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HAGEMAN-AGUIAR, INC.

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3TD

REPORT OF
SOIL AND GROUNDWATER INVESTIGATION

PROPERTY AT
6460 Hollis Street
Emeryville, CA

(location of Rix Industries)

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Kanaida #3001
78-261 Manukai St.
Kailua-Kona, HI 96740

July 24, 1992

FIGURE 1.
Site Location Map.

I. INTRODUCTION

The site location is the property at 6460 Hollis Street in Emeryville, California. The location of the site is shown in Figure 1.

The current occupant of the property, Rix Industries, has been present for more than twenty years. The current Rix industries operation involves the construction of compressor parts, as well as compressor performance testing. In conjunction with a previous paint formulation plant that occupied the property prior to Rix Industries, ten (10) underground chemical storage tanks have been present for a number of years on the property. Five of the underground storage tanks are present within the existing Rix Industries fabrication building, where limited access is an obvious problem in regard to conducting field work at the site (drilling, excavation, etc.).

The purpose of this investigation was to discern the presence of any chemical concentrations, either in the soil or shallow groundwater, that may be indicative of on-site underground storage tank leakage. The scope of work involved 1) sampling the contents of the underground tanks located within the building, 2) collection of soil samples from hand borings adjacent to the underground tanks located within the building and 3) installation and sampling of three shallow groundwater monitoring wells.

Figure 2 is an aerial photograph of the property and surrounding area taken by Pacific Aerial Surveys, Oakland, California, on June 12, 1990. This photograph shows the condition of the subject site at the time of this most recent

FIGURE 2.
Aerial Photograph, June 12, 1990
Pacific Aerial Surveys
Photo AV-3845-7-20

subsurface investigation. Apparent in the photo is the present Rix Industries building where five of the underground tanks are located. Behind the building is located a large outdoor storage yard where the other five underground tanks are located.

II. SITE DESCRIPTION

Site Description and Tank Contents

A map of the site is shown in Figure 3. This map shows the layout of the facility, along with the apparent locations of ten underground storage tanks. As shown in Figure 3, five of the tanks are located within the existing facility building. Based upon a field reconnaissance conducted by Hageman-Aguiar, Inc., personnel on January 30, 1992, the previous tanks were found to be labeled as containing the following:

TANK A - Chlorinated Solvents
TANK B - Tank Empty (no label)
TANK C - Tank Empty (no label)
TANK D - Tank Empty (no label)
TANK E - Mostly Water (no label)
TANK F - sec-Butyl Alcohol
TANK H - Isopropyl Alcohol
TANK J - Methyl Ethyl Ketone (MEK)
TANK K - Ethyl Silicate
TANK L - sec-Butyl Alcohol

Hydrogeologic Setting

The soils beneath the site consist of Quaternary Alluvium overlying Franciscan bedrock (Geologic Map of California, San Francisco Sheet, State of California Division of Mines and Geology, 1980). Bedrock is likely to occur at a depth of greater than 50 feet beneath the site. On this portion of the low-lying Bay Plain in close proximity to San Francisco

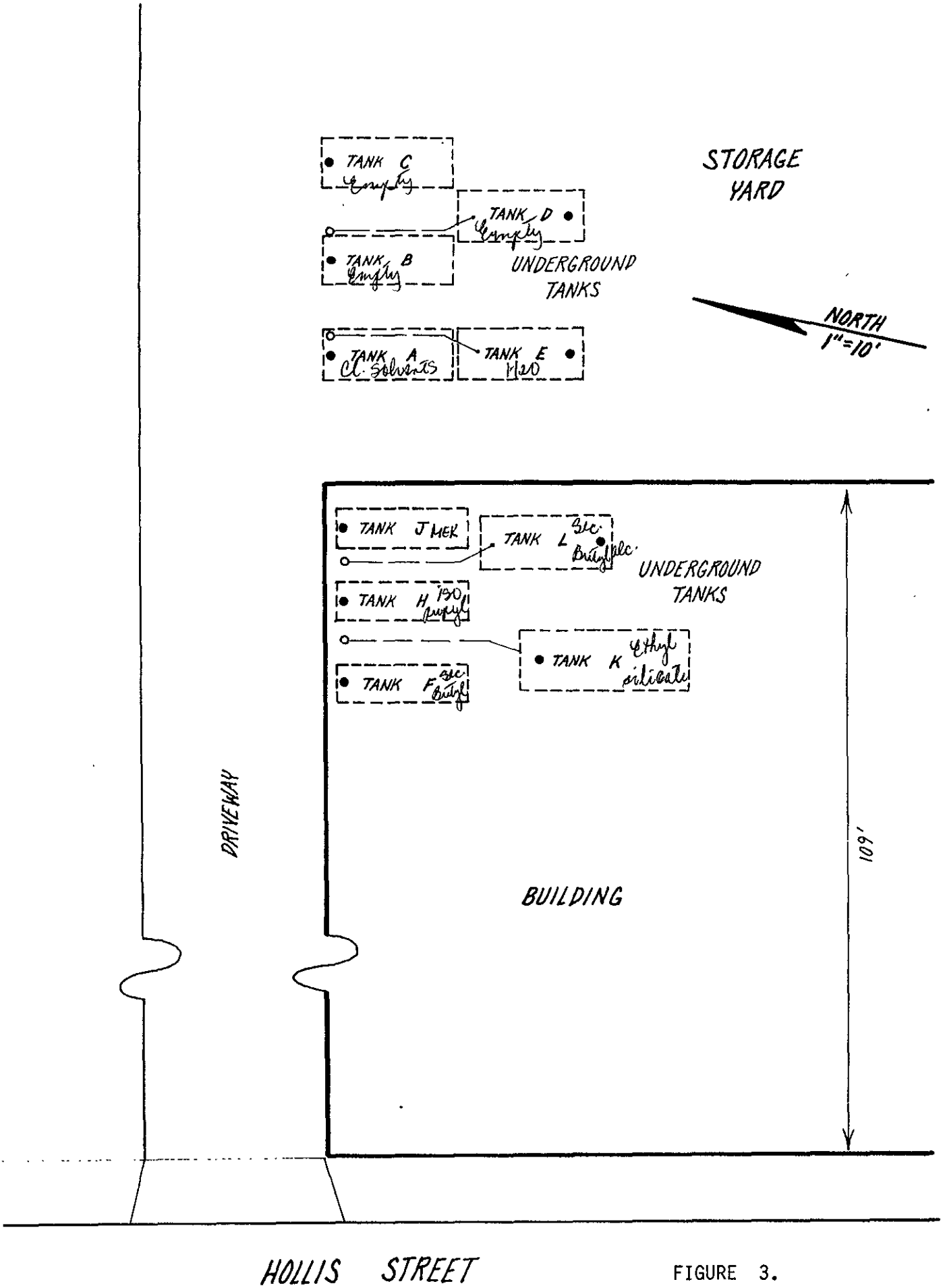


FIGURE 3.
Site Map.

Bay, the soils beneath the site can be expected to consist primarily of fine grain soils (silts and clays), with the ma[redacted] shallow groundwater movement occurring in thin [redacted] gravel layers and/or "stringers".

Based upon the surface topography, as well as the various hydrologic features shown on the vicinity map, the general regional shallow groundwater can be expected to flow from the Berkeley Hills (area of groundwater recharge) and move westward toward San Francisco Bay (area of discharge). The placement of the monitoring wells was based upon this assumption of the groundwater flow direction, and the actual flow direction determination from water level data is discussed in Section IV of this report.

III. FIELD WORK

Tank Contents Sampling

In an attempt to further identify previous chemical storage in the five underground storage tanks located inside the building, samples of the various tank contents were collected on June 27, 1992.

Liquid samples were collected from Tanks F, H, J, and L (see Figure 3) using disposable teflon bailers. Tank K was found to be completely empty at the time of the sampling.

The liquid samples were placed inside appropriate 40 mL VOA vials and 1 liter amber bottles free of any headspace. The samples were immediately placed on crushed ice, then transported under chain-of-custody to Sequoia Analytical Laboratory in Concord upon completion of the field work.

Soil Sampling by Hand Boring

Due to obvious access problems, eight shallow soil borings were drilled by hand in close proximity to the five underground tanks located within the building. The locations of the soil borings are shown on Figure 4.

On June 27, 1992, borings B-1, B-2, B-3, B-4, B-5, B-6, B-7, and B-8 were hand-augered by Hageman-Aguiar personnel. At each soil boring location, an attempt was made to collect one soil sample immediately above the shallow water table at a depth of approximately 4 feet. At several of the locations,

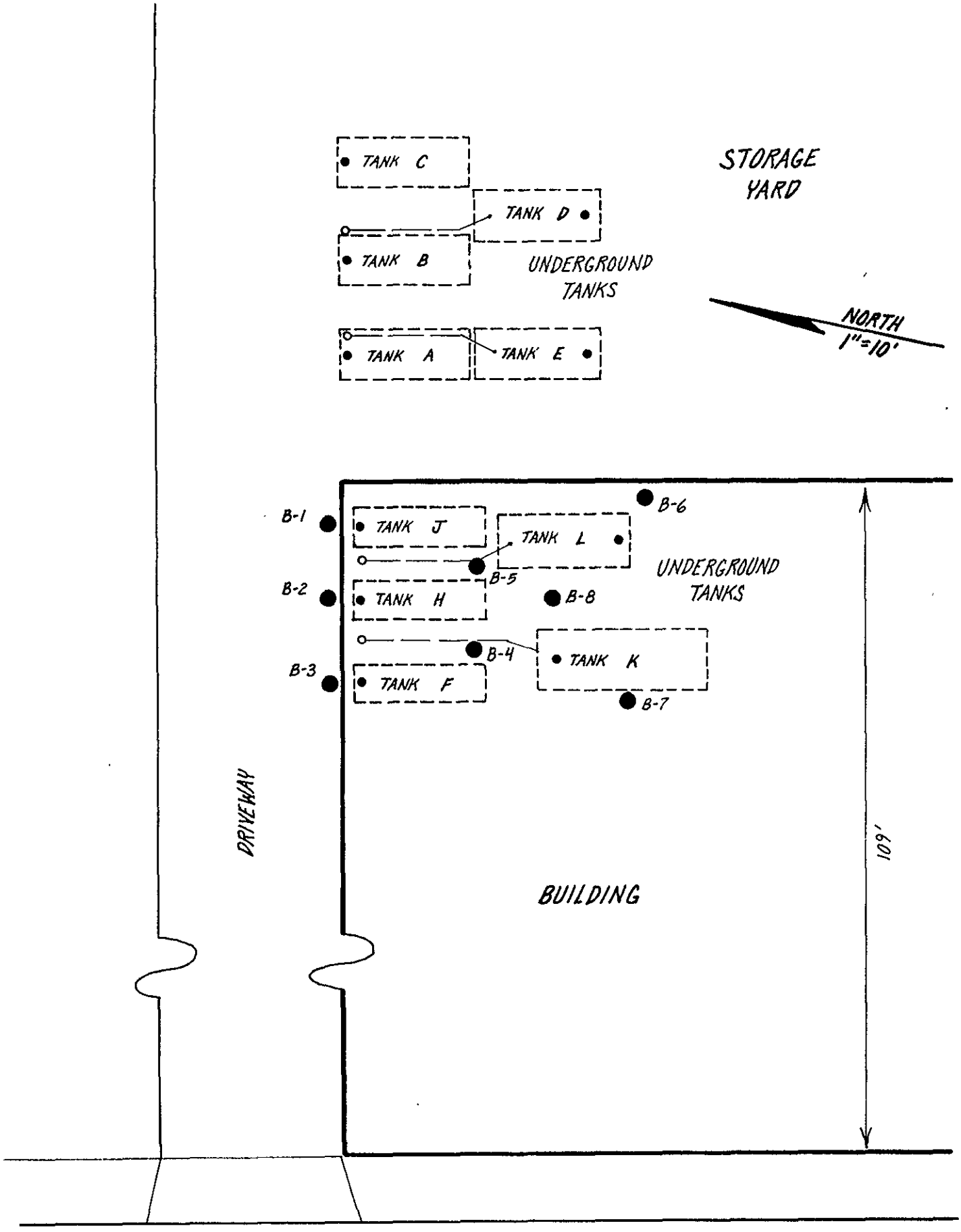


FIGURE 4. Locations of Hand Soil Borings.

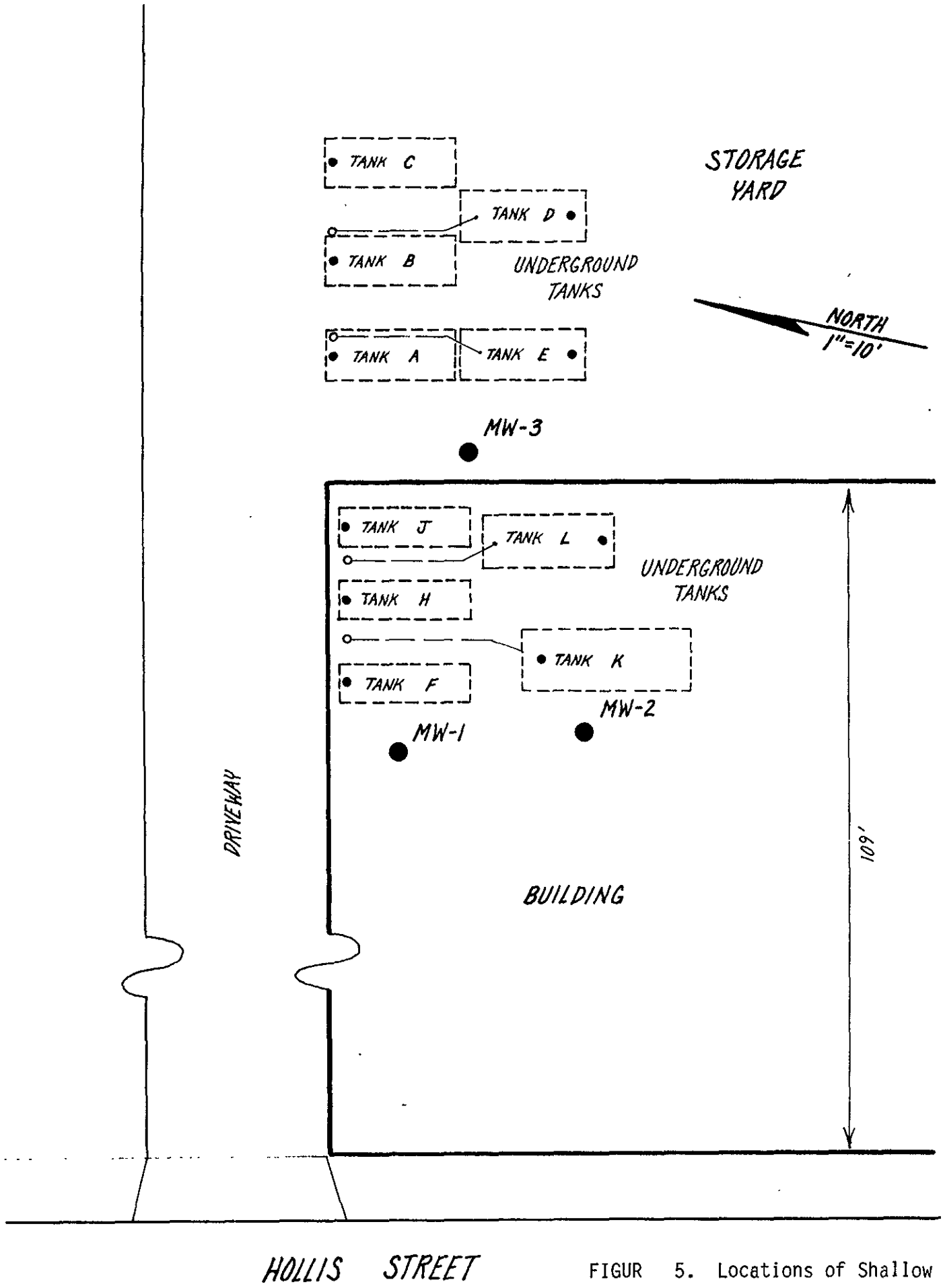
most notably borings B-7 and B-8, the soil adjacent to the underground tanks was found to be extremely hard and/or cemented in place. Sampling depths at locations B-7 and B-8 were therefore on the order of only 2 feet below ground surface.

At each sampling location, a 2-inch split-barrel sampler fitted with brass liners was driven by hand into the undisturbed soil. The ends of one brass liner from each drive were sealed with teflon film, over which was placed a plastic end-cap. The end-cap was then sealed onto the brass tube with clean plastic adhesive tape. All samples were immediately placed on ice, then transported under chain-of-custody to Sequioa Analytical Laboratory in Concord upon completion of the field work.

Monitoring Well Installations

The locations of the monitoring wells are shown in Figure 5. The locations were selected based upon the expected shallow groundwater flow direction.

On June 27, 1992, the three shallow groundwater monitoring wells were installed on the site (wells MW-1, MW-2, and MW-3). Each well was installed with a truck-mounted drill rig using 6-inch hollow-stem augers (SIMCO confined space drill rig). The borings were drilled by Gregg Drilling, Concord, CA. During the drilling for the monitoring wells, soil samples for chemical analyses were collected at 5-foot intervals until a saturated zone was encountered. At each sampling location, a 2-inch split-barrel sampler fitted with brass liners was driven into the undisturbed soil using a pneumatic drive hammer. The ends of one brass liner from



FIGUR 5. Locations of Shallow Groundwater Monitoring Wells.

each drive were sealed with teflon film, over which was placed a plastic end-cap. The end-cap was then sealed onto the brass tube with clean plastic adhesive tape. All samples were immediately placed on ice, then transported under chain-of-custody to the laboratory upon completion of the field work.

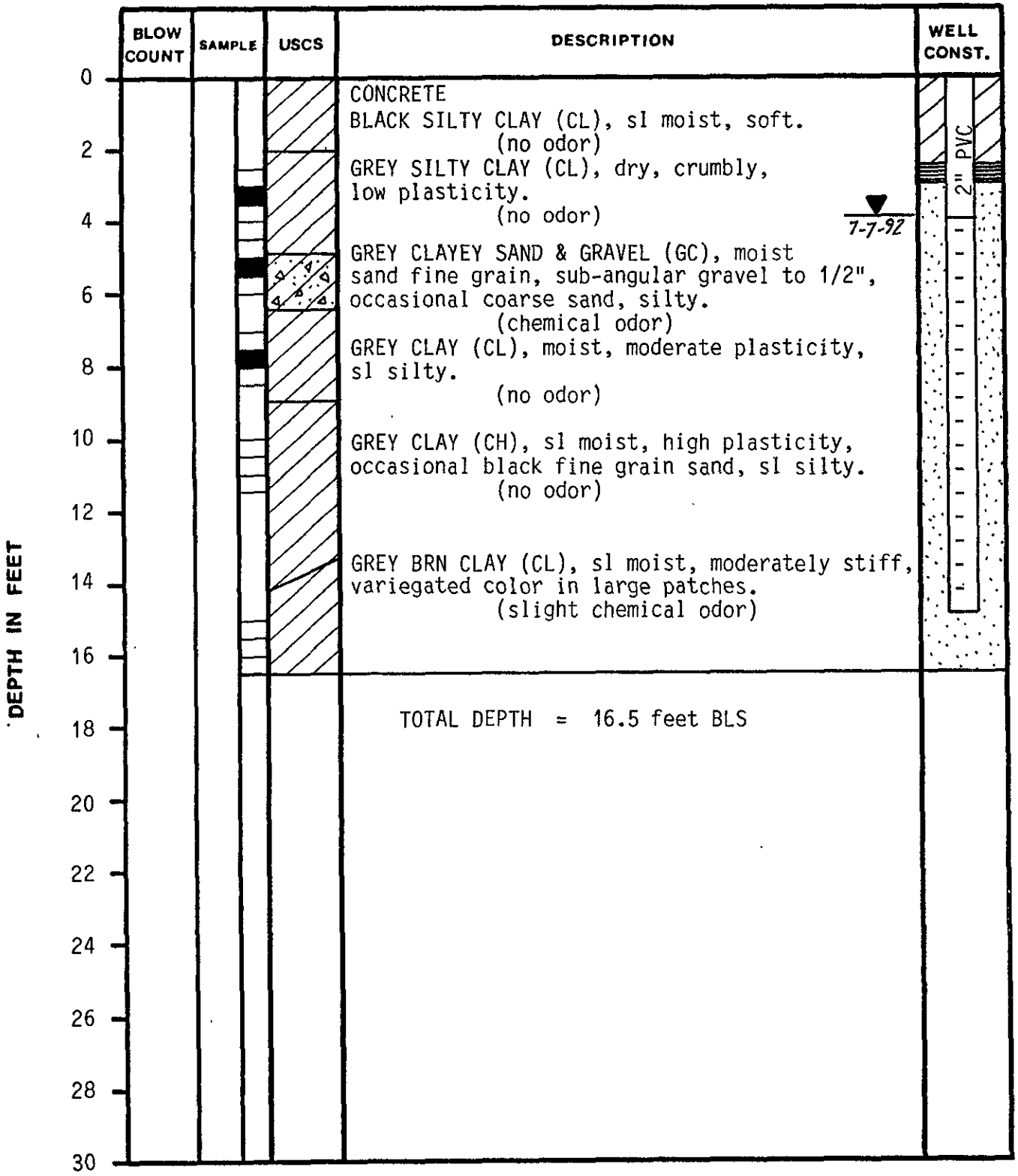
Wells MW-1 and MW-2 were cased with 11 feet of 2-inch PVC slotted screen pipe (0.02" slots) and completed to a depth of 15 feet below the ground surface. Well MW-3 was cased with 13 feet of 2-inch PVC slotted screen pipe (0.02" slots) and completed to a depth of 17 feet below the ground surface. why?

The annular spaces of wells MW-1, MW-2 and MW-3 were packed with #3 Monterey sand to approximately two feet above the top of the screened section. Approximately one foot of wetted bentonite pellets were placed upon each sand pack, followed by a neat cement grout seal up to the ground surface. Each well was fitted with a water-tight locking cap and a water-tight steel traffic lid.

