



February 10, 1995
BEI Job No. 88288

Mr. Larry Seto *Scott*

Alameda County Health Care Services Agency
Division of Hazardous Materials
Department of Environmental Health
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502-6577

**Subject: Fourth Quarter 1994 Groundwater Monitoring
G.I. Trucking Company
1750 Adams Avenue
San Leandro, California**

Dear Mr. Seto:

This letter documents the Fourth Quarter 1994 groundwater monitoring activities at the above-referenced site (Figure 1).

Two of the five existing groundwater monitoring wells (MW-2 and MW-3, Figure 2) were sampled on November 29, 1994. In accordance with the Alameda County Health Care Services Agency (ACHCSA) letter, dated August 5, 1994, which states that groundwater sampling and sample analysis for monitoring wells MW-4 and MW-5 is no longer required, only monitoring wells MW-2 and MW-3 were sampled this quarter. Monitoring well MW-1 contains an EZ® passive skimmer, which is used to recover free-phase petroleum product in the monitoring well as part of the interim remedial efforts at the site. Consequently, monitoring well MW-1 also was not sampled this quarter.

Three well casing volumes of water were removed from each of the two wells prior to sampling. A representative groundwater sample was collected from each well using a disposable polyethylene bailer and placed in appropriate containers for transport to the analytical laboratory. The Well Purging and Sampling Data sheets for the sampled monitoring wells are attached (Attachment A). The groundwater samples were placed in a cooler with blue ice and delivered via courier to National Environmental Testing, Inc., a California-certified laboratory.

The groundwater samples were tested for the analytes listed below, as requested by the ACHCSA in their August 1994 letter, in addition to the regular analyses, TPH as diesel by modified EPA Method 8015 and benzene, toluene, ethylbenzene, and total xylenes (BTEX) by EPA Method 602. The laboratory analytical report is included as Attachment B.

- Total Petroleum Hydrocarbons (TPH) as gasoline by modified EPA Method 8015
- Halogenated Volatile Compounds (HVOCs) by EPA Method 601



- Semivolatile Organic Compounds (SVOCs) by EPA Method 8270
- Cadmium, chromium, lead, nickel, and zinc by EPA Method 6010

Low concentrations of TPH as diesel were detected in the groundwater samples collected from monitoring wells MW-2 and MW-3 (Table I). This is the first quarter in which TPH as diesel has been detected in the groundwater sample from monitoring well MW-2. The concentration was only slightly above the method detection limit. No other analytes were detected in groundwater samples collected from these monitoring wells this quarter (Tables II and III).

TPH as diesel was first detected in a groundwater sample collected from monitoring well MW-3 in February 1990. Since February 1990, except for the December 1990 and December 1992 sampling events, TPH as diesel has been detected in all groundwater samples from this monitoring well at concentrations ranging from 0.19 milligrams per liter (mg/L) to 1.6 mg/L. TPH as diesel was detected at 0.96 mg/L in monitoring well MW-3 this sampling event; however, the laboratory indicated that the positive result is likely due to a heavier hydrocarbon than diesel.

TPH as diesel has never been detected in any groundwater samples from monitoring wells MW-4 and MW-5 since the initial sampling event, on November 15, 1988.

Monitoring well MW-1 has consistently contained a free-phase petroleum product layer or a product sheen in groundwater since quarterly monitoring began in November 1988. An EZ[®] passive skimmer was installed on October 27, 1993. The skimmer is on a monthly operation and maintenance schedule, overseen by on-site personnel. Table IV contains a summary of the amount of free product recovered and the approximate cumulative volume of free product removed to date.

The groundwater flow direction in the vicinity of the former waste oil underground storage tank basin this quarter was toward the south-southeast. The flow direction has historically ranged between southwest and southeast (Figure 2). Historic and recent measurements of depth to groundwater are presented in Table V.

In addition to continued quarterly monitoring events, future site activities will include a top-of-casing monitoring well survey, to mean sea level, of the five monitoring wells at the site, as requested by the ACHCSA in their August 1994 letter.



Mr. Larry Seto
February 10, 1995
Page 3

Please call (510) 521-3773 with any questions or comments.

Sincerely,

Blymyer Engineers, Inc.



By: *Deborah Underwood*
Deborah Underwood
Geologist

And: *John Morrison*
John Morrison, R.G. 5773
Director, Earth Sciences

Enclosures:

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

Figure 1: Site Location Map
Figure 2: Site Plan and Groundwater Contour Map, 11/29/94

Attachment A: Well Purging and Sampling Data Sheets, dated November 29, 1994
Attachment B: Laboratory Analytical Report, National Environmental Testing, Inc., revision dated January 5, 1995

cc: Mr. Eddy So, RWQCB
Mr. Mike Bakaldin, San Leandro Fire Department
Mr. Wade Stroupe, Jr., Carolina Freight Carriers Corporation
Mr. Bob Hogencamp, G.I. Trucking Company
Mr. Tom McGuire, G.I. Trucking Company

Table I. Summary of Groundwater Sample Analytical Results
Total Petroleum Hydrocarbons as Diesel, Modified EPA Method 8015 (mg/L)
BEI Job No. 88288, G.I. Trucking Company, 1750 Adams Avenue, San Leandro, California

Date Sampled	MW-1	MW-2	MW-3	MW-4	MW-5
November 15, 1988	0.22 feet product	<0.20	<0.20	<0.20	<0.20
February 16, 1989	0.20 feet 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*	<0.05	<0.05
November 29, 1994	heavy product sheen	0.09	0.96*	NA	NA

mg/L = Milligrams per liter

<x = Detected at less than indicated detection limit of x

* = Laboratory reports that positive result appears to be a heavier hydrocarbon than diesel

NA = Not analyzed

Table II. Summary of Groundwater Sample Analytical Results
Benzene, Toluene, Ethylbenzene, and Total Xylenes, Modified EPA Method 8020 (µg/L)
BEI Job No. 88288, G.I. Trucking Company 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 ^{~ / 22}	<0.5	0.6 ^a	<0.5	<0.5
November 29, 1994	heavy product sheen	<0.5	<0.5	NA	NA

µg/L = Micrograms per liter
 <x = Detected at less than the indicated detection limit of x
^a = Concentration of toluene detected
 NA = Not analyzed

**Table III. Summary of Groundwater Sample Analytical Results,
BEI Job No. 88288, G.I. Trucking, 1750 Adams Avenue, San Leandro, California**

Sample I.D.	Date Sampled	Modified EPA Method 8015 TPH as gasoline (mg/L)	EPA Method 601 HVOCs (µg/L)	EPA Method 8270 SVOCs (µg/L)	EPA Method 6010 Metals ^a (mg/L)
MW-1	11/15/88 to 08/23/94	NA	NA	NA	NA
	11/29/94 ^b	NA	NA	NA	NA
MW-2	11/15/88 to 08/23/94	NA	NA	NA	NA
	11/29/94	ND	ND	ND	ND ^c
MW-3	11/15/88 to 08/23/94	NA	NA	NA	NA
	11/29/94	ND	ND	ND	ND ^c
MW-4	11/15/88 to 08/23/94	NA	NA	NA	NA
	11/29/94	NA	NA	NA	NA
MW-5	11/15/88 to 08/23/94	NA	NA	NA	NA
	11/29/94	NA	NA	NA	NA

- TPH = Total Petroleum Hydrocarbons
 HVOCs = Halogenated Volatile Organic Compounds
 SVOCs = Semivolatile Organic Compounds
 mg/L = Milligrams per liter
 µg/L = Micrograms per liter
^a = Metals analytical test includes: cadmium, chromium, lead, nickel, zinc
^b = Not analyzed due to presence of free product or heavy product sheen in well
^c = Groundwater sample filtered and preserved before submittal to laboratory
 NA = Not analyzed
 ND = Not detected above the detection limit; see individual laboratory report for respective detection limit

