

LETTER OF TRANSMITTAL

ENVIRONMENTAL
PROTECTION

96 MAR 29

DATE	March 28, 1996	BEL Job No.	88288.001
SITE:	G.F. Trucking Facility 1750 Adams Avenue, San Leandro, CA		
PM:	Deborah Underwood		

Mr. Dale Klettke

Alameda County Health Care Services Agency

1131 Harbor Bay Parkway

Alameda, CA 94502-6577

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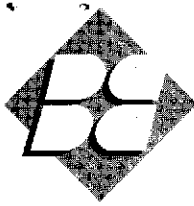
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SIGNED: Deborah Underwood



Mr. Mike Rogers
ABF Freight System, Inc.
3801 Old Greenwood Road
Fort Smith, AR 72903

**Subject: Fourth Quarter 1995 through First Quarter 1996
Groundwater Monitoring and Free Product Recovery
G.I. Trucking Facility
1750 Adams Avenue
San Leandro, California
STID 1373**

Dear Mr. Rogers:

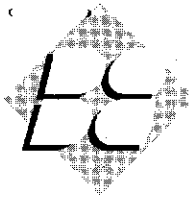
This letter documents the quarterly free product recovery and semi-annual groundwater monitoring activities performed during Fourth Quarter 1995 and First Quarter 1996 at the subject site (Figures 1 and 2).

1.0 Introduction

1.1 Background

Blymyer Engineers was retained by Milne Truck Lines in July 1986 to conduct precision testing and to install a monitoring system for three 12,000-gallon diesel, one 12,000-gallon gasoline, and one 800-gallon waste oil underground storage tank (UST) at the site, which is currently occupied by G.I. Trucking Company. All of the USTs were constructed of fiberglass. During precision testing, which required that the USTs be filled to capacity with product, all of the USTs tested tight except for the waste oil UST. The waste oil UST was uncovered to identify the source of the leak and to attempt to repair the UST. It was observed by a representative of the UST manufacturing company that the bottom of the waste oil UST was ruptured and damaged beyond repair. In December 1986, when the waste oil UST was removed, it was observed that the pea gravel and native soil surrounding the UST contained waste oil and there was approximately 3 inches of waste oil on the groundwater surface.

Groundwater and waste oil were removed from the waste oil UST basin during two pumping events, leaving only a sheen on groundwater. Approximately 45 cubic yards of contaminated pea gravel and native soil were removed and disposed of. It was noted that once the contaminated soil was removed, diesel fuel flowed into the excavation from the direction of the diesel USTs. The diesel fuel was removed via pumping on two occasions, leaving a sheen on groundwater. The excavation was subsequently filled to just below grade surface (bgs) with pea gravel and



Mr. Mike Rogers
March 28, 1996
Page 2

resurfaced. A 12-inch-diameter free product recovery well with a passive skimmer, presently designated MW-1, was installed in the center of the former waste oil UST basin to recover any diesel fuel that accumulated after backfilling the excavation.

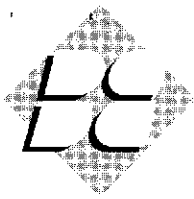
Four monitoring wells with total depths of approximately 25 feet bgs were also installed in the vicinity of the UST system to assess the extent of soil and groundwater contamination associated with the diesel USTs. The native soil consisted predominantly of sandy clay or clayey sand and silty clay. The soil samples collected from the soil bores contained petroleum hydrocarbon concentrations ranging from 71 to 210 parts per million, quantified using EPA Method 3550. No concentrations of Total Oil and Grease, by an unspecified analytical method, were detected in groundwater samples collected from the four monitoring wells.

The diesel USTs were re-tested in April 1987 during which all three USTs were certified as tight. Based on the test results, it was assumed by Blymyer Engineers that the diesel fuel removed from the excavation did not result from a UST leak, but that a damaged product line may have been the source. Any released diesel fuel was likely contained in the relatively higher permeability pea gravel.

Quarterly groundwater monitoring of the monitoring wells, presently designated MW-2 through MW-5, began in Fourth Quarter 1988. Since monitoring began, only groundwater samples collected from monitoring wells MW-2 and MW-3 have contained detectable concentrations of the analytes. Therefore, groundwater sample analysis for monitoring wells MW-4 and MW-5 was discontinued after Third Quarter 1995 in accordance with the Alameda County Health Care Services Agency's (ACHCSA's) letter dated August 14, 1995. Low concentrations of Total Petroleum Hydrocarbons (TPH) as diesel have been detected in groundwater samples collected from monitoring well MW-2 since Fourth Quarter 1994 and TPH as diesel has consistently been detected in groundwater samples collected from monitoring well MW-3 since First Quarter 1990. Low concentrations of toluene, below the California Department of Health Services and Environmental Protection Agency Maximum Contaminant Level (MCL), have been detected in a groundwater sample collected from monitoring well MW-2 during First Quarter 1995 and in a groundwater sample collected from monitoring well MW-3 during Third Quarter 1994. Groundwater flow direction has historically ranged between south and southeast.

Free product ranging in thickness from less than 0.2 feet to a sheen has been measured on groundwater in well MW-1 since quarterly monitoring began, and approximately 1.18 gallons of free product has been recovered since recovery activities began in November 1993.

During Second Quarter 1995, additional analyses of the waste oil suite were performed in accordance with the request of the ACHCSA. Although the waste oil released from the former waste oil UST was removed, the ACHCSA requested that the waste oil suite of analyses be

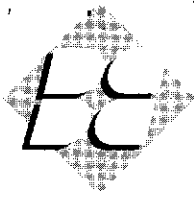


Mr. Mike Rogers
March 28, 1996
Page 3

performed for confirmation. Analysis of TPH as motor oil was also performed to provide additional groundwater contaminant data. The analytical results, which were either non-detectable or below MCLs, indicated that diesel fuel, not waste oil, was the cause of groundwater contamination at the site.