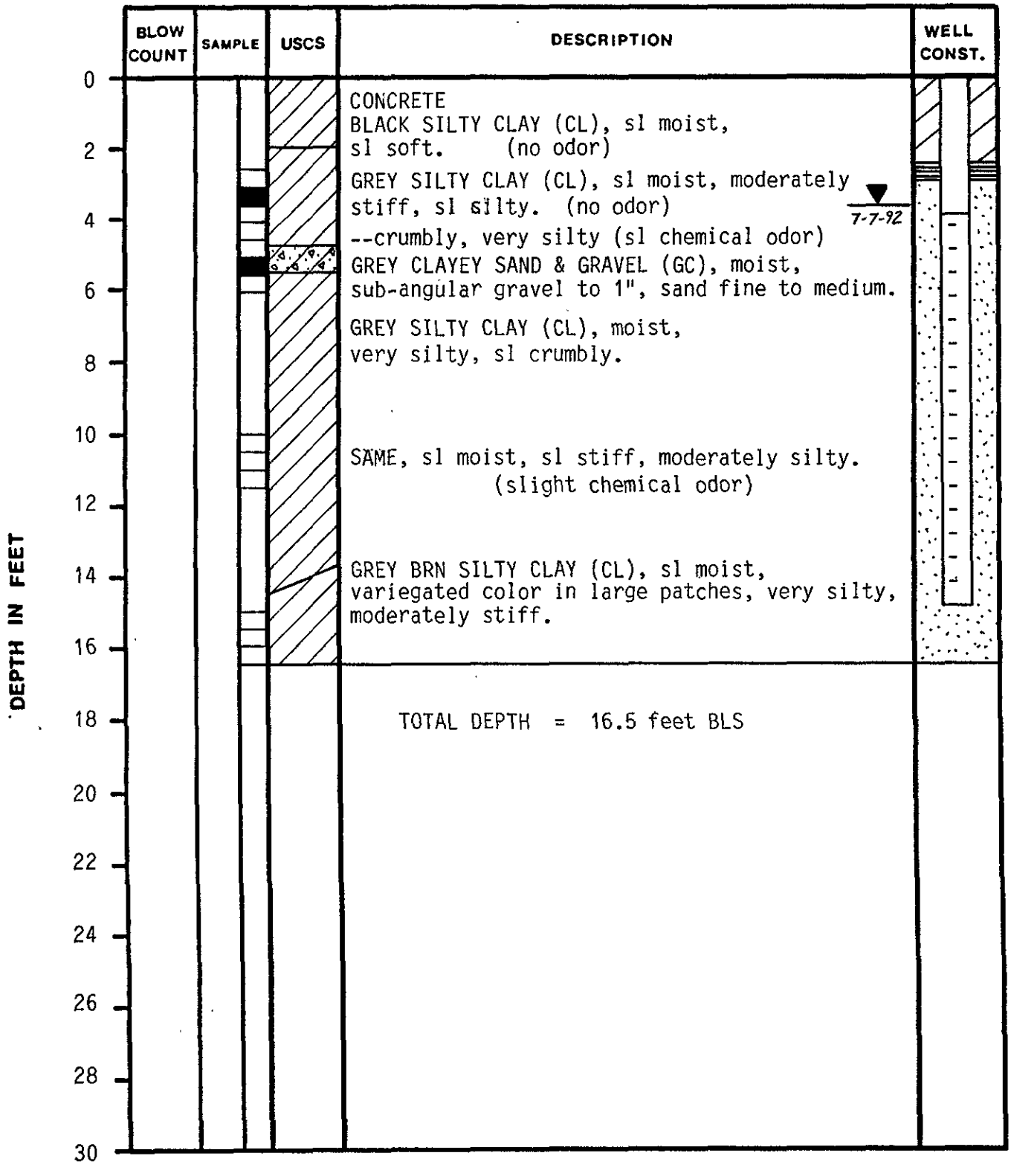
Well construction diagrams for the monitoring wells are included in Attachment A.

Boring Logs

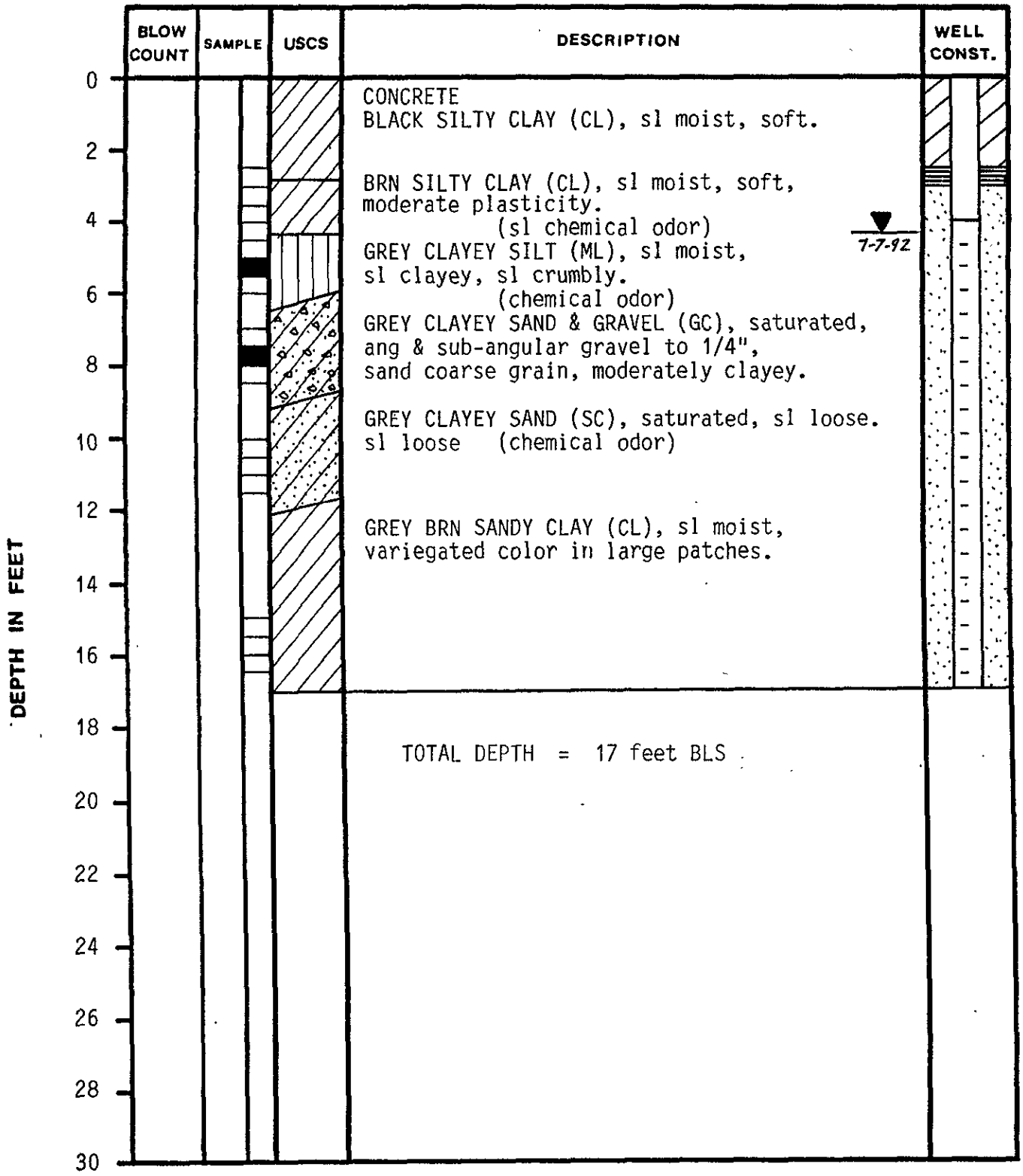
All of the monitoring well borings were logged in the field by Gary Aguiar, Registered Civil Engineer #34262. The boring logs for the three monitoring wells are shown as Figures 6, 7, and 8.



HAGEMAN - AGUIAR, INC.	LOG OF MONITORING WELL MW-1 6460 Hollis Street, Emeryville, CA	FIGURE 6
DATE 6/27/92	PROJECT NO.	
TOC ELEVATION	EQUIPMENT 6" Hollow Stem Auger	



HAGEMAN - AGUIAR, INC.	LOG OF MONITORING WELL MW-2 6460 Hollis Street, Emeryville, CA	FIGURE 7
DATE 6/27/92	PROJECT NO.	
TOC ELEVATION	EQUIPMENT 6" Hollow Stem Auger	



HAGEMAN - AGUIAR, INC.	LOG OF MONITORING WELL MW-3 6460 Hollis Street, Emeryville, CA	FIGURE
DATE 6/27/92	PROJECT NO.	8
TOC ELEVATION	EQUIPMENT 6" Hollow Stem Auger	

Monitoring Well Sampling

On June 29, 1992, the newly installed monitoring wells MW-1, MW-2 and MW-3 were developed. During the development of each well, groundwater was pumped using a hand bailer. During the well development, each well was periodically surged using a hand-operated surge block in an attempt to remove silt and thereby achieve good well development.

Prior to groundwater sampling on July 7, 1992, each well was purged by bailing approximately 10 casing volumes of water. Field conductivity, temperature, and pH meters were present on-site during the monitoring well sampling. As the purging process proceeded, the three parameters were monitored. Purging continued until readings appeared to have reasonably stabilized. After the water level in the well had attained 80% or more of the original static water level, a groundwater sample was collected using a clean teflon bailer. The water samples were placed inside appropriate 40 mL VOA vials and 1 liter amber bottles free of any headspace. The samples were immediately placed on crushed ice, then transported under chain-of-custody to Sequioa Analytical Laboratory in Concord by the end of the day.

At the time each monitoring well was sampled, the following information was recorded in the field: 1) depth-to-water prior to purging, using an electrical well sounding tape, 2) identification of any floating product, sheen, or odor prior to purging, using a clear teflon bailer, 3) sample pH, 4) sample temperature, and 5) specific conductance of the sample.

Copies of the monitoring development and sampling logs are included as Attachment B.

Decontamination

Prior to the installation of each well, all drilling equipment, including augers, drill stem, and split barrel samplers, was steam-cleaned.

Waste Generation

All drill cuttings were stockpiled on-site and covered with plastic sheeting, until the results of laboratory analyses were obtained. Depending upon these results, the cuttings should be disposed of as either a non-hazardous waste, or else transported as a hazardous waste under proper manifest to an appropriate TSD facility. In the case of contaminated soil, it may be possible to remove residual petroleum hydrocarbons concentrations by aeration under permit from the Bay Area Air Quality Management District (BAAQMD), and thereby facilitate disposal as a non-hazardous waste. The disposal of the drill cuttings is the responsibility of the property owner (waste generator), and is beyond the scope of work as described in this report.

All water removed from the wells during development and purging was drummed and stored on-site until the results of laboratory analyses were obtained. Based upon these results, the water should be sewered (if possible) as a non-hazardous liquid waste in accordance with local sewering agency permit requirements, or else it should be transported as a hazardous liquid waste under proper manifest to an appropriate TSD facility for treatment and disposal. The disposal of wastewater is the responsibility of the property owner (waste generator), and is beyond the scope of work as described in this report.

IV. RESULTS OF WATER LEVEL MEASUREMENTS

Shallow Groundwater Flow Direction.

Shallow water table elevations were measured on July 7, 1992. These measurements are shown in Table 1. Figure 9 presents a contour map for the shallow groundwater table beneath the site. As shown in this figure, the data from these monitoring wells indicate that the shallow groundwater flow beneath the site is in the westerly direction.

Shallow Water Table Hydraulic Gradient

Figure 9 presents the contour map for the shallow groundwater table beneath the site. As shown in this figure, the shallow groundwater table beneath the site appears to be somewhat steep, with a calculated hydraulic gradient of dH/dL = 1'/16' = 0.065

TABLE 1.

Shallow Water Table Elevations
July 7, 1992

Well	Top of Casing Elevation (feet)	Depth to Water (feet)	Water Table Elevation (feet)
MW-1	100.00	3.90	96.10
MW-2	100.04	3.66	96.38
MW-3	101.99	4.35	97.64

Datum is the top-of-rim on MW-1 well box set at 100.00 feet.

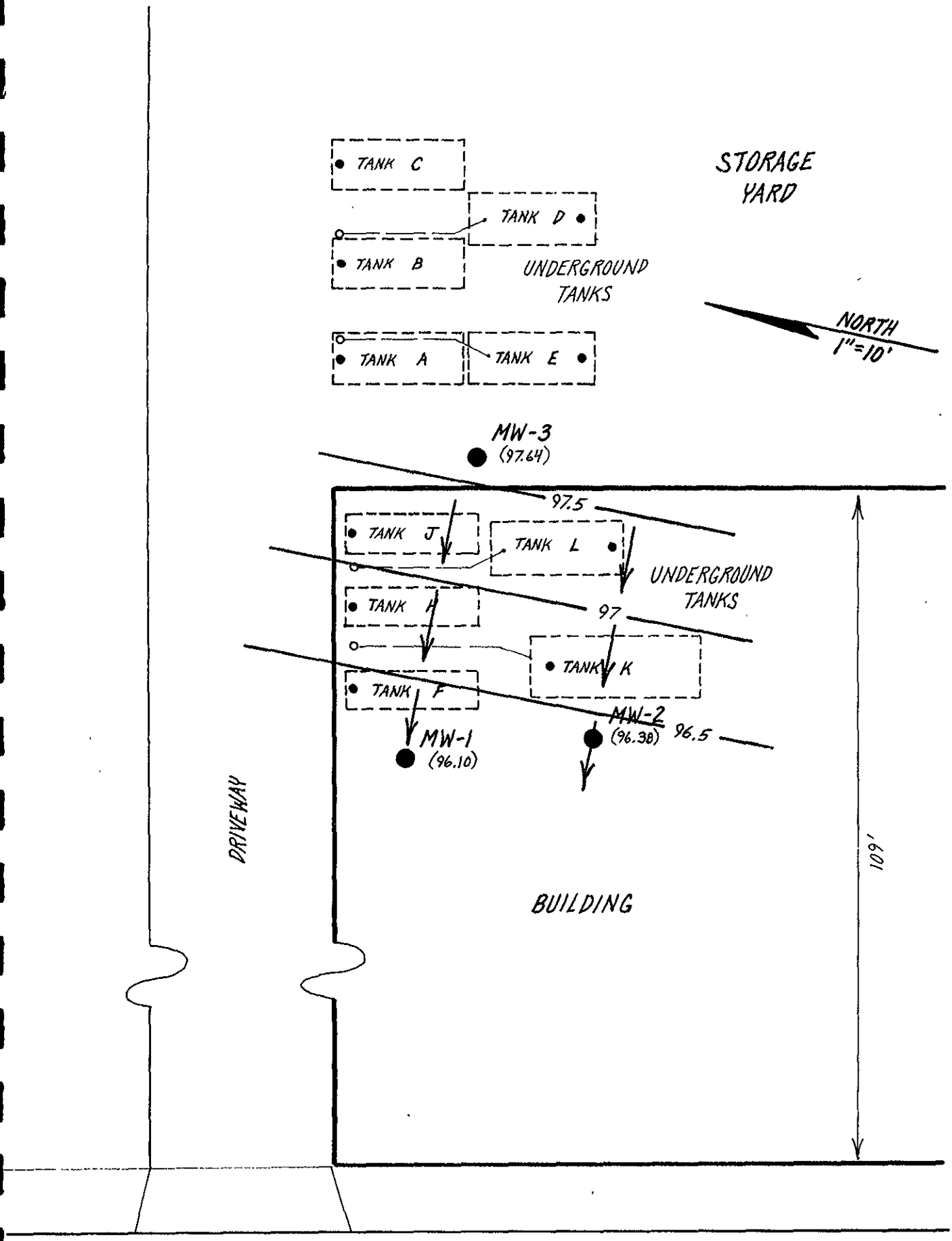


FIGURE 9. Shallow Groundwater Table Contour Map (July 7, 1992).

V. ANALYTICAL RESULTS

All analyses were conducted by a California State DOHS certified laboratory in accordance with EPA recommended procedures.

All soil samples were analyzed for:

1) Total Petroleum Hydrocarbons as Diesel (EPA 8015)
2) Total Petroleum Hydrocarbons as Kerosene (EPA 8015)
3) Total Petroleum Hydrocarbons as Mineral Spirits (EPA 8015)
4) Total Petroleum Hydrocarbons as Gasoline (EPA 8015)
5) Benzene, Toluene, Ethylbenzene, Total Xylenes (EPA 8020)
6) Oil & Grease (EPA 413.1)
7) Halogenated Volatile Organics (EPA 8010)
8) Industrial Solvents Scan (EPA method 8015 modified)
9) Ethyl Silicate (by GC/MS)

All Groundwater and Tank Liquid samples were analyzed for:

1) Total Petroleum Hydrocarbons as Diesel (EPA 8015)
2) Total Petroleum Hydrocarbons as Kerosene (EPA 8015)
3) Total Petroleum Hydrocarbons as Mineral Spirits (EPA 8015)
4) Total Petroleum Hydrocarbons as Gasoline (EPA 8015)
5) Benzene, Toluene, Ethylbenzene, Total Xylenes (EPA 8020)
6) Oil & Grease (EPA 413.1)
7) Purgeable Halocarbons (EPA 601)
8) Industrial Solvents Scan (EPA method 8015 modified)

Analytical Results: Tank Contents

Table 2 presents the results of the laboratory analysis of the liquid samples collected from the four of the underground storage tanks F, H, J and L located within the building (see Figure 3). Copies of the laboratory reports for the soil sample analyses are included in Attachment C.

The results of the laboratory analyses indicate that the four tanks currently store, or have been used to store in the past, the following chemicals:

TANK F - Diesel
sec-Butanol

TANK H - Diesel

TANK J - Mineral Spirits

TANK L - Mineral Spirits
Methyl Isobutyl Ketone (MIBK)
Tetrachloroethene
sec-Butanol

TABLE 2. Tank Contents Sampling Results

Chemical		TANK F	TANK H	TANK J	TANK L
Diesel	(mg/kg)	730,000	660,000	ND	ND
Kerosene	(ug/L)	ND	ND	ND	ND
Mineral Spirits	(ug/L)	ND	ND	220,000	290
Methyl Ethyl Ketone (MEK)	(mg/L)	ND	ND	ND	ND
Methyl Isobutyl Ketone (MIBK)	(mg/L)	ND	ND	ND	1,500
cis-1,2-Dichloroethene	(ug/L)	ND	ND	ND	ND
Tetrachloroethene	(ug/L)	ND	ND	ND	38,000
Trichloroethene (TCE)	(ug/L)	ND	ND	ND	ND
Benzene	(mg/L)	ND	ND	ND	ND
Toluene	(mg/L)	640	ND	ND	ND
Ethyl Benzene	(mg/L)	780	ND	ND	ND
Total Xylenes	(mg/L)	ND	ND	ND	ND
sec-Butanol	(mg/L)	130,000	ND	ND	63,000

ND = not detected

Analytical Results: Hand Boring Soil Samples

Table 3 presents the results of the laboratory analysis of the soil samples collected from the hand borings located adjacent to the various underground tanks inside the building (the boring locations are shown on Figure 4). Copies of the laboratory reports for the soil sample analyses are included in Attachment D.

As shown in Table 3, low levels of Total Petroleum Hydrocarbons as Gasoline, Diesel and Mineral Spirits were found in the various soil samples at concentrations of up to 42 mg/kg (ppm), 60 mg/kg (ppm) and 26 mg/kg (ppm), respectively.

Concentrations of Tetrachloroethene were consistently found at all boring locations. Concentrations of Tetrachloroethene in the soil ranged from 160 µg/kg (ppb) at boring B-4 to 1,500 µg/kg at boring B-5.

TABLE 3. Hand Boring Soil Sampling Results.

Chemical		B-1	B-2	B-3	B-4	B-5	B-6
Gasoline	(mg/kg)	2.2	12	42	34	8.8	15
Diesel	(mg/kg)	3.4	1.5	52	30	32	41
Kerosene	(mg/kg)	ND	ND	ND	ND	ND	ND
Mineral Spirits	(mg/kg)	ND	1.8	ND	26	19	20
Methyl Ethyl Ketone (MEK)	(mg/kg)	ND	ND	ND	ND	ND	ND
Methyl Isobutyl Ketone (MIBK)	(mg/kg)	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	(ug/kg)	ND	ND	ND	ND	52	ND
Tetrachloroethene	(ug/kg)	360	340	230	160	1,500	230
Trichloroethene (TCE)	(ug/kg)	ND	ND	ND	ND	37	ND
Benzene	(mg/kg)	ND	ND	ND	ND	0.0073	ND
Toluene	(mg/kg)	0.0080	0.013	0.056	0.021	0.24	0.023
Ethyl Benzene	(mg/kg)	0.0058	ND	0.15	0.064	0.039	0.043
Total Xylenes	(mg/kg)	0.0057	0.0092	0.54	0.82	0.91	0.12
Ethyl Silicate	(ug/kg)	ND	ND	ND	ND	ND	ND
Oil & Grease	(mg/kg)	76	160	100	310	310	400

ND = not detected

TABLE 3 (cont.). Hand Boring Soil Sampling Results.

Chemical		B-7 2 ft bgs	B-8 2 ft bgs
Gasoline	(mg/kg)	29	3.2
Diesel	(mg/kg)	60	5.6
Kerosene	(mg/kg)	ND	ND
Mineral Spirits	(mg/kg)	ND	13
Methyl Ethyl Ketone (MEK)	(mg/kg)	ND	ND
Methyl Isobutyl Ketone (MIBK)	(mg/kg)	ND	ND
cis-1,2-Dichloroethene	(ug/kg)	ND	5.2
Tetrachloroethene	(ug/kg)	210	330
Trichloroethene (TCE)	(ug/kg)	ND	6.5
Benzene	(mg/kg)	ND	ND
Toluene	(mg/kg)	0.020	0.078
Ethyl Benzene	(mg/kg)	0.078	0.0051
Total Xylenes	(mg/kg)	0.090	0.049
Ethyl Silicate	(ug/kg)	ND	ND
Oil & Grease	(mg/kg)	260	160

ND = not detected

Analytical Results: Soil Samples During Well Installations

Table 4 presents the results of the laboratory analysis of the soil samples collected during the monitoring well installations. Copies of the laboratory reports for the soil sample analyses are included in Attachment E.

As shown in Table 4, significant levels of Total Petroleum Hydrocarbons as Gasoline, Diesel, Kerosene and Mineral Spirits were found in the 5-foot soil sample from well MW-2 at concentrations of 1,800 mg/kg (ppm), 3,000 mg/kg (ppm), 2,400 mg/kg (ppm) and 2,100 mg/kg (ppm), respectively. In addition, elevated levels of Total Petroleum Hydrocarbons as Gasoline, Diesel, Kerosene and Mineral Spirits were found in the 5-foot soil sample from well MW-1 at concentrations of 300 mg/kg (ppm), 540 mg/kg (ppm), 430 mg/kg (ppm) and 380 mg/kg (ppm), respectively.

Concentrations of Tetrachloroethene were found in the soil samples from the 5- and 7.5-foot depths in well MW-3 at concentrations of 31,000 µg/kg (ppb) and 4,500 µg/kg (ppb), respectively.

TABLE 4. Well Installation Soil Sampling Results.

Chemical		MW-1 @ 3'	MW-1 @ 5'	MW-2 @ 3'	MW-2 @ 5'	MW-3 @ 5'	MW-3 @ 7.5'
Gasoline	(mg/kg)	ND	300	140	1,800	55	85
Diesel	(mg/kg)	ND	540	500	3,000	24	6.9
Kerosene	(mg/kg)	ND	430	400	2,400	19	5.5
Mineral Spirits	(mg/kg)	ND	380	350	2,100	17	4.8
Methyl Ethyl Ketone (MEK)	(mg/kg)	ND	ND	ND	ND	41	ND
Methyl Isobutyl Ketone (MIBK)	(mg/kg)	ND	ND	ND	ND	4.9	ND
cis-1,2-Dichloroethene	(ug/kg)	ND	ND	ND	ND	720	ND
Tetrachloroethene	(ug/kg)	ND	ND	ND	ND	31,000	4,500
Trichloroethene (TCE)	(ug/kg)	ND	ND	ND	ND	420	ND
Benzene	(mg/kg)	ND	ND	ND	ND	ND	0.096
Toluene	(mg/kg)	ND	0.12	ND	0.80	19	1.7
Ethyl Benzene	(mg/kg)	ND	ND	0.11	ND	0.78	0.96
Total Xylenes	(mg/kg)	ND	2.6	0.79	2.6	5.8	8.0
Ethyl Silicate	(ug/kg)	ND	ND	ND	ND	ND	ND
Oil & Grease	(mg/kg)	ND	ND	ND	ND	ND	ND

ND = not detected

Analytical Results: Groundwater

Table 5 presents the results of the laboratory analysis of the groundwater samples collected from monitoring wells MW-1, MW-2, and MW-3. Copies of the laboratory reports for the groundwater sample analyses are included in Attachment F.

As shown in Table 5, significant levels of Total Petroleum Hydrocarbons as Gasoline, Diesel, Kerosene and Mineral Spirits were found in all of the shallow groundwater samples at concentrations of up to 1,400 µg/L (ppb), 17,000 µg/L (ppb), 17,000 µg/L (ppb) and 21,000 µg/L (ppb), respectively.

Along with the elevated concentrations of petroleum hydrocarbons in the shallow groundwater, there appears to be present significant Xylenes concentrations. Concentrations of meta-, para- and ortho-Xylene were found in all of the shallow groundwater samples at concentrations of up to 1,100 µg/L (ppb), 290 µg/L (ppb) and 520 µg/L (ppb), respectively. As noted on the respective laboratory reports in Attachment F, the resulting chromatograms for the Diesel, Kerosene and Mineral Spirits analyses did not exactly correspond to those for the method standards. The presence of the relatively high concentrations of Xylenes may have resulted in the apparent interference during the sample analyses.