Table IV. Free Product Recovery From Monitoring Well MW-1 BEI Job No. 88288, G.I. Trucking Company, 1750 Adams Avenue, San Leandro, California	
Date Recovered	Volume Recovered (gallons)
November 1988 to October 1993	none recovered
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	0.10
September 1994	none recovered
October 1994	none recovered
November 1994	0.10
Cumulative Volume Recovered (approximate)	0.875

Table V. Groundwater Elevation Measurements
BEI Job No. 88288, G.I. Trucking Company, 1750 Adams Avenue, San Leandro, California

Date Measured	MW-1 TOC Elevation 100.00*		MW-2 TOC Elevation 100.24*		MW-3 TOC Elevation 100.22* TOC Elevation 100.18**		MW-4 TOC Elevation 99.48*		MW-5 TOC Elevation 99.60*	
	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	No Measurements Recorded									
February 16, 1989	6.03/5.83	NA	6.13	94.11	6.00	94.22	5.92	93.56	5.42	94.18
May 19, 1989	6.31/6.11	NA	6.24	94.00	6.20	94.02	5.25	94.23	5.53	94.07
August 22, 1989	6.72/6.54	NA	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	NA	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	NA	6.68	93.56	6.62	93.60	5.70	93.78	5.90	93.7
December 9, 1991	6.49/6.29	NA	6.69	93.55	6.65	93.57	5.78	93.78	5.99	93.61
February 18, 1992	4.19/4.09	NA	4.96	95.28	4.73	95.49	3.60	95.88	4.45	95.15
May 15, 1992	5.72/5.55	NA	6.07	94.17	5.99	94.23	5.03	94.45	5.33	94.27
August 13, 1992	6.12/5.93	NA	6.42	93.82	6.32	93.90	5.40	94.08	5.62	93.98
December 3, 1992	5.65/5.55	NA	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	NA	6.04	94.20	5.97	94.25	4.95	94.53	5.28	94.32
August 17, 1993	6.07/5.94	NA	6.42	93.82	6.59	93.63	5.40	94.08	5.61	93.99
December 13, 1993	NM	NM	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	5.98/6.06	NA	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

TOC = Top of Casing; * = Based on an Arbitrary Datum; ** = Resurveyed elevation, May 11, 1994; NA = Not Applicable; NM = Not measured due to equipment malfunction

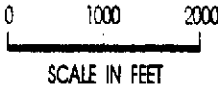
BLMYER ENGINEERS, INC.



SOURCE: UNITED STATES GEOGRAPHICAL SURVEY 7.5' QUAD. "SAN LEANDRO, CA" PHOTOREVISED 1980.



BLMYER
ENGINEERS, INC.

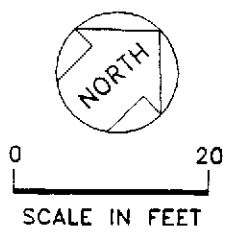
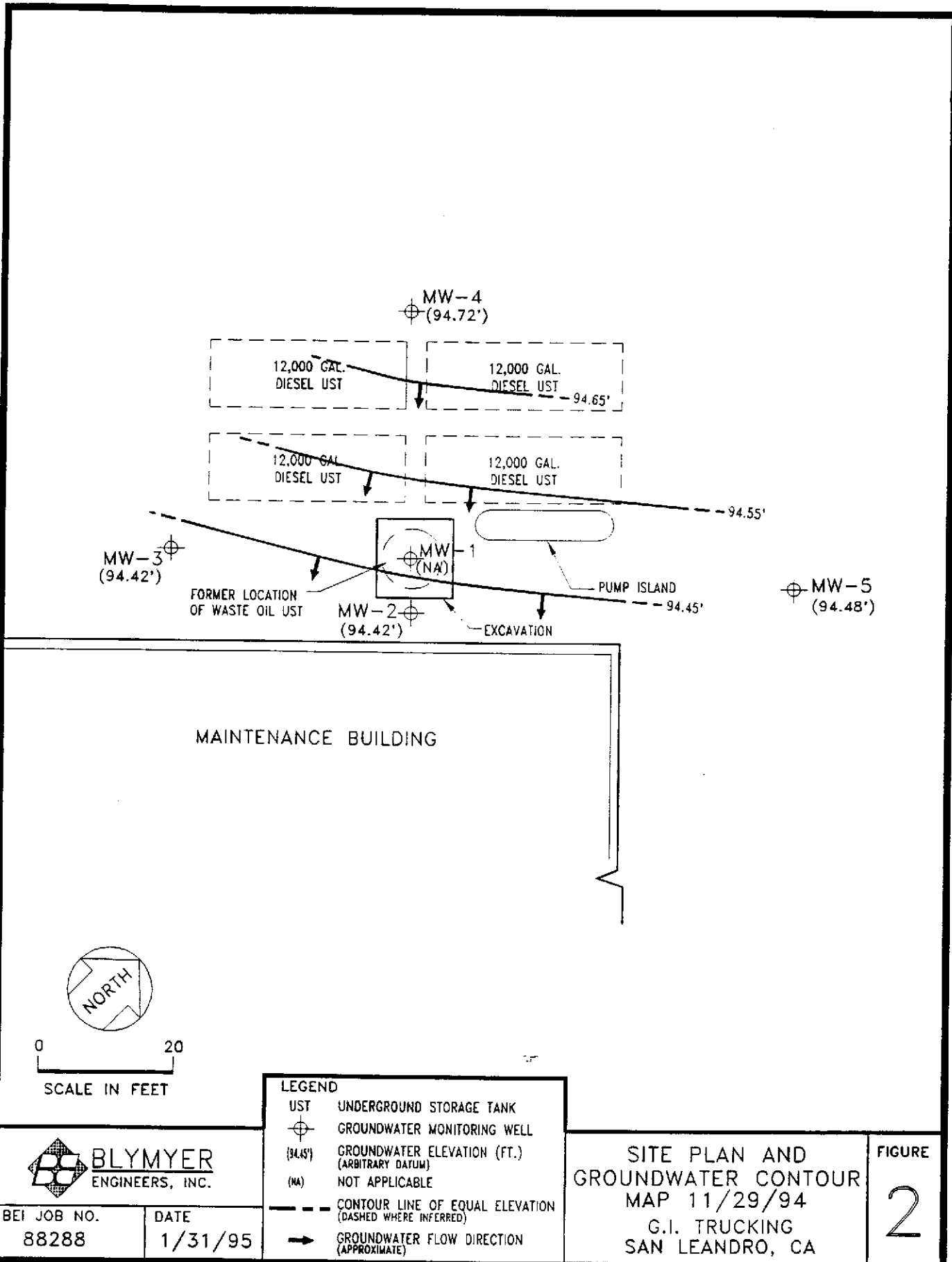


SITE LOCATION MAP
GI TRUCKING
1750 ADAMS AVE.
SAN LEANDRO, CA

FIGURE
1

BEI JOB NO. 88288

DATE 1/26/94



LEGEND	
UST	UNDERGROUND STORAGE TANK
⊕	GROUNDWATER MONITORING WELL
(94.45')	GROUNDWATER ELEVATION (FT.) (ARBITRARY DATUM)
(NA)	NOT APPLICABLE
- - -	CONTOUR LINE OF EQUAL ELEVATION (DASHED WHERE INFERRED)
→	GROUNDWATER FLOW DIRECTION (APPROXIMATE)

BEI JOB NO. 88288	DATE 1/31/95

SITE PLAN AND
 GROUNDWATER CONTOUR
 MAP 11/29/94
 G.I. TRUCKING
 SAN LEANDRO, CA

FIGURE
2

Attachment A

Well Purging and Sampling Data Sheets

Well Purging and Sampling Data

Date	11/29/94	Project Number	88288	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	5.82 ft.	Column of water	x 17.43 ft.
Total depth of well	23.25 ft.	Volume of casing	= 3.0 gal.
Column of water	17.43 ft.	No. of volumes to remove	x 3
		Total volume to remove	= 9.0 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	10:21	10:29	10:36	10:46
Temperature (F)	61.0	63.7	62.9	62.4
Conductivity (us/cm)	847	865	864	862
pH	6.11	6.05	6.03	6.07
Method of measurement	Hydac meter			
Total volume purged	9.0 gal.			
Comments	Sampled with disposable polyethylene bailer			

