCT THICKNESS MONITORING

3.1 SITE-WIDE WATER LEVEL MONITORING

On a quarterly basis, water levels in all monitoring wells are measured. This data is used to construct a groundwater contour map for the site. Typically, the full round of measurements is made prior to the collection of quarterly groundwater samples. During the latest quarter of monitoring, however, the full round of measurements were recorded on November 6, 1995, approximately 2½ weeks following groundwater sampling (conducted on October 20, 1995). This was because the elevations of the new wells had not yet been surveyed. A complete set of water levels was also recorded on December 4, 1995.

Table 1 includes a summary of water levels, product thicknesses, and corresponding groundwater elevations measured on November 6, 1995, and December 4, 1995. Figure 1 is a groundwater contour map prepared from the December 4 groundwater elevations. The contour map shows that groundwater flow conditions at the site are consistent with previous data. The regional groundwater flow direction is generally to the south. A groundwater mound, which (based on a preliminary investigation report dated September 14, 1995 to the ACDEH from the consulting firm Erler & Kalinowski, Inc.) is centered and originates beneath the neighboring Ekotek Lube property, continues to create a reversal in the regional groundwater gradient in this area. The magnitude and fluctuation of this mound is monitored by Rust as part of this groundwater monitoring program and the results of the monitoring are reported below.

3.2 AREA 3 WATER LEVEL AND PRODUCT THICKNESS MONITORING

In addition to the quarterly groundwater elevation monitoring conducted in all wells, groundwater elevations and product thicknesses in the Area 3 wells are currently monitored on a monthly basis. Interim remedial efforts were initiated on the Ekotek Lube property in March, 1994, when the owners reportedly removed approximately 50,000 gallons of liquids from the above and below ground storage tanks, storm drains, and underground sumps, hereinafter collectively referred to as impoundments. Following the removal of liquids, the impoundments were reportedly "capped" (covered with wood and concrete and the joints caulked) to prevent them from being re-filled with rainwater. As reported by Erler & Kalinowski (September 14, 1995), the East Bay Municipal Utility District (EBMUD) closed the valves of two water service pipes to the Ekotek Lube site on August 21, 1995. Erler & Kalinowski concluded in their September 14, 1995 letter to the ACDEH that turning these valves off stopped the source of the groundwater mound. In late 1995, the Ekotek Lube site was partly razed and the impoundments are currently in various states of demolition. As a result of this demolition, it appears that the underground impoundments, some of which are partly filled with soil and debris, are now exposed to the surface and are collecting rainwater.

The purpose of the Area 3 monitoring is to provide additional data regarding groundwater mound height and product thickness, in conjunction with groundwater quality data, to the RWQCB and ACDEH so that the effectiveness of remedial measures taken on the Ekotek Lube property can continue to be assessed.

3.2.1 Area 3 Groundwater Mound Monitoring

On a monthly basis, water levels in all Area 3 wells (GW-1R, GW-2R, MW-1R, MW-2, MW-3, MW-4, MW-5, MW-6, and MW-7) are recorded. This data is used to monitor fluctuations and changes in the height and shape of the groundwater mound. For the purpose of this monitoring program, the height of the mound is defined as the difference in the groundwater elevation between locations on the mound (i.e., wells MW-2 and MW-3) and locations that are on the periphery or off the mound (i.e., wells MW-4 and MW-5). The groundwater mound height at well MW-2 is calculated as the difference in groundwater elevation between wells MW-2 (on mound) and MW-4 (off mound). Similarly, the mound height at well MW-3 is calculated as the difference in groundwater elevation between wells MW-3 (on mound) and MW-5 (off mound). As a result, changes in the observed mound height can be caused by groundwater level fluctuations off the mound or groundwater level fluctuations on the mound.

Table 2 provides a summary of groundwater elevations recorded at approximately monthly intervals at wells MW-2, MW-3, MW-4 and MW-5, since April, 1991. Table 2 also includes a summary of the height of the groundwater mound measured at wells MW-2 and MW-3 since April, 1991. Figure 2a provides hydrographs of the groundwater elevations from wells MW-2 and MW-4, over that same period of. The hydrographs for wells MW-3 and MW-5 are provided on Figure 2b. Both Figures 2a and 2b indicate daily precipitation recorded by the National Weather Service at the Oakland Museum Recording Station (located approximately 2 1/2 miles west-northwest of the Site) between December 1, 1990 and November 30, 1995. The precipitation graph reflects the Mediterranean type climate of the region, i.e. nearly all of the yearly precipitation falls during the winter months from approximately October 1 to April 1 (wet season). The hydrographs show the seasonal fluctuation in groundwater elevations and the relationship of the fluctuation to precipitation. The mound height graphs for wells MW-2 and MW-3 are also plotted on Figures 2a and 2b, respectively, so that changes in mound height can be compared to groundwater level fluctuations and precipitation patterns. Figure 3 provides a plot of both the MW-2 and MW-3 mound height graphs so that changes in the mound height at each well can be compared.

The mound appears to be caused by relatively constant, localized infiltration and groundwater recharge beneath the Ekotek Lube site which is absent, or of a lesser magnitude, beneath the former ANC site. Figures 2a and 2b depict seasonal trends in the mound since April, 1991. Fluctuations in mound height generally follow a cyclic pattern which lags behind fluctuations in groundwater elevation. Through approximately the first half of the wet season (October to December), the mound height usually decreases as the groundwater elevation off the mound increases more than it does on the mound. As a result, the mound typically reaches its lowest point of the year after the groundwater elevation begins to rise, in November or December. Through the remainder of the wet season (January to March), the groundwater elevation on the mound increases more than it does off the mound and as a result, the mound height increases. Through approximately the first half of the dry season (April to June), the mound height continues to increase as the groundwater elevation off the mound falls more rapidly than it does on the mound. As a result, the mound typically reaches its highest point of the year after the groundwater elevation has begun to decline, in May or June. Through the remainder of the dry season (June to September), the mound height decreases as the groundwater elevation on the mound decreases more rapidly than it does off the mound.

Although the mound height fluctuates through the year in response to changes in groundwater elevation both on and off the mound, the mound persists throughout the year. The persistence of the mound indicates that the infiltration causing the mound is continual through most if not all of the year.

Two sources that have been proposed as accounting for the constant infiltration on the Ekotek Lube site that causes the mound are: 1) the subsurface impoundments; and 2) EBMUD's water service pipe(s) that were previously active to the site and possibly leaking. The theory behind the impoundments is that they become filled with rainwater during the wet season. Leakage from the impoundments then provides a continual source of recharge. Although the volume of liquid in the impoundments decreases through the dry season, they apparently do not drain completely because the mound does not totally disappear. The theory behind the water pipe(s) is that they may have been leaking up until the time that they were shut off by EBMUD on August 21, 1995. If a sufficient volume of water was leaking from the pipe(s), that would provide the continual source of recharge that causes the mound. It is also possible that both of these sources may contribute to some degree. Either of these sources could produce the trends discussed above that have been observed since 1991.

Since interim remedial measures were initiated on the Ekotek Lube site in March, 1994, the seasonal trends outlined above are still recognizable and they fit the historical patterns. In May, 1995, the mound reached its high point for the year (highest at MW-2 since monitoring began). From July, 1995, to November, 1995, the mound height decreased consistent with the corresponding periods in previous years. As of December 4, 1995, the mound height had again increased, which is consistent with previous years. The increase in the mound height on December 4, 1995, indicates that the water service pipes probably contributed little, if any, to the source of recharge causing the mound. Alternatively, it appears that the underground impoundments are currently exposed to the surface and are collecting rainwater. In this condition, the impondments are expected to provide a continued source of recharge for the mound. In addition, relatively higher infiltration rates may be facilitated on the Ekotek Lube site until the site is re-surfaced in a manner designed to promote runoff.

3.2.2 Area 3 Product Monitoring

A product monitoring program has been conducted in Area 3 since April, 1991. As part of the program, product thickness measurements are made in Area 3 wells that have previously contained free product (Wells GW-1R, GW-2R, MW-2, MW-3 and MW-5). Product thicknesses are measured with an electronic oil/water interface probe and product layers that are >0.02 feet thick are bailed from those wells.

The product monitoring program has been performed on a monthly basis since January, 1995. Prior to that, it had been performed on a quarterly basis from April, 1991 to August, 1994 and on a tri-weekly basis from August, 1994 through January, 1995.

Table 3 is a summary of product thickness measurements that have been recorded since the product monitoring began in April, 1991. Figures 4a, 4b and 4c provide a graphic display of changes in product thicknesses that have been measured in Area 3 wells GW-2R, MW-2 and MW-5,

respectively, since product monitoring began in each well. Historically, relatively thin product layers have been occasionally detected in wells GW-1/GW-1R and MW-3. This history did not warrant the preparation of graphs such as those prepared for the other Area 3 wells.

The graphs on Figures 4a, 4b and 4c reveal an inverse relationship between groundwater elevation and thickness of product measured in the wells. Product thickness in the wells appears to increase when the groundwater elevation lowers. As the groundwater elevation increases during the wet season, the thickness of product in the wells decreases.

Consistent with the relationship discussed above, the product thickness in well GW-2R (Figure 4a) increased during the period from August to December, 1995, to 0.76 feet as the groundwater level lowered. Similarly, the product thickness in well MW-2 (Figure 4b) increased to 0.11 feet on November 6, 1995. Product in well MW-5 (Figure 4c) over the past year fluctuated between a thickness of 0.00 and 0.16 feet.

3.3 GROUNDWATER QUALITY MONITORING

Groundwater sampling was conducted on October 20, 1995. The samples were preserved with ice and submitted under chain-of-custody to Sequoia Analytical of Redwood City, California. Field sampling procedures are summarized in the May, 1995, Site-wide Risk Management Plan. Detailed laboratory analytical reports are provided in Appendix D.

The following sections provide a discussion of the groundwater monitoring program conducted in each of the 5 areas of concern at the site. The discussion includes an overview of the program conducted in each area, as specified in the SRMP, and a summary of the results obtained from the latest round of sampling.

3.3.1 Area 2

The purpose of the Area 2 groundwater sampling is to collect and analyze groundwater quality and hydrogeologic data in the vicinity of the former UST to ensure that impacted groundwater, if any, is being contained. Area 2 groundwater samples were analyzed for total petroleum hydrocarbons as diesel by California Department of Health Services (Cal DHS) methods (TPHd); benzene, toluene, ethylbenzene and total xylenes by EPA SW-846 Method 8020 (BTEX); and, total lead and total zinc by EPA SW-846 Method 6010. The metals samples were collected as total matrix samples.

Area 2 groundwater analytical results are summarized in Table 4. TPHd was detected in each of the Area 2 monitoring wells. However, the TPHd concentration at the Area 2 containment monitoring point, well SRMP-1, was 87 µg/l, which is below the containment concentration of 500 µg/l. BTEX compounds were not detected in any of the Area 2 groundwater samples. Elevated lead (3.8 mg/l) and zinc (16 mg/l) concentrations were detected in the sample from well MW-13. It was suspected that the elevated metals in this sample were a reflection of sample sediment load and turbidity, and were not representative of groundwater quality. This was found to be the case in 1991 when well MW-13 was first sampled. Because of this, well MW-13 was resampled on December 4, 1995, and

analyzed for lead and zinc. During the resampling, both total matrix and field filtered (0.45 micron filter) samples were collected. In the filtered sample (See Table 4), lead was not detected and zinc (3.3 mg/l) was detected at a concentration below that in the total matrix sample (11 mg/l). The recent zinc concentration at MW-13 in the filtered sample is less than zinc concentrations detected in filtered samples collected during the July, 1991 (7.4 mg/l), October, 1991 (6.9 mg/l) and January, 1992 (7.9 mg/l) quarterly sampling rounds. During future monitoring events, Area 2 groundwater samples collected for metals analysis will be filtered in the field. Total matrix samples will not be collected. This is consistent with procedures specified in the SRMP.

3.3.2 Area 3

The Area 3 groundwater monitoring program, in conjunction with monthly groundwater mound height and free product thickness monitoring, is performed so that the effectiveness of remedial measures performed on the adjacent Ekotek Lube property can continue to be assessed. The SRMP specifies that all Area 3 monitoring wells, that do not contain detectable free product, are to be sampled during quarterly monitoring. Wells GW-2R, MW-2, MW-3 and MW-5 contained free product and were not sampled during thist round of sampling. Groundwater samples from wells MW-1R, MW-4, MW-6, MW-7 and GW-1R were collected and analyzed for volatile organic compounds by EPA SW-846 Method 8240 (VOCs), semi-volatile organic compounds by EPA SW-846 Method 8270 (SVOCs), TPHd and TPHg by Cal-DHS methods. Well MW-1R was also analyzed for TPH as mineral spirits to address concerns of possible residual contamination from Building 12 soil excavation activities.

Table 5 provides a summary of Area 3 groundwater analytical results. Analytical results for Area 3 wells are generally consistent with previous quarterly monitoring results. VOC and TPHd concentrations in well MW-4 have increased from previous results. TPH as mineral spirits were detected in well MW-1R at a concentration of 520 µg/l.

3.3.3 Area 4

The purpose of the Area 4 groundwater monitoring program is to provide monitoring data to ensure that any residual impacted groundwater, that may be present since completion of soil and groundwater remediation in this area, is contained and not migrating off-site. Groundwater samples were collected from downgradient wells MW-9R, MW-14, and SRMP-3 for TPHg, TPHd and BTEX analyses.

Area 4 groundwater analytical results are summarized in Table 6. TPHg and all BTEX compounds were not detected in any of the Area 4 monitoring wells during this round of monitoring. TPHd was detected at low concentrations in all three monitoring wells. The highest concentration (130 µg/l) was detected in well SRMP-3.

3.3.4 RCRA Area

The former Drum Storage Area (DSA) is being monitored as part of the SRMP. The purpose of groundwater monitoring in this area is to evaluate whether impacted soils that were previously

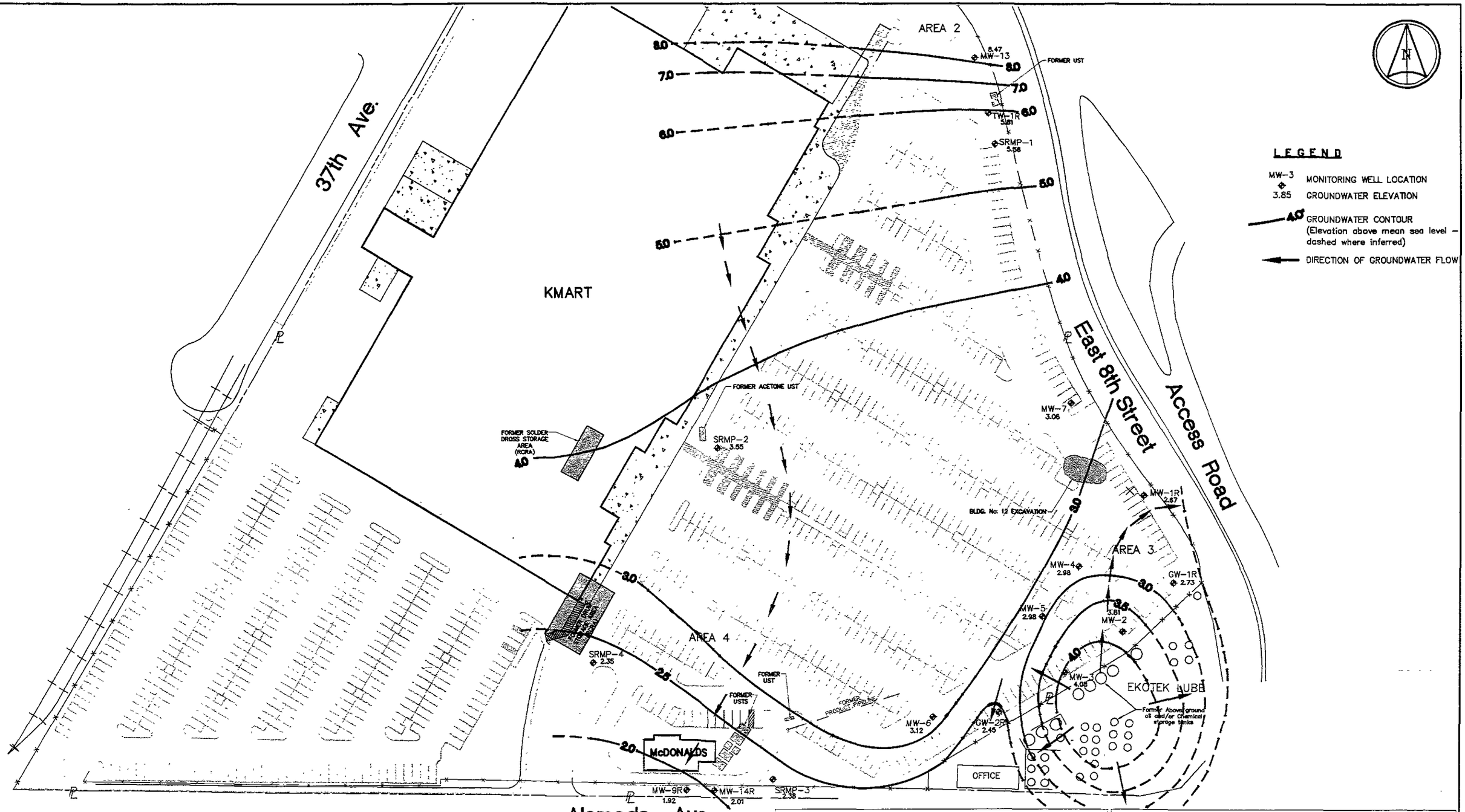
excavated from the former DSA had impacted groundwater quality. Well SRMP-4 was sampled for TPHd, TPH mineral spirits, total lead and total zinc by EPA SW-846 Method 6010, and for VOCs by EPA SW-846 Method 8240.

Groundwater analytical results from the RCRA Area are summarized in Table 7. TPHd, TPH as mineral spirits and lead were not detected in the sample from well SRMP-4 and zinc (0.13 mg/l) was detected well below the applicable containment concentration (5 mg/l). Tetrachloroethene (PCE) was detected in monitoring well SRMP-4 at a concentration of 6.2 µg/l. PCE and all other chlorinated VOCs tested for were not detected in any of the soil samples collected during the closure of the RCRA storage areas. Therefore, the low concentration of PCE detected in well SRMP-4 appears to be unrelated to the RCRA Area.

3.3.5 Former Acetone UST Area

Monitoring well SRMP-2 was installed immediately downgradient from the former location of an acetone UST removed during site development. Well SRMP-2 was sampled and analyzed for VOCs by EPA SW-846 Method 8240. As shown on Table 8, acetone was detected at a concentration of 52 µg/l in the groundwater sample from this well. This result will be evaluated further as future quarterly monitoring results are obtained.