As shown in Table 5, several Halogenated Volatile Organic Compounds were detected in the shallow groundwater samples collected from wells MW-1, MW-2 and MW-3. Tetrachloroethene was detected in the shallow groundwater samples collected from wells MW-2 and MW-3 at concentrations of 52 µg/L (ppb) and 2,200 µg/L (ppb), respectively.

1,1-Dichloroethane was detected in the shallow groundwater samples collected from wells MW-1, MW-2 and MW-3 at concentrations of 36 µg/L (ppb), 22 µg/L (ppb) and 30 µg/L

TABLE 5. Groundwater Sampling Results (July 7, 1992).

Chemical	MW-1	MW-2	MW-3
Gasoline (ug/L)	680	1,400	9,300
Diesel (ug/L)	6,100	17,000	20,000
Kerosene (ug/L)	6,100	17,000	20,000
Mineral Spirits (ug/L)	6,400	20,000	21,000
Benzene (ug/L)	3.8	ND	ND
Toluene (ug/L)	ND	12	3,600
Ethyl Benzene (ug/L)	38	69	ND
m-Xylene (ug/L)	270	1,100	530
o-Xylene (ug/L)	290	260	210
p-Xylene (ug/L)	240	520	430
Methyl Ethyl Ketone (MEK) (ug/L)	ND	ND	ND
Methyl Isobutyl Ketone (MIBK) (ug/L)	ND	ND	ND
Oil & Grease (ug/L)	14	19	28

ND = not detected

TABLE 5 (continued). Groundwater Sampling Results.

Chemical	MW-1	MW-2	MW-3
Carbon Tetrachloride (ug/L)	ND	ND	980
1,1-Dichloroethane (ug/L)	36	22	30
1,2-Dichloroethane (ug/L)	ND	ND	450
cis-1,2-Dichloroethene (ug/L)	ND	99	630
Tetrachloroethene (ug/L)	ND	52	2,200
1,1,1-Trichloroethane (ug/L)	ND	ND	81
Trichloroethene (TCE) (ug/L)	ND	21	300
Vinyl Chloride (ug/L)	ND	46	ND

ND = not detected

(ppb), respectively.

Cis-1,2-Dichloroethene was detected in the shallow groundwater samples collected from wells MW-2 and MW-3 at concentrations of 99 µg/L (ppb) and 630 µg/L (ppb), respectively.

Trichloroethene was detected in the shallow groundwater samples collected from wells MW-2 and MW-3 at concentrations of 21 µg/L (ppb) and 300 µg/L (ppb), respectively.

Carbon Tetrachloride, 1,2-Dichloroethane, and 1,1,1-Trichloroethane was detected in the shallow groundwater sample collected from well MW-3 at concentrations of 980 µg/L (ppb), 450 µg/L (ppb) and 81 µg/L (ppb), respectively.

Vinyl Chloride was detected in the shallow groundwater sample collected from well MW-2 at a concentration of 46 µg/L (ppb).

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PROPERTY AT
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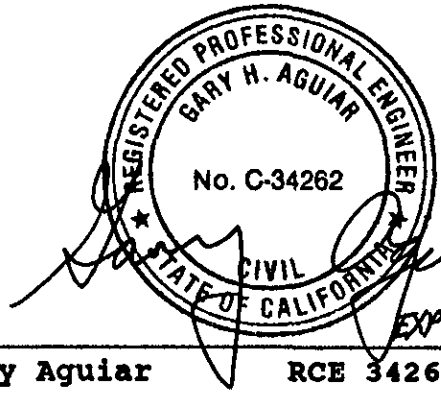
(Rix Industries)

July 24, 1992



EXP. 9-30-95

Gary Aguiar RCE 34262

Bruce Hageman

ATTACHMENT A

Well Construction Diagrams

Survey Data

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

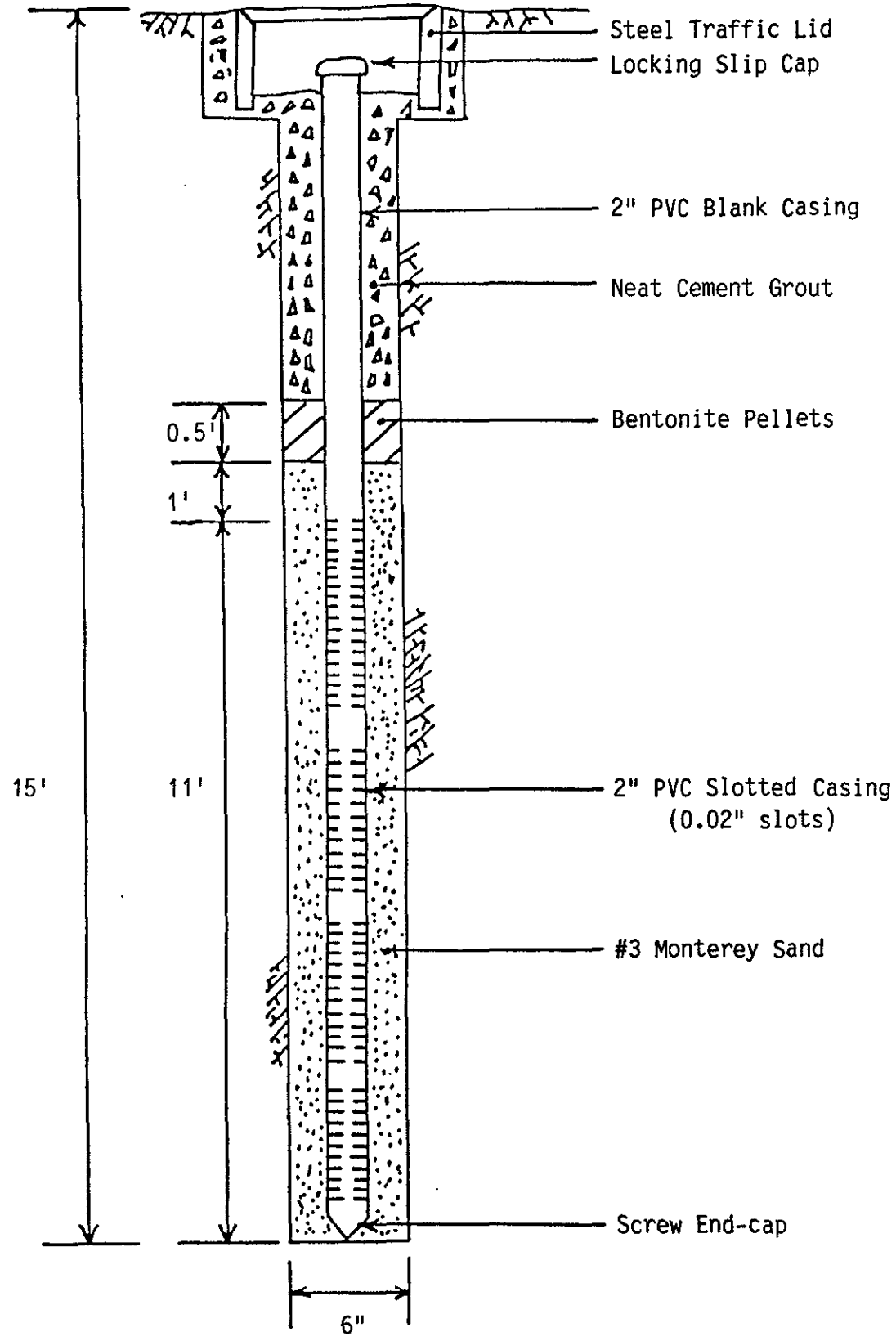
REMOVED

CONFIDENTIAL

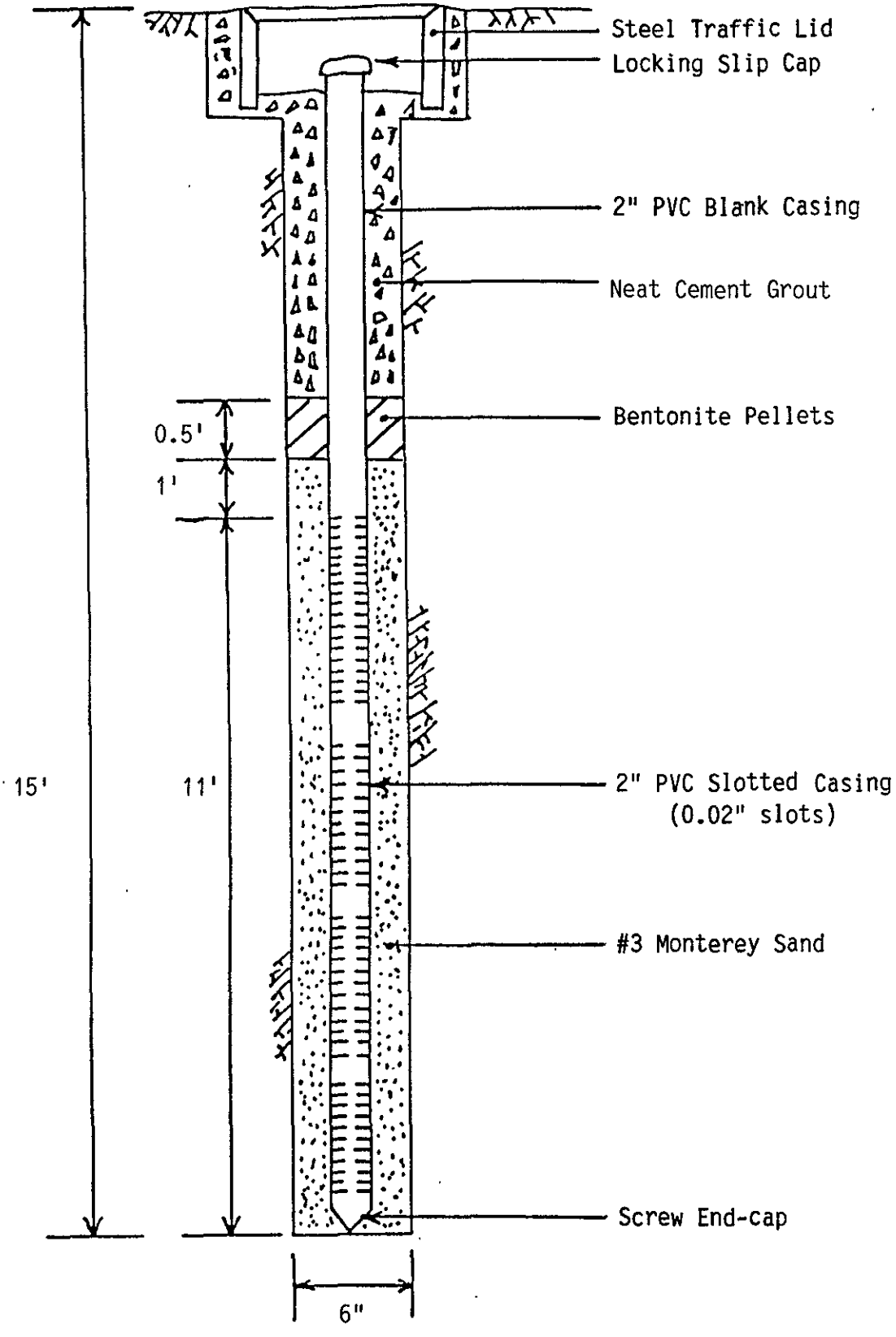
STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

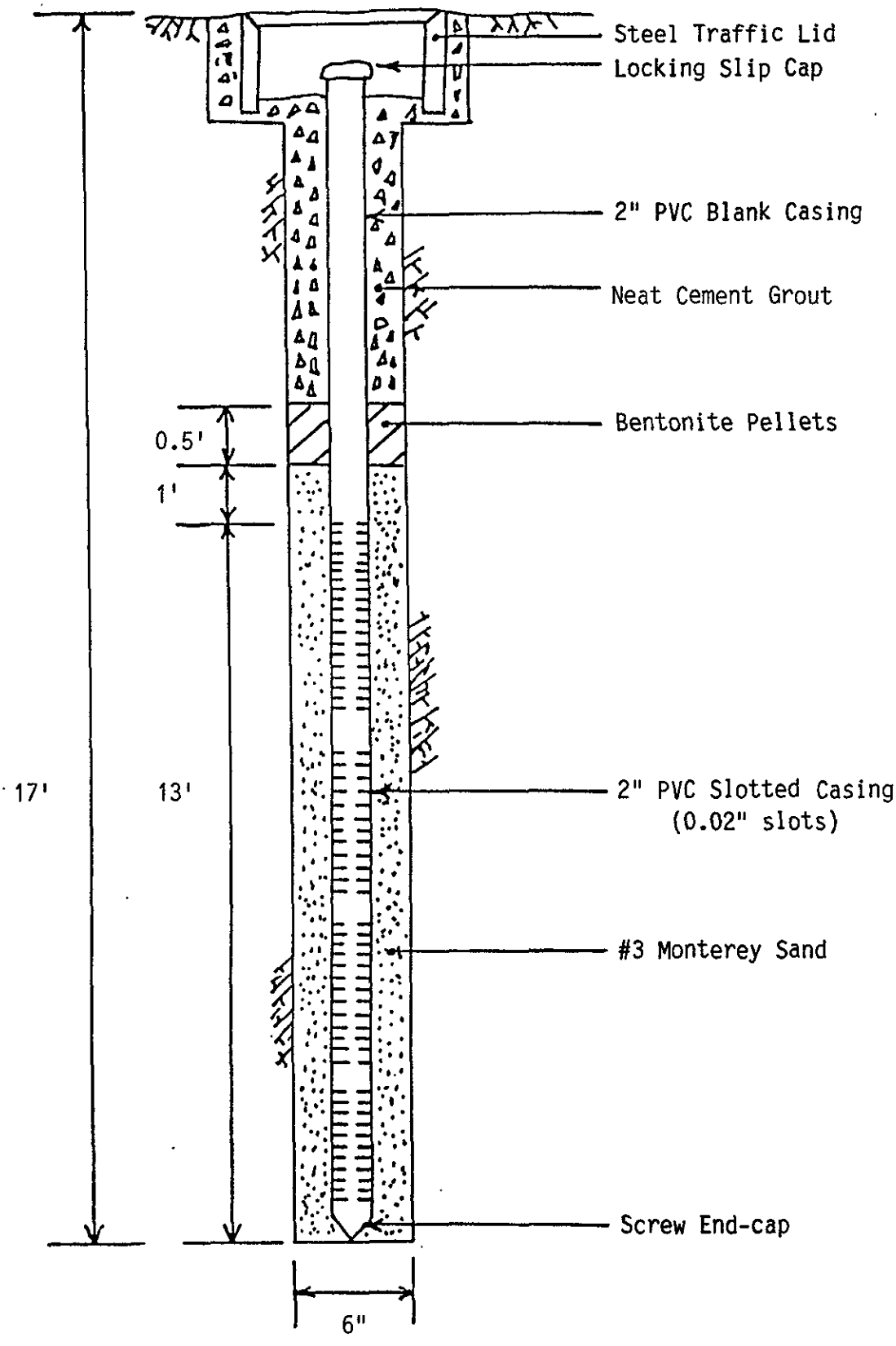
MONITORING WELL MW-1



MONITORING WELL MW-2



MONITORING WELL MW-3



JULY 21, 1992
GARY AGUIAR
BRUCE HAGEMAN

SOKKIA $C3_2$ AUTO LEVEL
TOPO ROD

SUNNY, WARM

RIX INDUSTRIES
6460 HOLLIS STREET
EMERYVILLE, CA

MONITORING WELL ELEVATIONS

STN	BS	HI	FS	ELEV
MW-1				100.00
	5.33	105.33		
MW-2			5.29	100.04
TP-1			3.73	101.60
	5.84	107.44		
MW-3			5.45	101.99
TP-2			5.84	101.60
	3.85	105.45		
MW-1			5.45	100.00

MONITORING WELL MW-1, TOP-OF-RIM

MONITORING WELL MW-2, TOP-OF-RIM

MONITORING WELL MW-3, TOP-OF-RIM

ATTACHMENT B

Well Sampling Logs

WELL DEVELOPMENT LOG

Project/No. Rix Industries

Page 1 of 3

Site Location Emeryville

Date 6-29-92

Well No. MW 1

Time Began 1105

Weather Showers / 60°F

Completed 1150

EVACUATION DATA

Description of Measuring Point (MP) Well Box At Grade

Total Sounded Depth of Well Below MP 14.90 . Total After Development 15.06

- Depth to Water Below MP 3.88

Diameter of Casing 2"

= Water Column in Well 11.02

Gallons in Casing 1.8 + Annular Space (30% porosity) (x 10) = Total Gallons 18

Gallons Pumped During Development 20

Evacuation Method Acrylic Manual Bailer

DEVELOPMENT / FIELD PARAMETERS

Color Gray Odor HC

Appearance High TDS

Time	Gallons	Temperature	Conductivity	pH	Clarity / Silt Content
1105 (5 min. Manual Surge w/Block + Extensions)					
1117	5	18.5	2500	7.4	Very High
1123	10	(5 min. Surge)	—	—	—
1136	15	(5 min. Surge)	—	—	—
1150	20	18.1	1050	7.3	Med

Field Personnel J. Roth

WELL DEVELOPMENT LOG

Project/No. RIX INDUSTRIES Page 2 of 3

Site Location EMERYVILLE

Date 6-29-92

Well No. MW 2

Weather SHOWERS / 60°F Time Began 1200

Completed 1232

EVACUATION DATA

Description of Measuring Point (MP) WELL BOX AT GRADE

Total Sounded Depth of Well Below MP 14.96. TOTAL AFTER DEVELOPMENT 15.24

- Depth to Water Below MP 3.69 Diameter of Casing 2"

= Water Column in Well 11.27

Gallons in Casing 1.8 + Annular Space (30% porosity) (X 10) = Total Gallons 18

Gallons Pumped During Development 20

Evacuation Method ACRYLIC MANUAL BAILER

DEVELOPMENT / FIELD PARAMETERS

Color GREY Odor HC

Appearance HIGH TDS

Time	Gallons	Temperature	Conductivity	pH	Clarity / Silt Content
1200 (5 MIN SURGE W/BLOCK + EXTENSIONS)					
1208	5	18.5	1150	7.5	VERY HIGH
1219	10 (5 MIN SURGE)			-	-
1224	15 (5 MIN SURGE)			-	-
1232	20	18.3	700	8.5	MED

Field Personnel J. ROTH

WELL DEVELOPMENT LOG

Project/No. RIX INDUSTRIES

Page 3 of 3

Site Location EMERYVILLE

Date 6-29-92

Well No. MW 3

Time Began 1016

Weather SHOWERS / 60°F

Completed 1056

EVACUATION DATA

Description of Measuring Point (MP) WELL BOX AT GRADE

Total Sounded Depth of Well Below MP 16.62. TOTAL AFTER DEVELOPMENT 17.50

Diameter of Casing 2"

- Depth to Water Below MP 4.33.

= Water Column in Well 12.29

Gallons in Casing 2.0 + Annular Space (X 10) = Total Gallons 20
(30% porosity)

Gallons Pumped During Development 20

Evacuation Method ACRYLIC MANUAL BAILER

DEVELOPMENT / FIELD PARAMETERS

Color GRAY Odor HC

Appearance HIGH TDS

Time	Gallons	Temperature	Conductivity	pH	Clarity / Silt Content
1016	(5 MIN. MANUAL SURGE W/ BLOCK & EXTENSIONS)				
1025	5	20.5	1200	7.2	VERY HIGH
1035	10 (5 MIN SURGE)			—	—
1042	15 (5 MIN SURGE)			—	—
1056	20	20.8	1000	6.9	MED

Field Personnel J. ROTH

WELL SAMPLING LOG

Project/No. RIX INDUSTRIES Page 1 of 3

Site Location EMERYVILLE

Date 7-7-92

Well No. MW 1

Weather OVERCAST / 70°F Time Began 0915
Completed 0955

EVACUATION DATA

Description of Measuring Point (MP) WELL BOX AT GRADE

Total Sounded Depth of Well Below MP 15.02

- Depth to Water Below MP 3.90 Diameter of Casing 2"

= Water Column in Well 11.12

Gallons in Casing 1.8 + Annular Space (30% porosity) (x 10) = Total Gallons 18

Gallons Pumped Prior to Sampling 18

Evacuation Method ACRYLIC HAND BAILER

SAMPLING DATA / FIELD PARAMETERS

Inspection for Free Product: NONE DETECTED
(thickness to 0.1 inch, if any)

Time	0915	0924	0937	0945
Gals Removed	0	6	12	18
Temperature	19.1	18.7	18.8	18.3
Conductivity	950	900	850	900
pH	6.6	6.8	6.8	6.8
* Color / Odor	CLR/SOL	LT. GRY/SOL	LT. GRY/SOL	LT. GRY/SOL
Turbidity	LOW	MED	MED	MED

Comments: * APPARENT SOLVENT ODOR PRESENT THROUGHOUT PURGE.

WELL SAMPLING LOG

Project/No. RIX INDUSTRIES Page 2 of 3

Site Location EMERYVILLE

Date 7-7-92

Well No. MW 2

Weather OVERCAST / 70 °F Time Began _____ Completed 1038

EVACUATION DATA

Description of Measuring Point (MP) WELL BOX AT GRADE

Total Sounded Depth of Well Below MP 15.23

- Depth to Water Below MP 3.66 Diameter of Casing 2"

= Water Column in Well 11.57

Gallons in Casing 1.9 + Annular Space (30% porosity) (x 10) = Total Gallons 19

Gallons Pumped Prior to Sampling 19

Evacuation Method ACRYLIC HAND BAILER

SAMPLING DATA / FIELD PARAMETERS

Inspection for Free Product: NONE DETECTED
(thickness to 0.1 inch, if any)

Time	1007	1013	1020	1028
Gals Removed	0	6	12	19
Temperature	19.7	18.9	18.7	18.2
Conductivity	1000	700	700	700
pH	6.7	7.1	7.0	7.0
* Color / Odor	CLR/SOL	LT GRY/SOL	LT GRY/SOL	LT GRY/SOL
Turbidity	LOW	MED	HIGH	HIGH

Comments: * APPARENT SOLVENT ODOR PRESENT THROUGHOUT PURGE.

WELL SAMPLING LOG

Project/No. Rix Industries Page 3 of 3

Site Location Emeryville

Date 7-7-92

Well No. MW3

Time Began 1045
Completed 1125

Weather Overcast / 70°F

EVACUATION DATA

Description of Measuring Point (MP) Well Box At Grade

Total Sounded Depth of Well Below MP 17.42

- Depth to Water Below MP 4.35 Diameter of Casing 2"

= Water Column in Well 13.07

Gallons in Casing 2.0 + Annular Space (30% porosity) (x10) = Total Gallons 20

Gallons Pumped Prior to Sampling 20

Evacuation Method Acrylic Hand Bailer

SAMPLING DATA / FIELD PARAMETERS

Inspection for Free Product: None Detected
(thickness to 0.1 inch, if any)

Time	1045	1056	1104	1112
Gals Removed	0	7	14	20
Temperature	22.3	22.2	21.9	22.0
Conductivity	1000	1000	1000	1000
pH	6.7	6.7	6.7	6.7
* Color / Odor	clr/sol	Grey/sol	Lt. Grey/sol	Lt. Grey/sol
Turbidity	Low	Med	High	High

Comments: * Apparent Solvent Odor Present Throughout Purge.