Sample Number	Amount of Sample
MW-2	4-1l amber bottles
	6-40ml VOA w/ HCl
	1-1l plastic bottle w/ HNO3
	3-40ml VOA

Signed/Sampler	<i>Steph W. Wilson</i>
Signed/Reviewer	<i>[Signature]</i>
Date	11/29/94
Date	1-27-95

Well Purging and Sampling Data

Date	11/29/94	Project Number	88288	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	5.76 ft.	Column of water	x 16.99 ft.
Total depth of well	22.75 ft.	Volume of casing	= 2.9 gal.
Column of water	16.99 ft.	No. of volumes to remove	x 3
		Total volume to remove	= 8.7 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	12:24	12:30	12:37	12:45
Temperature (F)	63.8	65.6	65.5	66.3
Conductivity (us/cm)	841	895	991	1030
pH	6.20	5.95	5.90	6.02
Method of measurement	Hydac meter			
Total volume purged	8.75 gal.			
Comments	Sampled with disposable polyethylene bailer			

Sample Number	Amount of Sample
MW-3	4-1l amber bottles
	6-40ml VOA w/ HCl
	1-1l plastic bottle w/ HNO3
	3-40ml VOA

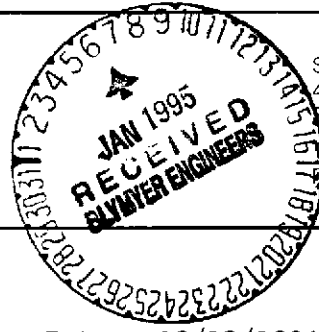
Signed/Sampler	<i>Stephen W. Moore</i>	Date	11/30/94
Signed/Reviewer	<i>William D. ...</i>	Date	1-27-95

Attachment B

Laboratory Analytical Report, National Environmental Testing, Inc.



NATIONAL
ENVIRONMENTAL
TESTING, INC.



Santa Rosa Division
435 Tesconi Circle
Santa Rosa, CA 95401
Tel: (707) 526-7200
Fax: (707) 526-9623

Mark Detterman
Carolina Freight Carriers
c/o Blymyer Engineers, Inc
1829 Clement Ave.
Alameda, CA 94501

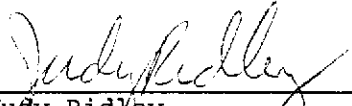
Date: 12/13/1994
NET Client Acct. No: 61900
NET Pacific Job No: 94.05803
Received: 12/02/1994
Revised: 01/05/1995

Client Reference Information

GI Trucking/San Leandro, Job No. 88288

Sample analysis in support of the project referenced above has been completed and results are presented on following pages. Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety. Please refer to the enclosed "Key to Abbreviations" for definition of terms. Should you have questions regarding procedures or results, please feel welcome to contact Client Services.

Approved by:



Judy Ridley
Project Coordinator



Jim Hoch
Operations Manager

Enclosure (s)





Client Name: Carolina Freight Carriers
 Client Acct: 61900
 NET Job No: 94.05803

Date: 12/13/1994
 ELAP Cert: 1386
 Page: 2

Ref: GI Trucking/San Leandro, Job No. 88288

SAMPLE DESCRIPTION: MW-2

Date Taken: 11/29/1994

Time Taken: 11:30

NET Sample No: 226343

Parameter	Results	Flags	Reporting		Method	Date	Date	Run
			Limit	Units		Extracted	Analyzed	Batch No.
METHOD 6010 (LIQUID)	--						12/06/1994	822
Cadmium (ICP)	ND		0.02	mg/L	EPA 6010	12/04/1994	12/06/1994	659
Chromium (ICP)	ND		0.02	mg/L	EPA 6010	12/04/1994	12/06/1994	617
Lead (GFAA)	ND		0.002	mg/L	EPA 7421	12/04/1994	12/08/1994	582
Nickel (ICP)	ND		0.05	mg/L	EPA 6010	12/04/1994	12/06/1994	615
Zinc (ICP)	ND		0.05	mg/L	EPA 6010	12/04/1994	12/06/1994	787
TPH (Gas/BTXE,Liquid)								
METHOD 5030/M8015	--						12/05/1994	2373
DILUTION FACTOR*	1						12/05/1994	2373
as Gasoline	ND		0.05	mg/L	5030		12/05/1994	2373
METHOD 602 (GC,Liquid)	--						12/05/1994	2373
Benzene	ND		0.5	ug/L	602		12/05/1994	2373
Toluene	ND		0.5	ug/L	602		12/05/1994	2373
Ethylbenzene	ND		0.5	ug/L	602		12/05/1994	2373
Xylenes (Total)	ND		0.5	ug/L	602		12/05/1994	2373
SURROGATE RESULTS								
Bromofluorobenzene (SURR)	107			% Rec.	5030		12/05/1994	2373
METHOD M8015 (EXT., Liquid)								
DILUTION FACTOR*	1					12/05/1994		
as Diesel	0.09		0.05	mg/L	3510		12/06/1994	865

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Carolina Freight Carriers
Client Acct: 61900
NET Job No: 94.05803

Date: 12/13/1994
ELAP Cert: 1386
Page: 3

Ref: GI Trucking/San Leandro, Job No. 88288

SAMPLE DESCRIPTION: MW-2

Date Taken: 11/29/1994
Time Taken: 11:30
NET Sample No: 226343

Parameter	Results	Flags	Reporting Limit	Units	Method	Date Extracted	Date Analyzed	Run Batch No.
METHOD 601 (GC,Liquid)								
DILUTION FACTOR*	1						12/09/1994	767
Bromodichloromethane	ND		0.4	ug/L	601		12/09/1994	767
Bromoform	ND		0.4	ug/L	601		12/09/1994	767
Bromomethane	ND		0.4	ug/L	601		12/09/1994	767
Carbon tetrachloride	ND		0.4	ug/L	601		12/09/1994	767
Chlorobenzene	ND		0.4	ug/L	601		12/09/1994	767
Chloroethane	ND		0.4	ug/L	601		12/09/1994	767
2-Chloroethylvinyl ether	ND		1.0	ug/L	601		12/09/1994	767
Chloroform	ND		0.4	ug/L	601		12/09/1994	767
Chloromethane	ND		0.4	ug/L	601		12/09/1994	767
Dibromochloromethane	ND		0.4	ug/L	601		12/09/1994	767
1,2-Dichlorobenzene	ND		0.4	ug/L	601		12/09/1994	767
1,3-Dichlorobenzene	ND		0.4	ug/L	601		12/09/1994	767
1,4-Dichlorobenzene	ND		0.4	ug/L	601		12/09/1994	767
Dichlorodifluoromethane	ND		0.4	ug/L	601		12/09/1994	767
1,1-Dichloroethane	ND		0.4	ug/L	601		12/09/1994	767
1,2-Dichloroethane	ND		0.4	ug/L	601		12/09/1994	767
1,1-Dichloroethene	ND		0.4	ug/L	601		12/09/1994	767
trans-1,2-Dichloroethene	ND		0.4	ug/L	601		12/09/1994	767
1,2-Dichloropropane	ND		0.4	ug/L	601		12/09/1994	767
cis-1,3-Dichloropropene	ND		0.4	ug/L	601		12/09/1994	767
trans-1,3-Dichloropropene	ND		0.4	ug/L	601		12/09/1994	767
Methylene chloride	ND		10	ug/L	601		12/09/1994	767
1,1,2,2-Tetrachloroethane	ND		0.4	ug/L	601		12/09/1994	767
Tetrachloroethene	ND		0.4	ug/L	601		12/09/1994	767
1,1,1-Trichloroethane	ND		0.4	ug/L	601		12/09/1994	767
1,1,2-Trichloroethane	ND		0.4	ug/L	601		12/09/1994	767
Trichloroethene	ND		0.4	ug/L	601		12/09/1994	767
Trichlorofluoromethane	ND		0.4	ug/L	601		12/09/1994	767
Vinyl chloride	ND		0.4	ug/L	601		12/09/1994	767
SURROGATE RESULTS	--						12/09/1994	767
1,4-Difluorobenzene (SURR)	92			µg Rec.	601		12/09/1994	767
Bromochloromethane (SURR)	97			µg Rec.	601		12/09/1994	767