Based on the data accumulated since 1988, Blymyer Engineers requested site closure from the ACHCSA in April 1995, considering the recent changes in the regulatory climate regarding plume definition and necessary closure conditions. In its letter dated July 27, 1995, the ACHCSA granted a reduced sampling frequency and discontinuation of the waste oil suite analyses. Blymyer Engineers inquired whether TPH as gasoline analysis was to be continued, because the status was not discussed in the ACHCSA letter. The ACHCSA stated that the need for the analysis would be evaluated, but that minimally, analysis of benzene, toluene, ethylbenzene, and total xylenes (BTEX) and TPH as diesel should be performed. The ACHCSA also stated that the concentrations of toluene, the "unstabilized" TPH as diesel concentrations, and the presence of free product, although minimal, needed to be addressed before closure could be granted.

Blymyer Engineers discussed these issues with the ACHCSA in August and November 1995. Because the toluene concentration units were misread as milligrams per liter (mg/L), instead of micrograms per liter ($\mu\text{g/L}$), the ACHCSA thought the toluene concentrations detected in groundwater collected from monitoring well MW-3 exceeded MCLs. Therefore, the ACHCSA's main concern was that a sheen or product layer still exists in recovery well MW-1 and the secondary concern was that the TPH as diesel concentrations were the highest during First Quarter 1995. It was concurred by Blymyer Engineers and ACHCSA that if an additional recovery well was installed in the backfill, downgradient of the southwest corner of the diesel UST basin (the inferred source), free product recovery would be expedited and the TPH as diesel concentrations in groundwater would likely decrease. In the meantime, the ACHCSA requested that semi-annual groundwater monitoring and quarterly free product recovery be continued. In February 1996, Blymyer Engineers notified the ACHCSA that installation of an additional recovery well was under consideration while groundwater monitoring and free product recovery is ongoing. At that time, the ACHCSA confirmed that analysis of TPH as gasoline was no longer necessary based on the existing data.



2.0 Data Collection

2.1 Groundwater Sample Collection

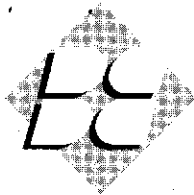
Groundwater samples were collected from monitoring wells MW-2 and MW-3 (Figure 2) on February 15, 1996. The groundwater samples were collected in accordance with the previously submitted Blymyer Engineers' Standard Operating Procedure No. 3, entitled *Groundwater Monitoring and Well Sampling Using a Bailer or Hand Pump, Revision No. 1*. The groundwater depth measurements and details of the monitoring well purging and sampling are presented on the Well Purging and Sampling Data sheets included as Attachment A. Historic and recent measurements of groundwater depth are presented in Table I. All purge and decontamination water was stored in Department of Transportation-approved, 55-gallon drums for future disposal.

2.2 Groundwater Sample Analytical Methods

The groundwater samples were submitted to Sequoia Analytical, a California-certified laboratory, on a standard 10-day turnaround time for analysis of BTEX by EPA Method 8020 and TPH as diesel by modified EPA Method 8015. As discussed in the last groundwater monitoring and free product report, the analytical results for TPH as diesel have been converted to mg/L from $\mu\text{g/L}$ (since the laboratory was changed during Third Quarter 1995) in order to maintain consistency with results reported in the past. Tables II, III, and IV summarize the current and all previous analytical results for groundwater samples collected from the monitoring wells. The laboratory analytical report for the current sampling event is included as Attachment B.

2.3 Free Product Recovery

The EZY[®] passive skimmer was on a monthly operation and maintenance schedule, overseen by on-site personnel, until August 1994. Since then, the skimmer has been maintained quarterly by Blymyer Engineers, either in concurrence with groundwater monitoring in the first and third quarters of the year or independently of groundwater monitoring in the second and fourth quarters of the year. The skimmer was removed from monitoring well MW-1 on November 16, 1995, and on February 15, 1996, in order to recover any product that was contained in the skimmer. The groundwater depth, the thickness of any ponded product, and the volume of recovered product were measured on each site visit. On February 15, 1996, the skimmer was submerged due to a decrease in depth to groundwater since the last recovery event. The depth of the skimmer was adjusted to appropriately intersect the current depth of the groundwater surface. Table I presents historic and current groundwater and product depth measurements. Table V



contains a summary of the free product volume recovered during past events and the approximate cumulative volume of free product removed to date.

3.0 Discussion of Data

3.1 Groundwater Sample Analytical Results

Concentrations of TPH as diesel were detected in the groundwater samples collected from monitoring wells MW-2 and MW-3 (Table III) this quarter. The TPH as diesel concentration detected in the groundwater sample collected from monitoring well MW-2 was only slightly above the method detection limit. BTEX were not detected in the groundwater samples collected from the monitoring wells (Table II).

3.2 Recovered Free Product Data

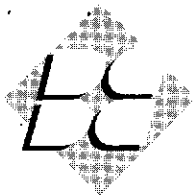
In November 1995, approximately 0.25 gallons of free product were recovered from the skimmer, and in February 1996, there was no measurable free product to be recovered. The cumulative volume of free product removed since recovery began has amounted to approximately 1.18 gallons.

3.2 Groundwater Flow Direction and Gradient

Based on the depth-to-groundwater measurements this quarter, the groundwater flow direction in the vicinity of the underground storage tank basin was toward the south with a gradient of approximately 0.010 feet per foot.