ATTACHMENT C

ANALYTICAL RESULTS:

SAMPLING OF TANK CONTENTS

SEQUOIA ANALYTICAL

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(510) 686-9600 • FAX (510) 686-9689

Hageman-Aguilar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., Ste #372	Matrix Descript:	Liquid	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 3550/8015	Extracted:	Jul 7, 1992
Attention: Gary Aguilar	First Sample #:	206-1357	Analyzed:	Jul 8, 1992
			Reported:	Jul 15, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015)

Sample Number	Sample Description	High B.P. Hydrocarbons mg/kg (ppm)
206-1357	TF	730,000
206-1358	TH	660,000

Detection Limits:	**12,000**

High Boiling Point Hydrocarbons are quantitated against a diesel fuel standard.
Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Karen L. Enstrom
Project Manager

Revised report 7/22/92

2061357.HHH <1>

SEQUOIA ANALYTICAL

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(510) 686-9600 • FAX (510) 686-9689

Hageman-Aguiar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., Ste 372	Matrix Descript:	Liquid	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 3550/8015	Extracted:	Jul 7, 1992
Attention: Gary Aguiar	First Sample #:	206-1359	Analyzed:	Jul 8, 1992
			Reported:	Jul 15, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015)

Sample Number	Sample Description	High B.P. Hydrocarbons mg/kg (ppm)
206-1359	TJ	N.D.

Detection Limits:	200

High Boiling Point Hydrocarbons are quantitated against a diesel fuel standard.
Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Karen L. Enstrom
Project Manager

Revised report 7/22/92

2061357.HHH <2>

SEQUOIA ANALYTICAL

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Hageman-Aguilar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., Ste 372	Matrix Descript:	Liquid	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 3550/8015	Extracted:	Jul 7, 1992
Attention: Gary Aguilar	First Sample #:	206-1360	Analyzed:	Jul 8, 1992
			Reported:	Jul 15, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015)

Sample Number	Sample Description	High B.P. Hydrocarbons mg/kg (ppm)
206-1360	TL	N.D.

Detection Limits:	**1.0**

High Boiling Point Hydrocarbons are quantitated against a diesel fuel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Karen L. Enstrom
Project Manager

Revised report 7/22/92

2061357.HHH <3>

SEQUOIA ANALYTICAL

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Hageman-Aguilar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., Ste 372	Matrix Descript:	Liquid	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 3510/8015	Extracted:	Jul 7, 1992
Attention: Gary Aguilar	First Sample #:	206-1357	Analyzed:	Jul 8, 1992
			Reported:	Jul 15, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015) as KEROSENE

Sample Number	Sample Description	High B.P. Hydrocarbons µg/L (ppb)
206-1357	TF	N.D.
206-1358	TH	N.D.
206-1359	TJ	N.D.
206-1360	TL	N.D.

Detection Limits:	**50**

High Boiling Point Hydrocarbons are quantitated against a kerosene standard.
Analytes reported as N.D. were not present above the stated limit of detection.

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Karen L. Enstrom
Project Manager

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Hageman-Aguilar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., Ste 372	Matrix Descript:	Liquid	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 3510/8015	Extracted:	Jul 7, 1992
Attention: Gary Aguilar	First Sample #:	206-1357	Analyzed:	Jul 8, 1992
			Reported:	Jul 15, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015) as MINERAL SPIRITS

Sample Number	Sample Description	High B.P. Hydrocarbons µg/L (ppb)
206-1357	TF	N.D.
206-1358	TH	N.D.
206-1360	TL	290

Detection Limits:	**50**

High Boiling Point Hydrocarbons are quantitated against a mineral spirits standard.
Analytes reported as N.D. were not present above the stated limit of detection.

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Karen L. Enstrom
Project Manager

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Hageman-Aguilar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., Ste 372	Matrix Descript:	Liquid	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 3510/8015	Extracted:	Jul 7, 1992
Attention: Gary Aguilar	First Sample #:	206-1359	Analyzed:	Jul 8, 1992
			Reported:	Jul 15, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015) as MINERAL SPIRITS

Sample Number	Sample Description	High B.P. Hydrocarbons µg/L (ppb)
206-1359	TJ	220,000

Detection Limits:	10,000

High Boiling Point Hydrocarbons are quantitated against a mineral spirits standard.
Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Karen L. Enstrom
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Hageman-Aguiar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., Ste 372	Sample Descript:	Liquid, TF	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 601	Analyzed:	Jul 10, 1992
Attention: Gary Aguiar	Lab Number:	206-1357	Reported:	Jul 15, 1992

PURGEABLE HALOCARBONS (EPA 601)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane	50,000	N.D.
Bromoform	50,000	N.D.
Bromomethane	50,000	N.D.
Carbon tetrachloride	50,000	N.D.
Chlorobenzene	50,000	N.D.
Chloroethane	50,000	N.D.
2-Chloroethylvinyl ether	50,000	N.D.
Chloroform	50,000	N.D.
Chloromethane	50,000	N.D.
Dibromochloromethane	50,000	N.D.
1,3-Dichlorobenzene	50,000	N.D.
1,4-Dichlorobenzene	50,000	N.D.
1,2-Dichlorobenzene	50,000	N.D.
1,1-Dichloroethane	50,000	N.D.
1,2-Dichloroethane	50,000	N.D.
1,1-Dichloroethene	50,000	N.D.
cis-1,2-Dichloroethene	50,000	N.D.
trans-1,2-Dichloroethene	50,000	N.D.
1,2-Dichloropropane	50,000	N.D.
cis-1,3-Dichloropropene	50,000	N.D.
trans-1,3-Dichloropropene	50,000	N.D.
Methylene chloride	500,000	N.D.
1,1,2,2-Tetrachloroethane	50,000	N.D.
Tetrachloroethene	50,000	N.D.
1,1,1-Trichloroethane	50,000	N.D.
1,1,2-Trichloroethane	50,000	N.D.
Trichloroethene	50,000	N.D.
Trichlorofluoromethane	50,000	N.D.
Vinyl chloride	50,000	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Karen L. Enstrom
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Hageman-Aguiar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., Ste 372	Sample Descript:	Liquid, TH	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 601	Analyzed:	Jul 10, 1992
Attention: Gary Aguiar	Lab Number:	206-1358	Reported:	Jul 15, 1992

PURGEABLE HALOCARBONS (EPA 601)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane	1,000	N.D.
Bromoform	1,000	N.D.
Bromomethane	1,000	N.D.
Carbon tetrachloride	1,000	N.D.
Chlorobenzene	1,000	N.D.
Chloroethane	1,000	N.D.
2-Chloroethylvinyl ether	1,000	N.D.
Chloroform	1,000	N.D.
Chloromethane	1,000	N.D.
Dibromochloromethane	1,000	N.D.
1,3-Dichlorobenzene	1,000	N.D.
1,4-Dichlorobenzene	1,000	N.D.
1,2-Dichlorobenzene	1,000	N.D.
1,1-Dichloroethane	1,000	N.D.
1,2-Dichloroethane	1,000	N.D.
1,1-Dichloroethene	1,000	N.D.
cis-1,2-Dichloroethene	1,000	N.D.
trans-1,2-Dichloroethene	1,000	N.D.
1,2-Dichloropropane	1,000	N.D.
cis-1,3-Dichloropropene	1,000	N.D.
trans-1,3-Dichloropropene	1,000	N.D.
Methylene chloride	10,000	N.D.
1,1,2,2-Tetrachloroethane	1,000	N.D.
Tetrachloroethene	1,000	N.D.
1,1,1-Trichloroethane	1,000	N.D.
1,1,2-Trichloroethane	1,000	N.D.
Trichloroethene	1,000	N.D.
Trichlorofluoromethane	1,000	N.D.
Vinyl chloride	1,000	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Karen L. Enstrom
Project Manager

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Hageman-Aguiar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., Ste 372	Sample Descript:	Liquid, TJ	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 601	Analyzed:	Jul 10, 1992
Attention: Gary Aguiar	Lab Number:	206-1359	Reported:	Jul 15, 1992

PURGEABLE HALOCARBONS (EPA 601)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane	1,000	N.D.
Bromoform	1,000	N.D.
Bromomethane	1,000	N.D.
Carbon tetrachloride	1,000	N.D.
Chlorobenzene	1,000	N.D.
Chloroethane	1,000	N.D.
2-Chloroethylvinyl ether	1,000	N.D.
Chloroform	1,000	N.D.
Chloromethane	1,000	N.D.
Dibromochloromethane	1,000	N.D.
1,3-Dichlorobenzene	1,000	N.D.
1,4-Dichlorobenzene	1,000	N.D.
1,2-Dichlorobenzene	1,000	N.D.
1,1-Dichloroethane	1,000	N.D.
1,2-Dichloroethane	1,000	N.D.
1,1-Dichloroethene	1,000	N.D.
cis-1,2-Dichloroethene	1,000	N.D.
trans-1,2-Dichloroethene	1,000	N.D.
1,2-Dichloropropane	1,000	N.D.
cis-1,3-Dichloropropene	1,000	N.D.
trans-1,3-Dichloropropene	1,000	N.D.
Methylene chloride	10,000	N.D.
1,1,2,2-Tetrachloroethane	1,000	N.D.
Tetrachloroethene	1,000	N.D.
1,1,1-Trichloroethane	1,000	N.D.
1,1,2-Trichloroethane	1,000	N.D.
Trichloroethene	1,000	N.D.
Trichlorofluoromethane	1,000	N.D.
Vinyl chloride	1,000	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Karen L. Enstrom
Project Manager

SEQUOIA ANALYTICAL

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Hageman-Aguiar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., Ste 372	Sample Descript:	Liquid, TL	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 601	Analyzed:	Jul 10, 1992
Attention: Gary Aguiar	Lab Number:	206-1360	Reported:	Jul 15, 1992

PURGEABLE HALOCARBONS (EPA 601)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane	10,000	N.D.
Bromoform	10,000	N.D.
Bromomethane	10,000	N.D.
Carbon tetrachloride	10,000	N.D.
Chlorobenzene	10,000	N.D.
Chloroethane	10,000	N.D.
2-Chloroethylvinyl ether	10,000	N.D.
Chloroform	10,000	N.D.
Chloromethane	10,000	N.D.
Dibromochloromethane	10,000	N.D.
1,3-Dichlorobenzene	10,000	N.D.
1,4-Dichlorobenzene	10,000	N.D.
1,2-Dichlorobenzene	10,000	N.D.
1,1-Dichloroethane	10,000	N.D.
1,2-Dichloroethane	10,000	N.D.
1,1-Dichloroethene	10,000	N.D.
cis-1,2-Dichloroethene	10,000	N.D.
trans-1,2-Dichloroethene	10,000	N.D.
1,2-Dichloropropane	10,000	N.D.
cis-1,3-Dichloropropene	10,000	N.D.
trans-1,3-Dichloropropene	10,000	N.D.
Methylene chloride	100,000	N.D.
1,1,2,2-Tetrachloroethane	10,000	N.D.
Tetrachloroethene	10,000	38,000
1,1,1-Trichloroethane	10,000	N.D.
1,1,2-Trichloroethane	10,000	N.D.
Trichloroethene	10,000	N.D.
Trichlorofluoromethane	10,000	N.D.
Vinyl chloride	10,000	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Karen L. Enstrom
Project Manager

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Hageman-Aguilar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., Ste 372	Sample Descript:	Liquid, TF	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Jul 7, 1992
Attention: Gary Aguilar	Lab Number:	206-1357	Reported:	Jul 15, 1992

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/L	Sample Results mg/L
Acetone	800	N.D.
Acetonitrile	2,000	N.D.
Benzene	20	N.D.
Iso-Butanol	400	N.D.
n-Butanol	1,000	N.D.
sec-Butanol	**400**	**130,000**
t-Butanol	400	N.D.
Carbon tetrachloride	400	N.D.
Chloroform	200	N.D.
Cyclohexane	20	N.D.
1,2-Dichloroethane	200	N.D.
t-1,2-Dichloroethene	80	N.D.
Ethanol	2,000	N.D.
Ethyl acetate	200	N.D.
Ethyl benzene	**20**	**780**
Ethyl ether	40	N.D.
Freon 113 (Trichlorotrifluoroethane)	40	N.D.
Hexane	20	N.D.
Methanol	2,000	N.D.
Methyl ethyl ketone	400	N.D.
Methyl isobutyl ketone	100	N.D.
Methylene chloride	200	N.D.
Iso-Octane	20	N.D.
Iso-Propanol	1,200	N.D.
n-Propanol	1,200	N.D.
n-Propyl benzene	20	N.D.
Tetrachloroethylene	80	N.D.
Tetrahydrofuran	200	N.D.
1,1,1,-Trichlorethane	200	N.D.
Trichloroethylene	80	N.D.
Toluene	**20**	**640**
m-Xylene	20	N.D.
o-Xylene	20	N.D.
p-Xylene	20	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Hageman-Aguilar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., Ste 372	Sample Descript:	Liquid, TH	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Jul 10, 1992
Attention: Gary Aguilar	Lab Number:	206-1358	Reported:	Jul 15, 1992

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/L	Sample Results mg/L
Acetone	40	N.D.
Acetonitrile	100	N.D.
Benzene	1.0	N.D.
Iso-Butanol	20	N.D.
n-Butanol	50	N.D.
sec-Butanol	20	N.D.
t-Butanol	20	N.D.
Carbon tetrachloride	20	N.D.
Chloroform	10	N.D.
Cyclohexane	1.0	N.D.
1,2-Dichloroethane	10	N.D.
t-1,2-Dichloroethene	4.0	N.D.
Ethanol	100	N.D.
Ethyl acetate	10	N.D.
Ethyl benzene	1.0	N.D.
Ethyl ether	2.0	N.D.
Freon 113 (Trichlorotrifluoroethane)	2.0	N.D.
Hexane	1.0	N.D.
Methanol	100	N.D.
Methyl ethyl ketone	20	N.D.
Methyl isobutyl ketone	5.0	N.D.
Methylene chloride	10	N.D.
Iso-Octane	1.0	N.D.
Iso-Propanol	60	N.D.
n-Propanol	60	N.D.
n-Propyl benzene	1.0	N.D.
Tetrachloroethylene	4.0	N.D.
Tetrahydrofuran	10	N.D.
1,1,1,-Trichlorethane	10	N.D.
Trichloroethylene	4.0	N.D.
Toluene	1.0	N.D.
m-Xylene	1.0	N.D.
o-Xylene	1.0	N.D.
p-Xylene	1.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Hageman-Aguiar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., Ste 372	Sample Descript:	Liquid, TJ	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Jul 10, 1992
Attention: Gary Aguiar	Lab Number:	206-1359	Reported:	Jul 15, 1992

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/L	Sample Results mg/L
Acetone	1,300	N.D.
Acetonitrile	3,300	N.D.
Benzene	33	N.D.
Iso-Butanol	660	N.D.
n-Butanol	1,700	N.D.
sec-Butanol	660	N.D.
t-Butanol	660	N.D.
Carbon tetrachloride	660	N.D.
Chloroform	330	N.D.
Cyclohexane	33	N.D.
1,2-Dichloroethane	330	N.D.
t-1,2-Dichloroethene	130	N.D.
Ethanol	3,300	N.D.
Ethyl acetate	330	N.D.
Ethyl benzene	33	N.D.
Ethyl ether	66	N.D.
Freon 113 (Trichlorotrifluoroethane)	66	N.D.
Hexane	33	N.D.
Methanol	3,300	N.D.
Methyl ethyl ketone	660	N.D.
Methyl isobutyl ketone	170	N.D.
Methylene chloride	330	N.D.
Iso-Octane	33	N.D.
Iso-Propanol	2,000	N.D.
n-Propanol	2,000	N.D.
n-Propyl benzene	33	N.D.
Tetrachloroethylene	130	N.D.
Tetrahydrofuran	330	N.D.
1,1,1,-Trichlorethane	330	N.D.
Trichloroethylene	130	N.D.
Toluene	33	N.D.
m-Xylene	33	N.D.
o-Xylene	33	N.D.
p-Xylene	33	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Hageman-Aguilar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., Ste 372	Sample Descript:	Liquid, TL	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Jul 10, 1992
Attention: Gary Aguilar	Lab Number:	206-1360	Reported:	Jul 15, 1992

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/L	Sample Results mg/L
Acetone	1,300	N.D.
Acetonitrile	3,300	N.D.
Benzene	33	N.D.
Iso-Butanol	660	N.D.
n-Butanol	1,700	N.D.
sec-Butanol	660	63,000
t-Butanol	660	N.D.
Carbon tetrachloride	660	N.D.
Chloroform	330	N.D.
Cyclohexane	33	N.D.
1,2-Dichloroethane	330	N.D.
t-1,2-Dichloroethene	130	N.D.
Ethanol	3,300	N.D.
Ethyl acetate	330	N.D.
Ethyl benzene	33	N.D.
Ethyl ether	66	N.D.
Freon 113 (Trichlorotrifluoroethane)	66	N.D.
Hexane	33	N.D.
Methanol	3,300	N.D.
Methyl ethyl ketone	660	1,500
Methyl isobutyl ketone	170	N.D.
Methylene chloride	330	N.D.
Iso-Octane	33	N.D.
Iso-Propanol	2,000	N.D.
n-Propanol	2,000	N.D.
n-Propyl benzene	33	N.D.
Tetrachloroethylene	130	N.D.
Tetrahydrofuran	330	N.D.
1,1,1,-Trichlorethane	330	N.D.
Trichloroethylene	130	N.D.
Toluene	33	N.D.
m-Xylene	33	N.D.
o-Xylene	33	N.D.
p-Xylene	33	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Hageman-Aguilar, Inc.
3732 Mt. Diablo Blvd., Ste 372
Lafayette, CA 94549
Attention: Gary Aguilar

Client Project ID: Rix Industries, 6460 Hollis St., Emeryville

QC Sample Group: 2061357-1360

Reported: Jul 15, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	ETOH	N-Propanol	MEK	Benzene	MIBK	Diesel
Method:	EPA 8015 - Modified	EPA 8015 - Modified	EPA 8015-Modified	EPA 8015-Modified	EPA 8015-Modified	EPA 8015
Analyst:	M. Tran	M. Tran	M. Tran	M. Tran	M. Tran	K. Wimer
Reporting Units:	mg/L	mg/L	mg/L	mg/L	mg/L	mg/kg
Date Analyzed:	Jul 7, 1992	Jul 7, 1992	Jul 7, 1992	Jul 7, 1992	Jul 7, 1992	Jul 6, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	10	10	10	0.50	3.0	10
Conc. Matrix Spike:	10	10	10	0.47	3.0	11
Matrix Spike % Recovery:	100	100	100	94	100	109
Conc. Matrix Spike Dup.:	10	11	11	0.47	3.0	11
Matrix Spike Duplicate % Recovery:	100	110	110	100	100	109
Relative % Difference:	0.0	9.5	9.5	0.0	0.0	0.0

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Karen L. Enstrom
Project Manager

% Recovery: $\frac{\text{Conc. of M.S. - Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$

Relative % Difference: $\frac{\text{Conc. of M.S. - Conc. of M.S.D.}}{\text{(Conc. of M.S. + Conc. of M.S.D.) / 2}} \times 100$

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Hageman-Aguilar, Inc.
3732 Mt. Diablo Blvd., Ste 372
Lafayette, CA 94549
Attention: Gary Aguilar

Client Project ID: Rix Industries, 6460 Hollis St., Emeryville

QC Sample Group: 2061357-1360

Reported: Jul 15, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	1,1-Dichloroethene	*Trichloro-* ethene	*Chloro-* benzene
Method:	EPA 601	EPA 601	EPA 601
Analyst:	K.Nill	K.Nill	K.Nill
Reporting Units:	µg/L	µg/L	µg/L
Date Analyzed:	Jul 10, 1992	Jul 10, 1992	Jul 10, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank
Sample Conc.:	N.D.	N.D.	N.D.
Spike Conc. Added:	10	10	10
Conc. Matrix Spike:	11	9.9	9.9
Matrix Spike % Recovery:	110	99	99
Conc. Matrix Spike Dup.:	9.9	9.4	9.6
Matrix Spike Duplicate % Recovery:	99	94	96
Relative % Difference:	11	5.2	3.1

Quality Assurance Statement: *All standard operating procedures and quality control requirements have been met.*

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Karen L. Enstrom
Project Manager

% Recovery:	Conc. of M.S. - Conc. of Sample / Spike Conc. Added	x 100
Relative % Difference:	Conc. of M.S. - Conc. of M.S.D. / (Conc. of M.S. + Conc. of M.S.D.) / 2	x 100

CHAIN OF CUSTODY RECORD

PROJECT NAME AND ADDRESS:
RIX INDUSTRIES
6460 HOLLIS STREET
EMERYVILLE, CA

SAMPLER: (Signature) Mary Aguiar

HAGEMAN - AGUIAR, INC.
3732 Mt. Diablo Blvd., Suite 372
Lafayette, CA 94549
(415)284-1661 (415)284-1664 (FAX)

ANALYSIS REQUESTED

CROSS REFERENCE NUMBER	DATE	TIME	SOIL	LIQUID	STATION LOCATION	HAL. VOLATILE ORG (601)	TEPH-DIESEL INCL. KEROSENE & MINERAL SPIRITS	ETHYL SILICATE	IND. SOLVENT SCAN *			REMARKS
TF	6/27/92	2061357	AB	X	PURE PRODUCT FROM TANK "F"	X	X	X	X			Norm TAT 10d
TH	6/27/92	1358	AB	X	" " " TANK "H"	X	X	X	X			"
TJ	6/27/92	1359	AB	X	" " " TANK "J"	X	X	X	X			"
TL	6/27/92	1360	AB	X	" " " TANK "L"	X	X	X	X			"

NOTE: ANALYZE ORGANIC FRACTION ONLY

(SOME SAMPLES CONTAIN WATER WITH FLOATING PRODUCT)

*SOLVENT SCAN TO INCLUDE:
SEC-BUTYL ALCOHOL
ISOPROPYL ALCOHOL
BUTYL ALCOHOL
METHYL ETHYL KETONE

RELINQUISHED BY: (Signature) Mary Aguiar	DATE 6/29/92 TIME 0810	RECEIVED BY: (Signature)	DATE 6-29-92 TIME 0810
RELINQUISHED BY: (Signature)	DATE 6-29-92 TIME 0900	RECEIVED BY: (Signature) Karen Smith	DATE 6-29-92 TIME 0900
RELINQUISHED BY: (Signature)	DATE TIME	RECEIVED BY: (Signature)	DATE TIME
RELINQUISHED BY: (Signature)	DATE TIME	RECEIVED FOR LABORATORY BY: (Signature)	DATE TIME

ATTACHMENT D

Analytical Results:

Soil Sampling by Hand Boring

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Hageman-Aguilar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., #372	Matrix Descript:	Soil	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 5030/8015/8020	Analyzed:	Jul 2, 1992
Attention: Gary Aguilar	First Sample #:	206-1361	Reported:	Jul 14, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

Sample Number	Sample Description	Low/Medium B.P. Hydrocarbons mg/kg (ppm)	Benzene mg/kg (ppm)	Toluene mg/kg (ppm)	Ethyl Benzene mg/kg (ppm)	Xylenes mg/kg (ppm)
206-1361	B-1	2.2	N.D.	0.0080	0.0058	0.0057
206-1362	B-2	12	N.D.	0.013	N.D.	0.0092
206-1364	B-4	34	N.D.	0.021	0.064	0.82
206-1365	B-5	8.8	0.0073	0.24	0.039	0.91
206-1366	B-6	15	N.D.	0.023	0.043	0.12
206-1367	B-7	29	N.D.	0.020	0.078	0.090
206-1368	B-8	3.2	N.D.	0.078	0.0051	0.049
Detection Limits:		**1.0**	**0.0050**	**0.0050**	**0.0050**	**0.0050**

Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Karen L. Enstrom
Project Manager

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Hageman-Aguiar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., #372	Matrix Descript:	Soil	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 5030/8015/8020	Analyzed:	Jul 2, 1992
Attention: Gary Aguiar	First Sample #:	206-1363	Reported:	Jul 14, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

Sample Number	Sample Description	Low/Medium B.P. Hydrocarbons mg/kg (ppm)	Benzene mg/kg (ppm)	Toluene mg/kg (ppm)	Ethyl Benzene mg/kg (ppm)	Xylenes mg/kg (ppm)
206-1363	B-3	42	N.D.	0.056	0.15	0.54
Detection Limits:		**10**	**0.050**	**0.050**	**0.050**	**0.050**

Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard.
Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Hageman-Aguilar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., #372	Matrix Descript:	Soil	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 3550/8015	Extracted:	Jul 6, 1992
Attention: Gary Aguilar	First Sample #:	206-1361	Analyzed:	7/8 - 7/9/92
			Reported:	Jul 14, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015)

Sample Number	Sample Description	High B.P. Hydrocarbons mg/kg (ppm)
206-1361	B-1	3.4
206-1362	B-2	1.5
206-1363	B-3	52
206-1367	B-7	60
206-1368	B-8	5.6

Detection Limits:	**1.0**

High Boiling Point Hydrocarbons are quantitated against a diesel fuel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

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Hageman-Aguilar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., #372	Matrix Descript:	Soil	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 3550/8015	Extracted:	Jul 6, 1992
Attention: Gary Aguilar	First Sample #:	206-1364	Analyzed:	7/8 - 7/9/92
			Reported:	Jul 14, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015)

Sample Number	Sample Description	High B.P. Hydrocarbons mg/kg (ppm)
206-1364	B-4	30
206-1365	B-5	32
206-1366	B-6	41

Detection Limits:	**10**

High Boiling Point Hydrocarbons are quantitated against a diesel fuel standard.
Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Hageman-Aguiar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., #372	Matrix Descript:	Soil	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 3550/8015	Extracted:	Jul 6, 1992
Attention: Gary Aguiar	First Sample #:	206-1361	Analyzed:	7/8 - 7/9/92
			Reported:	Jul 14, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015) as KEROSENE

Sample Number	Sample Description	High B.P. Hydrocarbons mg/kg (ppm)
206-1361	B-1	N.D.
206-1362	B-2	N.D.
206-1363	B-3	N.D.
206-1364	B-4	N.D.
206-1365	B-5	N.D.
206-1366	B-6	N.D.
206-1367	B-7	N.D.
206-1368	B-8	N.D.