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Carolina Freight Carriers
 Client Acct: 61900
 NET Job No: 94.05803

Date: 12/13/1994
 ELAP Cert: 1386
 Page: 4

Ref: GI Trucking/San Leandro, Job No. 88288

SAMPLE DESCRIPTION: MW-2

Date Taken: 11/29/1994

Time Taken: 11:30

NET Sample No: 226343

Parameter	Results	Flags	Reporting		Method	Date	Date	Run
			Limit	Units		Extracted	Analyzed	Batch No.
METHOD 8270 (GCMS, Liquid)						12/06/1994		
DILUTION FACTOR*	1						12/07/1994	644
Acenaphthene	ND		10	ug/L	8270		12/07/1994	644
Acenaphthylene	ND		10	ug/L	8270		12/07/1994	644
Aldrin	ND		50	ug/L	8270		12/07/1994	644
Anthracene	ND		10	ug/L	8270		12/07/1994	644
Benizidine	ND		44	ug/L	8270		12/07/1994	644
Benzo(a)anthracene	ND		10	ug/L	8270		12/07/1994	644
Benzo(b)fluoranthene	ND		10	ug/L	8270		12/07/1994	644
Benzo(k)fluoranthene	ND		10	ug/L	8270		12/07/1994	644
Benzo(a)pyrene	ND		10	ug/L	8270		12/07/1994	644
Benzo(g,h,i)perylene	ND		10	ug/L	8270		12/07/1994	644
Benzoic acid	ND		50	ug/L	8270		12/07/1994	644
Benzyl alcohol	ND		10	ug/L	8270		12/07/1994	644
Butyl benzyl phthalate	ND		10	ug/L	8270		12/07/1994	644
delta-BHC	ND		50	ug/L	8270		12/07/1994	644
gamma-BHC	ND		50	ug/L	8270		12/07/1994	644
bis(2-Chloroethyl) ether	ND		10	ug/L	8270		12/07/1994	644
bis(2-Chloroethoxy)methane	ND		10	ug/L	8270		12/07/1994	644
bis(2-Chloroisopropyl) ether	ND		10	ug/L	8270		12/07/1994	644
bis(2-Ethylhexyl)phthalate	ND		10	ug/L	8270		12/07/1994	644
4-Bromophenyl phenyl ether	ND		10	ug/L	8270		12/07/1994	644
4-Chloroaniline	ND		10	ug/L	8270		12/07/1994	644
2-Chloronaphthalene	ND		10	ug/L	8270		12/07/1994	644
4-Chlorophenyl phenyl ether	ND		10	ug/L	8270		12/07/1994	644
Chrysene	ND		10	ug/L	8270		12/07/1994	644
4,4' -DDD	ND		50	ug/L	8270		12/07/1994	644
4,4' -DDE	ND		50	ug/L	8270		12/07/1994	644
4,4' -DDT	ND		50	ug/L	8270		12/07/1994	644
Dibenzo(a,h)anthracene	ND		10	ug/L	8270		12/07/1994	644
Dibenzofuran	ND		10	ug/L	8270		12/07/1994	644
Di-n-butylphthalate	ND		10	ug/L	8270		12/07/1994	644
1,2-Dichlorobenzene	ND		10	ug/L	8270		12/07/1994	644
1,3-Dichlorobenzene	ND		10	ug/L	8270		12/07/1994	644
1,4-Dichlorobenzene	ND		10	ug/L	8270		12/07/1994	644
3,3' -Dichlorobenzidine	ND		20	ug/L	8270		12/07/1994	644
Dieldrin	ND		50	ug/L	8270		12/07/1994	644
Diethylphthalate	ND		10	ug/L	8270		12/07/1994	644
Dimethyl phthalate	ND		10	ug/L	8270		12/07/1994	644
2,4-Dinitrotoluene	ND		10	ug/L	8270		12/07/1994	644
2,6-Dinitrotoluene	ND		10	ug/L	8270		12/07/1994	644
Di-n-octyl phthalate	ND		10	ug/L	8270		12/07/1994	644

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Carolina Freight Carriers
Client Acct: 61900
NET Job No: 94.05803

Date: 12/13/1994
ELAP Cert: 1386
Page: 5

Ref: GI Trucking/San Leandro, Job No. 88288

SAMPLE DESCRIPTION: MW-2

Date Taken: 11/29/1994

Time Taken: 11:30

NET Sample No: 226343

Parameter	Results	Flags	Reporting			Date	Date	Run
			Limit	Units	Method	Extracted	Analyzed	Batch No.
Endrin aldehyde	ND		50	ug/L	8270		12/07/1994	644
Fluoranthene	ND		10	ug/L	8270		12/07/1994	644
Fluorene	ND		10	ug/L	8270		12/07/1994	644
Heptachlor	ND		50	ug/L	8270		12/07/1994	644
Heptachlor epoxide	ND		50	ug/L	8270		12/07/1994	644
Hexachlorobenzene	ND		10	ug/L	8270		12/07/1994	644
Hexachlorobutadiene	ND		10	ug/L	8270		12/07/1994	644
Hexachlorocyclopentadiene	ND		10	ug/L	8270		12/07/1994	644
Hexachloroethane	ND		10	ug/L	8270		12/07/1994	644
Indeno(1,2,3-cd)pyrene	ND		10	ug/L	8270		12/07/1994	644
Isophorone	ND		10	ug/L	8270		12/07/1994	644
2-Methylnaphthalene	ND		10	ug/L	8270		12/07/1994	644
Naphthalene	ND		10	ug/L	8270		12/07/1994	644
2-Nitroaniline	ND		50	ug/L	8270		12/07/1994	644
3-Nitroaniline	ND		50	ug/L	8270		12/07/1994	644
4-Nitroaniline	ND		50	ug/L	8270		12/07/1994	644
Nitrobenzene	ND		10	ug/L	8270		12/07/1994	644
N-Nitroso-Di-N-propylamine	ND		10	ug/L	8270		12/07/1994	644
N-Nitrosodiphenylamine	ND		10	ug/L	8270		12/07/1994	644
Phenanthrene	ND		10	ug/L	8270		12/07/1994	644
Pyrene	ND		10	ug/L	8270		12/07/1994	644
1,2,4-Trichlorobenzene	ND		10	ug/L	8270		12/07/1994	644
ACID EXTRACTABLES	--						12/07/1994	644
4-Chloro-3-methylphenol	ND		10	ug/L	8270		12/07/1994	644
2-Chlorophenol	ND		10	ug/L	8270		12/07/1994	644
2,4-Dichlorophenol	ND		10	ug/L	8270		12/07/1994	644
2,4-Dimethylphenol	ND		10	ug/L	8270		12/07/1994	644
2,4-Dinitrophenol	ND		50	ug/L	8270		12/07/1994	644
4,6-Dinitro-2-methylphenol	ND		50	ug/L	8270		12/07/1994	644
2-Nitrophenol	ND		10	ug/L	8270		12/07/1994	644
4-Nitrophenol	ND		50	ug/L	8270		12/07/1994	644
Pentachlorophenol	ND		50	ug/L	8270		12/07/1994	644
Phenol	ND		10	ug/L	8270		12/07/1994	644
2,4,6-Trichlorophenol	ND		10	ug/L	8270		12/07/1994	644
2-Methylphenol	ND		10	ug/L	8270		12/07/1994	644
4-Methylphenol	ND		10	ug/L	8270		12/07/1994	644
2,4,5-Trichlorophenol	ND		50	ug/L	8270		12/07/1994	644
SURROGATE RESULTS	--						12/07/1994	644
Nitrobenzene-d5 (SURR)	88			‰ Rec.	8270		12/07/1994	644
2-Fluorobiphenyl (SURR)	70			‰ Rec.	8270		12/07/1994	644
p-Terphenyl-d14 (SURR)	85			‰ Rec.	8270		12/07/1994	644
Phenol-d5 (SURR)	42			‰ Rec.	8270		12/07/1994	644