4.0 Recommendations

- One recovery well should be installed in the southwest, downgradient corner of the UST basin to expedite free product recovery.
- Quarterly free product recovery and semi-annual groundwater monitoring should be continued in order to remove recoverable free product and to further assess trends in contaminant concentrations in groundwater at the site. Analysis of total dissolved solids, to assess the quality of groundwater, should be performed.



Mr. Mike Rogers
March 28, 1996
Page 6

5.0 Limitations

Services performed by Blymyer Engineers have been provided in accordance with generally accepted professional practices for the nature and conditions of the work completed in the same or similar localities, at the time the work was performed. The scope of work for the project was conducted within the limitations prescribed by the client, G.I. Trucking Company. This report is not meant to represent a legal opinion. No other warranty, expressed or implied, is made. This report was prepared for the sole use of the client.


The next free product recovery event is scheduled for May 1996 and the next groundwater monitoring and free product recovery event is scheduled for August 1996. Please call Deborah Underwood at (510) 521-3773 with any questions or comments.

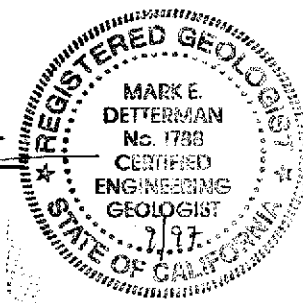
Sincerely,

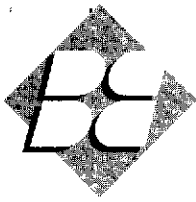
Blymyer Engineers, Inc.

By: 

Deborah Underwood
Geologist

And: 
Mark Detterman, C.E.G. 1788
Senior Geologist





Mr. Mike Rogers
March 28, 1996
Page 7

Enclosures:

Table I: Groundwater Depth Measurements
Table II: Summary of Groundwater Sample Analytical Results; Benzene, Toluene, Ethylbenzene, and Total Xylenes
Table III: Summary of Groundwater Sample Analytical Results; TPH as Diesel
Table IV: Summary of Groundwater Sample Analytical Results; TPH as Gasoline, TPH as Motor Oil, TRPH, HVOCs, SVOCs, and Metals
Table V: Free Product Recovery Measurements, Monitoring Well MW-1

Figure 1: Site Location Map
Figure 2: Site Plan and Groundwater Elevation Contours, February 15, 1996

Attachment A: Well Purging and Sampling Data Sheets, dated February 15, 1996
Attachment B: Laboratory Analytical Report, Sequoia Analytical, dated February 27, 1996

cc: Mr. Dale Klettke, Alameda County Health Care Services Agency
Mr. Eddy So, San Francisco Bay Regional Water Quality Control Board
Mr. Mike Bakaldin, San Leandro Fire Department
Mr. Bob Hogencamp, G.I. Trucking Company
Mr. Tom McGuire, G.I. Trucking Company

Table I. Groundwater Depth Measurements
BEI Job No. 88288.001, G.J. Trucking Facility, 1750 Adams Avenue, San Leandro, California

Date Measured	MW-1 TOC Elevation 100.00 ^a		MW-2 TOC Elevation 100.24 ^a		MW-3 TOC Elevation 100.22 ^a TOC Elevation 100.18 ^b		MW-4 TOC Elevation 99.48 ^a		MW-5 TOC Elevation 99.60 ^a	
	Depth to Water/ Free Product	Water Surface Elevation	Depth to Water	Water Surface Elevation	Depth to Water	Water Surface Elevation	Depth to Water	Water Surface Elevation	Depth to Water	Water Surface Elevation
November 15, 1988	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
February 16, 1989	6.03/5.83	N/A	6.13	94.11	6.00	94.22	5.92	93.56	5.42	94.18
May 19, 1989	6.31/6.11	N/A	6.24	94.00	6.20	94.02	5.25	94.23	5.53	94.07
August 22, 1989	6.72/6.54	N/A	6.68	93.56	6.60	93.62	6.76	92.72	5.94	93.66
November 21, 1989	6.51	93.49	6.64	93.60	6.55	93.67	5.72	93.76	5.91	93.69
February 23, 1990	5.74	94.26	6.04	94.20	5.83	94.39	4.92	94.56	5.69	93.91
May 23, 1990	6.34/6.19	N/A	6.40	93.84	6.38	93.84	5.39	94.09	5.92	93.68
August 27, 1990	6.27	93.73	6.70	93.54	6.67	93.55	5.66	93.82	6.17	93.43
December 3, 1990	6.49	93.51	6.83	93.41	6.75	93.47	5.95	93.53	6.05	93.55
March 13, 1991	4.94	95.06	5.64	94.60	5.42	94.80	4.39	95.09	5.01	94.59
May 29, 1991	9.46	90.54	6.31	93.93	6.28	93.94	5.27	94.21	5.57	94.03
August 28, 1991	6.31/6.22	N/A	6.68	93.56	6.62	93.60	5.70	93.78	5.90	93.7
December 9, 1991	6.49/6.29	N/A	6.69	93.55	6.65	93.57	5.78	93.78	5.99	93.61
February 18, 1992	4.19/4.09	N/A	4.96	95.28	4.73	95.49	3.60	95.88	4.45	95.15
May 15, 1992	5.72/5.55	N/A	6.07	94.17	5.99	94.23	5.03	94.45	5.33	94.27
August 13, 1992	6.12/5.93	N/A	6.42	93.82	6.32	93.90	5.40	94.08	5.62	93.98
December 3, 1992	5.65/5.55	N/A	6.25	93.99	6.23	93.99	5.14	94.34	5.58	94.02
March 25, 1993	4.60	95.40	5.40	94.84	5.27	94.95	4.14	95.34	4.34	95.26
May 21, 1993	5.56/5.47	N/A	6.04	94.20	5.97	94.25	4.95	94.53	5.28	94.32
August 17, 1993	6.07/5.94	N/A	6.42	93.82	6.59	93.63	5.40	94.08	5.61	93.99
December 13, 1993	NM ^c	NM ^c	6.09	94.15	6.33	93.89	5.08	94.40	5.38	94.22
February 24, 1994	4.97	95.63	5.57	94.67	5.76	94.46	4.38	95.10	4.90	94.70
May 11, 1994	5.20	94.80	5.94	94.30	5.84	94.34	4.85	94.63	5.23	94.37
August 23, 1994	6.06/5.98	N/A	6.44	93.80	6.38	93.80	5.47	94.01	5.70	93.90
November 29, 1994	5.98	94.02	5.82	94.42	5.76	94.42	4.76	94.72	5.12	94.48