Detection Limits:	**1.0**

High Boiling Point Hydrocarbons are quantitated against a kerosene standard.
Analytes reported as N.D. were not present above the stated limit of detection.

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Hageman-Aguilar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., #372	Matrix Descript:	Soil	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 3550/8015	Extracted:	Jul 6, 1992
Attention: Gary Aguilar	First Sample #:	206-1361	Analyzed:	7/8 - 7/9/92
			Reported:	Jul 14, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015) as MINERAL SPIRITS

Sample Number	Sample Description	High B.P. Hydrocarbons mg/kg (ppm)
206-1361	B-1	N.D.
206-1362	B-2	1.8
206-1363	B-3	N.D.
206-1367	B-7	N.D.
206-1368	B-8	13

Detection Limits:	**1.0**

High Boiling Point Hydrocarbons are quantitated against a mineral spirits standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Karen L. Enstrom
Project Manager

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Hageman-Aguilar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., #372	Matrix Descript:	Soil	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 3550/8015	Extracted:	Jul 6, 1992
Attention: Gary Aguilar	First Sample #:	206-1364	Analyzed:	7/8 - 7/9/92
			Reported:	Jul 14, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015) as MINERAL SPIRITS

Sample Number	Sample Description	High B.P. Hydrocarbons mg/kg (ppm)
206-1364	B-4	26
206-1365	B-5	19
206-1366	B-6	20

Detection Limits:	**10**

High Boiling Point Hydrocarbons are quantitated against a mineral spirits standard.
Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

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Hageman-Aguilar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., #372	Matrix Descript:	Soil	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 413.1 (Gravimetric)	Extracted:	Jul 7, 1992
Attention: Gary Aguilar	First Sample #:	206-1361	Analyzed:	7/8 - 7/9/92
			Reported:	Jul 14, 1992

TOTAL RECOVERABLE OIL & GREASE

Sample Number	Sample Description	Oil & Grease mg/kg (ppm)
206-1361	B-1	76
206-1362	B-2	160
206-1363	B-3	100
206-1364	B-4	310
206-1365	B-5	310
206-1366	B-6	400
206-1367	B-7	260
206-1368	B-8	160

Detection Limits:	**30**

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

SEQUOIA ANALYTICAL

Karen L. Enstrom
Project Manager

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Hageman-Aguilar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., #372	Sample Descript:	Soil, B-1	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 5030/8010	Analyzed:	Jul 8, 1992
Attention: Gary Aguilar	Lab Number:	206-1361	Reported:	Jul 14, 1992

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	5.0	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chloroethane	5.0	N.D.
2-Chloroethylvinyl ether	5.0	N.D.
Chloroform	5.0	N.D.
Chloromethane	5.0	N.D.
Dibromochloromethane	5.0	N.D.
1,2-Dichlorobenzene	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	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.
Methylene chloride	50	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	360
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 chloride	5.0	N.D.

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

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Hageman-Aguilar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., #372	Sample Descript:	Soil, B-2	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 5030/8010	Analyzed:	Jul 8, 1992
Attention: Gary Aguilar	Lab Number:	206-1362	Reported:	Jul 14, 1992

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	5.0	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chloroethane	5.0	N.D.
2-Chloroethylvinyl ether	5.0	N.D.
Chloroform	5.0	N.D.
Chloromethane	5.0	N.D.
Dibromochloromethane	5.0	N.D.
1,2-Dichlorobenzene	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	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.
Methylene chloride	50	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	340
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 chloride	5.0	N.D.

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

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Hageman-Aguilar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., #372	Sample Descript:	Soil, B-3	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 5030/8010	Analyzed:	Jul 8, 1992
Attention: Gary Aguilar	Lab Number:	206-1363	Reported:	Jul 14, 1992

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	5.0	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chloroethane	5.0	N.D.
2-Chloroethylvinyl ether	5.0	N.D.
Chloroform	5.0	N.D.
Chloromethane	5.0	N.D.
Dibromochloromethane	5.0	N.D.
1,2-Dichlorobenzene	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	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.
Methylene chloride	50	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	230
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 chloride	5.0	N.D.

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

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Hageman-Aguilar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., #372	Sample Descript:	Soil, B-4	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 5030/8010	Analyzed:	Jul 8, 1992
Attention: Gary Aguilar	Lab Number:	206-1364	Reported:	Jul 14, 1992

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Bromodichloromethane	25	N.D.
Bromoform	25	N.D.
Bromomethane	25	N.D.
Carbon tetrachloride	25	N.D.
Chlorobenzene	25	N.D.
Chloroethane	25	N.D.
2-Chloroethylvinyl ether	25	N.D.
Chloroform	25	N.D.
Chloromethane	25	N.D.
Dibromochloromethane	25	N.D.
1,2-Dichlorobenzene	25	N.D.
1,3-Dichlorobenzene	25	N.D.
1,4-Dichlorobenzene	25	N.D.
1,1-Dichloroethane	25	N.D.
1,2-Dichloroethane	25	N.D.
1,1-Dichloroethene	25	N.D.
cis-1,2-Dichloroethene	25	N.D.
trans-1,2-Dichloroethene	25	N.D.
1,2-Dichloropropane	25	N.D.
cis-1,3-Dichloropropene	25	N.D.
trans-1,3-Dichloropropene	25	N.D.
Methylene chloride	250	N.D.
1,1,2,2-Tetrachloroethane	25	N.D.
Tetrachloroethene	25	160
1,1,1-Trichloroethane	25	N.D.
1,1,2-Trichloroethane	25	N.D.
Trichloroethene	25	N.D.
Trichlorofluoromethane	25	N.D.
Vinyl chloride	25	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Hageman-Aguilar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., #372	Sample Descript:	Soil, B-5	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 5030/8010	Analyzed:	7/8 - 7/13/92
Attention: Gary Aguilar	Lab Number:	206-1365	Reported:	Jul 14, 1992

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Bromodichloromethane	25	N.D.
Bromoform	25	N.D.
Bromomethane	25	N.D.
Carbon tetrachloride	25	N.D.
Chlorobenzene	25	N.D.
Chloroethane	25	N.D.
2-Chloroethylvinyl ether	25	N.D.
Chloroform	25	N.D.
Chloromethane	25	N.D.
Dibromochloromethane	25	N.D.
1,2-Dichlorobenzene	25	N.D.
1,3-Dichlorobenzene	25	N.D.
1,4-Dichlorobenzene	25	N.D.
1,1-Dichloroethane	25	N.D.
1,2-Dichloroethane	25	N.D.
1,1-Dichloroethene	25	N.D.
cis-1,2-Dichloroethene	25	52
trans-1,2-Dichloroethene	25	N.D.
1,2-Dichloropropane	25	N.D.
cis-1,3-Dichloropropene	25	N.D.
trans-1,3-Dichloropropene	25	N.D.
Methylene chloride	250	N.D.
1,1,2,2-Tetrachloroethane	25	N.D.
Tetrachloroethene	25	1,500
1,1,1-Trichloroethane	25	N.D.
1,1,2-Trichloroethane	25	N.D.
Trichloroethene	25	37
Trichlorofluoromethane	25	N.D.
Vinyl chloride	25	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Hageman-Aguilar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., #372	Sample Descript:	Soil, B-6	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 5030/8010	Analyzed:	Jul 8, 1992
Attention: Gary Aguilar	Lab Number:	206-1366	Reported:	Jul 14, 1992

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Bromodichloromethane	10	N.D.
Bromoform	10	N.D.
Bromomethane	10	N.D.
Carbon tetrachloride	10	N.D.
Chlorobenzene	10	N.D.
Chloroethane	10	N.D.
2-Chloroethylvinyl ether	10	N.D.
Chloroform	10	N.D.
Chloromethane	10	N.D.
Dibromochloromethane	10	N.D.
1,2-Dichlorobenzene	10	N.D.
1,3-Dichlorobenzene	10	N.D.
1,4-Dichlorobenzene	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	N.D.
trans-1,2-Dichloroethene	10	N.D.
1,2-Dichloropropane	10	N.D.
cis-1,3-Dichloropropene	10	N.D.
trans-1,3-Dichloropropene	10	N.D.
Methylene chloride	100	N.D.
1,1,2,2-Tetrachloroethane	10	N.D.
Tetrachloroethene	10	230
1,1,1-Trichloroethane	10	N.D.
1,1,2-Trichloroethane	10	N.D.
Trichloroethene	10	N.D.
Trichlorofluoromethane	10	N.D.
Vinyl chloride	10	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Hageman-Aguiar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., #372	Sample Descript:	Soil, B-7	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 5030/8010	Analyzed:	Jul 8, 1992
Attention: Gary Aguiar	Lab Number:	206-1367	Reported:	Jul 14, 1992

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Bromodichloromethane	25	N.D.
Bromoform	25	N.D.
Bromomethane	25	N.D.
Carbon tetrachloride	25	N.D.
Chlorobenzene	25	N.D.
Chloroethane	25	N.D.
2-Chloroethylvinyl ether	25	N.D.
Chloroform	25	N.D.
Chloromethane	25	N.D.
Dibromochloromethane	25	N.D.
1,2-Dichlorobenzene	25	N.D.
1,3-Dichlorobenzene	25	N.D.
1,4-Dichlorobenzene	25	N.D.
1,1-Dichloroethane	25	N.D.
1,2-Dichloroethane	25	N.D.
1,1-Dichloroethene	25	N.D.
cis-1,2-Dichloroethene	25	N.D.
trans-1,2-Dichloroethene	25	N.D.
1,2-Dichloropropane	25	N.D.
cis-1,3-Dichloropropene	25	N.D.
trans-1,3-Dichloropropene	25	N.D.
Methylene chloride	250	N.D.
1,1,2,2-Tetrachloroethane	25	N.D.
Tetrachloroethene	25	210
1,1,1-Trichloroethane	25	N.D.
1,1,2-Trichloroethane	25	N.D.
Trichloroethene	25	N.D.
Trichlorofluoromethane	25	N.D.
Vinyl chloride	25	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Hageman-Aguiar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., #372	Sample Descript:	Soil, B-8	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 5030/8010	Analyzed:	Jul 8, 1992
Attention: Gary Aguiar	Lab Number:	206-1368	Reported:	Jul 14, 1992

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	5.0	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chloroethane	5.0	N.D.
2-Chloroethylvinyl ether	5.0	N.D.
Chloroform	5.0	N.D.
Chloromethane	5.0	N.D.
Dibromochloromethane	5.0	N.D.
1,2-Dichlorobenzene	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	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	5.2
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.
Methylene chloride	50	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	330
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	5.0	6.5
Trichlorofluoromethane	5.0	N.D.
Vinyl chloride	5.0	N.D.

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

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Hageman-Aguilar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., #372	Sample Descript:	Soil	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis for:	Ethyl Silicate by GC/MS	Extracted:	Jul 9, 1992
Attention: Gary Aguilar	First Sample #:	206-1361	Analyzed:	Jul 10, 1992
			Reported:	Jul 15, 1992

LABORATORY ANALYSIS FOR: Ethyl Silicate by GC/MS

Sample Number	Sample Description	Detection Limit µg/kg	Sample Result µg/kg
206-1361	B-1	250	N.D.
206-1362	B-2	250	N.D.
206-1363	B-3	250	N.D.
206-1364	B-4	250	N.D.
206-1365	B-5	250	N.D.
206-1366	B-6	250	N.D.
206-1367	B-7	250	N.D.
206-1368	B-8	250	N.D.

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

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Hageman-Aguilar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., #372	Sample Descript:	Soil , B-1	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Jul 13, 1992
Attention: Gary Aguilar	Lab Number:	206-1361	Reported:	Jul 15, 1992

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Acetone	0.80	N.D.
Acetonitrile	2.0	N.D.
Benzene	0.020	N.D.
Iso-Butanol	0.40	N.D.
n-Butanol	1.0	N.D.
sec-Butanol	0.40	N.D.
t-Butanol	0.40	N.D.
Carbon tetrachloride	0.40	N.D.
Chloroform	0.20	N.D.
Cyclohexane	0.020	N.D.
1,2-Dichloroethane	0.20	N.D.
t-1,2-Dichloroethene	0.080	N.D.
Ethanol	2.0	N.D.
Ethyl acetate	0.20	N.D.
Ethyl benzene	0.020	N.D.
Ethyl ether	0.040	N.D.
Freon 113 (Trichlorotrifluoroethane)	0.040	N.D.
Hexane	0.020	N.D.
Methanol	2.0	N.D.
Methyl ethyl ketone	0.40	N.D.
Methyl isobutyl ketone	0.10	N.D.
Methylene chloride	0.20	N.D.
Iso-Octane	0.020	N.D.
Iso-Propanol	1.2	N.D.
n-Propanol	1.2	N.D.
n-Propyl benzene	0.020	N.D.
Tetrachloroethylene	0.080	N.D.
Tetrahydrofuran	0.20	N.D.
1,1,1,-Trichlorethane	0.20	N.D.
Trichloroethylene	0.080	N.D.
Toluene	0.020	N.D.
m-Xylene	0.020	N.D.
o-Xylene	0.020	N.D.
p-Xylene	0.020	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Hageman-Aguiar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., #372	Sample Descript:	Soil , B-2	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Jul 13, 1992
Attention: Gary Aguiar	Lab Number:	206-1362	Reported:	Jul 15, 1992

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Acetone	0.80	N.D.
Acetonitrile	2.0	N.D.
Benzene	0.020	N.D.
Iso-Butanol	0.40	N.D.
n-Butanol	1.0	N.D.
sec-Butanol	0.40	N.D.
t-Butanol	0.40	N.D.
Carbon tetrachloride	0.40	N.D.
Chloroform	0.20	N.D.
Cyclohexane	0.020	N.D.
1,2-Dichloroethane	0.20	N.D.
t-1,2-Dichloroethene	0.080	N.D.
Ethanol	2.0	N.D.
Ethyl acetate	0.20	N.D.
Ethyl benzene	0.020	N.D.
Ethyl ether	0.040	N.D.
Freon 113 (Trichlorotrifluoroethane)	0.040	N.D.
Hexane	0.020	N.D.
Methanol	2.0	N.D.
Methyl ethyl ketone	0.40	N.D.
Methyl isobutyl ketone	0.10	N.D.
Methylene chloride	0.20	N.D.
Iso-Octane	0.020	N.D.
Iso-Propanol	1.2	N.D.
n-Propanol	1.2	N.D.
n-Propyl benzene	0.020	N.D.
Tetrachloroethylene	0.080	N.D.
Tetrahydrofuran	0.20	N.D.
1,1,1,-Trichlorethane	0.20	N.D.
Trichloroethylene	0.080	N.D.
Toluene	0.020	N.D.
m-Xylene	0.020	N.D.
o-Xylene	0.020	N.D.
p-Xylene	0.020	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Karen L. Enstrom
Project Manager

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Hageman-Aguilar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., #372	Sample Descript:	Soil , B-3	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Jul 13, 1992
Attention: Gary Aguilar	Lab Number:	206-1363	Reported:	Jul 15, 1992

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Acetone	0.80	N.D.
Acetonitrile	2.0	N.D.
Benzene	0.020	N.D.
Iso-Butanol	0.40	N.D.
n-Butanol	1.0	N.D.
sec-Butanol	0.40	N.D.
t-Butanol	0.40	N.D.
Carbon tetrachloride	0.40	N.D.
Chloroform	0.20	N.D.
Cyclohexane	0.020	N.D.
1,2-Dichloroethane	0.20	N.D.
t-1,2-Dichloroethene	0.080	N.D.
Ethanol	2.0	N.D.
Ethyl acetate	0.20	N.D.
Ethyl benzene	0.020	N.D.
Ethyl ether	0.040	N.D.
Freon 113 (Trichlorotrifluoroethane)	0.040	N.D.
Hexane	0.020	N.D.
Methanol	2.0	N.D.
Methyl ethyl ketone	0.40	N.D.
Methyl isobutyl ketone	0.10	N.D.
Methylene chloride	0.20	N.D.
Iso-Octane	0.020	N.D.
Iso-Propanol	1.2	N.D.
n-Propanol	1.2	N.D.
n-Propyl benzene	0.020	N.D.
Tetrachloroethylene	0.080	N.D.
Tetrahydrofuran	0.20	N.D.
1,1,1,-Trichlorethane	0.20	N.D.
Trichloroethylene	0.080	N.D.
Toluene	0.020	N.D.
m-Xylene	0.020	N.D.
o-Xylene	0.020	N.D.
p-Xylene	0.020	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Project Manager

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Hageman-Aguiar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., #372	Sample Descript:	Soil , B-4	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Jul 13, 1992
Attention: Gary Aguiar	Lab Number:	206-1364	Reported:	Jul 15, 1992

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Acetone	0.80	N.D.
Acetonitrile	2.0	N.D.
Benzene	0.020	N.D.
iso-Butanol	0.40	N.D.
n-Butanol	1.0	N.D.
sec-Butanol	0.40	N.D.
t-Butanol	0.40	N.D.
Carbon tetrachloride	0.40	N.D.
Chloroform	0.20	N.D.
Cyclohexane	0.020	N.D.
1,2-Dichloroethane	0.20	N.D.
t-1,2-Dichloroethene	0.080	N.D.
Ethanol	2.0	N.D.
Ethyl acetate	0.20	N.D.
Ethyl benzene	0.020	N.D.
Ethyl ether	0.040	N.D.
Freon 113 (Trichlorotrifluoroethane)	0.040	N.D.
Hexane	0.020	N.D.
Methanol	2.0	N.D.
Methyl ethyl ketone	0.40	N.D.
Methyl isobutyl ketone	0.10	N.D.
Methylene chloride	0.20	N.D.
iso-Octane	0.020	N.D.
iso-Propanol	1.2	N.D.
n-Propanol	1.2	N.D.
n-Propyl benzene	0.020	N.D.
Tetrachloroethylene	0.080	N.D.
Tetrahydrofuran	0.20	N.D.
1,1,1,-Trichlorethane	0.20	N.D.
Trichloroethylene	0.080	N.D.
Toluene	0.020	N.D.
m-Xylene	0.020	0.22
o-Xylene	0.020	0.19
p-Xylene	0.020	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Hageman-Aguilar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., #372	Sample Descript:	Soil , B-5	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Jul 13, 1992
Attention: Gary Aguilar	Lab Number:	206-1365	Reported:	Jul 15, 1992

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Acetone	0.80	N.D.
Acetonitrile	2.0	N.D.
Benzene	0.020	N.D.
Iso-Butanol	0.40	N.D.
n-Butanol	1.0	N.D.
sec-Butanol	0.40	N.D.
t-Butanol	0.40	N.D.
Carbon tetrachloride	0.40	N.D.
Chloroform	0.20	N.D.
Cyclohexane	0.020	N.D.
1,2-Dichloroethane	0.20	N.D.
t-1,2-Dichloroethene	0.080	N.D.
Ethanol	2.0	N.D.
Ethyl acetate	0.20	N.D.
Ethyl benzene	0.020	N.D.
Ethyl ether	0.040	N.D.
Freon 113 (Trichlorotrifluoroethane)	0.040	N.D.
Hexane	0.020	N.D.
Methanol	2.0	N.D.
Methyl ethyl ketone	0.40	N.D.
Methyl isobutyl ketone	0.10	N.D.
Methylene chloride	0.20	N.D.
Iso-Octane	0.020	N.D.
Iso-Propanol	1.2	N.D.
n-Propanol	1.2	N.D.
n-Propyl benzene	0.020	N.D.
Tetrachloroethylene	0.080	N.D.
Tetrahydrofuran	0.20	N.D.
1,1,1,-Trichlorethane	0.20	N.D.
Trichloroethylene	0.080	N.D.
Toluene	0.020	N.D.
m-Xylene	0.020	0.15
o-Xylene	0.020	0.24
p-Xylene	0.020	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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2061361.HHH <22>

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Hageman-Agular, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., #372	Sample Descript:	Soil , B-6	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Jul 13, 1992
Attention: Gary Agular	Lab Number:	206-1366	Reported:	Jul 15, 1992

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Acetone	0.80	N.D.
Acetonitrile	2.0	N.D.
Benzene	0.020	N.D.
Iso-Butanol	0.40	N.D.
n-Butanol	1.0	N.D.
sec-Butanol	0.40	N.D.
t-Butanol	0.40	N.D.
Carbon tetrachloride	0.40	N.D.
Chloroform	0.20	N.D.
Cyclohexane	0.020	N.D.
1,2-Dichloroethane	0.20	N.D.
t-1,2-Dichloroethene	0.080	N.D.
Ethanol	2.0	N.D.
Ethyl acetate	0.20	N.D.
Ethyl benzene	0.020	N.D.
Ethyl ether	0.040	N.D.
Freon 113 (Trichlorotrifluoroethane)	0.040	N.D.
Hexane	0.020	N.D.
Methanol	2.0	N.D.
Methyl ethyl ketone	0.40	N.D.
Methyl isobutyl ketone	0.10	N.D.
Methylene chloride	0.20	N.D.
Iso-Octane	0.020	N.D.
Iso-Propanol	1.2	N.D.
n-Propanol	1.2	N.D.
n-Propyl benzene	0.020	N.D.
Tetrachloroethylene	0.080	N.D.
Tetrahydrofuran	0.20	N.D.
1,1,1,-Trichlorethane	0.20	N.D.
Trichloroethylene	0.080	N.D.
Toluene	0.020	N.D.
m-Xylene	0.020	N.D.
o-Xylene	0.020	N.D.
p-Xylene	0.020	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Karen L. Enstrom
Project Manager

2061361.HHH <23>

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Hageman-Aguiar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., #372	Sample Descript:	Soil , B-7	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Jul 13, 1992
Attention: Gary Aguiar	Lab Number:	206-1367	Reported:	Jul 15, 1992