FIGURES



RUST ENVIRONMENT & INFRASTRUCTURE

GROUNDWATER ELEVATION CONTOUR MAP 11/6/95

AMERICAN NATIONAL CAN COMPANY
FORMER OAKLAND PLANT

PROJECT NO. 35195.700	DATE 12/95	DWG. NO. M8985_22	SCALE 1"=100'	FIGURE NO. 1

Former American National Can Company Facility
Oakland, California

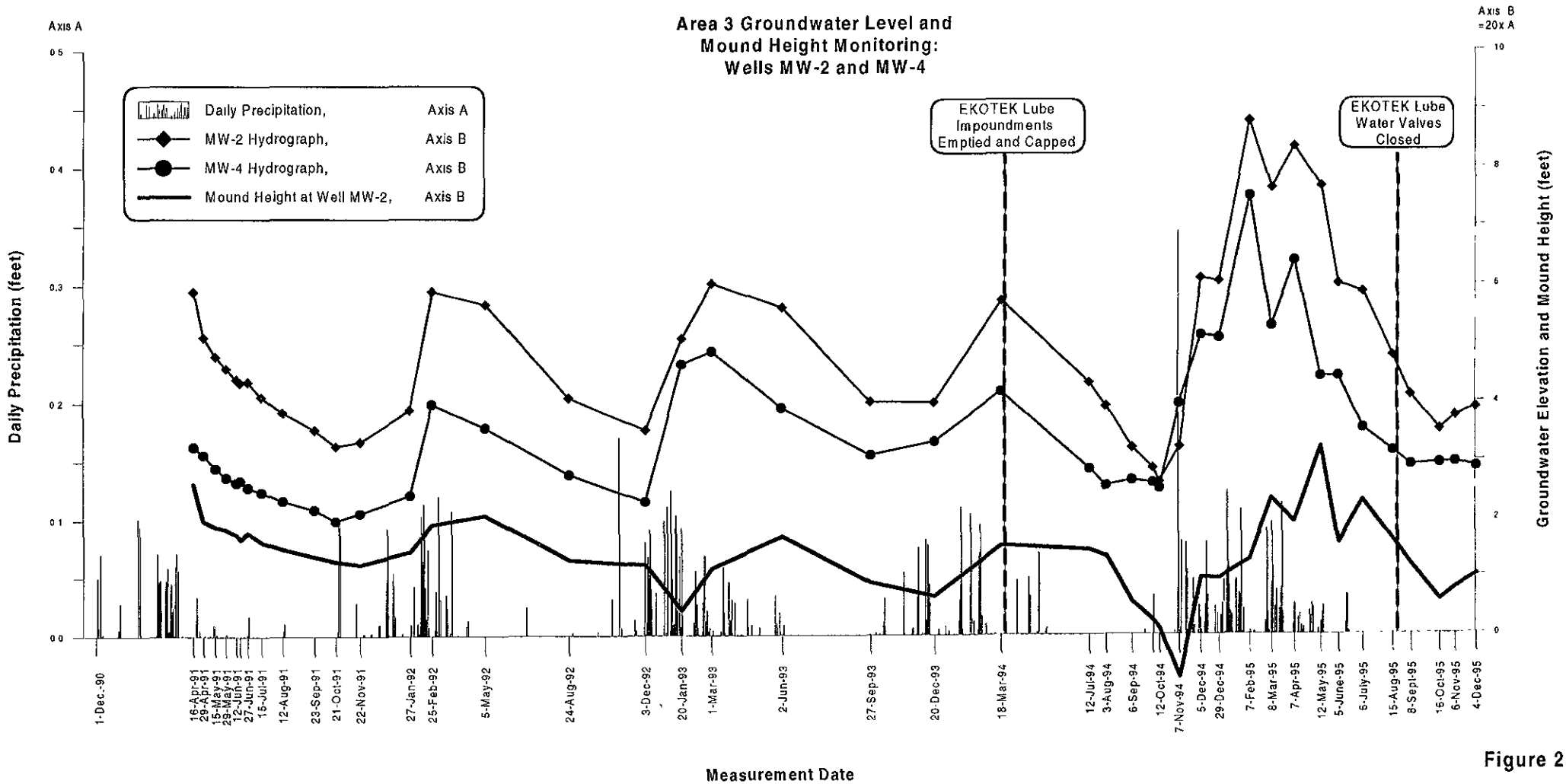


Figure 2a

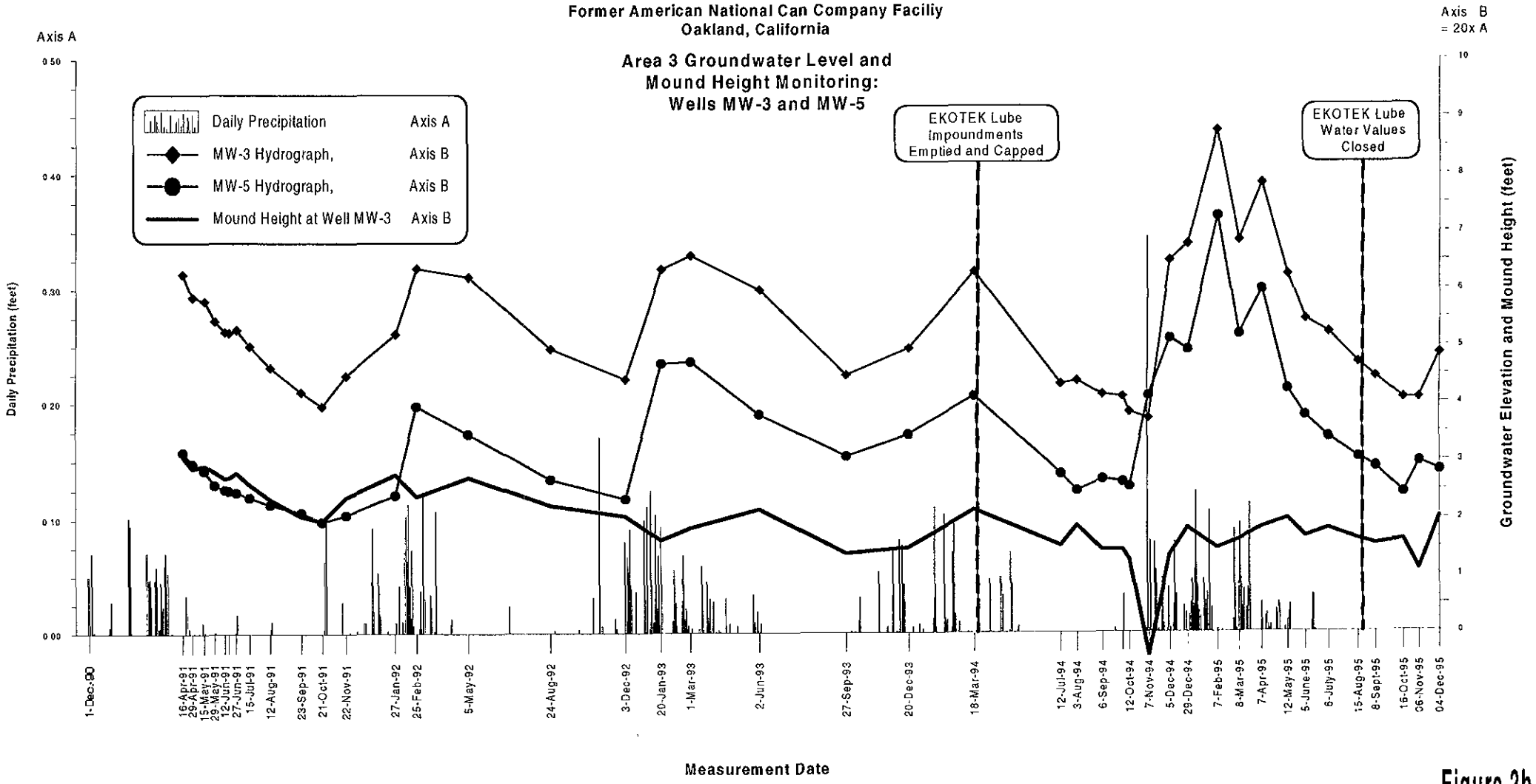

Former American National Can Company Facility
Oakland, California
Area 3 Groundwater Level and Mound Height Monitoring: Wells MW-3 and MW-5
Axis A
Axis B = 20x A
Daily Precipitation Axis A
MW-3 Hydrograph, Axis B
MW-5 Hydrograph, Axis B
Mound Height at Well MW-3 Axis B
EKOTEK Lube Impoundments Emptied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

Figure 2b

Former American National Can Company Facility
Oakland, California

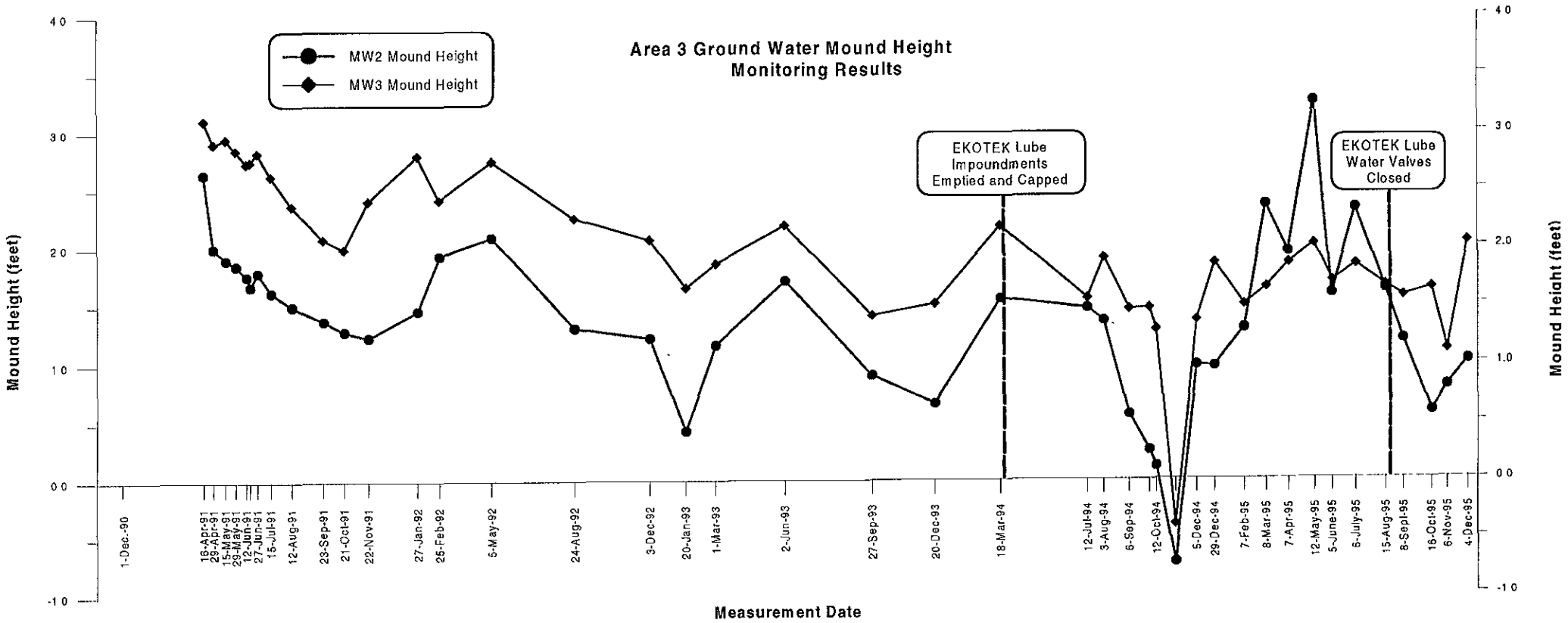


Figure 3

Former American National Can Company Facility
Oakland, California

Area 3 Product Monitoring Results:
Well GW-2R

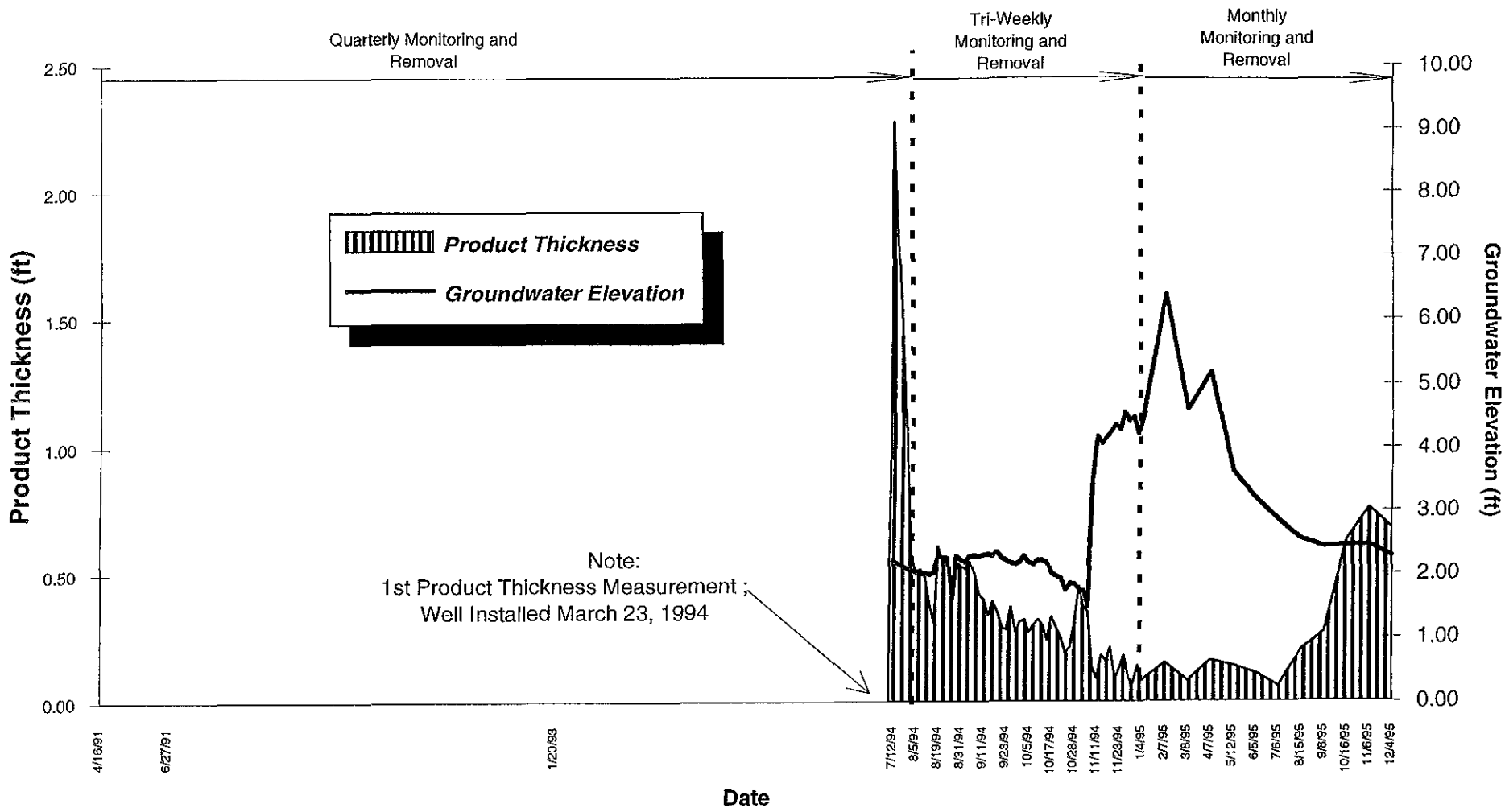


Figure 4a

Former American National Can Company Facility
Oakland, California

Area 3 Product Monitoring Results:
Well MW-2

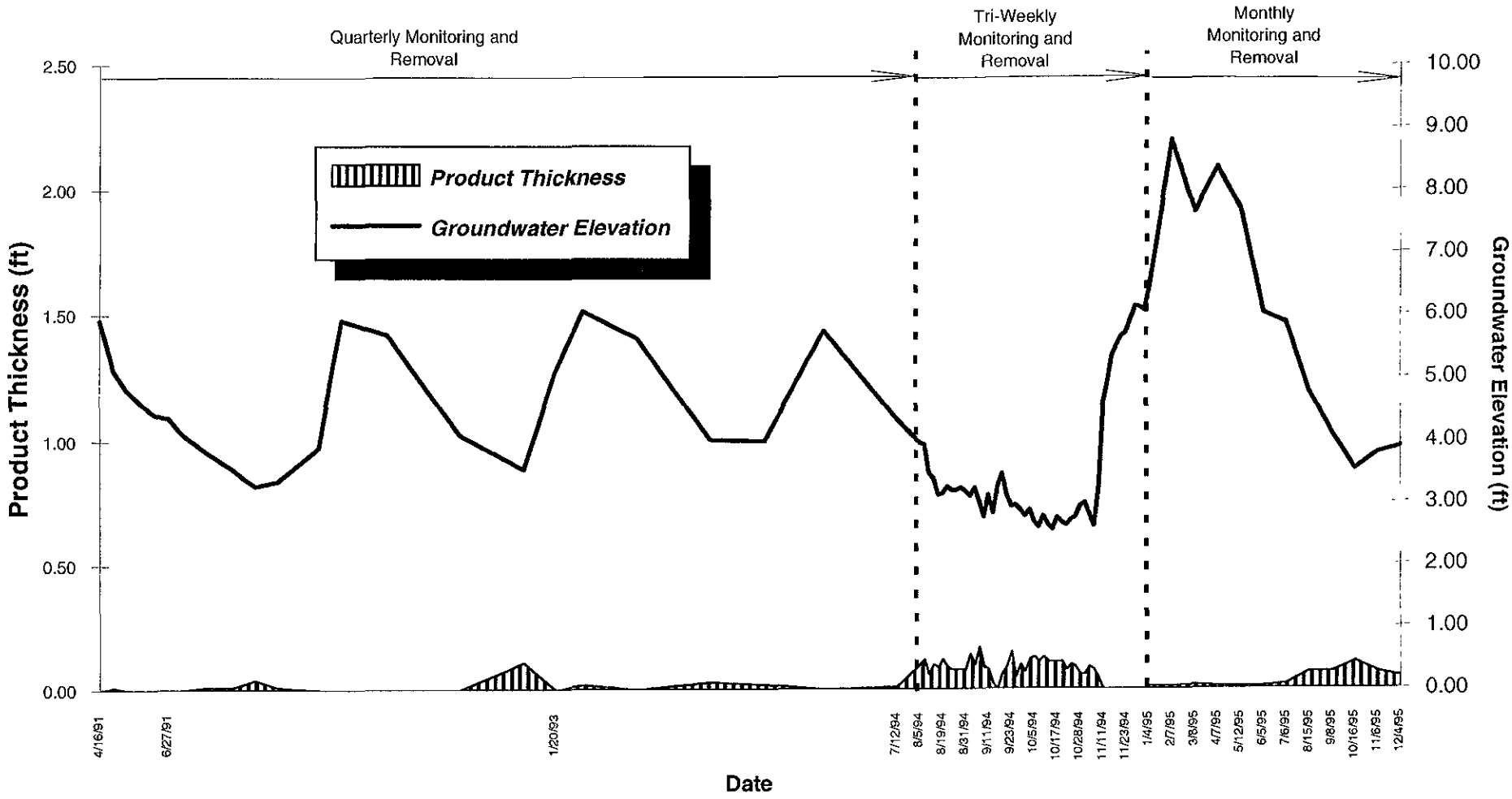


Figure 4b

Former American National Can Company Facility
Oakland, California

Area 3 Product Monitoring Results:
Well MW-5

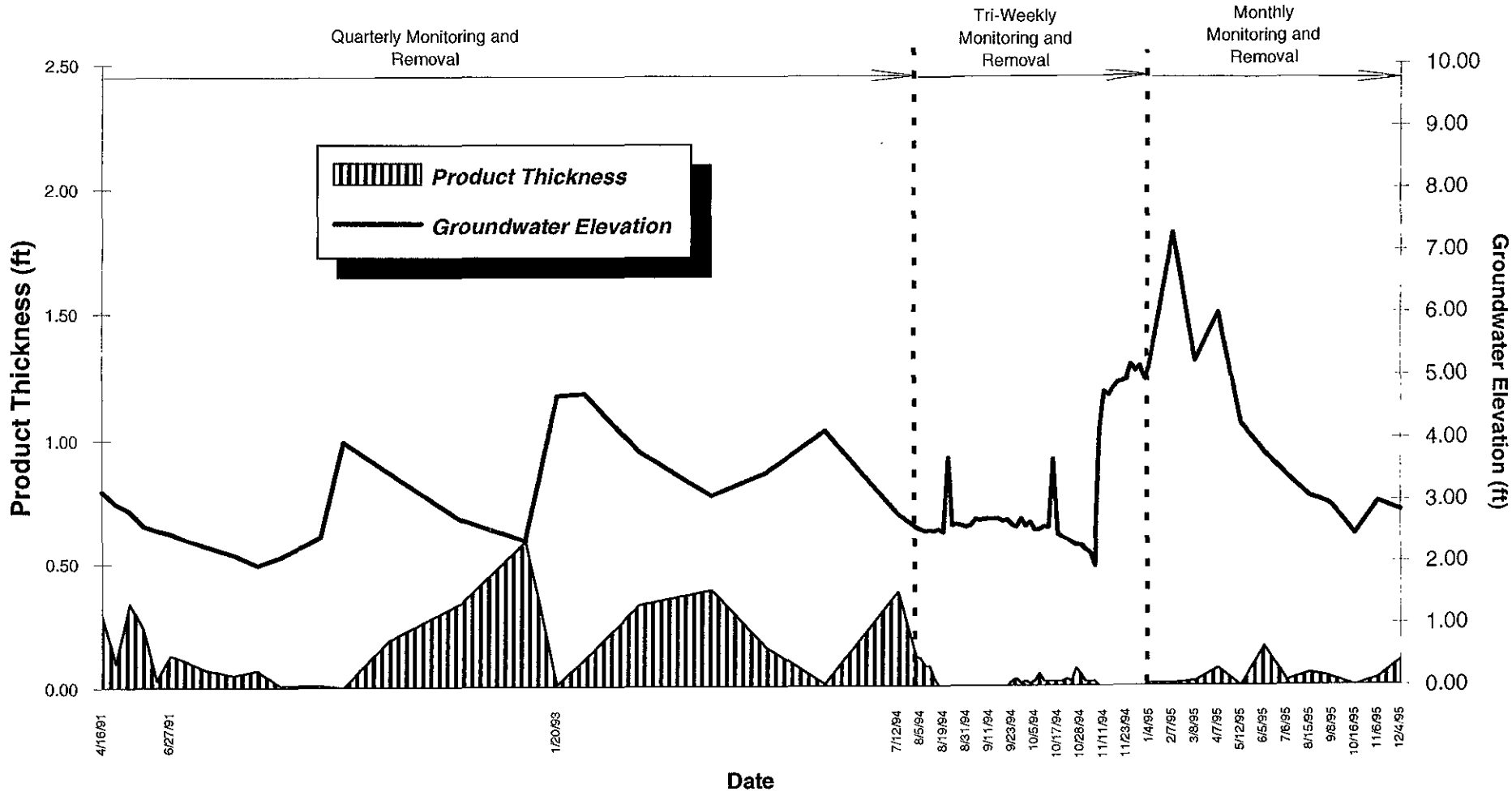


Figure 4c

TABLES

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

Summary of Site-Wide Water Level Measurements

Well Number	Measuring Point Elevation	11/6/95 Depth To Product	11/6/95 Depth To Water	11/6/95 Water Table Elevation	12/4/95 Depth To Product	12/4/95 Depth To Water	12/4/95 Water Table Elevation
MW-1R	16.22		13.55	2.67		13.70	2.52
MW-2	16.36	12.54	12.61	3.81	12.45	12.50	3.90
MW-3	16.25	12.16	12.20	4.08	11.375	11.38	4.87
MW-4	16.04		13.06	2.98		13.15	2.89
MW-5	14.78	11.79	11.82	2.98	11.92	12.02	2.84
MW-6	14.32		11.20	3.12		11.85	2.47
MW-7	16.27		13.21	3.06		13.29	2.98
MW-9R	13.42		11.50	1.92		11.66	1.76
MW-13	17.96		9.49	8.47		9.25	8.71
MW-14R	13.18		11.17	2.01		11.35	1.83
GW-1R	17.36		14.63	2.73		14.45	2.91
GW-2R	15.81	13.23	13.99	2.45	13.42	14.10	2.27
TW-1R	17.49		11.68	5.81		11.75	5.74
SRMP-1	16.67		11.11	5.56		11.25	5.42
SRMP-2	13.33		9.78	3.55		9.93	3.40
SRMP-3	14.34		11.96	2.38		12.12	2.22
SRMP-4	13.06		10.71	2.35		10.87	2.19

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.

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	2.4	2.63	4.12	2.50	1.62
12-Aug-91	4.65	2.28	2.37	3.85	2.35	1.50
23-Sep-91	4.22	2.14	2.08	3.56	2.19	1.37
21-Oct-91	3.97	1.98	1.99	3.28	2.00	1.28
22-Nov-91	4.51	2.1	2.41	3.36	2.13	1.23
27-Jan-92	5.24	2.44	2.8	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	6.6	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	3.1	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	2.8	1.55	4.35	2.88	1.47
3-Aug-94	4.41	2.51	1.9	3.95	2.59	1.36
6-Sep-94	4.16	2.7	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	-0.4	3.26	3.99	-0.73
5-Dec-94	6.51	5.15	1.36	6.13	5.15	0.98
29-Dec-94	6.8	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	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

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 com well MW-5. It is calculated as the difference in groundwater elevation between the two
3. MW-2 mound height refers to the height of the groundwater mound at well MW-2 as com well MW-4. It is calculated as the difference in groundwater elevation between the two

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 (continued)
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 (continued)
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

Notes:

1. All thicknesses are expressed in feet.
2. -- Indicates that no measurement was taken.
3. NP Indicates no product present.