Table I. Groundwater Depth Measurements
BEI Job No. 88288.001, G.J. Trucking Facility, 1750 Adams Avenue, San Leandro, California

Date Measured	MW-1 TOC Elevation 100.00 ^a		MW-2 TOC Elevation 100.24 ^a		MW-3 TOC Elevation 100.22 ^a TOC Elevation 100.18 ^b		MW-4 TOC Elevation 99.48 ^a		MW-5 TOC Elevation 99.60 ^a	
	Depth to Water/ Free Product	Water Surface Elevation	Depth to Water	Water Surface Elevation	Depth to Water	Water Surface Elevation	Depth to Water	Water Surface Elevation	Depth to Water	Water Surface Elevation
February 15, 1995	4.93	95.07	5.68	95.56	5.60	95.58	NM	NM	NM	NM
May 18, 1995	4.99	95.01	NM	NM	NM	NM	NM	NM	NM	NM
August 16, 1995	6.46	93.54	6.19	94.05	6.11	94.07	5.16	94.32	5.47	94.13
November 16, 1995	5.21	94.79	NM	NM	NM	NM	NM	NM	NM	NM
February 15, 1996	4.68	95.32	5.62	94.62	5.48	94.70	4.40	95.08	4.90	94.70

TOC = Top of casing
a = Based on an arbitrary datum
b = Resurveyed elevation, May 11, 1994
c = Not measured due to equipment malfunction
N/A = Non-applicable
NM = Not measured

**Table II. Summary of Groundwater Sample Analytical Results
Benzene, Toluene, Ethylbenzene, and Total Xylenes, Modified EPA Method 8020 (µg/L)
BEI Job No. 88288.001, G.I. Trucking Facility, 1750 Adams Avenue, San Leandro, California**

Date Sampled	MW-1	MW-2	MW-3	MW-4	MW-5
November 15, 1988 to May 21, 1993	Not Analyzed				
August 17, 1993	0.13 feet free product	<0.5	<0.5	<0.5	<0.5
December 13, 1993	heavy product sheen	<0.5	<0.5	<0.5	<0.5
February 24, 1994	heavy product sheen	<0.5	<0.5	<0.5	<0.5
May 11, 1994	heavy product sheen	<0.5	<0.5	<0.5	<0.5
August 23, 1994	0.08 feet free product	<0.5	0.6 ^a	<0.5	<0.5
November 29, 1994	heavy product sheen	<0.5	<0.5	NA	NA
February 15, 1995	heavy product sheen	1.2 ^a	ND	NA	NA
August 16, 1995	heavy product sheen	<0.5	<0.5	NA	NA
February 15, 1996	heavy product sheen	<0.5	<0.5	NA	NA

µg/L = Micrograms per liter

<x = Detected concentration less than respective detection limit of x.

a = Detected concentration of toluene.

NA = Not analyzed

ND = None of analytes detected above the detection limit; see individual laboratory report for respective detection limits.

Table III. Summary of Groundwater Sample Analytical Results
TPH as Diesel, Modified EPA Method 8015 (mg/L)
BEI Job No. 88288.001, G.I. Trucking Facility, 1750 Adams Avenue, San Leandro, California

Date Sampled	MW-1	MW-2	MW-3	MW-4	MW-5
November 15, 1988	0.22 feet free product	<0.20	<0.20	<0.20	<0.20
February 16, 1989	0.20 feet free product	<0.09	<0.09	<0.09	<0.09
May 19, 1989	0.20 feet free product	<0.08	<0.08	<0.08	<0.08
August 22, 1989	0.18 feet free product	<0.03	<0.03	<0.03	<0.03
November 21, 1989	product sheen	<0.03	<0.03	<0.03	<0.03
February 23, 1990	product sheen	<0.05	0.34	<0.05	<0.05
May 23, 1990	0.15 feet free product	<0.05	0.64	<0.05	<0.05
August 27, 1990	product sheen	<0.05	0.41	<0.05	<0.05
December 3, 1990	product sheen	<0.05	<0.05	<0.05	<0.05
March 13, 1991	product sheen	<0.05	1.3	<0.05	<0.05
May 29, 1991	product sheen	<0.05	0.54	<0.05	<0.05
August 28, 1991	0.09 feet free product	<0.05	0.24	<0.05	<0.05
December 9, 1991	0.20 feet free product	<0.05	0.20	<0.05	<0.05
February 18, 1992	0.09 feet free product	<0.05	0.89	<0.05	<0.05
May 15, 1992	0.17 feet free product	<0.05	0.38	<0.05	<0.05
August 13, 1992	0.19 feet free product	<0.05	0.20	<0.05	<0.05
December 3, 1992	0.10 feet free product	<0.05	<0.05	<0.05	<0.05
March 25, 1993	product sheen	<0.05	1.6	<0.05	<0.05
May 21, 1993	0.09 feet free product	<0.05	0.72	<0.05	<0.05
August 17, 1993	0.13 feet free product	<0.05	0.48	<0.05	<0.05
December 13, 1993	heavy product sheen	<0.05	0.19	<0.05	<0.05
February 24, 1994	heavy product sheen	<0.05	0.38	<0.05	<0.05
May 11, 1994	heavy product sheen	<0.05	0.58	<0.05	<0.05
August 23, 1994	0.08 feet free product	<0.05	0.45 ^a	<0.05	<0.05
November 29, 1994	heavy product sheen	0.09	0.96 ^a	NA	NA
February 15, 1995	heavy product sheen	0.1 ^a	1.7 ^a	NA	NA
August 16, 1995 ^b	heavy product sheen	0.063 ^c	1.1 ^c	NA	NA
February 15, 1996	heavy product sheen	0.079	1.3	NA	NA