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Acetone	0.80	N.D.
Acetonitrile	2.0	N.D.
Benzene	0.020	N.D.
Iso-Butanol	0.40	N.D.
n-Butanol	1.0	N.D.
sec-Butanol	0.40	N.D.
t-Butanol	0.40	N.D.
Carbon tetrachloride	0.40	N.D.
Chloroform	0.20	N.D.
Cyclohexane	0.020	N.D.
1,2-Dichloroethane	0.20	N.D.
t-1,2-Dichloroethene	0.080	N.D.
Ethanol	2.0	N.D.
Ethyl acetate	0.20	N.D.
Ethyl benzene	0.020	N.D.
Ethyl ether	0.040	N.D.
Freon 113 (Trichlorotrifluoroethane)	0.040	N.D.
Hexane	0.020	N.D.
Methanol	2.0	N.D.
Methyl ethyl ketone	0.40	N.D.
Methyl isobutyl ketone	0.10	N.D.
Methylene chloride	0.20	N.D.
Iso-Octane	0.020	N.D.
Iso-Propanol	1.2	N.D.
n-Propanol	1.2	N.D.
n-Propyl benzene	0.020	N.D.
Tetrachloroethylene	0.080	N.D.
Tetrahydrofuran	0.20	N.D.
1,1,1,-Trichlorethane	0.20	N.D.
Trichloroethylene	0.080	N.D.
Toluene	0.020	N.D.
m-Xylene	0.020	N.D.
o-Xylene	0.020	N.D.
p-Xylene	0.020	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Karen L. Enstrom
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2061361.HHH <24>

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Hageman-Aguiar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., #372	Sample Descript:	Soil , B-8	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Jul 13, 1992
Attention: Gary Aguiar	Lab Number:	206-1368	Reported:	Jul 15, 1992

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Acetone	0.80	N.D.
Acetonitrile	2.0	N.D.
Benzene	0.020	N.D.
Iso-Butanol	0.40	N.D.
n-Butanol	1.0	N.D.
sec-Butanol	0.40	N.D.
t-Butanol	0.40	N.D.
Carbon tetrachloride	0.40	N.D.
Chloroform	0.20	N.D.
Cyclohexane	0.020	N.D.
1,2-Dichloroethane	0.20	N.D.
t-1,2-Dichloroethene	0.080	N.D.
Ethanol	2.0	N.D.
Ethyl acetate	0.20	N.D.
Ethyl benzene	0.020	N.D.
Ethyl ether	0.040	N.D.
Freon 113 (Trichlorotrifluoroethane)	0.040	N.D.
Hexane	0.020	N.D.
Methanol	2.0	N.D.
Methyl ethyl ketone	0.40	N.D.
Methyl isobutyl ketone	0.10	N.D.
Methylene chloride	0.20	N.D.
Iso-Octane	0.020	N.D.
Iso-Propanol	1.2	N.D.
n-Propanol	1.2	N.D.
n-Propyl benzene	0.020	N.D.
Tetrachloroethylene	0.080	N.D.
Tetrahydrofuran	0.20	N.D.
1,1,1,-Trichlorethane	0.20	N.D.
Trichloroethylene	0.080	N.D.
Toluene	0.020	N.D.
m-Xylene	0.020	N.D.
o-Xylene	0.020	N.D.
p-Xylene	0.020	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Project Manager

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Hageman-Aguilar, Inc.
3732 Mt. Diablo Blvd., #372
Lafayette, CA 94549
Attention: Gary Aguilar

Client Project ID: Rix Industries, 6460 Hollis St., Emeryville

QC Sample Group: 2061361-1368

Reported: Jul 14, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes	Diesel	Oil and Grease
Method:	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA8015	EPA 413.1
Analyst:	A.T.	A.T.	A.T.	A.T.	K.Wimer	D. Newcomb
Reporting Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Date Analyzed:	Jul 2, 1992	Jul 2, 1992	Jul 2, 1992	Jul 2, 1992	Jul 6, 1992	Jul 9, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	0.40	0.40	0.40	1.2	10	5000
Conc. Matrix Spike:	0.48	0.45	0.42	1.3	11	5700
Matrix Spike % Recovery:	120	112	105	108	109	114
Conc. Matrix Spike Dup.:	0.46	0.43	0.45	1.3	11	5700
Matrix Spike Duplicate % Recovery:	115	107	112	108	109	114
Relative % Difference:	4.2	4.5	6.8	0.0	0.0	0.0

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Karen L. Enstrom
Project Manager

% Recovery: $\frac{\text{Conc. of M.S. - Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$

Relative % Difference: $\frac{\text{Conc. of M.S. - Conc. of M.S.D.}}{\text{(Conc. of M.S. + Conc. of M.S.D.) / 2}} \times 100$

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Hageman-Aguiar, Inc.
3732 Mt. Diablo Blvd., #372
Lafayette, CA 94549
Attention: Gary Aguiar

Client Project ID: Rix Industries, 6460 Hollis St., Emeryville

QC Sample Group: 2061361-1368

Reported: Jul 14, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	1,1-Dichloroethene	Trichloro-ethene	Chloro-benzene
Method:	EPA 8010	EPA 8010	EPA 8010
Analyst:	M. Nguyen	M. Nguyen	M. Nguyen
Reporting Units:	µg/kg	µg/kg	µg/kg
Date Analyzed:	Jul 8, 1992	Jul 8, 1992	Jul 8, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank
Sample Conc.:	N.D.	N.D.	N.D.
Spike Conc. Added:	10	10	10
Conc. Matrix Spike:	9.8	9.0	9.4
Matrix Spike % Recovery:	98	90	94
Conc. Matrix Spike Dup.:	9.8	9.3	9.5
Matrix Spike Duplicate % Recovery:	98	93	95
Relative % Difference:	0.0	3.3	1.0

Quality Assurance Statement: All standard operating procedures and quality control requirements have been met.

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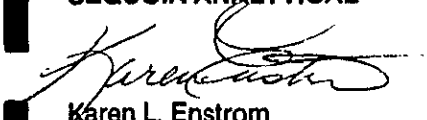

Karen L. Enstrom
Project Manager

% Recovery:	Conc. of M.S. - Conc. of Sample / Spike Conc. Added	x 100
Relative % Difference:	Conc. of M.S. - Conc. of M.S.D. / (Conc. of M.S. + Conc. of M.S.D.) / 2	x 100

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Hageman-Aguiar, Inc.
3732 Mt. Diablo Blvd., #372
Lafayette, CA 94549
Attention: Gary Aguiar

Client Project ID: Rix Industries, 6460 Hollis St., Emeryville

QC Sample Group: 2061361-1368

Reported: Jul 15, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	ETOH	N-Propanol	MEK	BENZ	MIBK	Ethyl Silicate
Method:	EPA 8015 Modified	EPA 8015 Modified	EPA 8015 Modified	EPA 8015 Modified	EPA 8015 Modified	EPA 8270
Analyst:	M. Tran	M. Tran	M. Tran	M. Tran	M. Tran	N.J.I
Reporting Units:	mg/L	mg/L	mg/L	mg/L	mg/L	µg/kg
Date Analyzed:	Jul 7, 1992	Jul 7, 1992	Jul 7, 1992	Jul 7, 1992	Jul 7, 1992	Jul 9, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.	0.0
Spike Conc. Added:	10	10	10	0.50	3.0	90
Conc. Matrix Spike:	10	10	10	0.47	3.0	42
Matrix Spike % Recovery:	100	100	100	94	100	47
Conc. Matrix Spike Dup.:	10	11	11	0.47	3.0	39
Matrix Spike Duplicate % Recovery:	100	110	110	100	100	43
Relative % Difference:	0.0	9.5	9.5	0.0	0.0	7.4

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Karen L. Enstrom
Project Manager

$$\text{\% Recovery:} \quad \frac{\text{Conc. of M.S. - Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$$

$$\text{Relative \% Difference:} \quad \frac{\text{Conc. of M.S. - Conc. of M.S.D.}}{\text{(Conc. of M.S. + Conc. of M.S.D.) / 2}} \times 100$$

CHAIN OF CUSTODY RECORD

PROJECT NAME AND ADDRESS:
RIX INDUSTRIES
6460 HOLLIS STREET
EMERYVILLE, CA

SAMPLER: (Signature)

HAGEMAN AGUIAR, INC.
3732 Mt. Diablo Blvd., Suite 372
Lafayette, CA 94549
(415)284-1661 (415)284-1664 (FAX)

ANALYSIS REQUESTED

CROSS REFERENCE NUMBER	DATE	TIME	SOIL	WATER	STATION LOCATION	HAL. VOLATILE ORG (8010)	TPH GAS/BTEX	TEPH-DIESEL INCL. KEROSENE & MINERAL SPIRITS	ETHYL SILICATE	OIL & GREASE (413.1)	IND. SOLVENT SCAN *	REMARKS
1361 B-1	6/27/92	1315	X		HAND BORING B-1 @ 74" DEPTH	X	X	X	X	X	X	NORM TAT
1362 B-2	6/27/92	1400	X		" " B-2 @ 60" DEPTH	X	X	X	X	X	X	"
1363 B-3	6/27/92	1420	X		" " B-3 @ 60" DEPTH	X	X	X	X	X	X	"
1364 B-4	6/27/92	1450	X		" " B-4 @ 34" DEPTH	X	X	X	X	X	X	"
1365 B-5	6/27/92	1500	X		" " B-5 @ 48" DEPTH	X	X	X	X	X	X	"
1366 B-6	6/27/92	1520	X		" " B-6 @ 48" DEPTH	X	X	X	X	X	X	"
1367 B-7	6/27/92	1600	X		" " B-7 @ 48" DEPTH	X	X	X	X	X	X	"
1368 B-8	6-27-92	1605	X		" " B8 @ 24" DEPTH	X	X	X	X	X	X	* SOLVENT SCAN " TO INCLUDE: SEC-BUTYL ALCOHOL ISOPROPYL ALCOHOL BUTYL ALCOHOL METHYL ETHYL KETONE

RELINQUISHED BY: (Signature)	DATE 6/29/92 TIME 0810	RECEIVED BY: (Signature)	DATE 6-29-92 TIME 0810
RELINQUISHED BY: (Signature)	DATE 6-29-92 TIME 0900	RECEIVED BY: (Signature)	DATE 6-29-92 TIME 0900
RELINQUISHED BY: (Signature)	DATE TIME	RECEIVED BY: (Signature)	DATE TIME
RELINQUISHED BY: (Signature)	DATE TIME	RECEIVED FOR LABORATORY BY: (Signature)	DATE TIME

ATTACHMENT E

Analytical Results:

Soil Sampling During Well Installations

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Hageman-Aguiar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., Suite 372	Matrix Descript:	Soil	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 5030/8015/8020	Analyzed:	Jul 1, 1992
Attention: Gary Aguiar	First Sample #:	206-1351	Reported:	Jul 13, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

Sample Number	Sample Description	Low/Medium B.P. Hydrocarbons mg/kg (ppm)	Benzene mg/kg (ppm)	Toluene mg/kg (ppm)	Ethyl Benzene mg/kg (ppm)	Xylenes mg/kg (ppm)
206-1351	MW-1-3'	N.D.	N.D.	N.D.	N.D.	N.D.
Detection Limits:		**1.0**	**0.0050**	**0.0050**	**0.0050**	**0.0050**

Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Karen L. Enstrom
Project Manager

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Hageman-Aguilar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., Suite 372	Matrix Descript:	Soil	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 5030/8015/8020	Analyzed:	Jul 1, 1992
Attention: Gary Aguilar	First Sample #:	206-1352	Reported:	Jul 13, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

Sample Number	Sample Description	Low/Medium B.P. Hydrocarbons mg/kg (ppm)	Benzene mg/kg (ppm)	Toluene mg/kg (ppm)	Ethyl Benzene mg/kg (ppm)	Xylenes mg/kg (ppm)
206-1352	MW-1-5'	300	N.D.	0.12	N.D.	2.6
206-1355	MW-3-5'	55	N.D.	19	0.78	5.8
Detection Limits:		**20**	**0.10**	**0.10**	**0.10**	**0.10**

Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard.
Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Hageman-Aguilar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., Suite 372	Matrix Descript:	Soil	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 5030/8015/8020	Analyzed:	Jul 1, 1992
Attention: Gary Aguilar	First Sample #:	206-1353	Reported:	Jul 13, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

Sample Number	Sample Description	Low/Medium B.P. Hydrocarbons mg/kg (ppm)	Benzene mg/kg (ppm)	Toluene mg/kg (ppm)	Ethyl Benzene mg/kg (ppm)	Xylenes mg/kg (ppm)
206-1353	MW-2-3'	140	N.D.	N.D.	0.11	0.79
206-1356	MW-3-7.5'	85	0.096	1.7	0.96	8.0
Detection Limits:		**10**	**0.050**	**0.050**	**0.050**	**0.050**

Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard.
Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Hageman-Aguiar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., Suite 372	Matrix Descript:	Soil	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 5030/8015/8020	Analyzed:	Jul 1, 1992
Attention: Gary Aguiar	First Sample #:	206-1354	Reported:	Jul 13, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

Sample Number	Sample Description	Low/Medium B.P. Hydrocarbons mg/kg (ppm)	Benzene mg/kg (ppm)	Toluene mg/kg (ppm)	Ethyl Benzene mg/kg (ppm)	Xylenes mg/kg (ppm)
206-1354	MW-2-5'	1,800	N.D.	0.80	N.D.	2.6
Detection Limits:		**50**	**0.25**	**0.25**	**0.25**	**0.25**

Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard.
Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Hageman-Aguilar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., Suite 372	Matrix Descript:	Soil	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 3550/8015	Extracted:	Jul 1, 1992
Attention: Gary Aguilar	First Sample #:	206-1351	Analyzed:	Jul 1, 1992
			Reported:	Jul 13, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015)

Sample Number	Sample Description	High B.P. Hydrocarbons mg/kg (ppm)
206-1351	MW-1-3'	N.D.
206-1355	MW-3-5'	24
206-1356	MW-3-7.5'	6.9

Detection Limits:	**1.0**

High Boiling Point Hydrocarbons are quantitated against a diesel fuel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

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Hageman-Aguilar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., Suite 372	Matrix Descript:	Soil	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 3550/8015	Extracted:	Jul 1, 1992
Attention: Gary Aguilar	First Sample #:	206-1352	Analyzed:	Jul 1, 1992
			Reported:	Jul 13, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015)

Sample Number	Sample Description	High B.P. Hydrocarbons mg/kg (ppm)
206-1352	MW-1-5'	540
206-1353	MW-2-3'	500

Detection Limits:	**50**

High Boiling Point Hydrocarbons are quantitated against a diesel fuel standard.
Analytes reported as N.D. were not present above the stated *limit of detection. Because matrix effects* and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Hageman-Aguiar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., Suite 372	Matrix Descript:	Soil	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 3550/8015	Extracted:	Jul 1, 1992
Attention: Gary Aguiar	First Sample #:	206-1354	Analyzed:	Jul 1, 1992
			Reported:	Jul 13, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015)

Sample Number	Sample Description	High B.P. Hydrocarbons mg/kg (ppm)
206-1354	MW-2-5'	3,000

Detection Limits:	**100**

High Boiling Point Hydrocarbons are quantitated against a diesel fuel standard.
Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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2061351.HHH <7>

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Hageman-Aguiar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., Suite 372	Matrix Descript:	Soil	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 413.1 (Gravimetric)		
Attention: Gary Aguiar	First Sample #:	206-1351	Analyzed:	Jul 6, 1992
			Reported:	Jul 13, 1992

TOTAL RECOVERABLE OIL & GREASE

Sample Number	Sample Description	Oil & Grease mg/kg (ppm)
206-1351	MW-1-3'	N.D.
206-1352	MW-1-5'	N.D.
206-1353	MW-2-3'	N.D.
206-1354	MW-2-5'	N.D.
206-1355	MW-3-5'	N.D.
206-1356	MW-3-7.5'	N.D.

Detection Limits:	**50**

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

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Hageman-Aguiar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., Suite 372	Matrix Descript:	Soil	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 3550/8015	Extracted:	Jul 1, 1992
Attention: Gary Aguiar	First Sample #:	206-1351	Analyzed:	Jul 1, 1992
			Reported:	Jul 13, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015) as KEROSENE

Sample Number	Sample Description	High B.P. Hydrocarbons mg/kg (ppm)
206-1351	MW-1-3'	N.D.
206-1355	MW-3-5'	19
206-1356	MW-3-7.5'	5.5

Detection Limits:	**1.0**

High Boiling Point Hydrocarbons are quantitated against a kerosene standard.
Analytes reported as N.D. were not present above the stated limit of detection.

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Please Note: Revised report 7/15/92.

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Hageman-Aguiar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., Suite 372	Matrix Descript:	Soil	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 3550/8015	Extracted:	Jul 1, 1992
Attention: Gary Aguiar	First Sample #:	206-1352	Analyzed:	Jul 1, 1992
			Reported:	Jul 13, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015) as KEROSENE

Sample Number	Sample Description	High B.P. Hydrocarbons mg/kg (ppm)
206-1352	MW-1-5'	430
206-1353	MW-2-3'	400

Detection Limits:	**50**

High Boiling Point Hydrocarbons are quantitated against a kerosene standard.
Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Please Note: Revised report 7/15/92.

2061351.HHH <10>

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Hageman-Agular, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., Suite 372	Matrix Descript:	Soil	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 3550/8015	Extracted:	Jul 1, 1992
Attention: Gary Agular	First Sample #:	206-1354	Analyzed:	Jul 1, 1992
			Reported:	Jul 13, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015) as KEROSENE

Sample Number	Sample Description	High B.P. Hydrocarbons mg/kg (ppm)
206-1354	MW-2-5'	2,400

Detection Limits:	**100**

High Boiling Point Hydrocarbons are quantitated against a kerosene standard.
Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Hageman-Aguilar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., Suite 372	Matrix Descript:	Soil	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 3550/8015	Extracted:	Jul 1, 1992
Attention: Gary Aguilar	First Sample #:	206-1351	Analyzed:	Jul 1, 1992
			Reported:	Jul 13, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015) as MINERAL SPIRITS

Sample Number	Sample Description	High B.P. Hydrocarbons mg/kg (ppm)
206-1351	MW-1-3'	N.D.
206-1355	MW-3-5'	17
206-1356	MW-3-7.5'	4.8

Detection Limits:	**1.0**

High Boiling Point Hydrocarbons are quantitated against a mineral spirits standard.
Analytes reported as N.D. were not present above the stated limit of detection.

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2061351.HHH <12>

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Hageman-Aguiar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., Suite 372	Matrix Descript:	Soil	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 3550/8015	Extracted:	Jul 1, 1992
Attention: Gary Aguiar	First Sample #:	206-1352	Analyzed:	Jul 1, 1992
			Reported:	Jul 13, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015) as MINERAL SPIRITS

Sample Number	Sample Description	High B.P. Hydrocarbons mg/kg (ppm)
206-1352	MW-1-5'	380
206-1353	MW-2-3'	350

Detection Limits:	**50**

High Boiling Point Hydrocarbons are quantitated against a mineral spirits standard.
Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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2061351.HHH <13>

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Hageman-Aguilar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., Suite 372	Matrix Descript:	Soil	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 3550/8015	Extracted:	Jul 1, 1992
Attention: Gary Aguilar	First Sample #:	206-1354	Analyzed:	Jul 1, 1992
			Reported:	Jul 13, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015) as MINERAL SPIRITS

Sample Number	Sample Description	High B.P. Hydrocarbons mg/kg (ppm)
206-1354	MW-2-5'	2,100

Detection Limits:	100

High Boiling Point Hydrocarbons are quantitated against a mineral spirits standard.
Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Hageman-Aguilar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., Suite 372	Sample Descript:	Soil , MW-1-3'	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Jul 7, 1992
Attention: Gary Aguilar	Lab Number:	206-1351	Reported:	Jul 13, 1992

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Acetone	0.80	N.D.
Acetonitrile	2.0	N.D.
Benzene	0.020	N.D.
Iso-Butanol	0.40	N.D.
n-Butanol	1.0	N.D.
sec-Butanol	0.40	N.D.
t-Butanol	0.40	N.D.
Carbon tetrachloride	0.40	N.D.
Chloroform	0.20	N.D.
Cyclohexane	0.020	N.D.
1,2-Dichloroethane	0.20	N.D.
t-1,2-Dichloroethene	0.080	N.D.
Ethanol	2.0	N.D.
Ethyl acetate	0.20	N.D.
Ethyl benzene	0.020	N.D.
Ethyl ether	0.040	N.D.
Freon 113 (Trichlorotrifluoroethane)	0.040	N.D.
Hexane	0.020	N.D.
Methanol	2.0	N.D.
Methyl ethyl ketone	0.40	N.D.
Methyl isobutyl ketone	0.10	N.D.
Methylene chloride	0.20	N.D.
Iso-Octane	0.020	N.D.
Iso-Propanol	1.2	N.D.
n-Propanol	1.2	N.D.
n-Propyl benzene	0.020	N.D.
Tetrachloroethylene	0.080	N.D.
Tetrahydrofuran	0.20	N.D.
1,1,1,-Trichlorethane	0.20	N.D.
Trichloroethylene	0.080	N.D.
Toluene	0.020	N.D.
m-Xylene	0.020	N.D.
o-Xylene	0.020	N.D.
p-Xylene	0.020	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Hageman-Aguilar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., Suite 372	Sample Descript:	Soil , MW-1-5'	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Jul 7, 1992
Attention: Gary Aguilar	Lab Number:	206-1352	Reported:	Jul 13, 1992

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Acetone	4.0	N.D.
Acetonitrile	10	N.D.
Benzene	0.10	N.D.
Iso-Butanol	2.0	N.D.
n-Butanol	5.0	N.D.
sec-Butanol	2.0	N.D.
t-Butanol	2.0	N.D.
Carbon tetrachloride	2.0	N.D.
Chloroform	1.0	N.D.
Cyclohexane	0.10	N.D.
1,2-Dichloroethane	1.0	N.D.
t-1,2-Dichloroethene	0.40	N.D.
Ethanol	10	N.D.
Ethyl acetate	1.0	N.D.
Ethyl benzene	0.10	2.1
Ethyl ether	0.20	N.D.
Freon 113 (Trichlorotrifluoroethane)	0.20	N.D.
Hexane	0.10	N.D.
Methanol	10	N.D.
Methyl ethyl ketone	2.0	N.D.
Methyl isobutyl ketone	0.50	N.D.
Methylene chloride	1.0	N.D.
Iso-Octane	0.10	N.D.
Iso-Propanol	6.0	N.D.
n-Propanol	6.0	N.D.
n-Propyl benzene	0.10	N.D.
Tetrachloroethylene	0.40	N.D.
Tetrahydrofuran	1.0	N.D.
1,1,1,-Trichlorethane	1.0	N.D.
Trichloroethylene	0.40	N.D.
Toluene	0.10	N.D.
m-Xylene	0.10	4.5
o-Xylene	0.10	4.6
p-Xylene	0.10	8.2

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Hageman-Aguiar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., Suite 372	Sample Descript:	Soil , MW-2-3'	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Jul 9, 1992
Attention: Gary Aguiar	Lab Number:	206-1353	Reported:	Jul 13, 1992

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Acetone	0.80	N.D.
Acetonitrile	2.0	N.D.
Benzene	0.020	N.D.
Iso-Butanol	0.40	N.D.
n-Butanol	1.0	N.D.
sec-Butanol	0.40	N.D.
t-Butanol	0.40	N.D.
Carbon tetrachloride	0.40	N.D.
Chloroform	0.20	N.D.
Cyclohexane	0.020	N.D.
1,2-Dichloroethane	0.20	N.D.
t-1,2-Dichloroethene	0.080	N.D.
Ethanol	2.0	N.D.
Ethyl acetate	0.20	N.D.
Ethyl benzene	0.020	N.D.
Ethyl ether	0.040	N.D.
Freon 113 (Trichlorotrifluoroethane)	0.040	N.D.
Hexane	0.020	N.D.
Methanol	2.0	N.D.
Methyl ethyl ketone	0.40	N.D.
Methyl isobutyl ketone	0.10	N.D.
Methylene chloride	0.20	N.D.
Iso-Octane	0.020	N.D.
Iso-Propanol	1.2	N.D.
n-Propanol	1.2	N.D.
n-Propyl benzene	0.020	N.D.
Tetrachloroethylene	0.080	N.D.
Tetrahydrofuran	0.20	N.D.
1,1,1,-Trichlorethane	0.20	N.D.
Trichloroethylene	0.080	N.D.
Toluene	0.020	N.D.
m-Xylene	0.020	N.D.
o-Xylene	0.020	N.D.
p-Xylene	0.020	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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2061351.HHH <17>