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Carolina Freight Carriers
Client Acct: 61900
NET Job No: 94.05603

Date: 12/13/1994
ELAP Cert: 1386
Page: 6

Ref: GI Trucking/San Leandro, Job No. 88288

SAMPLE DESCRIPTION: MW-2

Date Taken: 11/29/1994

Time Taken: 11:30

NET Sample No: 226343

Parameter	Results	Flags	Reporting		Method	Date	Date	Run
			Limit	Units		Extracted	Analyzed	Batch
2-Fluorophenol (SURR)	57			% Rec.	8270		12/07/1994	644
2,4,6-Tribromophenol (SURR)	96			% Rec.	8270		12/07/1994	644

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Carolina Freight Carriers
 Client Acct: 61900
 NET Job No: 94.05803

Date: 12/13/1994
 ELAP Cert: 1386
 Page: 7

Ref: GI Trucking/San Leandro, Job No. 88288

SAMPLE DESCRIPTION: MW-3

Date Taken: 11/29/1994
 Time Taken: 13:15
 NET Sample No: 226344

Parameter	Results	Flags	Reporting		Method	Date	Date	Run
			Limit	Units		Extracted	Analyzed	Batch No.
METHOD 6010 (LIQUID)	--						12/06/1994	822
Cadmium (ICP)	ND		0.02	mg/L	EPA 6010	12/04/1994	12/06/1994	659
Chromium (ICP)	ND		0.02	mg/L	EPA 6010	12/04/1994	12/06/1994	617
Lead (GFAA)	ND		0.002	mg/L	EPA 7421	12/04/1994	12/08/1994	582
Nickel (ICP)	ND		0.05	mg/L	EPA 6010	12/04/1994	12/06/1994	615
Zinc (ICP)	ND		0.05	mg/L	EPA 6010	12/04/1994	12/06/1994	787
TPH (Gas/BTXE,Liquid)								
METHOD 5030/M8015	--						12/05/1994	2373
DILUTION FACTOR*	1						12/05/1994	2373
as Gasoline	ND		0.05	mg/L	5030		12/05/1994	2373
METHOD 602 (GC,Liquid)	--						12/05/1994	2373
Benzene	ND		0.5	ug/L	602		12/05/1994	2373
Toluene	ND		0.5	ug/L	602		12/05/1994	2373
Ethylbenzene	ND		0.5	ug/L	602		12/05/1994	2373
Xylenes (Total)	ND		0.5	ug/L	602		12/05/1994	2373
SURROGATE RESULTS	--						12/05/1994	2373
Bromofluorobenzene (SURR)	107			% Rec.	5030		12/05/1994	2373
METHOD M8015 (EXT., Liquid)								
						12/05/1994		
DILUTION FACTOR*	1						12/06/1994	865
as Diesel	0.96	DH	0.05	mg/L	3510		12/06/1994	865

DH : The positive result appears to be a heavier hydrocarbon than Diesel.

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Carolina Freight Carriers
Client Acct: 61900
NET Job No: 94.05803

Date: 12/13/1994
ELAP Cert: 1386
Page: 8

Ref: GI Trucking/San Leandro, Job No. 88288

SAMPLE DESCRIPTION: MW-3
Date Taken: 11/29/1994
Time Taken: 13:15
NET Sample No: 226344

Parameter	Results	Flags	Reporting Limit	Units	Method	Date Extracted	Date Analyzed	Run Batch No.
METHOD 601 (GC,Liquid)								
DILUTION FACTOR*	1						12/09/1994	767
Bromodichloromethane	ND		0.4	ug/L	601		12/09/1994	767
Bromoform	ND		0.4	ug/L	601		12/09/1994	767
Bromomethane	ND		0.4	ug/L	601		12/09/1994	767
Carbon tetrachloride	ND		0.4	ug/L	601		12/09/1994	767
Chlorobenzene	ND		0.4	ug/L	601		12/09/1994	767
Chloroethane	ND		0.4	ug/L	601		12/09/1994	767
2-Chloroethylvinyl ether	ND		1.0	ug/L	601		12/09/1994	767
Chloroform	ND		0.4	ug/L	601		12/09/1994	767
Chloromethane	ND		0.4	ug/L	601		12/09/1994	767
Dibromochloromethane	ND		0.4	ug/L	601		12/09/1994	767
1,2-Dichlorobenzene	ND		0.4	ug/L	601		12/09/1994	767
1,3-Dichlorobenzene	ND		0.4	ug/L	601		12/09/1994	767
1,4-Dichlorobenzene	ND		0.4	ug/L	601		12/09/1994	767
Dichlorodifluoromethane	ND		0.4	ug/L	601		12/09/1994	767
1,1-Dichloroethane	ND		0.4	ug/L	601		12/09/1994	767
1,2-Dichloroethane	ND		0.4	ug/L	601		12/09/1994	767
1,1-Dichloroethene	ND		0.4	ug/L	601		12/09/1994	767
trans-1,2-Dichloroethene	ND		0.4	ug/L	601		12/09/1994	767
1,2-Dichloropropane	ND		0.4	ug/L	601		12/09/1994	767
cis-1,3-Dichloropropene	ND		0.4	ug/L	601		12/09/1994	767
trans-1,3-Dichloropropene	ND		0.4	ug/L	601		12/09/1994	767
Methylene chloride	ND		10	ug/L	601		12/09/1994	767
1,1,2,2-Tetrachloroethane	ND		0.4	ug/L	601		12/09/1994	767
Tetrachloroethene	ND		0.4	ug/L	601		12/09/1994	767
1,1,1-Trichloroethane	ND		0.4	ug/L	601		12/09/1994	767
1,1,2-Trichloroethane	ND		0.4	ug/L	601		12/09/1994	767
Trichloroethene	ND		0.4	ug/L	601		12/09/1994	767
Trichlorofluoromethane	ND		0.4	ug/L	601		12/09/1994	767
Vinyl chloride	ND		0.4	ug/L	601		12/09/1994	767
SURROGATE RESULTS	--						12/09/1994	767
1,4-Difluorobenzene (SURR)	93			% Rec.	601		12/09/1994	767
Bromochloromethane (SURR)	95			% Rec.	601		12/09/1994	767

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Carolina Freight Carriers
Client Acct: 61900
NET Job No: 94.05803