TPH = Total Petroleum Hydrocarbons

mg/L = Milligrams per liter

<x = Detected concentration less than respective detection limit of x.

NA = Not analyzed

a = Laboratory reports that positive result appears to be due to the presence of a heavier hydrocarbon than diesel.

b = Beginning this sampling event results are converted to mg/L, originally reported in µg/L.

c = Laboratory reports that an unidentified hydrocarbon, heavier than the diesel standard, was present between the carbon range of C9 to C24.

Table IV. Summary of Groundwater Sample Analytical Results*
TPH as Gasoline, TPH as Motor Oil, TRPH, HVOCs, SVOCs, and Metals
BEI Job No. 88288.001, G.I. Trucking Facility, 1750 Adams Avenue, San Leandro, California

Sample I.D.	Date Sampled	Modified EPA Method 8015 TPH as gasoline (mg/L)	Modified EPA Method 8015 TPH as motor oil ^a (mg/L)	EPA Method 418.1 TRPH (mg/L)	EPA Method 601 HVOCs (µg/L)	EPA Method 8270 SVOCs (µg/L)	EPA Methods 6010 and 7421 Metals ^b (mg/L)
MW-1	January 15, 1988 to August 23, 1994	NA	NA	NA	NA	NA	NA
	November 29, 1994 ^c	NA	NA	NA	NA	NA	NA
	February 15, 1995 ^c	NA	NA	NA	NA	NA	NA
	August 16, 1995 ^c	NA	NA	NA	NA	NA	NA
MW-2	January 15, 1988 to August 23, 1994	NA	NA	NA	NA	NA	NA
	November 29, 1994	<0.05	NA	NA	ND	ND	ND ^d
	February 15, 1995	<0.05	<0.5	<5.0	ND	ND	0.002 Pb ^e
	August 16, 1995 ^f	NA	NA	NA	NA	NA	NA
MW-3	January 15, 1988 to August 23, 1994	NA	NA	NA	NA	NA	NA
	November 29, 1994	<0.05	NA	NA	ND	ND	ND ^d
	February 15, 1995	<0.05	<0.5	<5.0	ND	ND	0.004 Pb ^e 0.16 Zn ^e
	August 16, 1995 ^f	NA	NA	NA	NA	NA	NA

* = Groundwater samples from monitoring wells MW-4 and MW-5 were not collected for analysis

TPH = Total Petroleum Hydrocarbons

HVOCs = Halogenated Volatile Organic Compounds

SVOCs = Semi-volatile Organic Compounds

mg/L = Milligrams per liter

µg/L = Micrograms per liter

a = TPH as motor oil analysis performed First Quarter 1995 only to provide additional groundwater chemistry data.

b = Metals analytical test includes: cadmium (Cd), chromium (Cr), lead (Pb), nickel (Ni), zinc (Zn).

c = Not analyzed due to presence of free product or product sheen in monitoring well.

d = Groundwater sample filtered and preserved before submittal to laboratory.

e = Detected analyte(s) and concentration(s) listed; see individual laboratory report for respective detection limit(s).

f = Analysis of groundwater samples for TPH as gasoline, TRPH, HVOCs, SVOCs, and metals was discontinued beginning this monitoring event.

NA = Not analyzed

ND = None of analytes detected above the detection limit; see individual laboratory report for respective detection limits.

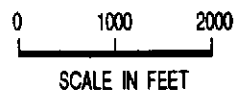
**Table V. Free Product Recovery Measurements, Monitoring Well MW-1
BEI Job No. 88288.001, G.I. Trucking Facility, 1750 Adams Avenue, San Leandro, California**

Date Recovered	Volume Recovered (gallons)
November 1988 to October 1993	No recovery performed
November 1993	0.125
December 1993	0.25
January 1994	0.05
February 1994	<0.05
March 1994	<0.05
April 1994	<0.05
May 1994	<0.05
June 1994	<0.025
July 1994	<0.025
August 1994 ^a	0.1
November 1994	0.1
February 1995	<0.025
May 1995	<0.025
August 1995	No measurable product to recover
November 1995	0.25
February 1996	No measurable product to recover
Cumulative Volume Recovered (approximate)	1.18

a = Frequency of recovery activities decreased from monthly to quarterly after this recovery event.