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

Summary of Quarterly Ground Water Analytical Results - Area 2

ANALYSIS	20-Oct-95		
	MW-13	TW-1R	SRMP-1
TPH as Gasoline (EPA Method 8015 Mod)(ug/l)	nd	--	--
BTEX (EPA Method 8020)(ug/l)			
Benzene	nd	nd	nd
Toluene	nd	nd	nd
Ethylbenzene	nd	nd	nd
Total Xylenes	nd	nd	nd
TPH as Diesel (EPA Method 8015 Mod)(ug/l)	**340**	**1100**	**87**
Metals (Unfiltered) (EPA Method 6010)(mg/l)			
Lead	**3.8**	nd	nd
Zinc	**16**	**0.79**	**0.081**
Lead (re-sampled on 12/4/95)	**0.88**	--	--
Zinc (re-sampled on 12/4/95)	**11**	--	--
Metals (Filtered) (EPA Method 6010)(mg/l)			
Lead (sampled on 12/4/95)	nd	--	--
Zinc (sampled on 12/4/95)	**3.3**	--	--

NOTES:

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

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

Summary of Quarterly Ground Water Analytical Results - Area 3

ANALYSIS	20-Oct-95				
	MW-1R	MW-4	MW-6	MW-7	GW-1R
Volatile Organics (EPA Method 8240)(ug/l)					
Dilution Factor	1.0	2.5	1.0	1.0	5.0
Benzene	**21**	**220**	nd	nd	**330**
Chlorobenzene	**50**	**32**	nd	nd	nd
1,1-Dichloroethane	**3.4**	nd	**5.6**	nd	nd
cis-1,2-Dichloroethane	**5.4**	nd	nd	nd	**180**
trans-1,2-Dichloroethane	nd	nd	nd	nd	**14**
Ethylbenzene	nd	**8.2**	nd	nd	**67**
Toluene	nd	**6.8**	nd	nd	**150**
Vinyl Chloride	**2.5**	nd	nd	nd	**640**
Total Xylenes	**4.4**	**21**	nd	nd	**270**
Total VOCs	**86.7**	**288.0**	**5.6**	nd	**1651**
TPH as gasoline (EPA Method 8015 Mod)(ug/l)	**240**	**1400**	nd	nd	**2900**
TPH as mineral spirits (EPA Method 8015 Mod)(ug/l)	**520**	--	--	--	--
TPH as diesel (EPA Method 8015 Mod)(ug/l)	**2700**	**23000**	**180**	**500**	**16000**
Semi-Volatile Organics (EPA Method 8270)(ug/l)					
Dilution Factor	1.0	10.0	1.0	1.0	20.0
Bis(2-chloroethyl)ether	**5.8**	nd	nd	nd	nd
1,2-Dichlorobenzene	**17.0**	nd	nd	nd	nd
1,4-Dichlorobenzene	**14.0**	nd	nd	nd	nd
2,4-Dimethlyphenol	nd	nd	nd	nd	**1800**
2-Methlynaphthalene	**8.3**	nd	nd	nd	nd
PCBs (EPA Method 8080)(ug/l)	nd	nd	nd	nd	nd

NOTES:

- -: Indicates compound was not analyzed for.

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

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

Summary of Quarterly Ground Water Analytical Results - Area 4

ANALYSIS	20-Oct-95		
	MW-9R	MW-14R	SRMP-3
TPH as Gasoline (EPA Method 8015 Mod)(ug/l)	nd	nd	nd
BTEX (EPA Method 8020)(ug/l)			
Benzene	nd	nd	nd
Toluene	nd	nd	nd
Ethylbenzene	nd	nd	nd
Total Xylenes	nd	nd	nd
TPH as Diesel (EPA Method 8015 Mod)(ug/l)	**60**	**76**	**130**

NOTES:

- -: Indicates compound was not analyzed for.

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

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

Summary of Quarterly Ground Water Analytical Results - RCRA Area

ANALYSIS		20-Oct-95 SRMP-4
Volatile Organics (EPA Method 8240)(ug/l)		
	Dilution Factor	1.0
Tetrachloroethene		**6.2**
FUEL FINGERPRINT: MINERAL SPIRITS (EPA Method 8015 Mod)(ug/l)		nd
TPH as Diesel (EPA Method 8015 Mod)(ug/l)		nd
Metals (Unfiltered) (EPA Method 6010)(mg/l)		
Lead		nd
Zinc		**0.13**

NOTES:

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

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

Summary of Quarterly Ground Water Analytical Results

Former Acetone UST Area

ANALYSIS		20-Oct-95 SRMP-2
Volatile Organics (EPA Method 8240)(ug/l)		
	Dilution Factor	1.0
Acetone		**51**

NOTES:

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

APPENDIX A

Soil Boring Logs

RUST ENVIRONMENT & INFRASTRUCTURE

TEST BORING LOG

BOREHOLE NO: _____
WELL NO: MW-1R

PROJECT NAME: ANC	PROJECT NUMBER: 35195.700
CLIENT: American National Can	DRILL CONTRACTOR: West Hazmat
DRILL RIG: CME-75	BOREHOLE DIAMETER: 7.5"
SAMPLING METHOD: Split Spoon 18"x2"	DEPTH TO WATER: 13.69 Ft.
START DATE: 9-27-95 16:00 / COMPLETION DATE: 9-27-95 17:30	TOTAL DEPTH: 25 Ft.
LOGGED BY: Max Shahbazian	APPROVED BY:
LOCATION:	SURFACE ELEVATION:

SOIL CLASS/ GRAPHIC LOG	DESCRIPTION	DEPTH	MODE	RECOVERY	BLOW COUNT RQD	SAMPLE NO.	PID READING (ppm)	REMARKS
GC	FILL 0'-9' CLAYEY GRAVELS: grayish brown 5YR 3/2, damp to moist, medium dense, silty, sandy, picees of brick and concrete.	5	DR	6"	19 13 14			
			HA					
ML	ALLUVIUM 9'-13' SILT: grayish olive 10Y 4/2, mottled with grayish Orange 10YR 7/4, damp, firm, Sandy, fine gravels	10	DR	18"	6 9 17	MW-1R		PP=1
SP	13'-17' SAND: grayish Olive 10Y 4/2, moist, loose, silty, quartz and chert gravels	15	HA					
			DR	12"	6 10 23			▽ water first encountered at 16'
CL	17'-21.5' CLAY: dark yellowish orange 10YR 6/6, moist, Stiff medium plasticity, Silty	20	HA					
			DR	18"	5 7 13			PP=1.6
			HA					

RUST ENVIRONMENT & INFRASTRUCTURE

TEST BORING LOG

BOREHOLE NO: _____
WELL NO: MW-9R

PROJECT NAME: ANC	PROJECT NUMBER: 35195.700
CLIENT: American National Can	DRILL CONTRACTOR: Bayland
DRILL RIG: CME-55 Half mast	BOREHOLE DIAMETER: 7.5 Inch
SAMPLING METHOD: Split Spoon 18" x 2"	DEPTH TO WATER: 11.55 Ft.
START DATE: 10-4-95 9:10 / COMPLETION DATE: 10-4-95 13:15	TOTAL DEPTH: 25 Ft.
LOGGED BY: Max Shahbazian	APPROVED BY:
LOCATION:	SURFACE ELEVATION:

SOIL CLASS / GRAPHIC LOG	DESCRIPTION	DEPTH	MODE	RECOVERY	BLOW COUNT RQD	SAMPLE NO.	PID READING (ppm)	REMARKS
GM	— FILL — 0'-5' SILTY GRAVELS: grayish orange 10YR 7/4, dry, loose, Sandy.		HA					
CL	5'-8' SILTY CLAY: grayish black N2, damp, stiff, med. Plasticity.	5	DR	18"	5 6 8			PP = 1.5
	— ALLUVIUM —		HA					
ML	8'-13' SILT: light olive gray 5Y 5/2, damp, stiff, clayey, Sandy.	10	DR	18"	7 6 6	MW-9R		PP = 1
			HA					
GM	13'-24' SILTY GRAVELS: in dark yellowish Orange clay matrix. medium to Coarse Sand, fine to Coarse, angular to rounded gravels, saturated, medium dense.	15	PR	16"	14 15 17			▽ Water first encountered at 15'
			HA					
		20	DR	18"	9 11 11			
			HA					
CL	24'-26.5' CLAY: grayish Orange 10YR 7/4, moist, firm medium Plasticity, silty, minor fine Sand		DR	18"	4 5 8			PP = 1

RUST ENVIRONMENT & INFRASTRUCTURE

TEST BORING LOG

BOREHOLE NO: _____
WELL NO: MW-14R

PAGE 1 OF 1

PROJECT NAME: ANC	PROJECT NUMBER: 35195.700
CLIENT: American National Can	DRILL CONTRACTOR: Bayland
DRILL RIG: Limited Access Portable	BOREHOLE DIAMETER: 7.5 Inch
SAMPLING METHOD: Split Spoon 18" x 2" 90 Lbs.	DEPTH TO WATER: 11.2 Ft.
START DATE: 10-3-95 9:30 / COMPLETION DATE: 10-3-95 15:30	TOTAL DEPTH: 24 Ft.
LOGGED BY: Max Shahbazian	APPROVED BY:
LOCATION:	SURFACE ELEVATION:

SOIL CLASS / GRAPHIC LOG	DESCRIPTION	DEPTH	MODE	RECOVERY	BLOW COUNT RQD	SAMPLE NO.	PID READING (ppm)	REMARKS
GM	___ FILL ___ 0'-3' SILTY GRAVELS: grayish Orange 10YR 7/4, dry, loose, Sandy		HA					PP=1
CL	3'-6.5' SILTY CLAY: grayish black N2, damp, firm, med. Plasticity ___ ALLUVIUM ___	6	DR	18"	4 7 8			PP=2
ML	6.5'-14' SILT: light olive gray 5Y 5/2, damp, very stiff, fine gravels, angular to rounded from 10'-14' it is mottled with dark yellowish Orange 10YR 6/6 silt, stiff, fine grained sand, clayey.		HA					
		10	DR	18"	4 4 4	MW-14R		PP=1.5
GM	14'-23.5' SILTY GRAVELS: black, Saturated, loose, in lenses of light Olive gray and dark yellowish orange clay, Sandy.		HA					
		16	DR	18"	6 7 12			▽ Water first encountered at 16'
	at 22' sand and gravel in light olive gray clayey matrix · gravels angular to rounded, Saturated, loose to dense.		HA					
		22	DR	12"	7 9 15			

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RUST ENVIRONMENT & INFRASTRUCTURE

TEST BORING LOG

BOREHOLE NO: _____
WELL NO: SRMP-3

PAGE 1 OF 1

PROJECT NAME: ANC	PROJECT NUMBER: 35195.700
CLIENT: American National Can	DRILL CONTRACTOR: West Hazmat
DRILL RIG: CME-75	BOREHOLE DIAMETER: 7.5"
SAMPLING METHOD: Split Spoon 18"x2"	DEPTH TO WATER: 12.02 ft.
START DATE: 9-27-95 9:00 / COMPLETION DATE: 9-27-95 10:40	TOTAL DEPTH: 25 Ft.
LOGGED BY: Max Shahbazian	APPROVED BY:
LOCATION:	SURFACE ELEVATION:

SOIL CLASS/ GRAPHIC LOG	DESCRIPTION	DEPTH	MODE	RECOVERY	BLOW COUNT RQD	SAMPLE NO.	PID READING (ppm)	REMARKS
	FILL							
	0'-4' CLAYEY GRAVELS: Light brown 5YR 6/4, dry, silty, Sandy							
	ALLUVIUM							
GC	4'-10.5' CLAYEY GRAVEL: moderate brown, 5YR 4/4, damp, Sandy, silty	5	DR	0	20 19 17			No Sample recovered at 5'
			HA					
GM	10.5'-13' SILTY GRAVELS: Olive gray 5Y 3/2, damp to moist, loose, Sandy	10	DR	12"	3 3 6	SRMP-3		
			HA					
ML	13'-17' SILT: grayish Orange 10YR 7/4, Saturated, soft to firm, Sandy, clayey	15	DR	18"	3 5 8			▽ water first encountered at 14 ft. PP=0.5
			HA					
		20	DR	0				No Sample recovered at 20 Ft.

F 1001

RUST ENVIRONMENT & INFRASTRUCTURE

TEST BORING LOG

BOREHOLE NO: _____
WELL NO: SRMP-1

PROJECT NAME: ANC	PROJECT NUMBER: 35195.700
CLIENT: American National Can	DRILL CONTRACTOR: West Hazmat
DRILL RIG: CME-75	BOREHOLE DIAMETER: 7.5"
SAMPLING METHOD: Split Spoon 18"x2"	DEPTH TO WATER: 11.02
START DATE: 9-28-95 / COMPLETION DATE: 9-28-95	TOTAL DEPTH: 22 Ft.
LOGGED BY: Max Shahbazian	APPROVED BY:
LOCATION:	SURFACE ELEVATION:

SOIL CLASS / GRAPHIC LOG	DESCRIPTION	DEPTH	MODE	RECOVERY	BLOW COUNT ROD	SAMPLE NO.	PID READING (ppm)	REMARKS
SP	—— FILL —— 0-8' GRAVELLY SAND: Pale yellowish brown 10YR 6/2, dry. loose, silty, pieces of Concrete.	5	HA					Concrete, No sample recovered at 5'
	—— ALLUVIUM —— 8-10' SILT: dark yellowish Orange 10YR6/6, damp, stiff, Sandy, clayey.		DR	0				
ML			HA					
			DR	18"	5 7 12			PP=1.5
	10-13' SAND: grayish orange 10YR 7/4, moist, medium dense fine grained, silty.	10	HA					
SM			DR	18"	9 12 15	SRM P-1		
	13-19' SILT: grayish orange 10YR 7/4, Wet, firm, very fine sand.		HA					▽ water first encountered at 13'
		15	DR	18"	6 6 11			PP=0.7
	19-22' CLAY: grayish Orange 10YR 7/4, moist, firm, med. plasticity, minor Pea gravels.		HA					
		20	DR	18"	11 13 20			PP=0.6
			HA					

F 1001

RUST ENVIRONMENT & INFRASTRUCTURE

TEST BORING LOG

BOREHOLE NO: _____
WELL NO: SRMP-2

PAGE 1 OF 1

PROJECT NAME: ANC	PROJECT NUMBER: 35195.700
CLIENT: American National Can	DRILL CONTRACTOR: West Hazmat
DRILL RIG: CME-75	BOREHOLE DIAMETER: 7.5"
SAMPLING METHOD: Split Spoon 18"x2"	DEPTH TO WATER: 9.81 Ft.
START DATE: 9-27-95 11:00	COMPLETION DATE: 9-27-95 13:00
TOTAL DEPTH: 23 Ft.	
LOGGED BY: Max Shahbazian	APPROVED BY:
LOCATION:	SURFACE ELEVATION:

SOIL CLASS / GRAPHIC LOG	DESCRIPTION	DEPTH	MODE	RECOVERY	BLOW COUNT ROD	SAMPLE NO.	PID READING (ppm)	REMARKS
GC	— FILL — 0'-3' CLAYEY GRAVEL: grayish orange 10YR 7/4, dry, loose		HA					
	— ALLUVIUM —							
CL	3'-9' CLAY: dusky brown 5YR 2/2, damp, firm, med. plasticity, sandy, gravelly.	5	DR	0	9 5 6			PP=1 No Sample at 5 ft. Concrete in Sampler.
			HA					
ML	9'-13.5' SILT: dark yellowish orange 10YR 6/6, wet firm, Sandy, clayey, black organic matter, minor pea gravel	10	DR	18"	7 3 4			PP=1 ▽ water first encountered at 11 ft.
			HA					
GC	13.5'-18' CLAYEY GRAVEL: dark yellowish orange 10YR 6/6, Saturated, med. dense, silty pea gravels.	15	DR	18"	17 21 34			
			HA					
CL	18-21.5' CLAY: grayish orange 10YR 7/4, Saturated, Stiff, coarse Sand, fine gravels, silty.	20	DR	18"	8 11 14			PP=1.5
			HA					

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RUST ENVIRONMENT & INFRASTRUCTURE

TEST BORING LOG

BOREHOLE NO: _____
WELL NO: SRMP-4

PAGE 1 OF 1

PROJECT NAME: ANC	PROJECT NUMBER: 35195.700
CLIENT: American National Can	DRILL CONTRACTOR: West Hazmat
DRILL RIG: CME-75	BOREHOLE DIAMETER: 7.5"
SAMPLING METHOD: Split Spoon 18"x2"	DEPTH TO WATER: 10.76
START DATE: 9-27-95 13:30 / COMPLETION DATE: 9-27-95 15:40	TOTAL DEPTH: 25 Ft.
LOGGED BY: Max Shahbazian	APPROVED BY:
LOCATION:	SURFACE ELEVATION:

SOIL CLASS / GRAPHIC LOG	DESCRIPTION	DEPTH	MODE	RECOVERY	BLOW COUNT ROD	SAMPLE NO.	PID READING (ppm)	REMARKS
GC	— FILL — 0'-1' Asphalt Pavement 1'-5' CLAYEY GRAVELS: grayish Orange 10YR 7/4, dry, loose, sandy — ALLUVIUM —		HA					
CL	5'-8' CLAY: dusky brown 5YR 2/2 and olive gray 5Y 3/2, damp, stiff, sandy, gravelly	5	DR	6"	5 12 9			PP=1
ML	8'-18' SILT: moderate yellow brown 10YR 5/4, damp, firm sandy, clayey. from 10'-1' Coarse gravelsand Sand in SILT from 15-18' minor Pea gravels in soft clayey SILT	10	HA					
			DR	18"	11 28 23	SRM P-4		PP=1
		15	HA					
			DR	18"	3 4 7			PP=0.5 ▽ water first encountered at 16 Ft.
GM	18'-21.5' SILTY GRAVELS: moderate yellowish brown 10YR 5/4, moist to wet, medium dense, Coarse to medium-grained sand	20	HA					
			DR	18"	9 14 27			
			HA					

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RUST ENVIRONMENT & INFRASTRUCTURE

TEST BORING LOG

BOREHOLE NO: _____
WELL NO: TW-1R

PAGE 1 OF 1

PROJECT NAME: ANC	PROJECT NUMBER: 35195.700
CLIENT: American National Can	DRILL CONTRACTOR: West Hazmat
DRILL RIG: CME-75	BOREHOLE DIAMETER: 7.5"
SAMPLING METHOD: Split Spoon 18"x2"	DEPTH TO WATER: 11.53
START DATE: 9-28-95 11:50 / COMPLETION DATE: 9-28-95 14:00	TOTAL DEPTH: 20 Ft.
LOGGED BY: Max Shahbazian	APPROVED BY:
LOCATION:	SURFACE ELEVATION:

SOIL CLASS / GRAPHIC LOG	DESCRIPTION	DEPTH	MODE	RECOVERY	BLOW COUNT RQD	SAMPLE NO.	PID READING (ppm)	REMARKS
GC	FILL 0-6.5' CLAYEY GRAVELS: dark yellowish orange 10YR 6/6, dry, loose, sandy, silty	5	DR	18"	6 10 18			
CL	ALLUVIUM 6.5'-12' CLAY: yellowish Orange 10YR 6/6, moist, firm, sand and gravel. becomes wet at 12 ft.	10	DR	0"	3 4 7	TW-1R		No sample at 10ft, due to a rock in the Sampler Shoe. ▽ Water first encountered at 12 Ft.
GC	12-13' CLAYEY GRAVELS: Olive gray 5Y 3/2, wet, very loose		HA					
SP	13'-20' SAND: grayish olive 10Y 4/2, Saturated, loose, with olive gray gravels. color changes to mod. yellow brown at 20Ft., becomes coarse grained, fine gravels, minor clay. color 10YR 5/4, med. dense	15	DR	18"	3 5 6			
				18"	8 12 14			
		20	DR	18"	15 11 9			

F 1001

APPENDIX B

State of California Well Completion Reports

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

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WELL COMPLETION REPORT
(WELL LOGS)

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(WELL LOGS)

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STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

APPENDIX D

Laboratory Analytical Reports

RUST ENVIRONMENT & INFRASTRUCTURE

Well Development
(Must Have Well Construction Diagrams)

Well No. (MW-1R)

Date: 10 / 5 / 95

Mon. Tues. Weds. (Thurs.) Fri.

Site: ANC

Weather: Sunny & Hot

Project No.: 35195-700

Development Method: Pumped ☐ Bailed ☐

Other:

Pump Type:

Bailer Type: Polyethylene Bailer 1.5" x 3 ft.

Volume Calculation: 25 - 13.69 = 11.31 x 0.163 = 1.84 gal

(D.T.B. – D.T.W. x vol./ft. = PVC/well volume) + (N* x H* x Annulus vol./ft.) = Total Well Volume

* (Wells that cannot be purged dry, 10x's the Total Well Volume must be purged)
(Wells that can be purged dry, slowly removing water, without surging until dry)

Time	Depth to Water (D.T.W.)	Depth to Bottom (D.T.B.)	Volume Removed (gal.)	pH	Cond.	Temp.	Color	Odor Y/N	Turbidity
12:47	13.69	25.							
13:00			5	6.71	210	21.8	Clear	N	220
13:33	23.16		12	6.69	200	22	light Yellow Brown	N	949
13:43	23.10		15	6.60	200	21	"	N	1160

Comments: water & well depths measured from Top of PVC casing. PH meter has problem measurements not accurate

*N = porosity of filter pack
*H = length of filter pack or length of saturated filter pack (water level within screen length)
* = A 30–minute surge and purge before the 10x's the Total Well Volume

Annulus	vol./ft.
4"	0.42
6"	1.24
8"	2.38
10"	3.85

Inside Diameter	vol./ft.
1"	0.04
1.25"	0.06
2"	0.16
4"	0.65

HNu/PPM	LEL/%	O2/%	H2S/PPM	CO/PPM	

Signature: Mark Shahlayeian

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RUST ENVIRONMENT & INFRASTRUCTURE

Well Development
(Must Have Well Construction Diagrams)

Well No. (MW-9R)

Date: 10 / 6 / 95
Mon. Tues. Weds. Thurs. (Fri.)