Date: 12/13/1994
ELAP Cert: 1386
Page: 9

Ref: GI Trucking/San Leandro, Job No. 88288

SAMPLE DESCRIPTION: MW-3

Date Taken: 11/29/1994
Time Taken: 13:15
NET Sample No: 226344

Parameter	Results	Flags	Reporting Limit	Units	Method	Date Extracted	Date Analyzed	Run Batch No.
METHOD 8270 (GCMS, Liquid)						12/06/1994		
DILUTION FACTOR*	1						12/07/1994	644
Acenaphthene	ND		10	ug/L	8270		12/07/1994	644
Acenaphthylene	ND		10	ug/L	8270		12/07/1994	644
Aldrin	ND		50	ug/L	8270		12/07/1994	644
Anthracene	ND		10	ug/L	8270		12/07/1994	644
Benzidine	ND		44	ug/L	8270		12/07/1994	644
Benzo(a)anthracene	ND		10	ug/L	8270		12/07/1994	644
Benzo(b)fluoranthene	ND		10	ug/L	8270		12/07/1994	644
Benzo(k)fluoranthene	ND		10	ug/L	8270		12/07/1994	644
Benzo(a)pyrene	ND		10	ug/L	8270		12/07/1994	644
Benzo(g,h,i)perylene	ND		10	ug/L	8270		12/07/1994	644
Benzoic acid	ND		50	ug/L	8270		12/07/1994	644
Benzyl alcohol	ND		10	ug/L	8270		12/07/1994	644
Butyl benzyl phthalate	ND		10	ug/L	8270		12/07/1994	644
delta-BHC	ND		50	ug/L	8270		12/07/1994	644
gamma-BHC	ND		50	ug/L	8270		12/07/1994	644
bis(2-Chloroethyl)ether	ND		10	ug/L	8270		12/07/1994	644
bis(2-Chloroethoxy)methane	ND		10	ug/L	8270		12/07/1994	644
bis(2-Chloroisopropyl)ether	ND		10	ug/L	8270		12/07/1994	644
bis(2-Ethylhexyl)phthalate	ND		10	ug/L	8270		12/07/1994	644
4-Bromophenyl phenyl ether	ND		10	ug/L	8270		12/07/1994	644
4-Chloroaniline	ND		10	ug/L	8270		12/07/1994	644
2-Chloronaphthalene	ND		10	ug/L	8270		12/07/1994	644
4-Chlorophenyl phenyl ether	ND		10	ug/L	8270		12/07/1994	644
Chrysene	ND		10	ug/L	8270		12/07/1994	644
4,4'-DDD	ND		50	ug/L	8270		12/07/1994	644
4,4'-DDE	ND		50	ug/L	8270		12/07/1994	644
4,4'-DDT	ND		50	ug/L	8270		12/07/1994	644
Dibenzo(a,h)anthracene	ND		10	ug/L	8270		12/07/1994	644
Dibenzofuran	ND		10	ug/L	8270		12/07/1994	644
Di-n-butylphthalate	ND		10	ug/L	8270		12/07/1994	644
1,2-Dichlorobenzene	ND		10	ug/L	8270		12/07/1994	644
1,3-Dichlorobenzene	ND		10	ug/L	8270		12/07/1994	644
1,4-Dichlorobenzene	ND		10	ug/L	8270		12/07/1994	644
3,3'-Dichlorobenzidine	ND		20	ug/L	8270		12/07/1994	644
Dieldrin	ND		50	ug/L	8270		12/07/1994	644
Diethylphthalate	ND		10	ug/L	8270		12/07/1994	644
Dimethyl phthalate	ND		10	ug/L	8270		12/07/1994	644
2,4-Dinitrotoluene	ND		10	ug/L	8270		12/07/1994	644
2,6-Dinitrotoluene	ND		10	ug/L	8270		12/07/1994	644
Di-n-octyl phthalate	ND		10	ug/L	8270		12/07/1994	644

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Carolina Freight Carriers
 Client Acct: 61900
 NET Job No: 94.05803

Date: 12/13/1994
 ELAP Cert: 1386
 Page: 10

Ref: GI Trucking/San Leandro, Job No. 88288

SAMPLE DESCRIPTION: MW-3

Date Taken: 11/29/1994

Time Taken: 13:15

NET Sample No: 226344

Parameter	Results	Flags	Reporting		Method	Date	Date	Run
			Limit	Units		Extracted	Analyzed	Batch No.
Endrin aldehyde	ND		50	ug/L	8270		12/07/1994	644
Fluoranthene	ND		10	ug/L	8270		12/07/1994	644
Fluorene	ND		10	ug/L	8270		12/07/1994	644
Heptachlor	ND		50	ug/L	8270		12/07/1994	644
Heptachlor epoxide	ND		50	ug/L	8270		12/07/1994	644
Hexachlorobenzene	ND		10	ug/L	8270		12/07/1994	644
Hexachlorobutadiene	ND		10	ug/L	8270		12/07/1994	644
Hexachlorocyclopentadiene	ND		10	ug/L	8270		12/07/1994	644
Hexachloroethane	ND		10	ug/L	8270		12/07/1994	644
Indeno(1,2,3-cd)pyrene	ND		10	ug/L	8270		12/07/1994	644
Isophorone	ND		10	ug/L	8270		12/07/1994	644
2-Methylnaphthalene	ND		10	ug/L	8270		12/07/1994	644
Naphthalene	ND		10	ug/L	8270		12/07/1994	644
2-Nitroaniline	ND		50	ug/L	8270		12/07/1994	644
3-Nitroaniline	ND		50	ug/L	8270		12/07/1994	644
4-Nitroaniline	ND		50	ug/L	8270		12/07/1994	644
Nitrobenzene	ND		10	ug/L	8270		12/07/1994	644
N-Nitroso-Di-N-propylamine	ND		10	ug/L	8270		12/07/1994	644
N-Nitrosodiphenylamine	ND		10	ug/L	8270		12/07/1994	644
Phenanthrene	ND		10	ug/L	8270		12/07/1994	644
Pyrene	ND		10	ug/L	8270		12/07/1994	644
1,2,4-Trichlorobenzene	ND		10	ug/L	8270		12/07/1994	644
ACID EXTRACTABLES	--						12/07/1994	644
4-Chloro-3-methylphenol	ND		10	ug/L	8270		12/07/1994	644
2-Chlorophenol	ND		10	ug/L	8270		12/07/1994	644
2,4-Dichlorophenol	ND		10	ug/L	8270		12/07/1994	644
2,4-Dimethylphenol	ND		10	ug/L	8270		12/07/1994	644
2,4-Dinitrophenol	ND		50	ug/L	8270		12/07/1994	644
4,6-Dinitro-2-methylphenol	ND		50	ug/L	8270		12/07/1994	644
2-Nitrophenol	ND		10	ug/L	8270		12/07/1994	644
4-Nitrophenol	ND		50	ug/L	8270		12/07/1994	644
Pentachlorophenol	ND		50	ug/L	8270		12/07/1994	644
Phenol	ND		10	ug/L	8270		12/07/1994	644
2,4,6-Trichlorophenol	ND		10	ug/L	8270		12/07/1994	644
2-Methylphenol	ND		10	ug/L	8270		12/07/1994	644
4-Methylphenol	ND		10	ug/L	8270		12/07/1994	644
2,4,5-Trichlorophenol	ND		50	ug/L	8270		12/07/1994	644
SURROGATE RESULTS	--						12/07/1994	644
Nitrobenzene-d5 (SURR)	73			% Rec.	8270		12/07/1994	644
2-Fluorobiphenyl (SURR)	66			% Rec.	8270		12/07/1994	644
p-Terphenyl-d14 (SURR)	88			% Rec.	8270		12/07/1994	644
Phenol-d5 (SURR)	42			% Rec.	8270		12/07/1994	644

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Carolina Freight Carriers
Client Acct: 61900
NET Job No: 94.05803

Date: 12/13/1994
ELAP Cert: 1386
Page: 11

Ref: GI Trucking/San Leandro, Job No. 88288

SAMPLE DESCRIPTION: MW-3
Date Taken: 11/29/1994
Time Taken: 13:15
NET Sample No: 226344

Parameter	Results	Flags	Reporting		Method	Date	Date	Run
			Limit	Units		Extracted	Analyzed	Batch
2-Fluorophenol (SURR)	49			% Rec.	8270		12/07/1994	644
2,4,6-Tribromophenol (SURR)	107			% Rec.	8270		12/07/1994	644

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Carolina Freight Carriers
Client Acct: 61900
NET Job No: 94.05803