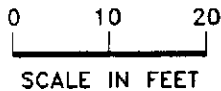
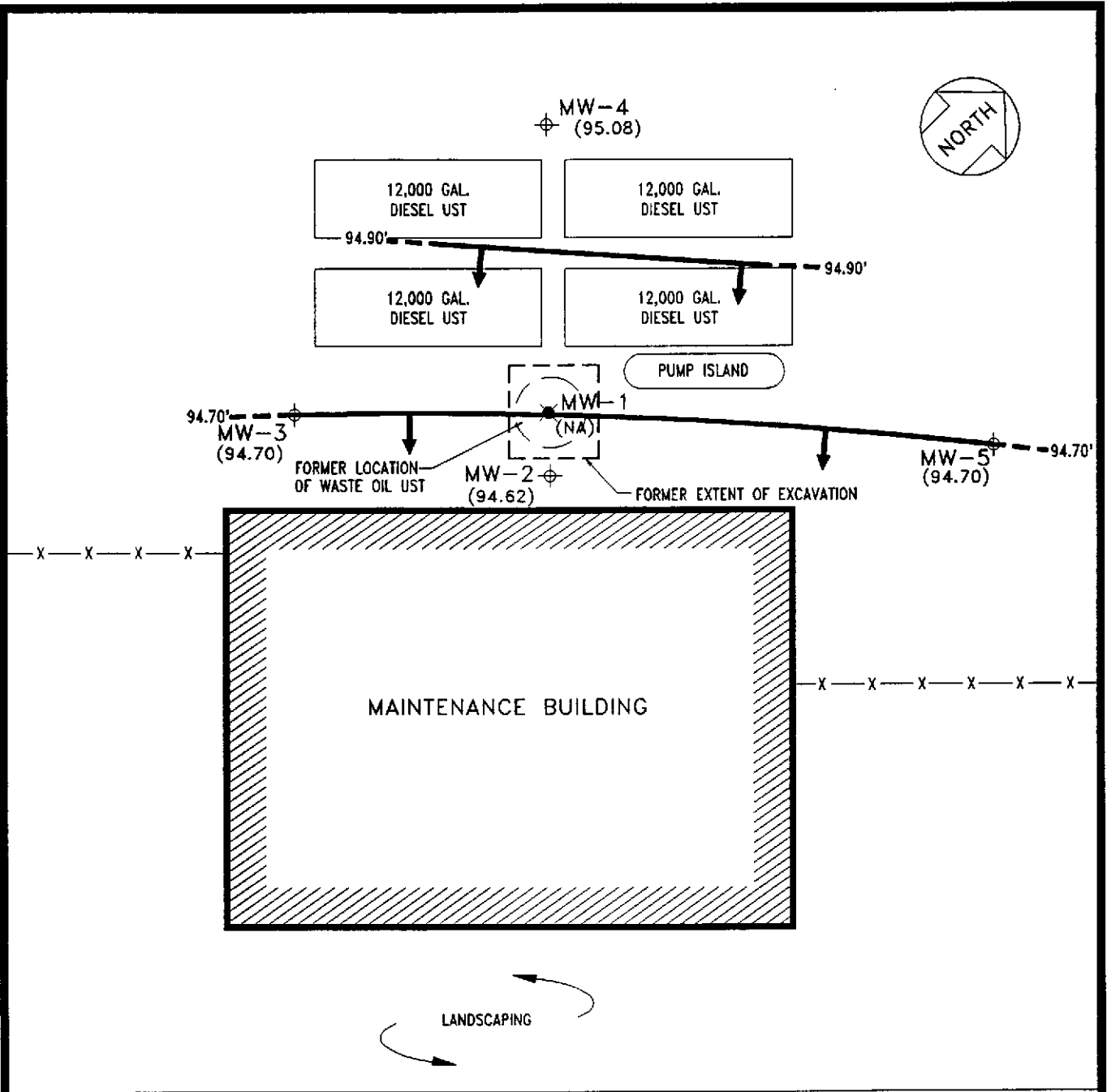
UNITED STATES GEOLOGICAL SURVEY 7.5' QUAD. "SAN LEANDRO, CA", ED. 1959, PHOTOREVISED 1980.



SITE LOCATION MAP
G.I. TRUCKING FACILITY
1750 ADAMS AVE.
SAN LEANDRO, CA

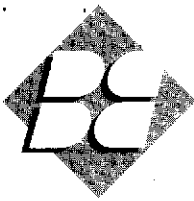
FIGURE
1

BEI JOB NO. 88288 DATE 9/19/95



ADAMS AVENUE

	LEGEND UST UNDERGROUND STORAGE TANK MONITORING WELL RECOVERY WELL (94.62) GROUNDWATER ELEVATION (FT.) (ARBITRARY DATUM) (NA) NOT APPLICABLE GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRIED) GROUNDWATER FLOW DIRECTION (APPROX.)		SITE PLAN AND GROUNDWATER ELEVATION CONTOURS FEBRUARY 15, 1996 G.I. TRUCKING FACILITY 1750 ADAMS AVE. SAN LEANDRO, CA	FIGURE 2
	BEI JOB NO. 88288.001	DATE 2/20/96		



Attachment A

Well Purging and Sampling Data Sheets, dated February 15, 1996

Well Purging and Sampling Data

Date	2/15/96	Project Number	88288.1	Project Name	G.I. Trucking
Well Number	MW-2	Boring Diameter	N/A	Casing Diameter	2"

Column of Liquid in Well		Volume to be Removed	
Depth to product	N/A	Gallons per foot of casing	= 0.17 gal/ft.
Depth to water	5.62 ft.	Column of water	x 17.63 ft.
Total depth of well	23.25 ft.	Volume of casing	= 3.00 gal.
Column of water	17.63 ft.	No. of volumes to remove	x 3
		Total volume to remove	= 9.00 gal.