Site: ANC

Weather: Sunny / Warm

Project No.: 35195-700

Development Method: Pumped ☐ Bailed ☒

Other:

Pump Type:

Bailer Type: poly 1 liter

Volume Calculation: 25.10 − 11.55 = 13.55 × 0.163 = 2.20 gal

(D.T.B. – D.T.W. x vol./ft. = PVC/well volume) + (N* x H* x Annulus vol./ft.) = Total Well Volume
* (Wells that cannot be purged dry, 10x's the Total Well Volume must be purged)
(Wells that can be purged dry, slowly removing water, without surging until dry)

Time	Depth to Water (D.T.W.)	Depth to Bottom (D.T.B.)	Volume Removed (gal.)	pH	Cond.	Temp.	Color	Odor Y/N	Turbidity
12:00	11.55	25.1							
12:30			2	7.00	1050	21.1	Yellow Brown	N	59
12:54	11.90		11	6.96	1000	20.0	"	N	239
13:30	11.60		21	6.98	1000	20.7	"	N	560
13:56	11.70		26	6.99	1000	20.0	"	N	670

Comments: Well & Water depths measured from top of PVC Casing

*N = porosity of filter pack
*H = length of filter pack or length of saturated filter pack (water level within screen length)
* = A 30–minute surge and purge before the 10x's the Total Well Volume

Signature: Max Shahbazian

Annulus	vol./ft.
4"	0.42
6"	1.24
8"	2.38
10"	3.85

Inside Diameter	vol./ft.
1"	0.04
1.25"	0.06
2"	0.16
4"	0.65

HNu/PPM	LEL/%	O₂/%	H₂S/PPM	CO/PPM	

RUST ENVIRONMENT & INFRASTRUCTURE

Well Development
(Must Have Well Construction Diagrams)

Well No. (MW-14R)

Date: 10 / 6 / 93

Mon. Tues. Weds. Thurs. (Fri.)

Site: ANC

Weather: Sunny, Mild

Project No.: 35195.702

Development Method: Pumped ☐ Bailed ☒

Other:

Pump Type:

Bailer Type: Poly 1.5" x 3 Ft. (1 liter)

Volume Calculation: 21.5 − 11.2 = 10.3 x 0.163 = 1.67 gal

(D.T.B. – D.T.W. x vol./ft. = PVC/well volume) + (N* x H* x Annulus vol./ft.) = Total Well Volume

* (Wells that cannot be purged dry, 10x's the Total Well Volume must be purged)
(Wells that can be purged dry, slowly removing water, without surging until dry)

Time	Depth to Water (D.T.W.)	Depth to Bottom (D.T.B.)	Volume Removed (gal.)	pH	Cond.	Temp.	Color	Odor Y/N	Turbidity
9:20	11.2	21.5							
10:03	-		1	7.45	1600	19.9	Yellow Brown	N	2.32
10:45	11.5		8	6.87	900	19.9	"	N	100
11:10			17	6.89	910	20.0	"	N	50
11:35	11.4		23	6.82	900	19.5	"	N	124

Comments: Well & water depths measured from the top of 2" PVC casing

*N = porosity of filter pack
*H = length of filter pack or length of saturated filter pack (water level within screen length)
* = A 30-minute surge and purge before the 10x's the Total Well Volume

Annulus	vol./ft.
4"	0.42
6"	1.24
8"	2.38
10"	3.85

Inside Diameter	vol./ft.
1"	0.04
1.25"	0.06
2"	0.16
4"	0.65

HNu/PPM	LEL/%	O2/%	H2S/PPM	CO/PPM	

Signature: Mark Shahbazian

RUST ENVIRONMENT & INFRASTRUCTURE

Well Development
(Must Have Well Construction Diagrams)

Well No. SRMP-1

Date: 10/5/95

Mon. Tues. Weds. Thurs. Fri.

Site: ANC

Weather: Sunny, hot

Project No.: 35195-700

Development Method: Pumped ☐ Bailed ☒ Other:

Pump Type:

Bailer Type: polyethylene 1.5" x 3 FT.

Volume Calculation: 22.20 - 11.02 = 11.18 x 0.163 = 1.82 gal

(D.T.B. – D.T.W. x vol./ft. = PVC/well volume) + (N* x H* x Annulus vol./ft.) = Total Well Volume

* (Wells that cannot be purged dry, 10x's the Total Well Volume must be purged)
(Wells that can be purged dry, slowly removing water, without surging until dry)

Time	Depth to Water (D.T.W.)	Depth to Bottom (D.T.B.)	Volume Removed (gal.)	pH	Cond.	Temp.	Color	Odor Y/N	Turbidity
14:16	11.02	22.20							
14:30	19.20		5	6.47	1600	21.7	light yellow	N	137
14:50	19.80		8	7.13	1500	21.00	light yellow	N	176
15:04	19.9		10	6.32	1250	20.3	"	N	180

Comments: well & water depths measured from top of 2" PVC casing. pH meter has problem. pH readings not accurate

*N = porosity of filter pack
*H = length of filter pack or length of saturated filter pack (water level within screen length)
* = A 30–minute surge and purge before the 10x's the Total Well Volume

Annulus	vol./ft.
4"	0.42
6"	1.24
8"	2.38
10"	3.85

Inside Diameter	vol./ft.
1"	0.04
1.25"	0.06
2"	0.16
4"	0.65

HNu/PPM	LEL/%	O2/%	H2S/PPM	CO/PPM	

Signature: Max Shahbazian

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RUST ENVIRONMENT & INFRASTRUCTURE

Well Development
(Must Have Well Construction Diagrams)

Well No. SRMP-2

Date: 10 / 5 / 95

Mon. Tues. Weds. (Thurs.) Fri.

Site: ANC

Weather: Sunny, Hot

Project No.: 35195.700

Development Method: Pumped ☐ Bailed ☒ Other: _____

Pump Type: None

Bailer Type: Polyethelyene 1.5" x 2 ft. (1 Lit

Volume Calculation: 21.74 − 9.81 = 11.93 x 0.163 = 1.94 gal

(D.T.B. – D.T.W. x vol./ft. = PVC/well volume) + (N* x H* x Annulus vol./ft.) = Total Well Volume

* (Wells that cannot be purged dry, 10x's the Total Well Volume must be purged)
(Wells that can be purged dry, slowly removing water, without surging until dry)

Time	Depth to Water (D.T.W.)	Depth to Bottom (D.T.B.)	Volume Removed (gal.)	pH	Cond.	Temp.	Color	Odor Y/N	Turbidity
11:18	9.81	21.74	10	6.67	800	20.2	yellow Brown	N	820
12:10			20	6.71	750	20.5	"	"	796
12:20	9.85		25	663	750	20.8			843

Comments: Water & well depths measured from Top of PVC Casing. PH measurements are not accurate. meter Problem

Annulus	vol./ft.
4"	0.42
6"	1.24
8"	2.38
10"	3.85

Inside Diameter	vol./ft.
1"	0.04
1.25"	0.06
2"	0.16
4"	0.65

*N = porosity of filter pack
*H = length of filter pack or length of saturated filter pack (water level within screen length)
* = A 30–minute surge and purge before the 10x's the Total Well Volume

HNu/PPM	LEL/%	O2/%	H2S/PPM	CO/PPM	

Signature: [signature]

RUST ENVIRONMENT & INFRASTRUCTURE

Well Development
(Must Have Well Construction Diagrams)

Well No. (SRMP-3)

Date: 10 / 5 / 95

Mon. Tues. Weds. (Thurs.) Fri.

Site: ANC

Weather: Sunny, Hot

Project No.: 35195-700

Development Method: Pumped ☐ Bailed ☒ Other: _____

Pump Type: None

Bailer Type: Polyethylene 1.5 , 3 Ft.

Volume Calculation: 22.11 - 12 = 10 x 0.16 = 1.6 gal

(D.T.B. – D.T.W. x vol./ft. = PVC/well volume) + (N* x H* x Annulus vol./ft.) = Total Well Volume

* (Wells that cannot be purged dry, 10x's the Total Well Volume must be purged)
(Wells that can be purged dry, slowly removing water, without surging until dry)

Time	Depth to Water (D.T.W.)	Depth to Bottom (D.T.B.)	Volume Removed (gal.)	pH	Cond.	Temp.	Color	Odor Y/N	Turbidity
9:48	12.02	22.11							
10:20			15	7.08	1000	19.8	yellow Brown	N	107
10:35			20	7.11	1025	19.7			223
10:45	12:07		23	7.28	1000	20			1010
			25	7.31	1000	20			807

Comments: Water & well depths measured from top of PVC Casing PH measurements not accurate, meter Problem

*N = porosity of filter pack
*H = length of filter pack or length of saturated filter pack (water level within screen length)
* = A 30-minute surge and purge before the 10x's the Total Well Volume

Annulus	vol./ft.
4"	0.42
6"	1.24
8"	2.38
10"	3.85

Inside Diameter	vol./ft.
1"	0.04
1.25"	0.06
2"	0.16
4"	0.65

HNu/PPM	LEL/%	O2/%	H2S/PPM	CO/PPM	

Signature: Max Ahadlazan

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RUST ENVIRONMENT & INFRASTRUCTURE

Well Development
(Must Have Well Construction Diagrams)

Well No. (SRMP-4)

Date: 10 / 6 / 95

Mon. Tues. Weds. Thurs. (Fri.)

Site: ANC

Weather: Sunny, Warm

Project No.: 35195-700

Development Method: Pumped ☐ Bailed ☒ Other:

Pump Type:

Bailer Type: 1 Liter polyethylene

Volume Calculation: 24.9 - 10.76 = 14.14 x 0.163 = 2.30 gal.

(D.T.B. – D.T.W. x vol./ft. = PVC/well volume) + (N* x H* x Annulus vol./ft.) = Total Well Volume
* (Wells that cannot be purged dry, 10x's the Total Well Volume must be purged)
(Wells that can be purged dry, slowly removing water, without surging until dry)

Time	Depth to Water (D.T.W.)	Depth to Bottom (D.T.B.)	Volume Removed (gal.)	pH	Cond.	Temp.	Color	Odor Y/N	Turbidity
14:45	10.76	24.9	0.25	6.71	900	19.6	light yellow Brown	N	1040
15:22	10.90		5	6.78	950	20.00	Yellow Brown	N	165
15:45	10.90		15	6.80	1000	19.9	"	N	990
16:19	10.85		25	6.82	950	19.1	light Yellow Brown	N	1145

Comments: well & water depths measured from top of PVC casing

*N = porosity of filter pack
*H = length of filter pack or length of saturated filter pack (water level within screen length)
* = A 30-minute surge and purge before the 10x's the Total Well Volume

Annulus	vol./ft.
4"	0.42
6"	1.24
8"	2.38
10"	3.85

Inside Diameter	vol./ft.
1"	0.04
1.25"	0.06
2"	0.163
4"	0.65

HNu/PPM	LEL/%	O2/%	H2S/PPM	CO/PPM	

Signature:

RUST ENVIRONMENT & INFRASTRUCTURE

Well Development
(Must Have Well Construction Diagrams)

Well No. (TW-1R)

Date: 10 / 5 / 95

Mon. Tues. Weds. (Thurs.) Fri.

Site: ANC

Weather: Sunny, Hot

Project No.: 35195.700

Development Method: Pumped ☐ Bailed ☒ Other:

Pump Type:

Bailer Type: Polyethylene 1.5"x3Ft.

Volume Calculation: 19.85 - 11.53 = 8.32 x 0.163 = 1.35 gal

(D.T.B. – D.T.W. x vol./ft. = PVC/well volume) + (N* x H* x Annulus vol./ft.) = Total Well Volume

* (Wells that cannot be purged dry, 10x's the Total Well Volume must be purged)
(Wells that can be purged dry, slowly removing water, without surging until dry)

Time	Depth to Water (D.T.W.)	Depth to Bottom (D.T.B.)	Volume Removed (gal.)	pH	Cond.	Temp.	Color	Odor Y/N	Turbidity
15:15	11.53	19.85							
15:43			10	6.43	700	22.2	gray Brown	N	
15:54	11.79		20	6.43	750	21.6	"	N	

Comments: well & water level depths measured from top of PVC casing. PH measurements are not accurate meter problem

*N = porosity of filter pack
*H = length of filter pack or length of saturated filter pack (water level within screen length)
* = A 30-minute surge and purge before the 10x's the Total Well Volume

Annulus	vol./ft.
4"	0.42
6"	1.24
8"	2.38
10"	3.85

Inside Diameter	vol./ft.
1"	0.04
1.25"	0.06
2"	0.16
4"	0.65

HNu/PPM	LEL/%	O2/%	H2S/PPM	CO/PPM	

Signature: Nora Shahbazian

APPENDIX D

Laboratory Analytical Reports

Sequoia Analytical

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

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

Attention: Richard Burzinski

Client Proj. ID: 35195.700/ANC

Lab Proj. ID: 9510E58

Sampled: 10/19/95
Received: 10/19/95
Analyzed: see below

Reported: 11/01/95

LABORATORY ANALYSIS

Analyte	Units	Date Analyzed	Detection Limit	Sample Results
Lab No: 9510E58-01				
Sample Desc : **LIQUID,TW-IR**				
Lead	mg/L	10/24/95	0.10	N.D.
Zinc	**mg/L**	**10/24/95**	**0.010**	**0.79**
Lab No: 9510E58-02				
Sample Desc : **LIQUID,SRMP-1**				
Lead	mg/L	10/24/95	0.10	N.D.
Zinc	**mg/L**	**10/24/95**	**0.010**	**0.081**

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

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

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

Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 10/19/95
695 River Oaks Parkway	Sample Descript: TW-IR	Received: 10/19/95
San Jose, CA 95134	Matrix: LIQUID	Extracted: 10/27/95
	Analysis Method: EPA 8015 Mod	Analyzed: 10/30/95
Attention: Richard Burzinski	Lab Number: 9510E58-01	Reported: 11/01/95

QC Batch Number: GC1027950HBPEXZ
Instrument ID: GCHP4B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	50	1100
Chromatogram Pattern:		DIESEL

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

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

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

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

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

Attention: Richard Burzinski

Client Proj. ID: 35195.700/ANC
Sample Descript: TW-IR
Matrix: LIQUID
Analysis Method: EPA 8020
Lab Number: 9510E58-01

Sampled: 10/19/95
Received: 10/19/95

Analyzed: 10/27/95
Reported: 11/01/95

QC Batch Number: GC102795BTEX17B
Instrument ID: GCHP17

BTEX Distinction

Analyte	Detection Limit ug/L	Sample Results ug/L
Benzene	1.0	N.D.
Toluene	1.0	N.D.
Ethyl benzene	1.0	N.D.
Xylenes (Total)	1.0	N.D.

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	71

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

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

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

Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 10/19/95
695 River Oaks Parkway	Sample Descript: SRMP-1	Received: 10/19/95
San Jose, CA 95134	Matrix: LIQUID	Extracted: 10/27/95
	Analysis Method: EPA 8015 Mod	Analyzed: 10/30/95
Attention: Richard Burzinski	Lab Number: 9510E58-02	Reported: 11/01/95

QC Batch Number: GC1027950HBPEXZ
Instrument ID: GCHP4B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	**50**	**87**
Chromatogram Pattern:		
Unidentified HC		**C9-C24**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	86

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

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

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

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

Attention: Richard Burzinski

Client Proj. ID: 35195.700/ANC
Sample Descript: SRMP-1
Matrix: LIQUID
Analysis Method: EPA 8020
Lab Number: 9510E58-02

Sampled: 10/19/95
Received: 10/19/95

Analyzed: 10/25/95
Reported: 11/01/95

QC Batch Number: GC102595BTEX17A
Instrument ID: GCHP17

BTEX Distinction

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

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	89

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

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

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

Rust E&I	Client Proj. ID: 35195.700/ANC	Received: 10/19/95
695 River Oaks Parkway		
San Jose, CA 95134	Lab Proj. ID: 9510E58	Reported: 11/01/95
Attention: Richard Burzinski		

LABORATORY NARRATIVE

BTEX Note: Sample TW-1R had to be diluted due to the high diesel concentration.

SEQUOIA ANALYTICAL

Todd Olive
Project Manager

Sequoia Analytical

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

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

Client Project ID: 35195.700/ANC
Matrix: Liquid
Work Order #: 9510E58 01, 02

Reported: Nov 1, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Beryllium	Cadmium	Chromium	Nickel
QC Batch#:	ME1023956010MDB	ME1023956010MDB	ME1023956010MDB	ME1023956010MDB
Analy. Method:	EPA 6010	EPA 6010	EPA 6010	EPA 6010
Prep. Method:	EPA 3010	EPA 3010	EPA 3010	EPA 3010
Analyst:	C. Medefesser	C. Medefesser	C. Medefesser	C. Medefesser
MS/MSD #:	9510E4601	9510E4601	9510E4601	9510E4601
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	10/23/95	10/23/95	10/23/95	10/23/95
Analyzed Date:	10/24/95	10/24/95	10/24/95	10/24/95
Instrument I.D.#:	MTJA2	MTJA2	MTJA2	MTJA2
Conc. Spiked:	1.0 mg/L	1.0 mg/L	1.0 mg/L	1.0 mg/L
Result:	1.0	1.0	0.99	0.98
MS % Recovery:	100	100	99	98
Dup. Result:	1.1	1.0	1.0	1.0
MSD % Recov.:	110	100	100	100
RPD:	9.5	0.0	1.0	2.0
RPD Limit:	0-30	0-30	0-30	0-30
LCS #:	BLK102395	BLK102395	BLK102395	BLK102395
Prepared Date:	10/23/95	10/23/95	10/23/95	10/23/95
Analyzed Date:	10/24/95	10/24/95	10/24/95	10/24/95
Instrument I.D.#:	MTJA2	MTJA2	MTJA2	MTJA2
Conc. Spiked:	1.0 mg/L	1.0 mg/L	1.0 mg/L	1.0 mg/L
LCS Result:	1.1	1.1	1.0	1.0
LCS % Recov.:	110	110	100	100
MS/MSD LCS Control Limits	75-125	75-125	75-125	75-125

SEQUOIA ANALYTICAL

Todd Olive
Project Manager

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

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

Sequoia Analytical

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

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

Client Project ID: 35195.700/ANC
Matrix: Liquid
Work Order #: 9510E58 01

Reported: Nov 1, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC102795BTEX17B	GC102795BTEX17B	GC102795BTEX17B	GC102795BTEX17B
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	J. Woo	J. Woo	J. Woo	J. Woo
MS/MSD #:	9510F4001	9510F4001	9510F4001	9510F4001
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	10/27/95	10/27/95	10/27/95	10/27/95
Analyzed Date:	10/27/95	10/27/95	10/27/95	10/27/95
Instrument I.D.#:	GCHP17	GCHP17	GCHP17	GCHP17
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	8.8	8.6	8.7	26
MS % Recovery:	88	86	87	87
Dup. Result:	8.6	8.5	8.5	25
MSD % Recov.:	86	85	85	83
RPD:	2.3	1.2	2.3	3.9
RPD Limit:	0-50	0-50	0-50	0-50
LCS #:	BLK102795	BLK102795	BLK102795	BLK102795
Prepared Date:	10/27/95	10/27/95	10/27/95	10/27/95
Analyzed Date:	10/27/95	10/27/95	10/27/95	10/27/95
Instrument I.D.#:	GCHP17	GCHP17	GCHP17	GCHP17
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
LCS Result:	10	10	10	31
LCS % Recov.:	100	100	100	103
MS/MSD LCS Control Limits	71-133	72-128	72-130	71-120

SEQUOIA ANALYTICAL

Todd Olive
Project Manager

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

Sequoia Analytical

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

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

Client Project ID: 35195.700/ANC
Matrix: Liquid
Work Order #: 9510E58 02

Reported: Nov 1, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC102595BTEX17A	GC102595BTEX17A	GC102595BTEX17A	GC102595BTEX17A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	B. Sullivan	B. Sullivan	B. Sullivan	B. Sullivan
MS/MSD #:	9510E7202	9510E7202	9510E7202	9510E7202
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	10/25/95	10/25/95	10/25/95	10/25/95
Analyzed Date:	10/25/95	10/25/95	10/25/95	10/25/95
Instrument I.D.#:	GCHP17	GCHP17	GCHP17	GCHP17
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	8.8	8.8	8.7	26
MS % Recovery:	88	88	87	87
Dup. Result:	9.1	9.1	9.0	27
MSD % Recov.:	91	91	90	90
RPD:	3.4	3.4	3.4	3.4
RPD Limit:	0-50	0-50	0-50	0-50
LCS #:	BLK102595	BLK102595	BLK102595	BLK102595
Prepared Date:	10/25/95	10/25/95	10/25/95	10/25/95
Analyzed Date:	10/25/95	10/25/95	10/25/95	10/25/95
Instrument I.D.#:	GCHP17	GCHP17	GCHP17	GCHP17
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
LCS Result:	9.5	9.5	9.4	28
LCS % Recov.:	95	95	94	93
MS/MSD LCS Control Limits	71-133	72-128	72-130	71-120

SEQUOIA ANALYTICAL

Todd Olive
Project Manager

Please Note:
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Sequoia Analytical

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

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

Client Project ID: 35195.700/ANC
Matrix: Liquid
Work Order #: 9510E58 01, 02

Reported: Nov 1, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Diesel
QC Batch#:	GC1027950HBPEXZ
Analy. Method:	EPA 8015 Mod.
Prep. Method:	EPA 3510
Analyst:	J. Minkel
MS/MSD #:	BLK102795
Sample Conc.:	N.D.
Prepared Date:	10/27/95
Analyzed Date:	10/29/95
Instrument I.D.#:	GCHP4B
Conc. Spiked:	1000 µg/L
Result:	720
MS % Recovery:	72
Dup. Result:	770
MSD % Recov.:	77
RPD:	6.7
RPD Limit:	0-50

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

MS/MSD LCS Control Limits	38-122

SEQUOIA ANALYTICAL

Todd Olive
Project Manager

Please Note:
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RUST **Rust Environment & Infrastructure**

Chain of Custody Record

9510ES8

Custody Seal #	RUST E&I Cooler #

Project Number	Project Name/Client
35195.700	ANC

Sample Custodian: (Signature)
James M Dawson

Item No.	Sample Description (Field ID Number)	Date	Time	Grab	Comp.	PID Reading (ppm)	Label Number	Analysis Required: 8015 TPH-d	Analysis Required: 8015 TPH-g	Analysis Required: 8020 BTEX	Analysis Required: 6010 TOTAL LEAD	Analysis Required: 6010 TOTAL ZINC	Matrix: Sample Type: WATER	Matrix: Sample Container: (4oz) 40ml VOA	Matrix: Sample Container: 1 Ltr Amber	Matrix: Sample Container: (Amber) 1/2 Ltr Plastic
1	TW-1R	10-19-95	1440	X			1	X	X	X	X	X	X	3	1	2
2	SRMP-1	10-19-95	1430	X			2	X	X	X	X	X	X	3	1	2
3																
4																
5																
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17																
18																
19																
20																