Date: 12/13/1994
ELAP Cert: 1386
Page: 12

Ref: GI Trucking/San Leandro, Job No. 88288

CONTINUING CALIBRATION VERIFICATION STANDARD REPORT

Parameter	CCV	CCV	CCV	Units	Date Analyzed	Analyst Initials	Run Batch Number
	Standard % Recovery	Standard Amount Found	Standard Amount Expected				
METHOD 6010 (LIQUID)							
Cadmium (ICP)	94.7	0.9474	1.00	mg/L	12/07/1994	djm	659
Chromium (ICP)	100.4	1.004	1.00	mg/L	12/07/1994	djm	617
Lead (GFAA)	98.5	0.02463	0.0250	mg/L	12/08/1994	djm	582
Nickel (ICP)	94.6	0.9462	1.00	mg/L	12/07/1994	djm	615
Zinc (ICP)	92.9	0.9287	1.00	mg/L	12/07/1994	djm	787
TPH (Gas/BTXE,Liquid)							
as Gasoline	104.0	1.04	1.00	mg/L	12/05/1994	aal	2373
Benzene	97.6	4.88	5.00	ug/L	12/05/1994	aal	2373
Toluene	93.6	4.68	5.00	ug/L	12/05/1994	aal	2373
Ethylbenzene	104.6	5.23	5.00	ug/L	12/05/1994	aal	2373
Xylenes (Total)	101.3	15.2	15.0	ug/L	12/05/1994	aal	2373
Bromofluorobenzene (SURR)	104.0	104	100	% Rec.	12/05/1994	aal	2373
METHOD M8015 (EXT., Liquid)							
as Diesel	103.0	1030	1000	mg/L	12/06/1994	tts	865

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Carolina Freight Carriers
Client Acct: 61900
NET Job No: 94.05803

Date: 12/13/1994
ELAP Cert: 1386
Page: 13

Ref: GI Trucking/San Leandro, Job No. 88288

CONTINUING CALIBRATION VERIFICATION STANDARD REPORT

Parameter	CCV	CCV	CCV	Units	Date Analyzed	Analyst Initials	Run Batch Number
	Standard	Standard Amount Found	Standard Amount Expected				
METHOD 601 (GC,Liquid)							
Bromodichloromethane	95.0	19.0	20.0	ug/L	12/09/1994	lss	767
Bromoform	87.0	17.4	20.0	ug/L	12/09/1994	lss	767
Bromomethane	81.0	16.2	20.0	ug/L	12/09/1994	lss	767
Carbon tetrachloride	95.0	19.0	20.0	ug/L	12/09/1994	lss	767
Chlorobenzene	92.5	18.5	20.0	ug/L	12/09/1994	lss	767
Chloroethane	91.5	18.3	20.0	ug/L	12/09/1994	lss	767
2-Chloroethylvinyl ether	89.5	17.9	20.0	ug/L	12/09/1994	lss	767
Chloroform	97.0	19.4	20.0	ug/L	12/09/1994	lss	767
Chloromethane	78.5	15.7	20.0	ug/L	12/09/1994	lss	767
Dibromochloromethane	91.5	18.3	20.0	ug/L	12/09/1994	lss	767
1,2-Dichlorobenzene	94.5	18.9	20.0	ug/L	12/09/1994	lss	767
1,3-Dichlorobenzene	96.5	19.3	20.0	ug/L	12/09/1994	lss	767
1,4-Dichlorobenzene	97.0	19.4	20.0	ug/L	12/09/1994	lss	767
Dichlorodifluoromethane	90.0	18.0	20.0	ug/L	12/09/1994	lss	767
1,1-Dichloroethane	96.5	19.3	20.0	ug/L	12/09/1994	lss	767
1,2-Dichloroethane	91.0	18.2	20.0	ug/L	12/09/1994	lss	767
1,1-Dichloroethene	82.0	16.4	20.0	ug/L	12/09/1994	lss	767
trans-1,2-Dichloroethene	84.0	16.8	20.0	ug/L	12/09/1994	lss	767
1,2-Dichloropropane	93.5	18.7	20.0	ug/L	12/09/1994	lss	767
cis-1,3-Dichloropropene	89.5	17.9	20.0	ug/L	12/09/1994	lss	767
trans-1,3-Dichloropropene	91.5	18.3	20.0	ug/L	12/09/1994	lss	767
Methylene chloride	94.5	18.9	20.0	ug/L	12/09/1994	lss	767
1,1,2,2-Tetrachloroethane	93.0	18.6	20.0	ug/L	12/09/1994	lss	767
Tetrachloroethene	93.0	18.6	20.0	ug/L	12/09/1994	lss	767
1,1,1-Trichloroethane	95.5	19.1	20.0	ug/L	12/09/1994	lss	767
1,1,2-Trichloroethane	91.5	18.3	20.0	ug/L	12/09/1994	lss	767
Trichloroethene	95.5	19.1	20.0	ug/L	12/09/1994	lss	767
Trichlorofluoromethane	92.0	18.4	20.0	ug/L	12/09/1994	lss	767
Vinyl chloride	90.0	18.0	20.0	ug/L	12/09/1994	lss	767
1,4-Difluorobenzene (SURR)	105.0	105	100	% Rec.	12/09/1994	lss	767
Bromochloromethane (SURR)	101.0	101	100	% Rec.	12/09/1994	lss	767

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Carolina Freight Carriers
Client Acct: 61900
NET Job No: 94.05803

Date: 12/13/1994
ELAP Cert: 1386
Page: 14

Ref: GI Trucking/San Leandro, Job No. 88288

CONTINUING CALIBRATION VERIFICATION STANDARD REPORT

Parameter	CCV	CCV	CCV	Units	Date Analyzed	Analyst Initials	Run Batch Number
	Standard % Recovery	Standard Amount Found	Standard Amount Expected				
METHOD 8270 (GCMS, Liquid)							
Acenaphthene	90.4	45.2	50.0	ug/L	12/06/1994	gec	644
Benzo (a) pyrene	89.4	44.7	50.0	ug/L	12/06/1994	gec	644
1,4-Dichlorobenzene	97.6	48.8	50.0	ug/L	12/06/1994	gec	644
Di-n-octyl phthalate	84.8	42.4	50.0	ug/L	12/06/1994	gec	644
Fluoranthene	96.4	48.2	50.0	ug/L	12/06/1994	gec	644
Hexachlorobutadiene	106.2	53.1	50.0	ug/L	12/06/1994	gec	644
N-Nitrosodiphenylamine	89.4	44.7	50.0	ug/L	12/06/1994	gec	644
4-Chloro-3-methylphenol	93.4	46.7	50.0	ug/L	12/06/1994	gec	644
2,4-Dichlorophenol	99.4	49.7	50.0	ug/L	12/06/1994	gec	644
2-Nitrophenol	90.4	45.2	50.0	ug/L	12/06/1994	gec	644
Pentachlorophenol	105.0	52.5	50.0	ug/L	12/06/1994	gec	644
Phenol	93.2	46.6	50.0	ug/L	12/06/1994	gec	644
2,4,6-Trichlorophenol	92.4	46.2	50.0	ug/L	12/06/1994	gec	644
Nitrobenzene-d5 (SURR)	87.0	87	100	% Rec.	12/06/1994	gec	644
2-Fluorobiphenyl (SURR)	94.0	94	100	% Rec.	12/06/1994	gec	644
p-Terphenyl-d14 (SURR)	90.0	90	100	% Rec.	12/06/1994	gec	644
Phenol-d5 (SURR)	86.0	86	100	% Rec.	12/06/1994	gec	644
2-Fluorophenol (SURR)	87.0	87	100	% Rec.	12/06/1994	gec	644
2,4,6-Tribromophenol (SURR)	97.0	97	100	% Rec.	12/06/1994	gec	644

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Carolina Freight Carriers
Client Acct: 61900
NET Job No: 94.05803