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Hageman-Aguilar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., Suite 372	Sample Descript:	Soil , MW-2-5'	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Jul 9, 1992
Attention: Gary Aguilar	Lab Number:	206-1354	Reported:	Jul 13, 1992

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Acetone	0.80	N.D.
Acetonitrile	2.0	N.D.
Benzene	0.020	N.D.
Iso-Butanol	0.40	N.D.
n-Butanol	1.0	N.D.
sec-Butanol	0.40	N.D.
t-Butanol	0.40	N.D.
Carbon tetrachloride	0.40	N.D.
Chloroform	0.20	N.D.
Cyclohexane	0.020	N.D.
1,2-Dichloroethane	0.20	N.D.
t-1,2-Dichloroethene	0.080	N.D.
Ethanol	2.0	N.D.
Ethyl acetate	0.20	N.D.
Ethyl benzene	0.020	N.D.
Ethyl ether	0.040	N.D.
Freon 113 (Trichlorotrifluoroethane)	0.040	N.D.
Hexane	0.020	N.D.
Methanol	2.0	N.D.
Methyl ethyl ketone	0.40	N.D.
Methyl isobutyl ketone	0.10	N.D.
Methylene chloride	0.20	N.D.
Iso-Octane	0.020	N.D.
Iso-Propanol	1.2	N.D.
n-Propanol	1.2	N.D.
n-Propyl benzene	0.020	N.D.
Tetrachloroethylene	0.080	N.D.
Tetrahydrofuran	0.20	N.D.
1,1,1,-Trichlorethane	0.20	N.D.
Trichloroethylene	0.080	N.D.
Toluene	0.020	N.D.
m-Xylene	0.020	N.D.
o-Xylene	0.020	N.D.
p-Xylene	0.020	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Karen L. Enstrom
Project Manager

2061351.HHH <18>

SEQUOIA ANALYTICAL

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(510) 686-9600 • FAX (510) 686-9689

Hageman-Aguilar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., Suite 372	Sample Descript:	Soil , MW-3-5'	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Jul 9, 1992
Attention: Gary Aguilar	Lab Number:	206-1355	Reported:	Jul 13, 1992

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Acetone	20	N.D.
Acetonitrile	50	N.D.
Benzene	0.50	N.D.
Iso-Butanol	10	N.D.
n-Butanol	25	N.D.
sec-Butanol	10	N.D.
t-Butanol	10	N.D.
Carbon tetrachloride	10	N.D.
Chloroform	5.0	N.D.
Cyclohexane	0.50	N.D.
1,2-Dichloroethane	5.0	N.D.
t-1,2-Dichloroethene	2.0	N.D.
Ethanol	50	N.D.
Ethyl acetate	5.0	N.D.
Ethyl benzene	0.50	N.D.
Ethyl ether	1.0	N.D.
Freon 113 (Trichlorotrifluoroethane)	1.0	N.D.
Hexane	0.50	N.D.
Methanol	50	N.D.
Methyl ethyl ketone	10	41
Methyl isobutyl ketone	2.5	4.9
Methylene chloride	5.0	N.D.
Iso-Octane	0.50	N.D.
Iso-Propanol	30	N.D.
n-Propanol	30	N.D.
n-Propyl benzene	0.50	N.D.
Tetrachloroethylene	2.0	N.D.
Tetrahydrofuran	5.0	N.D.
1,1,1,-Trichlorethane	5.0	N.D.
Trichloroethylene	2.0	N.D.
Toluene	0.50	13
m-Xylene	0.50	N.D.
o-Xylene	0.50	N.D.
p-Xylene	0.50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Hageman-Aguilar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., Suite 372	Sample Descript:	Soil , MW-3-7.5'	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Jul 9, 1992
Attention: Gary Aguilar	Lab Number:	206-1356	Reported:	Jul 13, 1992

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Acetone	8.0	N.D.
Acetonitrile	20	N.D.
Benzene	0.20	N.D.
Iso-Butanol	4.0	N.D.
n-Butanol	10	N.D.
sec-Butanol	4.0	N.D.
t-Butanol	4.0	N.D.
Carbon tetrachloride	4.0	N.D.
Chloroform	2.0	N.D.
Cyclohexane	0.20	N.D.
1,2-Dichloroethane	2.0	N.D.
t-1,2-Dichloroethene	0.80	N.D.
Ethanol	20	N.D.
Ethyl acetate	2.0	N.D.
Ethyl benzene	**0.20**	**0.90**
Ethyl ether	0.40	N.D.
Freon 113 (Trichlorotrifluoroethane)	0.40	N.D.
Hexane	0.20	N.D.
Methanol	20	N.D.
Methyl ethyl ketone	4.0	N.D.
Methyl isobutyl ketone	1.0	N.D.
Methylene chloride	2.0	N.D.
Iso-Octane	0.20	N.D.
Iso-Propanol	12	N.D.
n-Propanol	12	N.D.
n-Propyl benzene	0.20	N.D.
Tetrachloroethylene	0.80	N.D.
Tetrahydrofuran	2.0	N.D.
1,1,1,-Trichlorethane	2.0	N.D.
Trichloroethylene	0.80	N.D.
Toluene	**0.20**	**1.4**
m-Xylene	**0.20**	**5.9**
o-Xylene	**0.20**	**1.3**
p-Xylene	**0.20**	**1.7**

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Hageman-Aguiar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled: Jun 27, 1992
3732 Mt. Diablo Blvd., Suite 372	Sample Descript:	Soil, MW-1-3'	Received: Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 5030/8010	Analyzed: Jul 6, 1992
Attention: Gary Aguiar	Lab Number:	206-1351	Reported: Jul 13, 1992

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	5.0	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chloroethane	5.0	N.D.
2-Chloroethylvinyl ether	5.0	N.D.
Chloroform	5.0	N.D.
Chloromethane	5.0	N.D.
Dibromochloromethane	5.0	N.D.
1,2-Dichlorobenzene	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	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.
Methylene chloride	50	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	N.D.
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 chloride	5.0	N.D.

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

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Project Manager

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Hageman-Aguiar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., Suite 372	Sample Descript:	Soil, MW-1-5'	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 5030/8010	Analyzed:	Jul 2, 1992
Attention: Gary Aguiar	Lab Number:	206-1352	Reported:	Jul 13, 1992

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	5.0	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chloroethane	5.0	N.D.
2-Chloroethylvinyl ether	5.0	N.D.
Chloroform	5.0	N.D.
Chloromethane	5.0	N.D.
Dibromochloromethane	5.0	N.D.
1,2-Dichlorobenzene	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	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.
Methylene chloride	50	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	N.D.
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 chloride	5.0	N.D.

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

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Hageman-Aguiar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., Suite 372	Sample Descript:	Soil, MW-2-3'	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 5030/8010	Analyzed:	Jul 2, 1992
Attention: Gary Aguiar	Lab Number:	206-1353	Reported:	Jul 13, 1992

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	5.0	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chloroethane	5.0	N.D.
2-Chloroethylvinyl ether	5.0	N.D.
Chloroform	5.0	N.D.
Chloromethane	5.0	N.D.
Dibromochloromethane	5.0	N.D.
1,2-Dichlorobenzene	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	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.
Methylene chloride	50	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	N.D.
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 chloride	5.0	N.D.

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

SEQUOIA ANALYTICAL

Karen L. Enstrom
Project Manager

2061351.HHH <23>

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Hageman-Aguiar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., Suite 372	Sample Descript:	Soil, MW-2-5'	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 5030/8010	Analyzed:	Jul 2, 1992
Attention: Gary Aguiar	Lab Number:	206-1354	Reported:	Jul 13, 1992

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	5.0	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chloroethane	5.0	N.D.
2-Chloroethylvinyl ether	5.0	N.D.
Chloroform	5.0	N.D.
Chloromethane	5.0	N.D.
Dibromochloromethane	5.0	N.D.
1,2-Dichlorobenzene	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	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.
Methylene chloride	50	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	N.D.
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 chloride	5.0	N.D.

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

SEQUOIA ANALYTICAL

Karen L. Enstrom
Project Manager

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Hageman-Aguiar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled: Jun 27, 1992
3732 Mt. Diablo Blvd., Suite 372	Sample Descript:	Soil, MW-3-5'	Received: Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 5030/8010	Analyzed: Jul 6, 1992
Attention: Gary Aguiar	Lab Number:	206-1355	Reported: Jul 13, 1992

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Bromodichloromethane	50	N.D.
Bromoform	50	N.D.
Bromomethane	50	N.D.
Carbon tetrachloride	50	N.D.
Chlorobenzene	50	N.D.
Chloroethane	50	N.D.
2-Chloroethylvinyl ether	50	N.D.
Chloroform	50	N.D.
Chloromethane	50	N.D.
Dibromochloromethane	50	N.D.
1,2-Dichlorobenzene	50	N.D.
1,3-Dichlorobenzene	50	N.D.
1,4-Dichlorobenzene	50	N.D.
1,1-Dichloroethane	50	N.D.
1,2-Dichloroethane	50	N.D.
1,1-Dichloroethene	50	N.D.
cis-1,2-Dichloroethene	50	720
trans-1,2-Dichloroethene	50	N.D.
1,2-Dichloropropane	50	N.D.
cis-1,3-Dichloropropene	50	N.D.
trans-1,3-Dichloropropene	50	N.D.
Methylene chloride	500	N.D.
1,1,2,2-Tetrachloroethane	50	N.D.
Tetrachloroethene	500	31,000
1,1,1-Trichloroethane	50	N.D.
1,1,2-Trichloroethane	50	N.D.
Trichloroethene	50	420
Trichlorofluoromethane	50	N.D.
Vinyl chloride	50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Hageman-Aguiar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled: Jun 27, 1992
3732 Mt. Diablo Blvd., Suite 372	Sample Descript:	Soil, MW-3-7.5'	Received: Jun 29, 1992
Lafayette, CA 94549	Analysis Method:	EPA 5030/8010	Analyzed: Jul 7, 1992
Attention: Gary Aguiar	Lab Number:	206-1356	Reported: Jul 13, 1992

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Bromodichloromethane	500	N.D.
Bromoform	500	N.D.
Bromomethane	500	N.D.
Carbon tetrachloride	500	N.D.
Chlorobenzene	500	N.D.
Chloroethane	500	N.D.
2-Chloroethylvinyl ether	500	N.D.
Chloroform	500	N.D.
Chloromethane	500	N.D.
Dibromochloromethane	500	N.D.
1,2-Dichlorobenzene	500	N.D.
1,3-Dichlorobenzene	500	N.D.
1,4-Dichlorobenzene	500	N.D.
1,1-Dichloroethane	500	N.D.
1,2-Dichloroethane	500	N.D.
1,1-Dichloroethene	500	N.D.
cis-1,2-Dichloroethene	500	N.D.
trans-1,2-Dichloroethene	500	N.D.
1,2-Dichloropropane	500	N.D.
cis-1,3-Dichloropropene	500	N.D.
trans-1,3-Dichloropropene	500	N.D.
Methylene chloride	5,000	N.D.
1,1,2,2-Tetrachloroethane	500	N.D.
Tetrachloroethene	500	4,500
1,1,1-Trichloroethane	500	N.D.
1,1,2-Trichloroethane	500	N.D.
Trichloroethene	500	N.D.
Trichlorofluoromethane	500	N.D.
Vinyl chloride	500	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Karen L. Enstrom
Project Manager

2061351.HHH <26>

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Hageman-Aguilar, Inc.	Client Project ID:	Rix Industries, 6460 Hollis St., Emeryville	Sampled:	Jun 27, 1992
3732 Mt. Diablo Blvd., Suite 372	Sample Descript:	Soil	Received:	Jun 29, 1992
Lafayette, CA 94549	Analysis for:	Ethyl Silicate by GC/MS	Extracted:	Jul 9, 1992
Attention: Gary Aguilar	First Sample #:	206-1351	Analyzed:	Jul 9, 1992
			Reported:	Jul 13, 1992

LABORATORY ANALYSIS FOR: Ethyl Silicate by GC/MS

Sample Number	Sample Description	Detection Limit µg/kg	Sample Result µg/kg
206-1351	MW-1-3'	250	N.D.
206-1352	MW-1-5'	250	N.D.
206-1353	MW-2-3'	250	N.D.
206-1354	MW-2-5'	250	N.D.
206-1355	MW-3-5'	250	N.D.
206-1356	MW-3-7.5'	250	N.D.

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

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Karen L. Enstrom
Project Manager

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Hageman-Aguiar, Inc.
3732 Mt. Diablo Blvd., Suite 372
Lafayette, CA 94549
Attention: Gary Aguiar

Client Project ID: Rix Industries, 6460 Hollis St., Emeryville

QC Sample Group: 206-1351

Reported: Jul 13, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes	Diesel	Total Oil and Grease
Method:	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA8015	EPA 413.1
Analyst:	Badri Ali	Badri Ali	Badri Ali	Badri Ali	M. Tran	M.S.
Reporting Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Date Analyzed:	Jul 1, 1992	Jul 1, 1992	Jul 1, 1992	Jul 1, 1992	Jun 30, 1992	Jul 6, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	0.2	0.2	0.2	0.60	15	1000
Conc. Matrix Spike:	0.19	0.19	0.19	0.56	16	930
Matrix Spike % Recovery:	95	95	95	93	110	93
Conc. Matrix Spike Dup.:	0.19	0.19	0.19	0.55	15	960
Matrix Spike Duplicate % Recovery:	95	95	95	92	100	96
Relative % Difference:	0.0	0.0	0.0	1.8	6.5	3.2

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Karen L. Enstrom
Project Manager

% Recovery: $\frac{\text{Conc. of M.S. - Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$

Relative % Difference: $\frac{\text{Conc. of M.S. - Conc. of M.S.D.}}{\text{(Conc. of M.S. + Conc. of M.S.D.) / 2}} \times 100$

2061351.HHH <28>

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Hageman-Aguiar, Inc.
3732 Mt. Diablo Blvd., Suite 372
Lafayette, CA 94549
Attention: Gary Aguiar

Client Project ID: Rix Industries, 6460 Hollis St., Emeryville

QC Sample Group: 2061351-1356

Reported: Jul 13, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	1,1-Dichloroethene	Trichloro-ethene	Chloro-benzene
Method:	EPA 8010	EPA 8010	EPA 8010
Analyst:	L. Duong	L. Duong	L. Duong
Reporting Units:	µg/mg	µg/mg	µg/mg
Date Analyzed:	Jul 7, 1992	Jul 7, 1992	Jul 7, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank
Sample Conc.:	N.D.	N.D.	N.D.
Spike Conc. Added:	50	50	50
Conc. Matrix Spike:	52	43	39
Matrix Spike % Recovery:	104	86	78
Conc. Matrix Spike Dup.:	52	43	40
Matrix Spike Duplicate % Recovery:	104	86	80
Relative % Difference:	0.0	0.0	2.5

Quality Assurance Statement: All standard operating procedures and quality control requirements have been met.

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Karen L. Enstrom
Project Manager

$$\%\ \text{Recovery:} = \frac{\text{Conc. of M.S. - Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$$

$$\text{Relative \% Difference:} = \frac{\text{Conc. of M.S. - Conc. of M.S.D.}}{\text{(Conc. of M.S. + Conc. of M.S.D.) / 2}} \times 100$$

SEQUOIA ANALYTICAL

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Hageman-Aguiar, Inc.
3732 Mt. Diablo Blvd., Suite 372
Lafayette, CA 94549
Attention: Gary Aguiar

Client Project ID: Rix Industries, 6460 Hollis St., Emeryville

QC Sample Group: 2061351-1356

Reported: Jul 13, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	ETOH	N-Propanol	MEK	Benzene	MIBK	Ethyl Silicate
Method:	EPA 8015 *Modified*	EPA 8015 Modified	EPA 8015 Modified	EPA 8015 Modified	EPA 8015 Modified	EPA 8270
Analyst:	M.Tran	M.Tran	M.Tran	M.Tran	M.Tran	N.I.
Reporting Units:	mg/L	mg/L	mg/L	mg/L	mg/L	ug/Kg
Date Analyzed:	Jul 7, 1992	Jul 7, 1992	Jul 7, 1992	Jul 7, 1992	Jul 7, 1992	Jul 9, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	10	10	10	0.50	3.0	90
Conc. Matrix Spike:	10	10	10	0.47	3.0	42
Matrix Spike % Recovery:	100	100	100	94	100	47
Conc. Matrix Spike Dup.:	10	11	11	0.47	3.0	39
Matrix Spike Duplicate % Recovery:	100	110	110	100	100	43
Relative % Difference:	0.0	9.5	9.5	0.0	0.0	7.4

SEQUOIA ANALYTICAL

Karen L. Enstrom
Project Manager

% Recovery:	Conc. of M.S. - Conc. of Sample / Spike Conc. Added	x 100
Relative % Difference:	Conc. of M.S. - Conc. of M.S.D. / (Conc. of M.S. + Conc. of M.S.D.) / 2	x 100

CHAIN OF CUSTODY RECORD

PROJECT NAME AND ADDRESS:
RIX INDUSTRIES
6460 HOLLIS STREET
EMERYVILLE, CA

SAMPLER: (Signature)

HAGEMAN AGUIAR, INC.
3732 Mt. Diablo Blvd., Suite 372
Lafayette, CA 94549
(415)284-1661 (415)284-1664 (FAX)

CROSS REFERENCE NUMBER	DATE	TIME	SOIL	WATER	STATION LOCATION	ANALYSIS REQUESTED: HAL. VOLATILE ORG (8010)	TPH GAS/BTEX (8015/8020)	TEPH-DIESEL INCL. KEROSENE	ETHYL SILICATE	OIL & GREASE (413.1)	IND. SOLVENT SCAN*	REMARKS
01351 MW-1-3'	6/27/92	0910	X		BORING MW-1 @ 3' DEPTH	X	X	X	X	X	X	Norm TAT
1352 MW-1-5'	6/27/92	0920	X		" " @ 5' "	X	X	X	X	X	X	"
MW-1-7.5'	6/27/92	0930	X		" " @ 7.5' "							HOLD "
1353 MW-2-3'	6/27/92	1135	X		BORING MW-2 @ 3' DEPTH	X	X	X	X	X	X	"
1354 MW-2-5'	6/27/92	1145	X		" " @ 5' "	X	X	X	X	X	X	"
1355 MW-3-5'	6/27/92	1345	X		BORING MW-3 @ 5' DEPTH	X	X	X	X	X	X	"
1356 MW-3-7.5'	6/27/92	1400	X		" " @ 7.5' "	X	X	X	X	X	X	"

*SOLVENT SCAN TO INCLUDE:
SEC-BUTYL ALCOHOL
ISOPROPYL ALCOHOL
BUTYL ALCOHOL
METHYL ETHYL KETONE

RELINQUISHED BY: (Signature)	DATE 6/29/92 TIME 0810	RECEIVED BY: (Signature)	DATE 6/29/92 TIME 0810
RELINQUISHED BY: (Signature)	DATE 6-29-92 TIME 0900	RECEIVED BY: (Signature)	DATE 6/29/92 TIME 0900
RELINQUISHED BY: (Signature)	DATE TIME	RECEIVED BY: (Signature)	DATE TIME
RELINQUISHED BY: (Signature)	DATE TIME	RECEIVED FOR LABORATORY BY: (Signature)	DATE TIME

ATTACHMENT F

Analytical Results:

Shallow Groundwater Sampling

SEQUOIA ANALYTICAL

1900 Bates Avenue • Suite LM • Concord, California 94520
(510) 686-9600 • FAX (510) 686-9689

Hageman-Aguilar, Inc.	Client Project ID:	Rix Industries	Sampled:	Jul 8, 1992
3732 Mt. Diablo Blvd., Ste #372	Matrix Descript:	Water	Received:	Jul 8, 1992
Lafayette, CA 94549	Analysis Method:	EPA 5030/8015/8020	Analyzed:	Jul 13, 1992
Attention: Gary Aguilar	First Sample #:	207-0296	Reported:	Jul 23, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

Sample Number	Sample Description	Low/Medium B.P. Hydrocarbons µg/L (ppb)	Benzene µg/L (ppb)	Toluene µg/L (ppb)	Ethyl Benzene µg/L (ppb)	Xylenes µg/L (ppb)
207-0296	MW 1	680	3.8	N.D.	N.D.	3.4
Detection Limits:		**250**	**2.5**	**2.5**	**2.5**	**2.5**

Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard.
Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Karen L. Enstrom
Project Manager

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Hageman-Aguiar, Inc.	Client Project ID:	Rix Industries	Sampled:	Jul 8, 1992
3732 Mt. Diablo Blvd., Ste #372	Matrix Descript:	Water	Received:	Jul 8, 1992
Lafayette, CA 94549	Analysis Method:	EPA 5030/8015/8020	Analyzed:	Jul 13, 1992
Attention: Gary Aguiar	First Sample #:	207-0297	Reported:	Jul 23, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

Sample Number	Sample Description	Low/Medium B.P. Hydrocarbons µg/L (ppb)	Benzene µg/L (ppb)	Toluene µg/L (ppb)	Ethyl Benzene µg/L (ppb)	Xylenes µg/L (ppb)
207-0297	MW 2	1,400	N.D.	12	N.D.	530
Detection Limits:		**500**	**5.0**	**5.0**	**5.0**	**5.0**

Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard.
Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Karen L. Enstrom
Project Manager

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Hageman-Aguiar, Inc.	Client Project ID:	Rix Industries	Sampled:	Jul 8, 1992
3732 Mt. Diablo Blvd., Ste #372	Matrix Descript:	Water	Received:	Jul 8, 1992
Lafayette, CA 94549	Analysis Method:	EPA 5030/8015/8020	Analyzed:	Jul 13, 1992
Attention: Gary Aguiar	First Sample #:	207-0298	Reported:	Jul 23, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

Sample Number	Sample Description	Low/Medium B.P. Hydrocarbons µg/L (ppb)	Benzene µg/L (ppb)	Toluene µg/L (ppb)	Ethyl Benzene µg/L (ppb)	Xylenes µg/L (ppb)
207-0298	MW 3	9,300	N.D.	3,600	N.D.	700
Detection Limits:		**5,000**	**50**	**50**	**50**	**50**

Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard.
Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Karen L. Enstrom
Project Manager

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Hageman-Aguilar, Inc.	Client Project ID:	Rix Industries	Sampled:	Jul 8, 1992
3732 Mt. Diablo Blvd., Ste #372	Matrix Descript:	Water	Received:	Jul 8, 1992
Lafayette, CA 94549	Analysis Method:	EPA 3510/8015	Extracted:	Jul 15, 1992
Attention: Gary Aguilar	First Sample #:	207-0296	Analyzed:	Jul 21, 1992
			Reported:	Jul 23, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015)

Sample Number	Sample Description	High B.P. Hydrocarbons µg/L (ppb)
207-0296	MW 1	6,100

Detection Limits:	500

High Boiling Point Hydrocarbons are quantitated against a diesel fuel standard.
Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Karen L. Enstrom
Project Manager

Please Note: The above sample does not appear to contain diesel.

2070296.HHH <4>

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Hageman-Aguilar, Inc.	Client Project ID:	Rix Industries	Sampled:	Jul 8, 1992
3732 Mt. Diablo Blvd., Ste #372	Matrix Descript:	Water	Received:	Jul 8, 1992
Lafayette, CA 94549	Analysis Method:	EPA 3510/8015	Extracted:	Jul 15, 1992
Attention: Gary Aguilar	First Sample #:	207-0297	Analyzed:	Jul 21, 1992
			Reported:	Jul 23, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015)

Sample Number	Sample Description	High B.P. Hydrocarbons µg/L (ppb)
207-0297	MW 2	17,000
207-0298	MW 3	20,000

Detection Limits:	**1,000**

High Boiling Point Hydrocarbons are quantitated against a diesel fuel standard.
Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Karen L. Enstrom
Project Manager

Please Note: The above samples do not appear to contain diesel.