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Disposed of by: (Signature)	Items:	Date/Time
James M. Dawson	10-18-95 1632				
Relinquished by: (Signature)	**Date/Time**	**Received by: (Signature) [Laboratory]**	**Disposed of by: (Signature)**	**Items:**	**Date/Time**
		1632 10/19/95			

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

Sequoia Analytical

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

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

Attention: Richard Burzinski

Client Proj. ID: 35195.700/ANC

Lab Proj. ID: 9510H02

Sampled: 10/24/95
Received: 10/24/95
Analyzed: see below

Reported: 11/06/95

LABORATORY ANALYSIS

Analyte	Units	Date Analyzed	Detection Limit	Sample Results
Lab No: 9510H02-01				
Sample Desc : **LIQUID, MW-13**				
Lead	**mg/L**	**10/25/95**	**0.10**	**3.8**
Zinc	**mg/L**	**10/25/95**	**0.010**	**16**

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

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

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

Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 10/24/95
695 River Oaks Parkway	Sample Descript: MW-13	Received: 10/24/95
San Jose, CA 95134	Matrix: LIQUID	Extracted: 10/31/95
	Analysis Method: EPA 8015 Mod	Analyzed: 11/05/95
Attention: Richard Burzinski	Lab Number: 9510H02-01	Reported: 11/06/95

QC Batch Number: GC1031950HBPEXY
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	50	**340**
Chromatogram Pattern:		
Unidentified HC		**C9-C24**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	130

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

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

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

Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 10/24/95
695 River Oaks Parkway	Sample Descript: MW-13	Received: 10/24/95
San Jose, CA 95134	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 10/31/95
Attention: Richard Burzinski	Lab Number: 9510H02-01	Reported: 11/06/95

QC Batch Number: GC103195BTEX21A
Instrument ID: GCHP21

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

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

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	76

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

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

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

Client Project ID: 35195.700/ANC
Matrix: Liquid
Work Order #: 9510H02 -01
Reported: Nov 7, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Beryllium	Cadmium	Chromium	Nickel	Diesel
QC Batch#:	ME1025956010MDA	ME1025956010MDA	ME1025956010MDA	ME1025956010MDA	GC1031950HBPEXY
Analy. Method:	EPA 6010	EPA 6010	EPA 6010	EPA 6010	EPA 8015M
Prep. Method:	EPA 3010	EPA 3010	EPA 3010	EPA 3010	EPA 3520
Analyst:	S. O'Donnell	S. O'Donnell	S. O'Donnell	S. O'Donnell	B. Ali
MS/MSD #:	9510G7401	9510G7401	9510G7401	9510G7401	9510K3704
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	160
Prepared Date:	10/25/95	10/25/95	10/25/95	10/25/95	10/31/95
Analyzed Date:	10/25/95	10/25/95	10/25/95	10/25/95	11/3/95
Instrument I.D.#:	MTJA2	MTJA2	MTJA2	MTJA2	GCHP5A
Conc. Spiked:	1.0 mg/L	1.0 mg/L	1.0 mg/L	1.0 mg/L	1000 µg/L
Result:	1.0	0.96	0.97	0.95	1300
MS % Recovery:	100	96	97	95	114
Dup. Result:	1.0	0.98	1.0	0.99	1200
MSD % Recov.:	100	98	100	99	104
RPD:	0.0	2.1	3.0	4.1	8.0
RPD Limit:	0-30	0-30	0-30	0-30	0-50
LCS #:	BLK102595	BLK102595	BLK102595	BLK102595	BLK103195
Prepared Date:	10/25/95	10/25/95	10/25/95	10/25/95	10/31/95
Analyzed Date:	10/25/95	10/25/95	10/25/95	10/25/95	11/3/95
Instrument I.D.#:	MTJA2	MTJA2	MTJA2	MTJA2	GCHP5A
Conc. Spiked:	1.0 mg/L	1.0 mg/L	1.0 mg/L	1.0 mg/L	1000 µg/L
LCS Result:	1.1	1.0	1.0	1.0	1100
LCS % Recov.:	110	100	100	100	110
MS/MSD LCS Control Limits	75-125	75-125	75-125	75-125	38-122

SEQUOIA ANALYTICAL

Todd Olive
Project Manager

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

Client Project ID: 35195.700/ANC
Matrix: Liquid
Work Order #: 9510H02-01

Reported: Nov 7, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC103195BTEX21A	GC103195BTEX21A	GC103195BTEX21A	GC103195BTEX21A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	B. Sullivan	B. Sullivan	B. Sullivan	B. Sullivan
MS/MSD #:	9510F4003	9510F4003	9510F4003	9510F4003
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	10/31/95	10/31/95	10/31/95	10/31/95
Analyzed Date:	10/31/95	10/31/95	10/31/95	10/31/95
Instrument I.D.#:	GCHP21	GCHP21	GCHP21	GCHP21
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	10	10	10	31
MS % Recovery:	100	100	100	103
Dup. Result:	10	10	10	30
MSD % Recov.:	100	100	100	100
RPD:	0.0	0.0	0.0	3.3
RPD Limit:	0-50	0-50	0-50	0-50
LCS #:	BLK103195	BLK103195	BLK103195	BLK103195
Prepared Date:	10/31/95	10/31/95	10/31/95	10/31/95
Analyzed Date:	10/31/95	10/31/95	10/31/95	10/31/95
Instrument I.D.#:	GCHP21	GCHP21	GCHP21	GCHP21
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
LCS Result:	10	9.9	10	30
LCS % Recov.:	100	99	100	100
MS/MSD LCS Control Limits	71-133	72-128	72-130	71-120

SEQUOIA ANALYTICAL

Todd Olive
Project Manager

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

9510H02

Custody Seal #	RUST E&I Cooler #

Project Number	Project Name/Client
35195.700	ANC

Sample Custodian: (Signature)
Mark Shahbazian

Item No.	Sample Description (Field ID Number)	Date	Time	Grab	Comp.	PID Reading (ppm)	Label Number	Analysis Required: LUFT TPH-D	LUFT/BTEX	Total Lead 6010	Total Zinc 6010	Matrix: Sample Type: Water	Sample Container: 40ml. VOA HCl	1 Ltr. Amber	1 Ltr. Plastic HNO3
1	MW-13	10.24.95	1330	✓			91	+	+	+	+	X	3	1	2
2				✓											
3															
4															
5															
6															
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18															
19															
20															

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Disposed of by: (Signature)	Items:	Date/Time
Mark Shahbazian	10.24.95 1645				
Relinquished by: (Signature)	Date/Time	Received by: (Signature) [Laboratory]	Disposed of by: (Signature)	Items:	Date/Time
		10/24/95 1645			

Send Lab Results To:
Richard Burzinski
RUST E&I
San Jose, CA

Remarks: STANDARD TAT and QA/QC

Federal Express Airbill No.:
Lab:

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

Laboratory Receiving Notes:
Custody Seal Intact? NO
Temp. of Shipping Container: 14°C
Sample Condition: Good

Page 1 of 1 — White Copy - Lab — Yellow Copy - File — Pink Copy - Client

Sequoia Analytical

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

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

Attention: Richard Burzinski

Client Proj. ID: Proj. #35195.700/ANC

Lab Proj. ID: 9512193

Sampled: 12/04/95
Received: 12/05/95
Analyzed: see below

Reported: 12/06/95

LABORATORY ANALYSIS

Analyte	Units	Date Analyzed	Detection Limit	Sample Results
Lab No: 9512193-01				
Sample Desc : **LIQUID, MW-13F**				
Lead	mg/L	12/06/95	0.10	N.D.
Zinc	**mg/L**	**12/06/95**	**0.010**	**3.3**
Lab No: 9512193-02				
Sample Desc : **LIQUID, MW-13N**				
Lead	**mg/L**	**12/06/95**	**0.10**	**0.88**
Zinc	**mg/L**	**12/06/95**	**0.010**	**11**

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

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

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

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

Client Project ID: Proj. #35195.700/ANC
Matrix: Liquid
Work Order #: 9512193 01, 02

Reported: Dec 7, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Beryllium	Cadmium	Chromium	Nickel
QC Batch#:	ME1205956010MDC	ME1205956010MDC	ME1205956010MDC	ME1205956010MDC
Analy. Method:	EPA 6010	EPA 6010	EPA 6010	EPA 6010
Prep. Method:	EPA 3010	EPA 3010	EPA 3010	EPA 3010
Analyst:	S. O'Donnell	S. O'Donnell	S. O'Donnell	S. O'Donnell
MS/MSD #:	9511K5303	9511K5303	9511K5303	9511K5303
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	12/5/95	12/5/95	12/5/95	12/5/95
Analyzed Date:	12/6/95	12/6/95	12/6/95	12/6/95
Instrument I.D.#:	MTJA2	MTJA2	MTJA2	MTJA2
Conc. Spiked:	1.0 mg/L	1.0 mg/L	1.0 mg/L	1.0 mg/L
Result:	1.0	0.96	0.95	0.96
MS % Recovery:	100	96	95	96
Dup. Result:	1.0	0.95	0.95	0.96
MSD % Recov.:	100	95	95	96
RPD:	0.0	1.0	0.0	0.0
RPD Limit:	0-30	0-30	0-30	0-30
LCS #:	BLK120595	BLK120595	BLK120595	BLK120595
Prepared Date:	12/5/95	12/5/95	12/5/95	12/5/95
Analyzed Date:	12/6/95	12/6/95	12/6/95	12/6/95
Instrument I.D.#:	MTJA2	MTJA2	MTJA2	MTJA2
Conc. Spiked:	1.0 mg/L	1.0 mg/L	1.0 mg/L	1.0 mg/L
LCS Result:	1.1	1.0	1.0	1.0
LCS % Recov.:	110	100	100	100
MS/MSD LCS Control Limits	75-125	75-125	75-125	75-125

SEQUOIA ANALYTICAL

Todd Olive
Project Manager

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

RUST **Rust Environment & Infrastructure**

24-HOUR TAT
RUSH! RUSH! RUSH!

9512193

Chain of Custody Record

Custody Seal #	RUST E&I Cooler #

Project Number	Project Name/Client
35195.700	ANC - OAKLAND

Sample Custodian: (Signature)
James M. Duever

Item No.	Sample Description (Field ID Number)	Date	Time	Grab	Comp.	PID Reading (ppm)	Label Number	Analysis Required: TOTAL LEAD EPA 6010	Analysis Required: TOTAL ZINC EPA 6010	Matrix: Sample Type: WATER	Matrix: Sample Container: 1 LITER PLASTIC	
1	MW-13F	12-4-95	1530	X			FILTERED	X	X	X	1	G
2	MW-13N	12-4-95	1530	X			NONFILTERED	X	X	X	1	G
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												

4 35

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Disposed of by: (Signature)	Items:	Date/Time
James M. Duever	12-5-95 1527	S Ross			
Relinquished by: (Signature)	Date/Time	Received by: (Signature) [Laboratory]	Disposed of by: (Signature)	Items:	Date/Time
S Ross	12/5/95 1731	12/5/95 1635			

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

Remarks: ~~STANDARD~~ 24-HOUR TAT
STANDARD QA/QC

Federal Express Airbill No.:
Lab:

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

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

Rev. 4/95 White Copy – Lab Yellow Copy – File Pink Copy – Client

Sequoia Analytical

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

Attention: Richard Burzinski

Client Proj. ID: 35195.700/ANC
Sample Descript: MW-1R
Matrix: LIQUID
Analysis Method: EPA 8080,R-1
Lab Number: 9510F45-01

Sampled: 10/20/95
Received: 10/20/95
Extracted: 10/24/95
Analyzed: 10/26/95
Reported: 12/05/95

QC Batch Number: GC1024958080EXZ
Instrument ID: GCHP10

Organochlorine Pesticides and PCBs by EPA 8080 (Modified)

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

Surrogates	Control Limits %		% Recovery
Dibutylchlorendate	50	150	-Q

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

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

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Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 10/20/95
695 River Oaks Parkway	Sample Descript: MW-1R	Received: 10/20/95
San Jose, CA 95134	Matrix: LIQUID	
	Analysis Method: EPA 8240	Analyzed: 10/23/95
Attention: Richard Burzinski	Lab Number: 9510F45-01	Reported: 11/06/95

QC Batch Number: MS1023958240H6A
Instrument ID: H6

Volatile Organics (EPA 8240)

Analyte	Detection Limit ug/L	Sample Results ug/L
Acetone	10	N.D.
Benzene	**2.0**	**21**
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**	**50**
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**	**3.4**
1,2-Dichloroethane	2.0	N.D.
1,1-Dichloroethene	2.0	N.D.
cis-1,2-Dichloroethene	**2.0**	**5.4**
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**	**2.5**

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Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 10/20/95
695 River Oaks Parkway	Sample Descript: MW-1R	Received: 10/20/95
San Jose, CA 95134	Matrix: LIQUID	
	Analysis Method: EPA 8240	Analyzed: 10/23/95
Attention: Richard Burzinski	Lab Number: 9510F45-01	Reported: 11/06/95

QC Batch Number: MS1023958240H6A
Instrument ID: H6

Analyte	Detection Limit ug/L	Sample Results ug/L
Total Xylenes	2.0	4.4

Surrogates	Control Limits %		% Recovery
1,2-Dichloroethane-d4	76	114	102
Toluene-d8	88	110	100
4-Bromofluorobenzene	86	115	103

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

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

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Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 10/20/95
695 River Oaks Parkway	Sample Descript: MW-1R	Received: 10/20/95
San Jose, CA 95134	Matrix: LIQUID	Extracted: 10/27/95
	Analysis Method: EPA 8270	Analyzed: 10/31/95
Attention: Richard Burzinski	Lab Number: 9510F45-01	Reported: 11/06/95

QC Batch Number: MS1024958270EXZ
Instrument ID: H5

Semivolatile Organics (EPA 8270)

Analyte	Detection Limit ug/L	Sample Results ug/L
Acenaphthene	5.0	N.D.
Acenaphthylene	5.0	N.D.
Anthracene	5.0	N.D.
Benzoic Acid	10	N.D.
Benzo(a)anthracene	5.0	N.D.
Benzo(b)fluoranthene	5.0	N.D.
Benzo(k)fluoranthene	5.0	N.D.
Benzo(g,h,i)perylene	5.0	N.D.
Benzo(a)pyrene	5.0	N.D.
Benzyl alcohol	5.0	N.D.
Bis(2-chloroethoxy)methane	5.0	N.D.
Bis(2-chloroethyl)ether	**5.0**	**5.8**
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**	**14**
3,3-Dichlorobenzidine	10	N.D.
2,4-Dichlorophenol	5.0	N.D.
Diethyl phthalate	5.0	N.D.
2,4-Dimethylphenol	5.0	N.D.
Dimethyl phthalate	5.0	N.D.
4,6-Dinitro-2-methylphenol	10	N.D.
2,4-Dinitrophenol	10	N.D.
2,4-Dinitrotoluene	5.0	N.D.

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

Attention: Richard Burzinski

Client Proj. ID: 35195.700/ANC
Sample Descript: MW-1R
Matrix: LIQUID
Analysis Method: EPA 8270
Lab Number: 9510F45-01

Sampled: 10/20/95
Received: 10/20/95
Extracted: 10/27/95
Analyzed: 10/31/95
Reported: 11/06/95

QC Batch Number: MS1024958270EXZ
Instrument ID: H5

Analyte	Detection Limit ug/L	Sample Results ug/L
2,6-Dinitrotoluene	5.0	N.D.
Di-n-octyl phthalate	5.0	N.D.
Fluoranthene	5.0	N.D.
Fluorene	5.0	N.D.
Hexachlorobenzene	5.0	N.D.
Hexachlorobutadiene	5.0	N.D.
Hexachlorocyclopentadiene	10	N.D.
Hexachloroethane	5.0	N.D.
Indeno(1,2,3-cd)pyrene	5.0	N.D.
Isophorone	5.0	N.D.
2-Methylnaphthalene	**5.0**	**8.3**
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	76
Phenol-d5	10	110	110
Nitrobenzene-d5	35	114	76
2-Fluorobiphenyl	43	116	68
2,4,6-Tribromophenol	10	123	77
p-Terphenyl-d14	33	141	35

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

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
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Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 10/20/95
695 River Oaks Parkway	Sample Descript: MW-1R	Received: 10/20/95
San Jose, CA 95134	Matrix: LIQUID	Extracted: 10/29/95
	Analysis Method: EPA 8015 Mod	Analyzed: 11/03/95
Attention: Richard Burzinski	Lab Number: 9510F45-01	Reported: 11/06/95

QC Batch Number: GC1029950HBPEXA
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	**100**	**2700**
Chromatogram Pattern:		
Unidentified HC		**C9-C24**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	141

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

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
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Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 10/20/95
695 River Oaks Parkway	Sample Descript: MW-1R	Received: 10/20/95
San Jose, CA 95134	Matrix: LIQUID	
	Analysis Method: EPA 8015 Mod	Analyzed: 10/24/95
Attention: Richard Burzinski	Lab Number: 9510F45-01	Reported: 11/06/95

QC Batch Number: GC102495BTEX07A
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	**240**
Chromatogram Pattern:		**Gas**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	134 Q

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

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

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Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 10/20/95
695 River Oaks Parkway	Sample Descript: MW-1R	Received: 10/20/95
San Jose, CA 95134	Matrix: LIQUID	Extracted: 10/29/95
	Analysis Method: EPA 8015 Mod	Analyzed: 11/03/95
Attention: Richard Burzinski	Lab Number: 9510F45-01	Reported: 11/06/95

QC Batch Number: GC1029950HBPEXA
Instrument ID: GCHP5B

Fuel Fingerprint : Mineral Spirits

Analyte	Detection Limit ug/L	Sample Results ug/L
Extract. HC as Mineral Spirits	**100**	**520**
Chromatogram Pattern:		
Unidentified HC		**C9-C13**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	141

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

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Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 10/20/95
695 River Oaks Parkway	Sample Descript: MW-7	Received: 10/20/95
San Jose, CA 95134	Matrix: LIQUID	Extracted: 10/24/95
	Analysis Method: EPA 8080,R-1	Analyzed: 10/26/95
Attention: Richard Burzinski	Lab Number: 9510F45-02	Reported: 12/05/95

QC Batch Number: GC1024958080EXZ
Instrument ID: GCHP10

Organochlorine Pesticides and PCBs by EPA 8080 (Modified)

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	56

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

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Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 10/20/95
695 River Oaks Parkway	Sample Descript: MW-7	Received: 10/20/95
San Jose, CA 95134	Matrix: LIQUID	
	Analysis Method: EPA 8240	Analyzed: 10/23/95
Attention: Richard Burzinski	Lab Number: 9510F45-02	Reported: 11/06/95

QC Batch Number: MS1023958240H6A
Instrument ID: H6

Volatile Organics (EPA 8240)

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

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Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 10/20/95
695 River Oaks Parkway	Sample Descript: MW-7	Received: 10/20/95
San Jose, CA 95134	Matrix: LIQUID	
	Analysis Method: EPA 8240	Analyzed: 10/23/95
Attention: Richard Burzinski	Lab Number: 9510F45-02	Reported: 11/06/95

QC Batch Number: MS1023958240H6A
Instrument ID: H6

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

Surrogates	Control Limits %		% Recovery
1,2-Dichloroethane-d4	76	114	106
Toluene-d8	88	110	101
4-Bromofluorobenzene	86	115	102

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

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

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Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 10/20/95
695 River Oaks Parkway	Sample Descript: MW-7	Received: 10/20/95
San Jose, CA 95134	Matrix: LIQUID	Extracted: 10/27/95
	Analysis Method: EPA 8270	Analyzed: 10/31/95
Attention: Richard Burzinski	Lab Number: 9510F45-02	Reported: 11/06/95

QC Batch Number: MS1024958270EXZ
Instrument ID: F4

Semivolatile Organics (EPA 8270)

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

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

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

Attention: Richard Burzinski

Client Proj. ID: 35195.700/ANC
Sample Descript: MW-7
Matrix: LIQUID
Analysis Method: EPA 8270
Lab Number: 9510F45-02

Sampled: 10/20/95
Received: 10/20/95
Extracted: 10/27/95
Analyzed: 10/31/95
Reported: 11/06/95

QC Batch Number: MS1024958270EXZ
Instrument ID: F4

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

Surrogates	Control Limits %		% Recovery
2-Fluorophenol	21	110	74
Phenol-d5	10	110	99
Nitrobenzene-d5	35	114	72
2-Fluorobiphenyl	43	116	68
2,4,6-Tribromophenol	10	123	70
p-Terphenyl-d14	33	141	35

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

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

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

Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 10/20/95
695 River Oaks Parkway	Sample Descript: MW-7	Received: 10/20/95
San Jose, CA 95134	Matrix: LIQUID	Extracted: 10/29/95
	Analysis Method: EPA 8015 Mod	Analyzed: 11/01/95
Attention: Richard Burzinski	Lab Number: 9510F45-02	Reported: 11/06/95

QC Batch Number: GC1029950HBPEXA
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	**50**	**500**
Chromatogram Pattern: **Unidentified HC**		**C9-C24**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	124

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

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

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404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
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Rust E&I
695 River Oaks Parkway
San Jose, CA 95134

Attention: Richard Burzinski

Client Proj. ID: 35195.700/ANC
Sample Descript: MW-7
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9510F45-02

Sampled: 10/20/95
Received: 10/20/95

Analyzed: 10/25/95
Reported: 11/06/95

QC Batch Number: GC102595BTEX07A
Instrument ID: GCHP07

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	84

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

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
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Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 10/20/95
695 River Oaks Parkway	Sample Descript: GW-1R	Received: 10/20/95
San Jose, CA 95134	Matrix: LIQUID	Extracted: 10/27/95
	Analysis Method: EPA 8080,R-1	Analyzed: 11/01/95
Attention: Richard Burzinski	Lab Number: 9510F45-03	Reported: 12/05/95

QC Batch Number: GC1024958080EXZ
Instrument ID: GCHP10

Organochlorine Pesticides and PCBs by EPA 8080 (Modified)

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

Surrogates	Control Limits %		% Recovery
Dibutylchlorendate	50	150	39 Q

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

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
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Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 10/20/95
695 River Oaks Parkway	Sample Descript: GW-1R	Received: 10/20/95
San Jose, CA 95134	Matrix: LIQUID	
	Analysis Method: EPA 8240	Analyzed: 10/25/95
Attention: Richard Burzinski	Lab Number: 9510F45-03	Reported: 11/06/95

QC Batch Number: MS1023958240F3A
Instrument ID: F3

Volatile Organics (EPA 8240)

Analyte	Detection Limit ug/L	Sample Results ug/L
Acetone	50	N.D.
Benzene	**10**	**330**
Bromodichloromethane	10	N.D.
Bromoform	10	N.D.
Bromomethane	10	N.D.
2-Butanone	50	N.D.
Carbon disulfide	10	N.D.
Carbon tetrachloride	10	N.D.
Chlorobenzene	10	N.D.
Chloroethane	10	N.D.
2-Chloroethyl vinyl ether	50	N.D.
Chloroform	10	N.D.
Chloromethane	10	N.D.
Dibromochloromethane	10	N.D.
1,1-Dichloroethane	10	N.D.
1,2-Dichloroethane	10	N.D.
1,1-Dichloroethene	10	N.D.
cis-1,2-Dichloroethene	**10**	**180**
trans-1,2-Dichloroethene	**10**	**14**
1,2-Dichloropropane	10	N.D.
cis-1,3-Dichloropropene	10	N.D.
trans-1,3-Dichloropropene	10	N.D.
Ethylbenzene	**10**	**67**
2-Hexanone	50	N.D.
Methylene chloride	25	N.D.
4-Methyl-2-pentanone	50	N.D.
Styrene	10	N.D.
1,1,2,2-Tetrachloroethane	10	N.D.
Tetrachloroethene	10	N.D.
Toluene	**10**	**150**
1,1,1-Trichloroethane	10	N.D.
1,1,2-Trichloroethane	10	N.D.
Trichloroethene	10	N.D.
Trichlorofluoromethane	10	N.D.
Vinyl acetate	25	N.D.
Vinyl chloride	**10**	**640**

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Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 10/20/95
695 River Oaks Parkway	Sample Descript: GW-1R	Received: 10/20/95
San Jose, CA 95134	Matrix: LIQUID	
	Analysis Method: EPA 8240	Analyzed: 10/25/95
Attention: Richard Burzinski	Lab Number: 9510F45-03	Reported: 11/06/95

QC Batch Number: MS1023958240F3A
Instrument ID: F3

Analyte	Detection Limit ug/L	Sample Results ug/L
Total Xylenes	10	270

Surrogates	Control Limits %		% Recovery
1,2-Dichloroethane-d4	76	114	94
Toluene-d8	88	110	91
4-Bromofluorobenzene	86	115	106

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

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
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Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 10/20/95
695 River Oaks Parkway	Sample Descript: GW-1R	Received: 10/20/95
San Jose, CA 95134	Matrix: LIQUID	Extracted: 10/27/95
	Analysis Method: EPA 8270	Analyzed: 11/01/95
Attention: Richard Burzinski	Lab Number: 9510F45-03	Reported: 11/06/95

QC Batch Number: MS1024958270EXZ
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**	**1800**
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.