Method of measuring liquid	Oil/water interface probe
Method of purging well	Disposable polyethylene bailer
Method of decontamination	Liqui-nox and distilled water

Physical appearance of water (clarity, color, particulates, odor)	
Initial	Clear, no odor
During	Slightly silty, tan color, no odor
Final	Slightly silty, tan color, no odor

Field Analysis	Initial	During		Final
Time	10:26	10:32	10:38	10:44
Temperature (F)	64.6	65.3	65.7	65.5
Conductivity (us/cm)	738	748	751	754
pH	7.68	7.63	7.52	7.51
Method of measurement	Hydac meter			
Total volume purged	9.00 gal.			
Comments	Sampled with disposable polyethylene bailer			

Sample Number	Amount of Sample
MW-2	3-40ml VOAs w/ HCl
	2-1L amber bottles

Signed/Sampler	<i>Steph W. Miller</i>	Date	2/15/96
Signed/Reviewer	<i>Blundell</i>	Date	2/15/96

Well Purging and Sampling Data

Date	2/15/96	Project Number	88288.1	Project Name	G. I. Trucking
Well Number	MW-3	Boring Diameter	N/A	Casing Diameter	2"

Column of Liquid in Well		Volume to be Removed	
Depth to product	N/A	Gallons per foot of casing	= 0.17 gal/ft.
Depth to water	5.48 ft.	Column of water	x 17.27 ft.
Total depth of well	22.75 ft.	Volume of casing	= 2.94 gal.
Column of water	17.27 ft.	No. of volumes to remove	x 3
		Total volume to remove	= 8.82 gal.

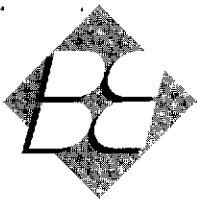
Method of measuring liquid	Oil/water interface probe
Method of purging well	Disposable polyethylene bailer
Method of decontamination	Liqui-nox and distilled water

Physical appearance of water (clarity, color, particulates, odor)	
Initial	Clear, no odor
During	Silty, tan color, no odor
Final	Silty, tan color, no odor

Field Analysis	Initial	During		Final
Time	11:25	11:31	11:38	11:44
Temperature (F)	65.2	66.5	66.7	66.9
Conductivity (us/cm)	723	743	826	867
pH	7.34	7.33	7.31	7.36
Method of measurement	Hydac meter			
Total volume purged	9.00 gal.			
Comments	Sampled with disposable polyethylene bailer			

Sample Number	Amount of Sample
MW-3	3-40ml VOAs w/ HCl
	2-1L amber bottles

Signed/Sampler	<i>Steph W. Miller</i>	Date	2/15/96
Signed/Reviewer	<i>William L.</i>	Date	2/15/96



Attachment B

Laboratory Analytical Report, Sequoia Analytical, dated February 27, 1996



Blymyer Engineers
1829 Clement Street
Alameda, CA 94501-1396

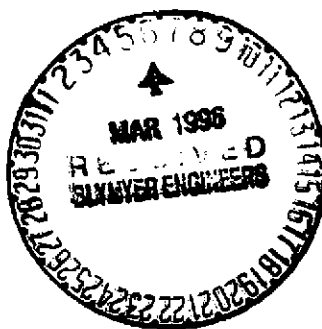
Client Proj. ID: 88288.1/GI Trucking/San Lean.
Sample Descript: MW-2
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9602C49-01

Sampled: 02/15/96
Received: 02/16/96
Extracted: 02/22/96
Analyzed: 02/24/96
Reported: 02/27/96

QC Batch Number: GC0222960HBPEXY
Instrument ID: GCHP4A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern: Unidentified HC	50	79
		C9-C24
Surrogates	Control Limits %	% Recovery
n-Pentacosane (C25)	50 150	100



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

SEQUOIA ANALYTICAL - ELAP #1210

Noelle Lane

Noelle Lane
Project Manager





Blymyer Engineers 1829 Clement Street Alameda, CA 94501-1396	Client Proj. ID: 88288.1/GI Trucking/San Lean. Sample Descript: MW-2 Matrix: LIQUID Analysis Method: EPA 8020 Lab Number: 9602C49-01	Sampled: 02/15/96 Received: 02/16/96 Analyzed: 02/21/96 Reported: 02/27/96
Attention: Debra Underwood		

QC Batch Number: GC022196BTEX21A
Instrument ID: GCHP21

BTEX Distinction

Analyte	Detection Limit ug/L	Sample Results ug/L
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	96

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

SEQUOIA ANALYTICAL - ELAP #1210

Noelle Lane

Noelle Lane
Project Manager





Blymyer Engineers 1829 Clement Street Alameda, CA 94501-1396	Client Proj. ID: 88288.1/GI Trucking/San Lean. Sample Descript: MW-3 Matrix: LIQUID Analysis Method: EPA 8015 Mod Lab Number: 9602C49-02	Sampled: 02/15/96 Received: 02/16/96 Extracted: 02/22/96 Analyzed: 02/24/96 Reported: 02/27/96
--	--	--

QC Batch Number: GC0222960HBPEXY
Instrument ID: GCHP4B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern: Unidentified HC	50	1300 C9-C24
Surrogates	Control Limits %	% Recovery
n-Pentacosane (C25)	50 150	152 Q