2070296.HHH <5>

SEQUOIA ANALYTICAL

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(510) 686-9600 • FAX (510) 686-9689

Hageman-Aguiar, Inc.	Client Project ID:	Rix Industries	Sampled:	Jul 8, 1992
3732 Mt. Diablo Blvd., Ste #372	Matrix Descript:	Water	Received:	Jul 8, 1992
Lafayette, CA 94549	Analysis Method:	EPA 3510/8015	Extracted:	Jul 15, 1992
Attention: Gary Aguiar	First Sample #:	207-0296	Analyzed:	Jul 21, 1992
			Reported:	Jul 23, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015) as KEROSENE

Sample Number	Sample Description	High B.P. Hydrocarbons µg/L (ppb)
207-0296	MW 1	6,100

Detection Limits:	500

High Boiling Point Hydrocarbons are quantitated against a kerosene standard.
Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Karen L. Enstrom
Project Manager

Please Note: The above sample does not appear to contain kerosene.

2070296.HHH <6>

SEQUOIA ANALYTICAL

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Hageman-Aguilar, Inc.	Client Project ID:	Rix Industries	Sampled:	Jul 8, 1992
3732 Mt. Diablo Blvd., Ste #372	Matrix Descript:	Water	Received:	Jul 8, 1992
Lafayette, CA 94549	Analysis Method:	EPA 3510/8015	Extracted:	Jul 15, 1992
Attention: Gary Aguilar	First Sample #:	207-0297	Analyzed:	Jul 21, 1992
			Reported:	Jul 23, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015) as KEROSENE

Sample Number	Sample Description	High B.P. Hydrocarbons µg/L (ppb)
207-0297	MW 2	17,000
207-0298	MW 3	20,000

Detection Limits:	**1,000**

High Boiling Point Hydrocarbons are quantitated against a kerosene standard.
Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Karen L. Enstrom
Project Manager

Please Note: The above samples do not appear to contain kerosene.

2070296.HHH <7>

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Hageman-Aguilar, Inc.	Client Project ID:	Rix Industries	Sampled:	Jul 8, 1992
3732 Mt. Diablo Blvd., Ste #372	Matrix Descript:	Water	Received:	Jul 8, 1992
Lafayette, CA 94549	Analysis Method:	EPA 3510/8015	Extracted:	Jul 15, 1992
Attention: Gary Aguilar	First Sample #:	207-0296	Analyzed:	Jul 21, 1992
			Reported:	Jul 23, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015) as MINERAL SPIRITS

Sample Number	Sample Description	High B.P. Hydrocarbons µg/L (ppb)
207-0296	MW 1	6,400

Detection Limits:	500

High Boiling Point Hydrocarbons are quantitated against a mineral spirits standard.
Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Karen L. Enstrom
Project Manager

Please Note: The above sample does not appear to contain mineral spirits.

2070296.HHH <8>

SEQUOIA ANALYTICAL

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Hageman-Aguiar, Inc.	Client Project ID:	Rix Industries	Sampled:	Jul 8, 1992
3732 Mt. Diablo Blvd., Ste #372	Matrix Descript:	Water	Received:	Jul 8, 1992
Lafayette, CA 94549	Analysis Method:	EPA 3510/8015	Extracted:	Jul 15, 1992
Attention: Gary Aguiar	First Sample #:	207-0297	Analyzed:	Jul 21, 1992
			Reported:	Jul 23, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015) as MINERAL SPIRITS

Sample Number	Sample Description	High B.P. Hydrocarbons µg/L (ppb)
207-0297	MW 2	20,000
207-0298	MW 3	21,000

Detection Limits:	**1,000**

High Boiling Point Hydrocarbons are quantitated against a mineral spirits standard.
Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Karen L. Enstrom
Project Manager

Please Note: The above samples do not appear to contain mineral spirits.

2070296.HHH <9>

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Hageman-Aguiar, Inc.	Client Project ID:	Rix Industries	Sampled:	Jul 8, 1992
3732 Mt. Diablo Blvd., Ste #372	Matrix Descript:	Water	Received:	Jul 8, 1992
Lafayette, CA 94549	Analysis Method:	EPA 413.1 (Gravimetric)	Extracted:	Jul 8, 1992
Attention: Gary Aguiar	First Sample #:	207-0296	Analyzed:	Jul 14, 1992
			Reported:	Jul 23, 1992

TOTAL RECOVERABLE OIL & GREASE

Sample Number	Sample Description	Oil & Grease mg/L (ppm)
207-0296	MW 1	14
207-0297	MW 2	19
207-0298	MW 3	28

Detection Limits:	**5.0**

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

SEQUOIA ANALYTICAL

Karen L. Enstrom
Project Manager

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Hageman-Aguilar, Inc.	Client Project ID:	Rix Industries	Sampled:	Jul 8, 1992
3732 Mt. Diablo Blvd., Ste #372	Sample Descript:	Water, MW 1	Received:	Jul 8, 1992
Lafayette, CA 94549	Analysis Method:	EPA 601	Analyzed:	Jul 14, 1992
Attention: Gary Aguilar	Lab Number:	207-0296	Reported:	Jul 23, 1992

PURGEABLE HALOCARBONS (EPA 601)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane	1.0	N.D.
Bromoform	1.0	N.D.
Bromomethane	1.0	N.D.
Carbon tetrachloride	1.0	N.D.
Chlorobenzene	1.0	N.D.
Chloroethane	1.0	N.D.
2-Chloroethylvinyl ether	1.0	N.D.
Chloroform	1.0	N.D.
Chloromethane	1.0	N.D.
Dibromochloromethane	1.0	N.D.
1,3-Dichlorobenzene	1.0	N.D.
1,4-Dichlorobenzene	1.0	N.D.
1,2-Dichlorobenzene	1.0	N.D.
1,1-Dichloroethane	1.0	36
1,2-Dichloroethane	1.0	N.D.
1,1-Dichloroethene	1.0	N.D.
cis-1,2-Dichloroethene	1.0	N.D.
trans-1,2-Dichloroethene	1.0	N.D.
1,2-Dichloropropane	1.0	N.D.
cis-1,3-Dichloropropene	1.0	N.D.
trans-1,3-Dichloropropene	1.0	N.D.
Methylene chloride	10	N.D.
1,1,2,2-Tetrachloroethane	1.0	N.D.
Tetrachloroethene	1.0	N.D.
1,1,1-Trichloroethane	1.0	N.D.
1,1,2-Trichloroethane	1.0	N.D.
Trichloroethene	1.0	N.D.
Trichlorofluoromethane	1.0	N.D.
Vinyl chloride	1.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Hageman-Aguilar, Inc.	Client Project ID:	Rix Industries	Sampled:	Jul 8, 1992
3732 Mt. Diablo Blvd., Ste #372	Sample Descript:	Water, MW 2	Received:	Jul 8, 1992
Lafayette, CA 94549	Analysis Method:	EPA 601	Analyzed:	Jul 15, 1992
Attention: Gary Aguilar	Lab Number:	207-0297	Reported:	Jul 23, 1992

PURGEABLE HALOCARBONS (EPA 601)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane	1.0	N.D.
Bromoform	1.0	N.D.
Bromomethane	1.0	N.D.
Carbon tetrachloride	1.0	N.D.
Chlorobenzene	1.0	N.D.
Chloroethane	1.0	N.D.
2-Chloroethylvinyl ether	1.0	N.D.
Chloroform	1.0	N.D.
Chloromethane	1.0	N.D.
Dibromochloromethane	1.0	N.D.
1,3-Dichlorobenzene	1.0	N.D.
1,4-Dichlorobenzene	1.0	N.D.
1,2-Dichlorobenzene	1.0	N.D.
1,1-Dichloroethane	1.0	22
1,2-Dichloroethane	1.0	N.D.
1,1-Dichloroethene	1.0	N.D.
cis-1,2-Dichloroethene	1.0	99
trans-1,2-Dichloroethene	1.0	N.D.
1,2-Dichloropropane	1.0	N.D.
cis-1,3-Dichloropropene	1.0	N.D.
trans-1,3-Dichloropropene	1.0	N.D.
Methylene chloride	10	N.D.
1,1,2,2-Tetrachloroethane	1.0	N.D.
Tetrachloroethene	1.0	52
1,1,1-Trichloroethane	1.0	N.D.
1,1,2-Trichloroethane	1.0	N.D.
Trichloroethene	1.0	21
Trichlorofluoromethane	1.0	N.D.
Vinyl chloride	1.0	46

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Project Manager

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Hageman-Aguilar, Inc.	Client Project ID:	Rix Industries	Sampled:	Jul 8, 1992
3732 Mt. Diablo Blvd., Ste #372	Sample Descript:	Water, MW 3	Received:	Jul 8, 1992
Lafayette, CA 94549	Analysis Method:	EPA 601	Analyzed:	Jul 13, 1992
Attention: Gary Aguilar	Lab Number:	207-0298	Reported:	Jul 23, 1992

PURGEABLE HALOCARBONS (EPA 601)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	5.0	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chloroethane	5.0	N.D.
2-Chloroethylvinyl ether	5.0	N.D.
Chloroform	5.0	N.D.
Chloromethane	5.0	N.D.
Dibromochloromethane	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	5.0	N.D.
1,2-Dichlorobenzene	5.0	N.D.
1,1-Dichloroethane	5.0	30
1,2-Dichloroethane	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.
cis-1,2-Dichloroethene	5.0	630
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.
Methylene chloride	50	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	2,200
1,1,1-Trichloroethane	5.0	81
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	5.0	300
Trichlorofluoromethane	5.0	N.D.
Vinyl chloride	5.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Karen L. Enstrom
Project Manager

2070296.HHH <13>

SEQUOIA ANALYTICAL

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Hageman-Aguiar, Inc.	Client Project ID:	Rix Industries	Sampled:	Jul 8, 1992
3732 Mt. Diablo Blvd., Ste #372	Sample Descript:	Water, MW 1	Received:	Jul 8, 1992
Lafayette, CA 94549	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	7/15 & 7/16/92
Attention: Gary Aguiar	Lab Number:	207-0296	Reported:	Jul 23, 1992

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/L	Sample Results mg/L
Acetone	0.40	N.D.
Acetonitrile	1.0	N.D.
Benzene	0.010	N.D.
Iso-Butanol	0.20	N.D.
n-Butanol	0.50	N.D.
sec-Butanol	0.20	N.D.
t-Butanol	0.20	N.D.
Carbon tetrachloride	0.20	N.D.
Chloroform	0.10	N.D.
Cyclohexane	0.010	N.D.
1,2-Dichloroethane	0.10	N.D.
t-1,2-Dichloroethene	0.040	N.D.
Ethanol	1.0	N.D.
Ethyl acetate	0.10	N.D.
Ethyl benzene	**0.010**	**0.038**
Ethyl ether	0.020	N.D.
Freon 113 (Trichlorotrifluoroethane)	0.020	N.D.
Hexane	0.010	N.D.
Methanol	1.0	N.D.
Methyl ethyl ketone	0.20	N.D.
Methyl isobutyl ketone	0.050	N.D.
Methylene chloride	0.10	N.D.
Iso-Octane	0.010	N.D.
Iso-Propanol	0.60	N.D.
n-Propanol	0.60	N.D.
n-Propyl benzene	0.010	N.D.
Tetrachloroethylene	0.040	N.D.
Tetrahydrofuran	0.10	N.D.
1,1,1,-Trichlorethane	0.10	N.D.
Trichloroethylene	0.040	N.D.
Toluene	0.010	N.D.
m-Xylene	**0.010**	**0.27**
o-Xylene	**0.010**	**0.29**
p-Xylene	**0.010**	**0.24**

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

SEQUOIA ANALYTICAL

Karen L. Enstrom
Project Manager

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1900 Bates Avenue • Suite LM • Concord, California 94520
(510) 686-9600 • FAX (510) 686-9689

Hageman-Aguilar, Inc.	Client Project ID:	Rix Industries	Sampled:	Jul 8, 1992
3732 Mt. Diablo Blvd., Ste #372	Sample Descript:	Water, MW 2	Received:	Jul 8, 1992
Lafayette, CA 94549	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	7/15 & 7/16/92
Attention: Gary Aguilar	Lab Number:	207-0297	Reported:	Jul 23, 1992

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/L	Sample Results mg/L
Acetone	0.40	N.D.
Acetonitrile	1.0	N.D.
Benzene	0.010	N.D.
Iso-Butanol	0.20	N.D.
n-Butanol	0.50	N.D.
sec-Butanol	0.20	N.D.
t-Butanol	0.20	N.D.
Carbon tetrachloride	0.20	N.D.
Chloroform	0.10	N.D.
Cyclohexane	0.010	N.D.
1,2-Dichloroethane	0.10	N.D.
t-1,2-Dichloroethene	0.040	N.D.
Ethanol	1.0	N.D.
Ethyl acetate	0.10	N.D.
Ethyl benzene	0.010	0.069
Ethyl ether	0.020	N.D.
Freon 113 (Trichlorotrifluoroethane)	0.020	N.D.
Hexane	0.010	N.D.
Methanol	1.0	N.D.
Methyl ethyl ketone	0.20	N.D.
Methyl isobutyl ketone	0.050	N.D.
Methylene chloride	0.10	N.D.
Iso-Octane	0.010	N.D.
Iso-Propanol	0.60	N.D.
n-Propanol	0.60	N.D.
n-Propyl benzene	0.010	N.D.
Tetrachloroethylene	0.040	N.D.
Tetrahydrofuran	0.10	N.D.
1,1,1,-Trichlorethane	0.10	N.D.
Trichloroethylene	0.040	N.D.
Toluene	0.010	N.D.
m-Xylene	0.010	1.1
o-Xylene	0.010	0.26
p-Xylene	0.010	0.52

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

SEQUOIA ANALYTICAL

Karen L. Enstrom
Project Manager

SEQUOIA ANALYTICAL

1900 Bates Avenue • Suite LM • Concord, California 94520
(510) 686-9600 • FAX (510) 686-9689

Hageman-Aguiar, Inc.	Client Project ID:	Rix Industries	Sampled:	Jul 8, 1992
3732 Mt. Diablo Blvd., Ste #372	Sample Descript:	Water, MW 3	Received:	Jul 8, 1992
Lafayette, CA 94549	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	7/15 & 7/16/92
Attention: Gary Aguiar	Lab Number:	207-0298	Reported:	Jul 23, 1992

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/L	Sample Results mg/L
Acetone	0.40	N.D.
Acetonitrile	1.0	N.D.
Benzene	0.010	N.D.
Iso-Butanol	0.20	N.D.
n-Butanol	0.50	N.D.
sec-Butanol	0.20	N.D.
t-Butanol	0.20	N.D.
Carbon tetrachloride	0.20	0.98
Chloroform	0.10	N.D.
Cyclohexane	0.010	N.D.
1,2-Dichloroethane	0.10	0.45
t-1,2-Dichloroethene	0.040	N.D.
Ethanol	1.0	N.D.
Ethyl acetate	0.10	N.D.
Ethyl benzene	0.010	N.D.
Ethyl ether	0.020	N.D.
Freon 113 (Trichlorotrifluoroethane)	0.020	N.D.
Hexane	0.010	N.D.
Methanol	1.0	N.D.
Methyl ethyl ketone	0.20	N.D.
Methyl isobutyl ketone	0.050	N.D.
Methylene chloride	0.10	N.D.
Iso-Octane	0.010	N.D.
Iso-Propanol	0.60	N.D.
n-Propanol	0.60	N.D.
n-Propyl benzene	0.010	N.D.
Tetrachloroethylene	0.040	N.D.
Tetrahydrofuran	0.10	N.D.
1,1,1,-Trichlorethane	0.10	N.D.
Trichloroethylene	0.040	0.26
Toluene	0.010	N.D.
m-Xylene	0.010	0.53
o-Xylene	0.010	0.21
p-Xylene	0.010	0.43

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

SEQUOIA ANALYTICAL

Karen L. Enstrom
Project Manager

2070296.HHH <16>

SEQUOIA ANALYTICAL

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(510) 686-9600 • FAX (510) 686-9689

Hageman-Aguilar, Inc.
3732 Mt. Diablo Blvd., Ste #372
Lafayette, CA 94549
Attention: Gary Aguilar

Client Project ID: Rix Industries

QC Sample Group: 2070296-298

Reported: Jul 23, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes	Diesel	Oil and Grease
Method:	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA8015	SM5520
Analyst:	A.P.	A.P.	A.P.	A.P.	K.Wimer	D. Newcomb
Reporting Units:	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L
Date Analyzed:	Jul 13, 1992	Jul 13, 1992	Jul 13, 1992	Jul 13, 1992	Jul 21, 1992	Jul 14, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	20	20	20	60	300	100
Conc. Matrix Spike:	19	20	19	64	263	94
Matrix Spike % Recovery:	95	100	95	107	88	94
Conc. Matrix Spike Dup.:	20	20	20	65	294	92
Matrix Spike Duplicate % Recovery:	100	100	100	108	98	92
Relative % Difference:	5.1	0.0	5.1	1.6	11.1	2.0

SEQUOIA ANALYTICAL

Karen L. Enstrom
Project Manager

% Recovery: $\frac{\text{Conc. of M.S. - Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$

Relative % Difference: $\frac{\text{Conc. of M.S. - Conc. of M.S.D.}}{\text{(Conc. of M.S. + Conc. of M.S.D.) / 2}} \times 100$

SEQUOIA ANALYTICAL

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(510) 686-9600 • FAX (510) 686-9689

Hageman-Aguiar, Inc.
3732 Mt. Diablo Blvd., Ste #372
Lafayette, CA 94549
Attention: Gary Aguiar

Client Project ID: Rix Industries

QC Sample Group: 2070296-298

Reported: Jul 23, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	ETOH	N-Propanol	MEK	Benzene	MIBK
Method:	EPA 8015 - Modified	EPA 8015 - Modified	EPA 8015 - Modifie	EPA 8015 - Modifie	EPA 8015 - Modified
Analyst:	M. Tran	M. Tran	M. Tran	M. Tran	M. Tran
Reporting Units:	mg/L	mg/L	mg/L	mg/L	mg/L
Date Analyzed:	Jul 16, 1992	Jul 16, 1992	Jul 16, 1992	Jul 16, 1992	Jul 16, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	10	10	10	0.50	3.0
Conc. Matrix Spike:	9.7	10	10	0.51	3.1
Matrix Spike % Recovery:	97	100	100	102	103
Conc. Matrix Spike Dup.:	9.7	9.8	11	0.44	3.3
Matrix Spike Duplicate % Recovery:	97	98	110	88	110
Relative % Difference:	0.0	2.0	9.5	15	6.3

SEQUOIA ANALYTICAL

Karen L. Enstrom
Project Manager

% Recovery: $\frac{\text{Conc. of M.S. - Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$

Relative % Difference: $\frac{\text{Conc. of M.S. - Conc. of M.S.D.}}{\text{(Conc. of M.S. + Conc. of M.S.D.) / 2}} \times 100$

SEQUOIA ANALYTICAL

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(510) 686-9600 • FAX (510) 686-9689

Hageman-Aguiar, Inc.
3732 Mt. Diablo Blvd., Ste #372
Lafayette, CA 94549
Attention: Gary Aguiar

Client Project ID: Rix Industries

QC Sample Group: 2070296-298

Reported: Jul 23, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	1,1-Dichloroethene	Trichloro-ethene	Chloro-benzene
Method:	EPA 8010	EPA 8010	EPA 8010
Analyst:	K. Nill	K. Nill	K. Nill
Reporting Units:	µg/L	µg/L	µg/L
Date Analyzed:	Jul 13, 1992	Jul 13, 1992	Jul 13, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank
Sample Conc.:	N.D.	N.D.	N.D.
Spike Conc. Added:	10	10	10
Conc. Matrix Spike:	9.4	8.9	8.8
Matrix Spike % Recovery:	94	89	88
Conc. Matrix Spike Dup.:	9.9	8.9	9.4
Matrix Spike *Duplicate* % Recovery:	99	89	94
Relative % Difference:	5.2	0.0	6.6

Quality Assurance Statement: All standard operating procedures and quality control requirements have been met.

SEQUOIA ANALYTICAL

Karen L. Enstrom
Project Manager

% Recovery:	$\frac{\text{Conc. of M.S. - Conc. of Sample}}{\text{Spike Conc. Added}}$	x 100
Relative % Difference:	$\frac{\text{Conc. of M.S. - Conc. of M.S.D.}}{\text{(Conc. of M.S. + Conc. of M.S.D.) / 2}}$	x 100

SEQUOIA ANALYTICAL

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Hageman-Aguiar, Inc.
3732 Mt. Diablo Blvd., Ste #372
Lafayette, CA 94549
Attention: Gary Aguiar

Client Project ID: Rix Industries

QC Sample Group: 2070296-298

Reported: Jul 23, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	1,1-Dichloroethene	Trichloro-ethene	Chloro-benzene
Method:	EPA 8010	EPA 8010	EPA 8010
Analyst:	M. Nguyen	M. Nguyen	M. Nguyen
Reporting Units:	µg/L	µg/L	µg/L
Date Analyzed:	Jul 14, 1992	Jul 14, 1992	Jul 14, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank
Sample Conc.:	N.D.	N.D.	N.D.
Spike Conc. Added:	10	10	10
Conc. Matrix Spike:	7.9	10	9.5
Matrix Spike % Recovery:	79	100	95
Conc. Matrix Spike Dup.:	7.7	10	9.7
Matrix Spike Duplicate % Recovery:	77	100	97
Relative % Difference:	2.6	0.0	2.1

Quality Assurance Statement: All standard operating procedures and quality control requirements have been met.

SEQUOIA ANALYTICAL

Karen L. Enstrom
Project Manager

$$\%\ \text{Recovery:} \quad \frac{\text{Conc. of M.S. - Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$$

$$\text{Relative \% Difference:} \quad \frac{\text{Conc. of M.S. - Conc. of M.S.D.}}{\text{(Conc. of M.S. + Conc. of M.S.D.) / 2}} \times 100$$

CHAIN OF CUSTODY RECORD

PROJECT NAME AND ADDRESS:
RIX INDUSTRIES
6460 HOLLIS ST.
EMERYVILLE, CA

SAMPLER: (Signature)

HAGEMAN - AGUIAR, INC.
3732 Mt. Diablo Blvd., Suite 372
Lafayette, CA 94549
(415)284-1661 (415)284-1664 (FAX)

ANALYSIS REQUESTED

CROSS REFERENCE NUMBER	DATE	TIME	SOIL	WATER	STATION LOCATION	TPH GAS / BTXE	EPA 601	TEPH - INCL. KEROSENE + MINERAL SPIRITS	OIL & GREASE (413.1)	ETHYL SILICATE IND. SOLVENT SCAN *	REMARKS
MW 1	7-8-92	0955		X	RIX IND. 2070296AI	X	X	X	X	X	X	NORM TAT
MW 2	7-8-92	1038		X	" " 297AI	X	X	X	X	X	X	" "
MW 3	7-8-92	1125		X	" " 298AI	X	X	X	X	X	X	" "
											* SOLVENT SCAN TO INCLUDE:
					VOA BROKEN - 2070297E - FOR ETHYL SILICATE SAL-CONCORD						- SEC-BUTYL ALCOHOL
											- ISOPROPYL ALCOHOL
											- BUTYL ALCOHOL
											- METHYL ETHYL KETONE

RELINQUISHED BY: (Signature)	DATE 7-8-92 TIME 1330	RECEIVED BY: (Signature)	DATE 7-8-92 TIME 1330
RELINQUISHED BY: (Signature)	DATE TIME	RECEIVED BY: (Signature)	DATE TIME
RELINQUISHED BY: (Signature)	DATE TIME	RECEIVED BY: (Signature)	DATE TIME
RELINQUISHED BY: (Signature)	DATE TIME	RECEIVED FOR LABORATORY BY: (Signature)	DATE TIME