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

Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 10/20/95
695 River Oaks Parkway	Sample Descript: GW-1R	Received: 10/20/95
San Jose, CA 95134	Matrix: LIQUID	Extracted: 10/27/95
	Analysis Method: EPA 8270	Analyzed: 11/01/95
Attention: Richard Burzinski	Lab Number: 9510F45-03	Reported: 11/06/95

QC Batch Number: MS1024958270EXZ
Instrument ID: F4

Analyte	Detection Limit ug/L	Sample Results ug/L
2,6-Dinitrotoluene	100	N.D.
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	N.D.
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

Todd Olive
Project Manager

Sequoia Analytical

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

Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 10/20/95
695 River Oaks Parkway	Sample Descript: GW-1R	Received: 10/20/95
San Jose, CA 95134	Matrix: LIQUID	Extracted: 10/29/95
	Analysis Method: EPA 8015 Mod	Analyzed: 11/01/95
Attention: Richard Burzinski	Lab Number: 9510F45-03	Reported: 11/06/95

QC Batch Number: GC1029950HBPEXA
Instrument ID: GCHP4B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	1000	**16000**
Chromatogram Pattern: **Unidentified HC**		**C9-C24**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	115

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

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

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

Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 10/20/95
695 River Oaks Parkway	Sample Descript: GW-1R	Received: 10/20/95
San Jose, CA 95134	Matrix: LIQUID	
	Analysis Method: EPA 8015 Mod	Analyzed: 10/25/95
Attention: Richard Burzinski	Lab Number: 9510F45-03	Reported: 11/06/95

QC Batch Number: GC102595BTEX07A
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**500**	**2900**
Chromatogram Pattern:		**Gas**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	111

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

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olivel
Project Manager

Sequoia Analytical

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

Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 10/20/95
695 River Oaks Parkway	Sample Descript: MW-4	Received: 10/20/95
San Jose, CA 95134	Matrix: LIQUID	Extracted: 10/24/95
	Analysis Method: EPA 8080,R-1	Analyzed: 10/26/95
Attention: Richard Burzinski	Lab Number: 9510F45-04	Reported: 12/05/95

QC Batch Number: GC1024958080EXZ
Instrument ID: GCHP10

Organochlorine Pesticides and PCBs by EPA 8080 (Modified)

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	54

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

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

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

Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 10/20/95
695 River Oaks Parkway	Sample Descript: MW-4	Received: 10/20/95
San Jose, CA 95134	Matrix: LIQUID	
	Analysis Method: EPA 8240	Analyzed: 10/24/95
Attention: Richard Burzinski	Lab Number: 9510F45-04	Reported: 11/06/95

QC Batch Number: MS1023958240H6A
Instrument ID: H5

Volatile Organics (EPA 8240)

Analyte	Detection Limit ug/L	Sample Results ug/L
Acetone	25	N.D.
Benzene	**5.0**	**220**
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	5.0	N.D.
2-Butanone	25	N.D.
Carbon disulfide	5.0	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	**5.0**	**32**
Chloroethane	5.0	N.D.
2-Chloroethyl vinyl ether	25	N.D.
Chloroform	5.0	N.D.
Chloromethane	5.0	N.D.
Dibromochloromethane	5.0	N.D.
1,1-Dichloroethane	5.0	N.D.
1,2-Dichloroethane	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.
cis-1,2-Dichloroethene	5.0	N.D.
trans-1,2-Dichloroethene	5.0	N.D.
1,2-Dichloropropane	5.0	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	5.0	N.D.
Ethylbenzene	**5.0**	**8.2**
2-Hexanone	25	N.D.
Methylene chloride	12	N.D.
4-Methyl-2-pentanone	25	N.D.
Styrene	5.0	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	N.D.
Toluene	**5.0**	**6.8**
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	5.0	N.D.
Trichlorofluoromethane	5.0	N.D.
Vinyl acetate	12	N.D.
Vinyl chloride	5.0	N.D.

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Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 10/20/95
695 River Oaks Parkway	Sample Descript: MW-4	Received: 10/20/95
San Jose, CA 95134	Matrix: LIQUID	
	Analysis Method: EPA 8240	Analyzed: 10/24/95
Attention: Richard Burzinski	Lab Number: 9510F45-04	Reported: 11/06/95

QC Batch Number: MS1023958240H6A
Instrument ID: H5

Analyte	Detection Limit ug/L	Sample Results ug/L
Total Xylenes	5.0	**21**

Surrogates	Control Limits %		% Recovery
1,2-Dichloroethane-d4	76	114	106
Toluene-d8	88	110	102
4-Bromofluorobenzene	86	115	104

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

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

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

Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 10/20/95
695 River Oaks Parkway	Sample Descript: MW-4	Received: 10/20/95
San Jose, CA 95134	Matrix: LIQUID	Extracted: 10/27/95
	Analysis Method: EPA 8270	Analyzed: 11/01/95
Attention: Richard Burzinski	Lab Number: 9510F45-04	Reported: 11/06/95

QC Batch Number: MS1024958270EXZ
Instrument ID: F4

Semivolatile Organics (EPA 8270)

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

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

Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 10/20/95
695 River Oaks Parkway	Sample Descript: MW-4	Received: 10/20/95
San Jose, CA 95134	Matrix: LIQUID	Extracted: 10/27/95
	Analysis Method: EPA 8270	Analyzed: 11/01/95
Attention: Richard Burzinski	Lab Number: 9510F45-04	Reported: 11/06/95

QC Batch Number: MS1024958270EXZ
Instrument ID: F4

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

Surrogates	Control Limits %		% Recovery
2-Fluorophenol	21	110	96
Phenol-d5	10	110	92
Nitrobenzene-d5	35	114	87
2-Fluorobiphenyl	43	116	91
2,4,6-Tribromophenol	10	123	105
p-Terphenyl-d14	33	141	50

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

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

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

Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 10/20/95
695 River Oaks Parkway	Sample Descript: MW-4	Received: 10/20/95
San Jose, CA 95134	Matrix: LIQUID	Extracted: 10/29/95
	Analysis Method: EPA 8015 Mod	Analyzed: 11/03/95
Attention: Richard Burzinski	Lab Number: 9510F45-04	Reported: 11/06/95

QC Batch Number: GC1029950HBPEXA
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	1000	**23000**
Chromatogram Pattern:		
Unidentified HC	-	**C9-C24**

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

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

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Todd Olive
Project Manager

Sequoia Analytical

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

Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 10/20/95
695 River Oaks Parkway	Sample Descript: MW-4	Received: 10/20/95
San Jose, CA 95134	Matrix: LIQUID	
	Analysis Method: EPA 8015 Mod	Analyzed: 10/26/95
Attention: Richard Burzinski	Lab Number: 9510F45-04	Reported: 11/06/95

QC Batch Number: GC102695BTEX22A
Instrument ID: GCHP22

Total Purgeable Petroleum Hydrocarbons (TPPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**500**	**1400**
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

Todd Olive
Project Manager

Sequoia Analytical

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

Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 10/20/95
695 River Oaks Parkway	Sample Descript: MW-6	Received: 10/20/95
San Jose, CA 95134	Matrix: LIQUID	Extracted: 10/24/95
	Analysis Method: EPA 8080,R-1	Analyzed: 10/26/95
Attention: Richard Burzinski	Lab Number: 9510F45-05	Reported: 12/05/95

QC Batch Number: GC1024958080EXZ
Instrument ID: GCHP10

Organochlorine Pesticides and PCBs by EPA 8080 (Modified)

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	60

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

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Todd Olive
Project Manager

Sequoia Analytical

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

Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 10/20/95
695 River Oaks Parkway	Sample Descript: MW-6	Received: 10/20/95
San Jose, CA 95134	Matrix: LIQUID	
	Analysis Method: EPA 8240	Analyzed: 11/24/95
Attention: Richard Burzinski	Lab Number: 9510F45-05	Reported: 11/06/95

QC Batch Number: MS1023958240H6A
Instrument ID: H

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**	**5.6**
1,2-Dichloroethane	2.0	N.D.
1,1-Dichloroethene	2.0	N.D.
cis-1,2-Dichloroethene	2.0	N.D.
trans-1,2-Dichloroethene	2.0	N.D.
1,2-Dichloropropane	2.0	N.D.
cis-1,3-Dichloropropene	2.0	N.D.
trans-1,3-Dichloropropene	2.0	N.D.
Ethylbenzene	2.0	N.D.
2-Hexanone	10	N.D.
Methylene chloride	5.0	N.D.
4-Methyl-2-pentanone	10	N.D.
Styrene	2.0	N.D.
1,1,2,2-Tetrachloroethane	2.0	N.D.
Tetrachloroethene	2.0	N.D.
Toluene	2.0	N.D.
1,1,1-Trichloroethane	2.0	N.D.
1,1,2-Trichloroethane	2.0	N.D.
Trichloroethene	2.0	N.D.
Trichlorofluoromethane	2.0	N.D.
Vinyl acetate	5.0	N.D.
Vinyl chloride	2.0	N.D.

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404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 10/20/95
695 River Oaks Parkway	Sample Descript: MW-6	Received: 10/20/95
San Jose, CA 95134	Matrix: LIQUID	
	Analysis Method: EPA 8240	Analyzed: 11/24/95
Attention: Richard Burzinski	Lab Number: 9510F45-05	Reported: 11/06/95

QC Batch Number: MS1023958240H6A
Instrument ID: H

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

Surrogates	Control Limits %		% Recovery
1,2-Dichloroethane-d4	76	114	104
Toluene-d8	88	110	103
4-Bromofluorobenzene	86	115	102

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

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

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

Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 10/20/95
695 River Oaks Parkway	Sample Descript: MW-6	Received: 10/20/95
San Jose, CA 95134	Matrix: LIQUID	Extracted: 10/27/95
	Analysis Method: EPA 8270	Analyzed: 10/31/95
Attention: Richard Burzinski	Lab Number: 9510F45-05	Reported: 11/06/95

QC Batch Number: MS1024958270EXZ
Instrument ID: H5

Semivolatile Organics (EPA 8270)

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

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404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 10/20/95
695 River Oaks Parkway	Sample Descript: MW-6	Received: 10/20/95
San Jose, CA 95134	Matrix: LIQUID	Extracted: 10/27/95
	Analysis Method: EPA 8270	Analyzed: 10/31/95
Attention: Richard Burzinski	Lab Number: 9510F45-05	Reported: 11/06/95

QC Batch Number: MS1024958270EXZ
Instrument ID: H5

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

Surrogates	Control Limits %		% Recovery
2-Fluorophenol	21	110	49
Phenol-d5	10	110	63
Nitrobenzene-d5	35	114	65
2-Fluorobiphenyl	43	116	66
2,4,6-Tribromophenol	10	123	39
p-Terphenyl-d14	33	141	22 Q

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

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

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

Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 10/20/95
695 River Oaks Parkway	Sample Descript: MW-6	Received: 10/20/95
San Jose, CA 95134	Matrix: LIQUID	Extracted: 10/29/95
	Analysis Method: EPA 8015 Mod	Analyzed: 11/01/95
Attention: Richard Burzinski	Lab Number: 9510F45-05	Reported: 11/06/95

QC Batch Number: GC1029950HBPEXA
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	50	180
Chromatogram Pattern:		
Unidentified HC		C9-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	137

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

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

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

Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 10/20/95
695 River Oaks Parkway	Sample Descript: MW-6	Received: 10/20/95
San Jose, CA 95134	Matrix: LIQUID	
	Analysis Method: EPA 8015 Mod	Analyzed: 10/24/95
Attention: Richard Burzinski	Lab Number: 9510F45-05	Reported: 11/06/95

QC Batch Number: GC102495BTEX07A
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH)

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

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	86

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

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

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

Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled:
695 River Oaks Parkway	Sample Descript: Method Blank	Received: 10/20/95
San Jose, CA 95134	Matrix: LIQUID	
	Analysis Method: EPA 8240	Analyzed: 10/23/95
Attention: Richard Burzinski	Lab Number: 9510F45-06	Reported: 11/06/95

QC Batch Number: MS1023958240H6A
Instrument ID: H6

Volatile Organics (EPA 8240)

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

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404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled:
695 River Oaks Parkway	Sample Descript: Method Blank	Received: 10/20/95
San Jose, CA 95134	Matrix: LIQUID	
	Analysis Method: EPA 8240	Analyzed: 10/23/95
Attention: Richard Burzinski	Lab Number: 9510F45-06	Reported: 11/06/95

QC Batch Number: MS1023958240H6A
Instrument ID: H6

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

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

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

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
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Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled:
695 River Oaks Parkway	Sample Descript: Method Blank	Received: 10/20/95
San Jose, CA 95134	Matrix: LIQUID	Extracted: 10/27/95
	Analysis Method: EPA 8270	Analyzed: 10/31/95
Attention: Richard Burzinski	Lab Number: 9510F45-06	Reported: 11/06/95

QC Batch Number: MS1024958270EXZ
Instrument ID: H5

Semivolatile Organics (EPA 8270)

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

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Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled:
695 River Oaks Parkway	Sample Descript: Method Blank	Received: 10/20/95
San Jose, CA 95134	Matrix: LIQUID	Extracted: 10/27/95
	Analysis Method: EPA 8270	Analyzed: 10/31/95
Attention: Richard Burzinski	Lab Number: 9510F45-06	Reported: 11/06/95

QC Batch Number: MS1024958270EXZ
Instrument ID: H5

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

Surrogates	Control Limits %		% Recovery
2-Fluorophenol	21	110	78
Phenol-d5	10	110	99
Nitrobenzene-d5	35	114	70
2-Fluorobiphenyl	43	116	72
2,4,6-Tribromophenol	10	123	64
p-Terphenyl-d14	33	141	52

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

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

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Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled:
695 River Oaks Parkway	Sample Descript: Method Blank	Received: 10/20/95
San Jose, CA 95134	Matrix: LIQUID	Extracted: 10/24/95
	Analysis Method: EPA 8080,R-1	Analyzed: 10/25/95
Attention: Richard Burzinski	Lab Number: 9510F45-06	Reported: 12/05/95

QC Batch Number: GC1024958080EXZ
Instrument ID: GCHP10

Organochlorine Pesticides and PCBs by EPA 8080 (Modified)

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	75

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

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

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Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled:
695 River Oaks Parkway	Sample Descript: Method Blank	Received: 10/20/95
San Jose, CA 95134	Matrix: LIQUID	
	Analysis Method: EPA 8240	Analyzed: 10/25/95
Attention: Richard Burzinski	Lab Number: 9510F45-07	Reported: 11/06/95

QC Batch Number: MS1023958240F3A
Instrument ID: F3

Volatile Organics (EPA 8240)

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

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

Attention: Richard Burzinski

Client Proj. ID: 35195.700/ANC
Sample Descript: Method Blank
Matrix: LIQUID
Analysis Method: EPA 8240
Lab Number: 9510F45-07

Sampled:
Received: 10/20/95

Analyzed: 10/25/95
Reported: 11/06/95

QC Batch Number: MS1023958240F3A
Instrument ID: F3

Analyte	Detection Limit ug/L		Sample Results ug/L
Total Xylenes	2.0		N.D.
Surrogates	**Control Limits %**		**% Recovery**
1,2-Dichloroethane-d4	76	114	106
Toluene-d8	88	110	101
4-Bromofluorobenzene	86	115	113

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

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

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

Client Proj. ID: 35195.700/ANC

Lab Proj. ID: 9510F45

Received: 10/20/95

Reported: 11/06/95

LABORATORY NARRATIVE

8080 NOTE: Sample GW-1R had low recovery for both surrogates. It was re-extracted on 10/27/95 and recovery for the surrogates was still low. The problem was then attributed to sample matrix effect.

TPH Gas NOTE: Q= Surrogate was high due to co-elution with sample matrix.

TPH Diesel NOTE: Q= Surrogate was diluted out.

SEQUOIA ANALYTICAL

Todd Olive
Project Manager

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

Client Project ID: 35195.700/ANC
Matrix: Liquid
Work Order #: 9510F45 -01, 05

Reported: Nov 7, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC102495BTEX07A	GC102495BTEX07A	GC102495BTEX07A	GC102495BTEX07A
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 #:	9510C9711	9510C9711	9510C9711	9510C9711
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	10/24/95	10/24/95	10/24/95	10/24/95
Analyzed Date:	10/24/95	10/24/95	10/24/95	10/24/95
Instrument I.D.#:	GCHP7	GCHP7	GCHP7	GCHP7
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	7.9	7.9	7.9	24
MS % Recovery:	79	79	79	80
Dup. Result:	8.0	8.0	8.1	24
MSD % Recov.:	80	80	81	80
RPD:	1.3	1.3	2.5	0.0
RPD Limit:	0-50	0-50	0-50	0-50
LCS #:				
Prepared Date:				
Analyzed Date:				
Instrument I.D.#:				
Conc. Spiked:				
LCS Result:				
LCS % Recov.:				
MS/MSD LCS Control Limits	71-133	72-128	72-130	71-120

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

Todd Olive
Project Manager

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

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

Client Project ID: 35195.700/ANC
Matrix: Liquid
Work Order #: 9510F45- 02, 03

Reported: Nov 7, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC102595BTEX07A	GC102595BTEX07A	GC102595BTEX07A	GC102595BTEX07A
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 #:	9510A4008	9510A4008	9510A4008	9510A4008
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	10/25/95	10/25/95	10/25/95	10/25/95
Analyzed Date:	10/25/95	10/25/95	10/25/95	10/25/95
Instrument I.D.#:	GCHP7	GCHP7	GCHP7	GCHP7
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	10	9.9	9.9	29
MS % Recovery:	100	99	99	97
Dup. Result:	9.5	9.3	9.3	26
MSD % Recov.:	95	93	93	87
RPD:	5.1	6.3	6.3	11
RPD Limit:	0-50	0-50	0-50	0-50
LCS #:				
Prepared Date:				
Analyzed Date:				
Instrument I.D.#:				
Conc. Spiked:				
LCS Result:				
LCS % Recov.:				
MS/MSD LCS Control Limits	71-133	72-128	72-130	71-120

SEQUOIA ANALYTICAL

Todd Olive
Project Manager

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

Client Project ID: 35195.700/ANC
Matrix: Liquid
Work Order #: 9510F45- 04

Reported: Nov 7, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC102695BTEX22A	GC102695BTEX22A	GC102695BTEX22A	GC102695BTEX22A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	R. Lee	R. Lee	R. Lee	R. Lee
MS/MSD #:	9510F4101	9510F4101	9510F4101	9510F4101
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	10/26/95	10/26/95	10/26/95	10/26/95
Analyzed Date:	10/26/95	10/26/95	10/26/95	10/26/95
Instrument I.D.#:	GCHP22	GCHP22	GCHP22	GCHP22
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	10	10	10	28
MS % Recovery:	100	100	100	93
Dup. Result:	10	10	10	30
MSD % Recov.:	100	100	100	100
RPD:	0.0	0.0	0.0	6.9
RPD Limit:	0-50	0-50	0-50	0-50

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

MS/MSD LCS Control Limits	71-133	72-128	72-130	71-120

SEQUOIA ANALYTICAL

Todd Olive
Project Manager

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

Client Project ID: 35195.700/ANC
Matrix: Liquid
Work Order #: 9510F45- 01, 02, 04, 05