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

SEQUOIA ANALYTICAL - ELAP #1210

Noelle Lane

Noelle Lane
Project Manager





Blymyer Engineers 1829 Clement Street Alameda, CA 94501-1396	Client Proj. ID: 88288.1/GI Trucking/San Lean. Sample Descript: MW-3 Matrix: LIQUID Analysis Method: EPA 8020 Lab Number: 9602C49-02	Sampled: 02/15/96 Received: 02/16/96 Analyzed: 02/21/96 Reported: 02/27/96
Attention: Debra Underwood		

QC Batch Number: GC022196BTEX21A
Instrument ID: GCHP21

BTEX Distinction

Analyte	Detection Limit ug/L	Sample Results ug/L
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	85

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

SEQUOIA ANALYTICAL - ELAP #1210

Noelle Lane

Noelle Lane
Project Manager





Blymyer Engineers
1829 Clement Street
Alameda, CA 94501-1396
Attention: Debra Underwood

Client Project ID: 88288.1/G1 Trucking/San Lean.
Matrix: Liquid

Work Order #: 9602C49 -01 -02

Reported: Feb 29, 1996

QUALITY CONTROL DATA REPORT

Analyte: Diesel

QC Batch#: GC022296OHBPEXY

Analy. Method: EPA 8015 M

Prep. Method: EPA 3520

Analyst: J.Minkel

MS/MSD #: 9602C49-01

Sample Conc.: 79

Prepared Date: 2/22/96

Analyzed Date: 2/24/96

Instrument I.D.#: GCHP4A

Conc. Spiked: 1000 ug/L

Result: 1800

MS % Recovery: 172

Dup. Result: 1900

MSD % Recov.: 182

RPD: 5.4

RPD Limit: 0-50

LCS #: BLK022296YAS

Prepared Date: 2/22/96

Analyzed Date: 2/24/96

Instrument I.D.#: GCHP4A

Conc. Spiked: 1000 ug/L

LCS Result: 860

LCS % Recov.: 86

MS/MSD

LCS 50-150

Control Limits

Please Note:

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

SEQUOIA ANALYTICAL

Noelle Lane
Project Manager

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

9602C49.BBB <1>





Blymyer Engineers
1829 Clement Street
Alameda, CA 94501-1396
Attention: Debra Underwood

Client Project ID: 88288.1/G1 Trucking/San Lean.
Matrix: Liquid

Work Order #: 9602C49 -01 -02

Reported: Feb 29, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC022196BTEX21A	GC022196BTEX21A	GC022196BTEX21A	GC022196BTEX21A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030

Analyst:	J. Woo	J. Woo	J. Woo	J. Woo
MS/MSD #:	9602451-10	9602451-10	9602451-10	9602451-10
Sample Conc.:	N.D.]	N.D.]	N.D.]	N.D.]
Prepared Date:	2/21/96	2/21/96	2/21/96	2/21/96
Analyzed Date:	2/21/96	2/21/96	2/21/96	2/21/96
Instrument I.D.#:	GCHP21	GCHP21	GCHP21	GCHP21
Conc. Spiked:	10 ug/L	10 ug/L	10 ug/L	10 ug/L

Result:	11	11	9.9	29
MS % Recovery:	110	110	99	97

Dup. Result:	11	12	11	32
MSD % Recov.:	110	120	110	107

RPD:	0.0	8.7	11	9.8
RPD Limit:	0-50	0-50	0-50	0-50

LCS #:	GBLK022196A	GBLK022196A	GBLK022196A	GBLK022196A
Prepared Date:	2/21/96	2/21/96	2/21/96	2/21/96
Analyzed Date:	2/21/96	2/21/96	2/21/96	2/21/96
Instrument I.D.#:	GCHP21	GCHP21	GCHP21	GCHP21
Conc. Spiked:	10 ug/L	10 ug/L	10 ug/L	30 ug/L
LCS Result:	12	11	10	29
LCS % Recov.:	120	110	100	97

MS/MSD					
LCS	70-130	70-130	70-130	70-130	L
Control Limits	50-150	50-150	50-150	50-150	S

Please Note:

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

SEQUOIA ANALYTICAL

Noelle Lane
Noelle Lane
Project Manager

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

9602C49.BBB <2>





CHAIN OF CUSTODY RECORD

JOB #		PROJECT NAME/LOCATION				# OF CONTAINERS	TPH AS GASOLINE + BTX (MOD EPA 801.5/8020)	TPH AS DIESEL (MOD EPA 801.5)	VOC (EPA 624/8240)	SEMI-VOC (EPA 625/8270)	TRPH (EPA 418.1)	BTX (EPA 8020/602)	HOLD	TURNAROUND TIME: <u>Standard</u> DAY(S)
SAMPLERS (SIGNATURE)														REMARKS:
DATE	TIME	COMP	GRAB	SAMPLE NAME/LOCATION										
88288.1		GI Trucking / San Leandro, CA												
		Stephen W. Mann												9602049
1	2/15/96		X	MW-2	5		X				X		cooler at 2°C	
2	2/15/96		X	MW-3	5		X				X		cooler at 2°C	
REQUESTED BY: Debra Underwood						RESULTS AND INVOICE TO: ABF Freight Systems, Inc. c/o Blymyer Engineers, Inc								
RELINQUISHED BY: (SIGNATURE)		DATE / TIME		RECEIVED BY: (SIGNATURE)		RELINQUISHED BY: (SIGNATURE)		DATE / TIME		RECEIVED BY: (SIGNATURE)				
Stephen W. Mann		2/16/96 1045		Steve Tan		Steve Tan		2/16/96 1250						
RELINQUISHED BY: (SIGNATURE)		DATE / TIME		RECEIVED FOR LABORATORY BY: (SIGNATURE)		DATE / TIME		REMARKS:						
		2/16/96 1247		SKOR		2/16/96 1247								