Reported: Nov 7, 1995

QUALITY CONTROL DATA REPORT

Analyte:	1,1-Dichloroethene	Trichloroethene	Benzene	Toluene	Chloro-benzene
QC Batch#:	MS1023958240H6A	MS1023958240H6A	MS1023958240H6A	MS1023958240H6A	MS1023958240H6A
Analy. Method:	EPA 8240	EPA 8240	EPA 8240	EPA 8240	EPA 8240
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	L. Duong	L. Duong	L. Duong	L. Duong	L. Duong
MS/MSD #:	9510E3801	9510E3801	9510E3801	9510E3801	9510E3801
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:	10/23/95	10/23/95	10/23/95	10/23/95	10/23/95
Instrument I.D.#:	H6	H6	H6	H6	H6
Conc. Spiked:	50 µg/L	50 µg/L	50 µg/L	50 µg/L	50 µg/L
Result:	50	50	50	53	50
MS % Recovery:	100	100	100	106	100
Dup. Result:	49	48	49	49	47
MSD % Recov.:	98	96	98	98	94
RPD:	2.0	4.1	2.0	7.8	6.2
RPD Limit:	0-50	0-50	0-50	0-50	0-50

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

MS/MSD LCS Control Limits	DL-234	71-157	37-151	47-150	37-160

SEQUOIA ANALYTICAL

Todd Olive
Project Manager

Please Note:
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Sequoia Analytical

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

Client Project ID: 35195.700/ANC
Matrix: Liquid
Work Order #: 9510F45-03
Reported: Nov 7, 1995

QUALITY CONTROL DATA REPORT

Analyte:	1,1-Dichloroethene	Trichloroethene	Benzene	Toluene	Chlorobenzene
QC Batch#:	MS1023958240F3A	MS1023958240F3A	MS1023958240F3A	MS1023958240F3A	MS1023958240F3A
Analy. Method:	EPA 8240	EPA 8240	EPA 8240	EPA 8240	EPA 8240
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	L. Duong	L. Duong	L. Duong	L. Duong	L. Duong
MS/MSD #:	9510F2003	9510F2003	9510F2003	9510F2003	9510F2003
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:	10/23/95	10/23/95	10/23/95	10/23/95	10/23/95
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:	48	49	52	51	49
MS % Recovery:	96	98	104	102	98
Dup. Result:	49	47	49	47	48
MSD % Recov.:	98	94	98	94	96
RPD:	2.1	4.2	5.9	8.1	2.1
RPD Limit:	0-50	0-50	0-50	0-50	0-50

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

MS/MSD LCS Control Limits	DL-234	71-157	37-151	47-150	37-160

SEQUOIA ANALYTICAL

Todd Olive
Project Manager

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

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

Sequoia Analytical

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

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

Client Project ID: 35195.700/ANC
Matrix: Liquid
Work Order #: 9510F45-01-05

Reported: Nov 7, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Diesel
QC Batch#:	GC1029950HBPEXA
Analy. Method:	EPA 8015M
Prep. Method:	EPA 3510
Analyst:	J. Minkel
MS/MSD #:	BLK102995
Sample Conc.:	N.D.
Prepared Date:	10/29/95
Analyzed Date:	10/31/95
Instrument I.D.#:	GCHP4B
Conc. Spiked:	1000 µg/L
Result:	1100
MS % Recovery:	110
Dup. Result:	980
MSD % Recov.:	98
RPD:	12
RPD Limit:	0-50

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

MS/MSD LCS Control Limits	38-122

SEQUOIA ANALYTICAL

Todd Olive
Project Manager

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Rust E & I	Client Project ID:	35195.700/ANC	
695 River Oaks Parkway	Matrix:	Liquid	
San Jose, CA 95134			
Attention: Richard Burzinski	Work Order #:	9510F45-01-05	Reported: Nov 7, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Heptachlor	Aldrin	Dieldrin
QC Batch#:	GC1024958080EXZ	GC1024958080EXZ	GC1024958080EXZ
Analy. Method:	EPA 8080	EPA 8080	EPA 8080
Prep. Method:	EPA 3520	EPA 3520	EPA 3520
Analyst:	A. Savva	A. Savva	A. Savva
MS/MSD #:	BLK102495	BLK102495	BLK102495
Sample Conc.:	N.D.	N.D.	N.D.
Prepared Date:	10/24/95	10/24/95	10/24/95
Analyzed Date:	10/25/95	10/25/95	10/25/95
Instrument I.D.#:	GCHP10	GCHP10	GCHP10
Conc. Spiked:	0.10 µg/L	0.10 µg/L	0.40 µg/L
Result:	0.094	0.080	0.37
MS % Recovery:	94	80	93
Dup. Result:	0.080	0.070	0.34
MSD % Recov.:	78	69	85
RPD:	19	15	8.5
RPD Limit:	0-50	0-50	0-50

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

MS/MSD LCS Control Limits	39-137	47-139	62-132

SEQUOIA ANALYTICAL

Todd Olive
Project Manager

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

Client Project ID: 35195.700/ANC
Matrix: Liquid
Work Order #: 9510F45-01-05

Reported: Nov 7, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Phenol	2-Chlorophenol	1,4-Dichloro benzene	N-Nitroso-Di-N-propylamine
QC Batch#:	MS1024958270EXZ	MS1024958270EXZ	MS1024958270EXZ	MS1024958270EXZ
Analy. Method:	EPA 8270	EPA 8270	EPA 8270	EPA 8270
Prep. Method:	EPA 3520	EPA 3520	EPA 3520	EPA 3520
Analyst:	E. Manuel	E. Manuel	E. Manuel	E. Manuel
MS/MSD #:	9510F6902	9510F6902	9510F6902	9510F6902
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	10/24/95	10/24/95	10/24/95	10/24/95
Analyzed Date:	10/30/95	10/30/95	10/30/95	10/30/95
Instrument I.D.#:	F4	F4	F4	F4
Conc. Spiked:	200 µg/L	200 µg/L	200 µg/L	200 µg/L
Result:	140	150	120	150
MS % Recovery:	70	75	60	75
Dup. Result:	130	140	120	140
MSD % Recov.:	65	70	60	70
RPD:	7.4	6.9	0.0	6.9
RPD Limit:	0-50	0-50	0-50	0-50
LCS #:	CB1024BS	CB1024BS	CB1024BS	CB1024BS
Prepared Date:	10/24/95	10/24/95	10/24/95	10/24/95
Analyzed Date:	10/30/95	10/30/95	10/30/95	10/30/95
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	100	140
LCS % Recov.:	65	70	50	70
MS/MSD LCS Control Limits	5-112	23-134	20-124	DL-230

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SEQUOIA ANALYTICAL

Todd Olive
Project Manager

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

Client Project ID: 35195.700/ANC
Matrix: Liquid
Work Order #: 9510F45-01-05

Reported: Nov 7, 1995

QUALITY CONTROL DATA REPORT

Analyte:	1,2,4-Trichloro benzene	4-Chloro-3 Methylphenol	Acenaphthene	4-Nitrophenol
QC Batch#:	MS1024958270EXZ	MS1024958270EXZ	MS1024958270EXZ	MS1024958270EXZ
Analy. Method:	EPA 8270	EPA 8270	EPA 8270	EPA 8270
Prep. Method:	EPA 3520	EPA 3520	EPA 3520	EPA 3520
Analyst:	E. Manuel	E. Manuel	E. Manuel	E. Manuel
MS/MSD #:	9510F6902	9510F6902	9510F6902	9510F6902
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	10/24/95	10/24/95	10/24/95	10/24/95
Analyzed Date:	10/30/95	10/30/95	10/30/95	10/30/95
Instrument I.D.#:	F4	F4	F4	F4
Conc. Spiked:	200 µg/L	200 µg/L	200 µg/L	200 µg/L
Result:	130	140	140	160
MS % Recovery:	65	70	70	80
Dup. Result:	130	130	130	140
MSD % Recov.:	65	65	65	70
RPD:	0.0	7.4	7.4	13
RPD Limit:	0-50	0-50	0-50	0-50
LCS #:	CB1024BS	CB1024BS	CB1024BS	CB1024BS
Prepared Date:	10/24/95	10/24/95	10/24/95	10/24/95
Analyzed Date:	10/30/95	10/30/95	10/30/95	10/30/95
Instrument I.D.#:	F4	F4	F4	F4
Conc. Spiked:	200 µg/L	200 µg/L	200 µg/L	200 µg/L
LCS Result:	110	130	130	140
LCS % Recov.:	55	65	65	70
MS/MSD LCS Control Limits	44-142	22-147	47-145	DL-132

SEQUOIA ANALYTICAL

Todd Olive
Project Manager

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

Client Project ID: 35195.700/ANC
Matrix: Liquid
Work Order #: 9510F45-01-05

Reported: Nov 7, 1995

QUALITY CONTROL DATA REPORT

Analyte:	2,4-Dinitro-toluene	Pentachloro-phenol	Pyrene
QC Batch#:	MS1024958270EXZ	MS1024958270EXZ	MS1024958270EXZ
Analy. Method:	EPA 8270	EPA 8270	EPA 8270
Prep. Method:	EPA 3520	EPA 3520	EPA 3520
Analyst:	E. Manuel	E. Manuel	E. Manuel
MS/MSD #:	9510F6902	9510F6902	9510F6902
Sample Conc.:	N.D.	N.D.	N.D.
Prepared Date:	10/24/95	10/24/95	10/24/95
Analyzed Date:	10/30/95	10/30/95	10/30/95
Instrument I.D.#:	F4	F4	F4
Conc. Spiked:	200 µg/L	200 µg/L	200 µg/L
Result:	150	180	160
MS % Recovery:	75	90	80
Dup. Result:	140	160	140
MSD % Recov.:	70	80	70
RPD:	6.9	12	13
RPD Limit:	0-50	0-50	0-50
LCS #:	CB1024BS	CB1024BS	CB1024BS
Prepared Date:	10/24/95	10/24/95	10/24/95
Analyzed Date:	10/30/95	10/30/95	10/30/95
Instrument I.D.#:	F4	F4	F4
Conc. Spiked:	200 µg/L	200 µg/L	200 µg/L
LCS Result:	150	160	160
LCS % Recov.:	75	80	80
MS/MSD LCS Control Limits	39-139	14-176	52-115

SEQUOIA ANALYTICAL

Todd Olive
Project Manager

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

9510 F45

Custody Seal #	RUST E&I Cooler #

Project Number	Project Name/Client
35195.700	ANC

Sample Custodian: (Signature)

Item No.	Sample Description (Field ID Number)	Date	Time	Grab	Comp.	PID Reading (ppm)	Label Number	Analysis Required: TPH mineral spirits (LUFT)	EPA 8240	EPA 8270	LUFT TPH-D	LUFT TPH-G	EPA 8080	Matrix: Sample Type: Water	Sample Container: (HCl) 40ml VOA	Sample Container: 1 Ltr. Amber			
X 1	MW-1R	10-20-95	1535	X				X	X	X	X	X	X	X	6	4			1
X 2	MW-7		1110	X					X	X	X	X	X	X	6	3			2
X 3	GW-1R		1530	X					X	X	X	X	X	X	6	3			3
X 4	MW-4		1305	X					X	X	X	X	X	X	6	3			4
X 5	MW-6	10-20-95	1425	X					X	X	X	X	X	X	6	3			5
6																			
7																			
8																			
9																			
10																			
11																			
12																			
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15																			
16																			
17																			
18																			
19																			
20																			

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Disposed of by: (Signature)	Items:	Date/Time
	10/20/95 1720				
Relinquished by: (Signature)	Date/Time	Received by: (Signature) [Laboratory]	Disposed of by: (Signature)	Items:	Date/Time
		10/20/95 1720			

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

Remarks: STANDARD TAT
STANDARD QA/QC

Federal Express Airbill No.:
Lab:

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

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

Rev. 4/95 White Copy – Lab Yellow Copy – File Pink Copy – Client F514/Task 5.1

Sequoia Analytical

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

Attention: Richard Burzinski

Client Proj. ID: 35195.700/ANC
Sample Descript: MW-9R
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9510E59-01

Sampled: 10/19/95
Received: 10/19/95
Extracted: 10/27/95
Analyzed: 10/30/95
Reported: 11/01/95

QC Batch Number: GC1027950HBPEXZ
Instrument ID: GCHP4B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	50	60
Chromatogram Pattern: **Unidentified HC**		C9-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	92

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

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

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Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 10/19/95
695 River Oaks Parkway	Sample Descript: MW-9R	Received: 10/19/95
San Jose, CA 95134	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 10/24/95
Attention: Richard Burzinski	Lab Number: 9510E59-01	Reported: 11/01/95

QC Batch Number: GC102495BTEX06A
Instrument ID: GCHP06

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

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

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	89

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

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

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Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 10/19/95
695 River Oaks Parkway	Sample Descript: MW-14R	Received: 10/19/95
San Jose, CA 95134	Matrix: LIQUID	Extracted: 10/27/95
	Analysis Method: EPA 8015 Mod	Analyzed: 10/30/95
Attention: Richard Burzinski	Lab Number: 9510E59-02	Reported: 11/01/95

QC Batch Number: GC1027950HBPEXZ
Instrument ID: GCHP4B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	50	76
Chromatogram Pattern:		
Unidentified HC		C9-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	92

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

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

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Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 10/19/95
695 River Oaks Parkway	Sample Descript: MW-14R	Received: 10/19/95
San Jose, CA 95134	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 10/24/95
Attention: Richard Burzinski	Lab Number: 9510E59-02	Reported: 11/01/95

QC Batch Number: GC102495BTEX06A
Instrument ID: GCHP06

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

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

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	91

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

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

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Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 10/19/95
695 River Oaks Parkway	Sample Descript: SRMP-3	Received: 10/19/95
San Jose, CA 95134	Matrix: LIQUID	Extracted: 10/27/95
	Analysis Method: EPA 8015 Mod	Analyzed: 10/30/95
Attention: Richard Burzinski	Lab Number: 9510E59-03	Reported: 11/01/95

QC Batch Number: GC1027950HBPEXZ
Instrument ID: GCHP4B

Total Extractable Petroleum Hydrocarbons (TEPH)

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

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

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

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

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

Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 10/19/95
695 River Oaks Parkway	Sample Descript: SRMP-3	Received: 10/19/95
San Jose, CA 95134	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 10/24/95
Attention: Richard Burzinski	Lab Number: 9510E59-03	Reported: 11/01/95

QC Batch Number: GC102495BTEX06A
Instrument ID: GCHP06

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

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

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	91

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

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

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

Client Project ID: 35195.700/ANC
Matrix: Liquid
Work Order #: 9510E59 01-03

Reported: Nov 1, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC102495BTEX6A	GC102495BTEX6A	GC102495BTEX6A	GC102495BTEX6A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	D.Jirsa	D.Jirsa	D.Jirsa	D.Jirsa
MS/MSD #:	9510C9711	9510C9711	9510C9711	9510C9711
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	10/24/95	10/24/95	10/24/95	10/24/95
Analyzed Date:	10/24/95	10/24/95	10/24/95	10/24/95
Instrument I.D.#:	GCHP6	GCHP6	GCHP6	GCHP6
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	9.3	9.2	9.4	28
MS % Recovery:	93	92	94	93
Dup. Result:	9.0	8.8	9.1	27
MSD % Recov.:	90	88	91	90
RPD:	3.3	4.4	3.2	3.6
RPD Limit:	0-50	0-50	0-50	0-50

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

MS/MSD LCS Control Limits	71-133	72-128	72-130	71-120

SEQUOIA ANALYTICAL

Todd Olive
Project Manager

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

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

Sequoia Analytical

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

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

Client Project ID: 35195.700/ANC
Matrix: Liquid
Work Order #: 9510E59 01-03

Reported: Nov 1, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Diesel
QC Batch#:	GC1027950HBPEXZ
Analy. Method:	EPA 8015 Mod.
Prep. Method:	EPA 3510
Analyst:	J. Minkel
MS/MSD #:	BLK102795
Sample Conc.:	N.D.
Prepared Date:	10/27/95
Analyzed Date:	10/29/95
Instrument I.D.#:	GCHP4B
Conc. Spiked:	1000 µg/L
Result:	720
MS % Recovery:	72
Dup. Result:	770
MSD % Recov.:	77
RPD:	6.7
RPD Limit:	0-50

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

MS/MSD LCS Control Limits	38-122

SEQUOIA ANALYTICAL

Todd Olive
Project Manager

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

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RUST **Rust Environment & Infrastructure**

Chain of Custody Record

9510E59

Custody Seal #	RUST E&I Cooler #

Project Number	Project Name/Client
35195.700	ANC

Sample Custodian: (Signature)
James M. Duewer

Item No.	Sample Description (Field ID Number)	Date	Time	Grab	Comp.	PID Reading (ppm)	Label Number	Analysis Required: LUFT TPH-d	Analysis Required: LUFT TPH-g / BTEX	Matrix: Sample Type: WATER	Matrix: Sample Container: 40ml VOA (HCl)	Matrix: Sample Container: 1 Ltr. Amber
1	MW-9R	10-19-95	1115	X			1	X	X	X	3	1
2	MW-14R	10-19-95	1150	X			2	X	X	X	3	1
3	SRMP-3	10-19-95	1210	X			3	X	X	X	3	1
4												
5												
6												
7												
8												
9												
10												
11												
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14												
15												
16												
17												
18												
19												
20												

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Disposed of by: (Signature)	Items:	Date/Time
James M Duewer	10-19-95 1632				
Relinquished by: (Signature)	Date/Time	Received by: (Signature) [Laboratory]	Disposed of by: (Signature)	Items:	Date/Time
		10/19/95 1632			

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

Remarks: STANDARD TAT
STANDARD QA/QC

Federal Express Airbill No.:
Lab:

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

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

4/95 White Copy Yellow Copy Pink Copy Client

F514/Earth.Sci

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

Attention: Richard Burzinski

Client Proj. ID: 35195.700/ANC

Lab Proj. ID: 9510E60

Sampled: 10/19/95
Received: 10/19/95
Analyzed: see below

Reported: 11/02/95

LABORATORY ANALYSIS

Lab No: 9510E60-01
Sample Desc : **LIQUID,SRMP-4**

Analyte	Units	Date Analyzed	Detection Limit	Sample Results
Lead	mg/L	10/24/95	0.10	N.D.
Zinc	**mg/L**	**10/24/95**	**0.010**	**0.13**

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

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

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Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 10/19/95
695 River Oaks Parkway	Sample Descript: SRMP-4	Received: 10/19/95
San Jose, CA 95134	Matrix: LIQUID	
	Analysis Method: EPA 8240	Analyzed: 10/23/95
Attention: Richard Burzinski	Lab Number: 9510E60-01	Reported: 11/02/95

QC Batch Number: MS1023958240H6A
Instrument ID: H6

Volatile Organics (EPA 8240)

Analyte	Detection Limit ug/L	Sample Results ug/L
Acetone	10	N.D.
Benzene	2.0	N.D.
Bromodichloromethane	2.0	N.D.
Bromoform	2.0	N.D.
Bromomethane	2.0	N.D.
2-Butanone	10	N.D.
Carbon disulfide	2.0	N.D.
Carbon tetrachloride	2.0	N.D.
Chlorobenzene	2.0	N.D.
Chloroethane	2.0	N.D.
2-Chloroethyl vinyl ether	10	N.D.
Chloroform	2.0	N.D.
Chloromethane	2.0	N.D.
Dibromochloromethane	2.0	N.D.
1,1-Dichloroethane	2.0	N.D.
1,2-Dichloroethane	2.0	N.D.
1,1-Dichloroethene	2.0	N.D.
cis-1,2-Dichloroethene	2.0	N.D.
trans-1,2-Dichloroethene	2.0	N.D.
1,2-Dichloropropane	2.0	N.D.
cis-1,3-Dichloropropene	2.0	N.D.
trans-1,3-Dichloropropene	2.0	N.D.
Ethylbenzene	2.0	N.D.
2-Hexanone	10	N.D.
Methylene chloride	5.0	N.D.
4-Methyl-2-pentanone	10	N.D.
Styrene	2.0	N.D.
1,1,2,2-Tetrachloroethane	2.0	N.D.
Tetrachloroethene	**2.0**	**6.2**
Toluene	2.0	N.D.
1,1,1-Trichloroethane	2.0	N.D.
1,1,2-Trichloroethane	2.0	N.D.
Trichloroethene	2.0	N.D.
Trichlorofluoromethane	2.0	N.D.
Vinyl acetate	5.0	N.D.
Vinyl chloride	2.0	N.D.

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Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 10/19/95
695 River Oaks Parkway	Sample Descript: SRMP-4	Received: 10/19/95
San Jose, CA 95134	Matrix: LIQUID	
	Analysis Method: EPA 8240	Analyzed: 10/23/95
Attention: Richard Burzinski	Lab Number: 9510E60-01	Reported: 11/02/95

QC Batch Number: MS1023958240H6A
Instrument ID: H6

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

Surrogates	Control Limits %		% Recovery
1,2-Dichloroethane-d4	76	114	103
Toluene-d8	88	110	102
4-Bromofluorobenzene	86	115	100

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

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

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Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 10/19/95
695 River Oaks Parkway	Sample Descript: SRMP-4	Received: 10/19/95
San Jose, CA 95134	Matrix: LIQUID	Extracted: 10/26/95
	Analysis Method: EPA 8015 Mod	Analyzed: 10/30/95
Attention: Richard Burzinski	Lab Number: 9510E60-01	Reported: 11/02/95

QC Batch Number: GC1026950HBPEXZ
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

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

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	104

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

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

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Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 10/19/95
695 River Oaks Parkway	Sample Descript: SRMP-4	Received: 10/19/95
San Jose, CA 95134	Matrix: LIQUID	Extracted: 10/26/95
	Analysis Method: EPA 8015 Mod	Analyzed: 10/30/95
Attention: Richard Burzinski	Lab Number: 9510E60-01	Reported: 11/02/95

QC Batch Number: GC1026950HBPEXZ
Instrument ID: GCHP5A

Fuel Fingerprint : Mineral Spirits

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

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	104

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

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

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Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled:
695 River Oaks Parkway	Sample Descript: Method Blank	Received: 10/19/95
San Jose, CA 95134	Matrix: LIQUID	
	Analysis Method: EPA 8240	Analyzed: 10/23/95
Attention: Richard Burzinski	Lab Number: 9510E60-02	Reported: 11/02/95

QC Batch Number: MS1023958240H6A
Instrument ID: H6

Volatile Organics (EPA 8240)

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

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

Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled:
695 River Oaks Parkway	Sample Descript: Method Blank	Received: 10/19/95
San Jose, CA 95134	Matrix: LIQUID	
	Analysis Method: EPA 8240	Analyzed: 10/23/95
Attention: Richard Burzinski	Lab Number: 9510E60-02	Reported: 11/02/95

QC Batch Number: MS1023958240H6A
Instrument ID: H6

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

Surrogates	Control Limits %		% Recovery
1,2-Dichloroethane-d4	76	114	96
Toluene-d8	88	110	100
4-Bromofluorobenzene	86	115	98

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

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

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

Client Project ID: 35195.700/ANC
Matrix: Liquid
Work Order #: 9510E60 01

Reported: Nov 2, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Beryllium	Cadmium	Chromium	Nickel
QC Batch#:	ME1023956010MDB	ME1023956010MDB	ME1023956010MDB	ME1023956010MDB
Analy. Method:	EPA 6010	EPA 6010	EPA 6010	EPA 6010
Prep. Method:	EPA 3010	EPA 3010	EPA 3010	EPA 3010
Analyst:	C. Medefesser	C. Medefesser	C. Medefesser	C. Medefesser
MS/MSD #:	9510E4601	9510E4601	9510E4601	9510E4601
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	10/23/95	10/23/95	10/23/95	10/23/95
Analyzed Date:	10/24/95	10/24/95	10/24/95	10/24/95
Instrument I.D.#:	MTJA2	MTJA2	MTJA2	MTJA2
Conc. Spiked:	1.0 mg/L	1.0 mg/L	1.0 mg/L	1.0 mg/L
Result:	1.0	1.0	0.99	0.98
MS % Recovery:	100	100	99	98
Dup. Result:	1.1	1.0	1.0	1.0
MSD % Recov.:	110	100	100	100
RPD:	9.5	0.0	1.0	2.0
RPD Limit:	0-30	0-30	0-30	0-30
LCS #:	BLK102395	BLK102395	BLK102395	BLK102395
Prepared Date:	10/23/95	10/23/95	10/23/95	10/23/95
Analyzed Date:	10/24/95	10/24/95	10/24/95	10/24/95
Instrument I.D.#:	MTJA2	MTJA2	MTJA2	MTJA2
Conc. Spiked:	1.0 mg/L	1.0 mg/L	1.0 mg/L	1.0 mg/L
LCS Result:	1.1	1.1	1.0	1.0
LCS % Recov.:	110	110	100	100
MS/MSD LCS Control Limits	75-125	75-125	75-125	75-125

SEQUOIA ANALYTICAL

Todd Olive
Project Manager

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

Client Project ID: 35195.700/ANC
Matrix: Liquid
Work Order #: 9510E60 01

Reported: Nov 2, 1995

QUALITY CONTROL DATA REPORT

Analyte:	1,1-Dichloroethene	Trichloroethene	Benzene	Toluene	Chloro-benzene
QC Batch#:	MS1023958240H6A	MS1023958240H6A	MS1023958240H6A	MS1023958240H6A	MS1023958240H6A
Analy. Method:	EPA 8240	EPA 8240	EPA 8240	EPA 8240	EPA 8240
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	L. Duong	L. Duong	L. Duong	L. Duong	L. Duong
MS/MSD #:	9510E3801	9510E3801	9510E3801	9510E3801	9510E3801
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.
Prepared Date:	10/23/95	10/23/95	10/23/95	10/23/95	10/23/95
Analyzed Date:	10/23/95	10/23/95	10/23/95	10/23/95	10/23/95
Instrument I.D.#:	H6	H6	H6	H6	H6
Conc. Spiked:	50 µg/L	50 µg/L	50 µg/L	50 µg/L	50 µg/L
Result:	50	50	50	53	50
MS % Recovery:	100	100	100	106	100
Dup. Result:	49	48	49	49	47
MSD % Recov.:	98	96	98	98	94
RPD:	2.0	4.1	2.0	7.8	6.2
RPD Limit:	0-50	0-50	0-50	0-50	0-50

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

MS/MSD LCS Control Limits	DL-234	71-157	37-151	47-150	37-160

SEQUOIA ANALYTICAL

Todd Olive
Project Manager

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

Client Project ID: 35195.700/ANC
Matrix: Liquid
Work Order #: 9510E60 01

Reported: Nov 2, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Diesel
QC Batch#:	GC1026950HBPEXZ
Analy. Method:	EPA 8015 Mod.
Prep. Method:	EPA 3520
Analyst:	J. Minkel
MS/MSD #:	9510G1111
Sample Conc.:	100
Prepared Date:	10/26/95
Analyzed Date:	10/29/95
Instrument I.D.#:	GCHP5A
Conc. Spiked:	2000 µg/L
Result:	1900
MS % Recovery:	90
Dup. Result:	1800
MSD % Recov.:	85
RPD:	5.4
RPD Limit:	0-50

LCS #:	BLK102695
Prepared Date:	10/26/95
Analyzed Date:	10/29/95
Instrument I.D.#:	GCHP5A
Conc. Spiked:	2000 µg/L
LCS Result:	1800
LCS % Recov.:	90

MS/MSD LCS Control Limits	38-122

SEQUOIA ANALYTICAL

Todd Olive
Project Manager

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

RUST **Rust Environment & Infrastructure**

Chain of Custody Record

9510E60

Custody Seal #	RUST E&I Cooler #

Project Number	Project Name/Client
35195.700	ANC

Sample Custodian: (Signature)
James M. Brunner

Item No.	Sample Description (Field ID Number)	Date	Time	Grab	Comp.	PID Reading (ppm)	Label Number	Analysis Required: LUFT TPH-d	LUFT TPH-Mineral Spirits	EPA 8240	6010 Total Lead	6010 Total Zinc	Matrix: Sample Type: Water	Sample Container: 1 Litre Amber	1 Litre Plastic	40 mL VOA
1	SRMP-4	10-19-95	1325	X			1	X	X	X	X	X	X	2	2	3
2																
3																
4																
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6																
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20																

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Disposed of by: (Signature)	Items:	Date/Time
James M. Brunner	10-19-95 16:32				
Relinquished by: (Signature)	Date/Time	Received by: (Signature) [Laboratory]	Disposed of by: (Signature)	Items:	Date/Time
		10/19/95 16:32			

Send Lab Results To:
Richard Burzinski
Rust E&I San Jose, CA

Remarks: STANDARD TAT
STANDARD QA/QC

Federal Express Airbill No.:
Lab:

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

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

[redacted] White Copy [redacted] Yellow Copy [redacted] Pink Copy [redacted] Client [redacted]

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 3..
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988..
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-..

Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled: 10/19/95
695 River Oaks Parkway	Sample Descript: SRMP-2	Received: 10/19/95
San Jose, CA 95134	Matrix: LIQUID	
	Analysis Method: EPA 8240	Analyzed: 10/23/95
Attention: Richard Burzinski	Lab Number: 9510E95-01	Reported: 11/02/95

QC Batch Number: MS1023958240H6A
Instrument ID: H6

Volatile Organics (EPA 8240)

Analyte	Detection Limit ug/L	Sample Results ug/L
Acetone	**10**	**51**
Benzene	2.0	N.D.
Bromodichloromethane	2.0	N.D.
Bromoform	2.0	N.D.
Bromomethane	2.0	N.D.
2-Butanone	10	N.D.
Carbon disulfide	2.0	N.D.
Carbon tetrachloride	2.0	N.D.
Chlorobenzene	2.0	N.D.
Chloroethane	2.0	N.D.
2-Chloroethyl vinyl ether	10	N.D.
Chloroform	2.0	N.D.
Chloromethane	2.0	N.D.
Dibromochloromethane	2.0	N.D.
1,1-Dichloroethane	2.0	N.D.
1,2-Dichloroethane	2.0	N.D.
1,1-Dichloroethene	2.0	N.D.
cis-1,2-Dichloroethene	2.0	N.D.
trans-1,2-Dichloroethene	2.0	N.D.
1,2-Dichloropropane	2.0	N.D.
cis-1,3-Dichloropropene	2.0	N.D.
trans-1,3-Dichloropropene	2.0	N.D.
Ethylbenzene	2.0	N.D.
2-Hexanone	10	N.D.
Methylene chloride	5.0	N.D.
4-Methyl-2-pentanone	10	N.D.
Styrene	2.0	N.D.
1,1,2,2-Tetrachloroethane	2.0	N.D.
Tetrachloroethene	2.0	N.D.
Toluene	2.0	N.D.
1,1,1-Trichloroethane	2.0	N.D.
1,1,2-Trichloroethane	2.0	N.D.
Trichloroethene	2.0	N.D.
Trichlorofluoromethane	2.0	N.D.
Vinyl acetate	5.0	N.D.
Vinyl chloride	2.0	N.D.

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

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

Attention: Richard Burzinski

Client Proj. ID: 35195.700/ANC
Sample Descript: SRMP-2
Matrix: LIQUID
Analysis Method: EPA 8240
Lab Number: 9510E95-01

Sampled: 10/19/95
Received: 10/19/95

Analyzed: 10/23/95
Reported: 11/02/95

QC Batch Number: MS1023958240H6A
nstrument ID: H6

Analyte	Detection Limit ug/L		Sample Results ug/L
Total Xylenes	2.0		N.D.
Surrogates	**Control Limits %**		**% Recovery**
1,2-Dichloroethane-d4	76	114	102
Toluene-d8	88	110	101
4-Bromofluorobenzene	86	115	100

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

EQUOIA ANALYTICAL - ELAP #1210

ɔdd Olive
oject Manager

Sequoia Analytical

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

Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled:
695 River Oaks Parkway	Sample Descript: Method Blank	Received: 10/19/95
San Jose, CA 95134	Matrix:	
	Analysis Method: EPA 8240	Analyzed: 10/23/95
Attention: Richard Burzinski	Lab Number: 9510E95-02	Reported: 11/02/95

QC Batch Number: MS1023958240H6A
Instrument ID: H6

Volatile Organics (EPA 8240)

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

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Rust E&I	Client Proj. ID: 35195.700/ANC	Sampled:
695 River Oaks Parkway	Sample Descript: Method Blank	Received: 10/19/95
San Jose, CA 95134	Matrix:	
	Analysis Method: EPA 8240	Analyzed: 10/23/95
Attention: Richard Burzinski	Lab Number: 9510E95-02	Reported: 11/02/95

QC Batch Number: MS1023958240H6A
Instrument ID: H6

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

Surrogates	Control Limits %		% Recovery
1,2-Dichloroethane-d4	76	114	96
Toluene-d8	88	110	100
4-Bromofluorobenzene	86	115	98

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

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

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

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

Client Project ID: 35195.700/ANC
Matrix: Liquid
Work Order #: 9510E95 01

Reported: Nov 2, 1995

QUALITY CONTROL DATA REPORT

Analyte:	1,1-Dichloroethene	Trichloroethene	Benzene	Toluene	Chloro-benzene
QC Batch#:	MS1023958240H6A	MS1023958240H6A	MS1023958240H6A	MS1023958240H6A	MS1023958240H6A
Analy. Method:	EPA 8240	EPA 8240	EPA 8240	EPA 8240	EPA 8240
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	L. Duong	L. Duong	L. Duong	L. Duong	L. Duong
MS/MSD #:	9510E3801	9510E3801	9510E3801	9510E3801	9510E3801
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.
Prepared Date:	10/23/95	10/23/95	10/23/95	10/23/95	10/23/95
Analyzed Date:	10/23/95	10/23/95	10/23/95	10/23/95	10/23/95
Instrument I.D.#:	H6	H6	H6	H6	H6
Conc. Spiked:	50 µg/L	50 µg/L	50 µg/L	50 µg/L	50 µg/L
Result:	50	50	50	53	50
MS % Recovery:	100	100	100	106	100
Dup. Result:	49	48	49	49	47
MSD % Recov.:	98	96	98	98	94
RPD:	2.0	4.1	2.0	7.8	6.2
RPD Limit:	0-50	0-50	0-50	0-50	0-50
LCS #:					
Prepared Date:					
Analyzed Date:					
Instrument I.D.#:					
Conc. Spiked:					
LCS Result:					
LCS % Recov.:					
MS/MSD LCS Control Limits	DL-234	71-157	37-151	47-150	37-160

SEQUOIA ANALYTICAL

Todd Olive
Project Manager

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

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

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

9510E95

Custody Seal #	RUST E&I Cooler #

Project Number	Project Name/Client
35195.700	ANC

Sample Custodian: (Signature) James M. Duewer

Item No.	Sample Description (Field ID Number)	Date	Time	Grab	Comp.	PID Reading (ppm)	Label Number	Analysis Required: EPA 8240	Matrix: Sample Type: WATER	Matrix: Sample Container: 40ml (HCl) VOA
1	SRMP-2	10-19-95	1335	X			01	X	X	3
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Disposed of by: (Signature)	Items:	Date/Time
James M. Duewer	10/19/95 1632				
Relinquished by: (Signature)	**Date/Time**	**Received by: (Signature) [Laboratory]**	**Disposed of by: (Signature)**	**Items:**	**Date/Time**
		10/19/95 1632			

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

Remarks: STANDARD TAT
STANDARD QA/QC

Federal Express Airbill No.:
Lab:

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

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

N

13

FORMER UST

-1R

SRMP-1

MW-7

MW-1R

12 EXCAVATION

Access Road

LEGEND

MW-3 ⊕ MONITORING WELL LOCATION

Nimitz Freew

East 8TH Street

AREA 2

KMART

FORMER ACETONE UST

SRMP-2

FORMER SOLDER
DROSS STORAGE
AREA
(RCRA)

BL

37th Ave.

FORMER SOLDER-
DROSS STORAGE
AREA
(RCRA)

MW-3 ⊕ MONITORING WELL LOCATION

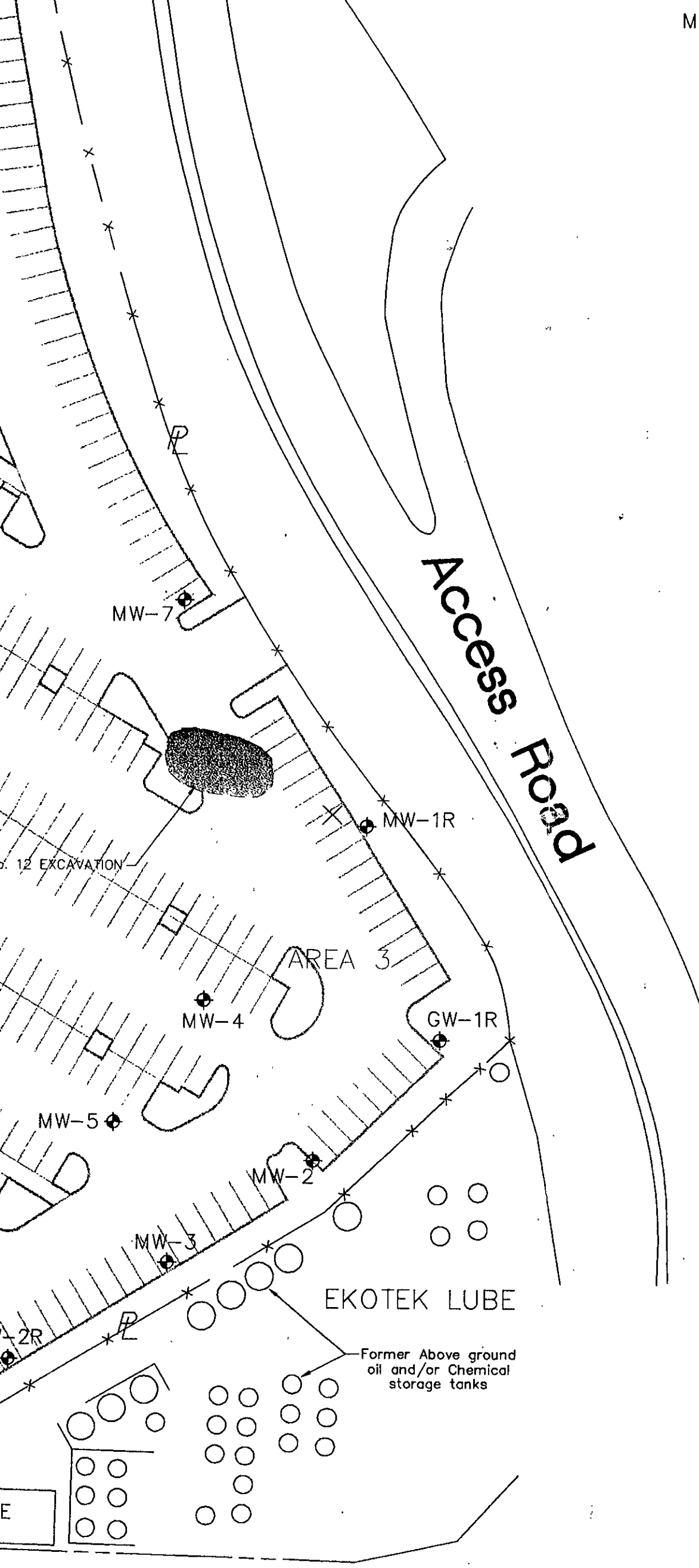


PLATE 1

ES	
DAM, RMR	DATUM: MSL
Walter O. Howard	CONTOUR INTERVAL: 0.5'/1.0'
Edward W. Alusow	U.S.G.S. QUAD.: OAKLAND EAST
1"=50'	SCALE IN FEET 0 25' 50'

RUST ENVIRONMENT & INFRASTRUCTURE

CLIENT DWG. NO.

RUST DWG. NO. M8985_21

PROJECT NUMBER 35195.700
DATE DRAWN: 12/95

REVISION NUMBER 0 SHEET NUMBER 1 OF 1

MONITORING WELL LOCATION MAP
SITEWIDE RISK MANAGEMENT PLAN
AMERICAN NATIONAL CAN
FORMER OAKLAND PLANT

CITY OF OAKLAND ALAMEDA COUNTY,CA

CAD FILE NAME:

FORMER ACETONE UST

SRMP-2

MW-7

BLDG. No. 12 EXCAVATION

AREA 3

MW-4

MW-5

AREA 4

MW-2

MW-3

FORMER UST

FORMER USTS

FORMER PRODUCT PIPELINE

MW-6

GW-2R

EKOT

Form
oil c
s

McDONALDS

SRMP-3

OFFICE

MW-9R

MW-14R

da Ave.

REVISIONS	MADE	CHK	DATE

NAMES	
DRAWN:	DAM, RMR
DESIGN:	Walter O. Howard
PROJ. MGR.:	Edward W. Alusow
PROJ. ENG.:	
CHECKED:	
SCALE:	1"=50'

DATUM:	MSL
CONTOUR INTERVAL:	0.5
U.S.G.S. QUAD.:	OAKLAND E

SCALE IN FEET
0 25' 50'

KMART

FORMER ACETONE UST

FORMER SOLDER DROSS STORAGE AREA (RCRA)

SRMP-2

SRMP-4

AREA 4

FORMER UST

FORMER USTS

McDONALDS

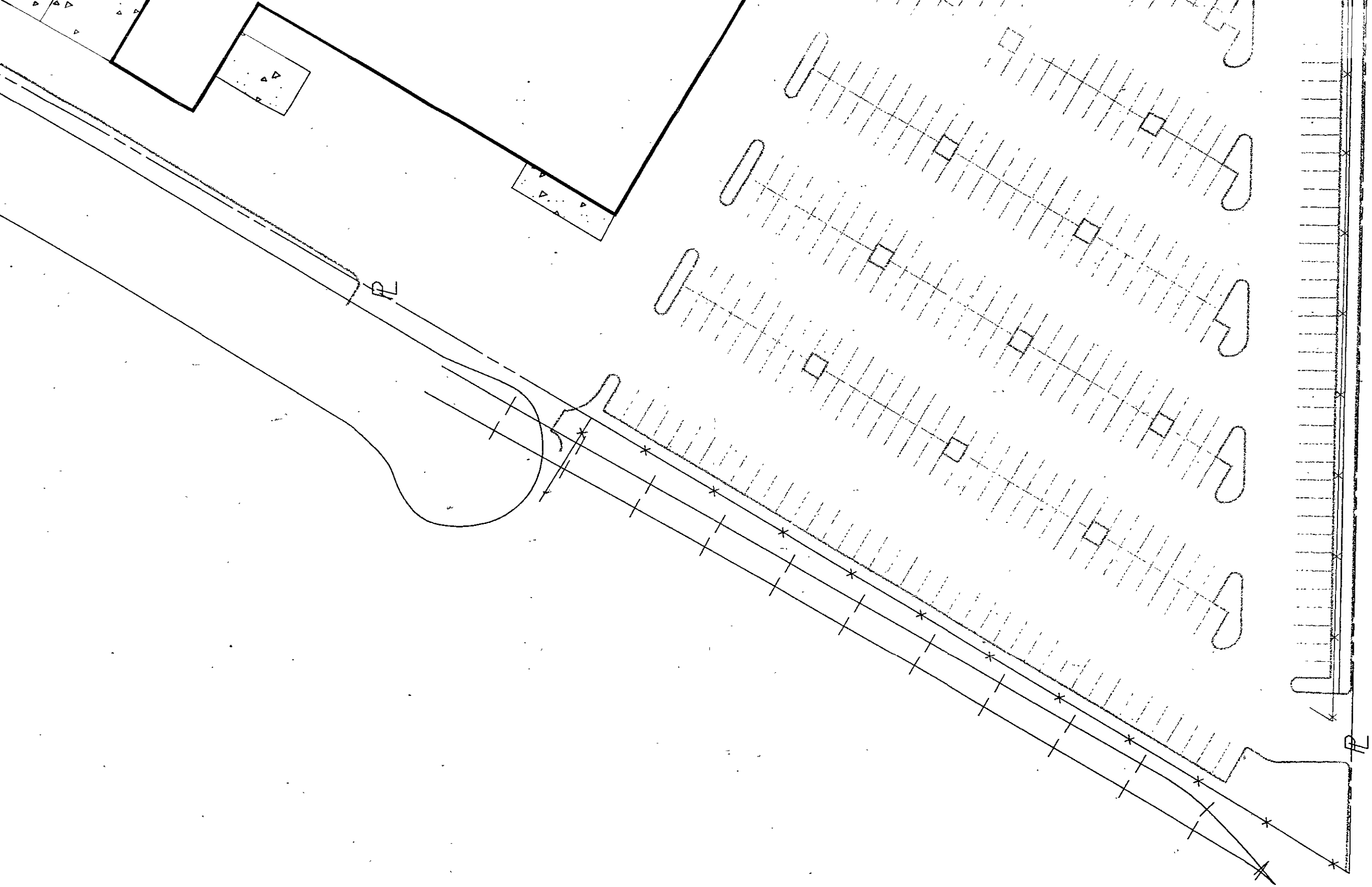
SRMP-

MW-9R

MW-14R

Alameda Ave.

REVISIONS	MADE	CHK	DATE	NO.	REVISIONS	MADE



NO.	REVISIONS	DATE	CHK	MADE

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