Date: 12/13/1994
ELAP Cert: 1386
Page: 15

Ref: GI Trucking/San Leandro, Job No. 88288

CONTINUING CALIBRATION VERIFICATION STANDARD REPORT

Parameter	CCV	CCV	CCV	Units	Date Analyzed	Analyst Initials	Run Batch Number
	Standard	Standard Amount	Standard Amount				
METHOD 8270 (GCMS, Liquid)							
Acenaphthene	91.6	45.8	50.0	ug/L	12/07/1994	gec	644
Benzo(a)pyrene	89.2	44.6	50.0	ug/L	12/07/1994	gec	644
1,4-Dichlorobenzene	95.0	47.5	50.0	ug/L	12/07/1994	gec	644
Di-n-octyl phthalate	70.2	35.1	50.0	ug/L	12/07/1994	gec	644
Fluoranthene	103.4	51.7	50.0	ug/L	12/07/1994	gec	644
Hexachlorobutadiene	121.6	60.8	50.0	ug/L	12/07/1994	gec	644
N-Nitrosodiphenylamine	87.4	43.7	50.0	ug/L	12/07/1994	gec	644
4-Chloro-3-methylphenol	95.2	47.6	50.0	ug/L	12/07/1994	gec	644
2,4-Dichlorophenol	98.6	49.3	50.0	ug/L	12/07/1994	gec	644
2-Nitrophenol	85.6	42.8	50.0	ug/L	12/07/1994	gec	644
Pentachlorophenol	115.6	57.8	50.0	ug/L	12/07/1994	gec	644
Phenol	89.2	44.6	50.0	ug/L	12/07/1994	gec	644
2,4,6-Trichlorophenol	99.4	49.7	50.0	ug/L	12/07/1994	gec	644
Nitrobenzene-d5 (SURR)	89.0	89	100	% Rec.	12/07/1994	gec	644
2-Fluorobiphenyl (SURR)	96.0	96	100	% Rec.	12/07/1994	gec	644
p-Terphenyl-d14 (SURR)	88.0	88	100	% Rec.	12/07/1994	gec	644
Phenol-d5 (SURR)	88.0	88	100	% Rec.	12/07/1994	gec	644
2-Fluorophenol (SURR)	84.0	84	100	% Rec.	12/07/1994	gec	644
2,4,6-Tribromophenol (SURR)	120.0	120	100	% Rec.	12/07/1994	gec	644

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Carolina Freight Carriers
Client Acct: 61900
NET Job No: 94.05803

Date: 12/13/1994
ELAP Cert: 1386
Page: 16

Ref: GI Trucking/San Leandro, Job No. 88288

METHOD BLANK REPORT

Parameter	Method Blank	Reporting			Date	Analyst	Run
		Amount Found	Limit	Units	Analyzed	Initials	Batch Number
Cadmium (ICP)	ND	0.02	mg/L	12/06/1994	jeo	659	
Chromium (ICP)	ND	0.02	mg/L	12/06/1994	jeo	617	
Lead (GFAA)	ND	0.002	mg/L	12/08/1994	djm	582	
Nickel (ICP)	ND	0.05	mg/L	12/06/1994	jeo	615	
Zinc (ICP)	ND	0.05	mg/L	12/06/1994	jeo	787	
TPH (Gas/BTXE,Liquid)							
as Gasoline	ND	0.05	mg/L	12/05/1994	aal	2373	
Benzene	ND	0.5	ug/L	12/05/1994	aal	2373	
Toluene	ND	0.5	ug/L	12/05/1994	aal	2373	
Ethylbenzene	ND	0.5	ug/L	12/05/1994	aal	2373	
Xylenes (Total)	ND	0.5	ug/L	12/05/1994	aal	2373	
Bromofluorobenzene (SURR)	95		% Rec.	12/05/1994	aal	2373	
METHOD M8015 (EXT., Liquid)							
as Diesel	ND	0.05	mg/L	12/06/1994	tts	865	

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Carolina Freight Carriers
Client Acct: 61900
NET Job No: 94.05803

Date: 12/13/1994
ELAP Cert: 1386
Page: 17

Ref: GI Trucking/San Leandro, Job No. 88288

METHOD BLANK REPORT

Parameter	Method			Date Analyzed	Analyst Initials	Run Batch Number
	Blank Amount Found	Reporting Limit	Units			
METHOD 601 (GC,Liquid)						
Bromodichloromethane	ND	0.4	ug/L	12/09/1994	lss	767
Bromoform	ND	0.4	ug/L	12/09/1994	lss	767
Bromomethane	ND	0.4	ug/L	12/09/1994	lss	767
Carbon tetrachloride	ND	0.4	ug/L	12/09/1994	lss	767
Chlorobenzene	ND	0.4	ug/L	12/09/1994	lss	767
Chloroethane	ND	0.4	ug/L	12/09/1994	lss	767
2-Chloroethylvinyl ether	ND	1.0	ug/L	12/09/1994	lss	767
Chloroform	ND	0.4	ug/L	12/09/1994	lss	767
Chloromethane	ND	0.4	ug/L	12/09/1994	lss	767
Dibromochloromethane	ND	0.4	ug/L	12/09/1994	lss	767
1,2-Dichlorobenzene	ND	0.4	ug/L	12/09/1994	lss	767
1,3-Dichlorobenzene	ND	0.4	ug/L	12/09/1994	lss	767
1,4-Dichlorobenzene	ND	0.4	ug/L	12/09/1994	lss	767
Dichlorodifluoromethane	ND	0.4	ug/L	12/09/1994	lss	767
1,1-Dichloroethane	ND	0.4	ug/L	12/09/1994	lss	767
1,2-Dichloroethane	ND	0.4	ug/L	12/09/1994	lss	767
1,1-Dichloroethene	ND	0.4	ug/L	12/09/1994	lss	767
trans-1,2-Dichloroethene	ND	0.4	ug/L	12/09/1994	lss	767
1,2-Dichloropropane	ND	0.4	ug/L	12/09/1994	lss	767
cis-1,3-Dichloropropene	ND	0.4	ug/L	12/09/1994	lss	767
trans-1,3-Dichloropropene	ND	0.4	ug/L	12/09/1994	lss	767
Methylene chloride	ND	10	ug/L	12/09/1994	lss	767
1,1,2,2-Tetrachloroethane	ND	0.4	ug/L	12/09/1994	lss	767
Tetrachloroethene	ND	0.4	ug/L	12/09/1994	lss	767
1,1,1-Trichloroethane	ND	0.4	ug/L	12/09/1994	lss	767
1,1,2-Trichloroethane	ND	0.4	ug/L	12/09/1994	lss	767
Trichloroethene	ND	0.4	ug/L	12/09/1994	lss	767
Trichlorofluoromethane	ND	0.4	ug/L	12/09/1994	lss	767
Vinyl chloride	ND	0.4	ug/L	12/09/1994	lss	767
1,4-Difluorobenzene (SURR)	72		% Rec.	12/09/1994	lss	767
Bromochloromethane (SURR)	69		% Rec.	12/09/1994	lss	767

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Carolina Freight Carriers
Client Acct: 61900
NET Job No: 94.05803

Date: 12/13/1994
ELAP Cert: 1386
Page: 18

Ref: GI Trucking/San Leandro, Job No. 88288

METHOD BLANK REPORT

Parameter	Method Blank			Date Analyzed	Analyst Initials	Run Batch Number
	Amount Found	Reporting Limit	Units			
METHOD 8270 (GCMS, Liquid)						
Acenaphthene	ND	10	ug/L	12/06/1994	gec	644
Acenaphthylene	ND	10	ug/L	12/06/1994	gec	644
Aldrin	ND	50	ug/L	12/06/1994	gec	644
Anthracene	ND	10	ug/L	12/06/1994	gec	644
Benzidine	ND	44	ug/L	12/06/1994	gec	644
Benzo(a)anthracene	ND	10	ug/L	12/06/1994	gec	644
Benzo(b)fluoranthene	ND	10	ug/L	12/06/1994	gec	644
Benzo(k)fluoranthene	ND	10	ug/L	12/06/1994	gec	644
Benzo(a)pyrene	ND	10	ug/L	12/06/1994	gec	644
Benzo(g,h,i)perylene	ND	10	ug/L	12/06/1994	gec	644
Benzoic acid	ND	50	ug/L	12/06/1994	gec	644
Benzyl alcohol	ND	10	ug/L	12/06/1994	gec	644
Butyl benzyl phthalate	ND	10	ug/L	12/06/1994	gec	644
delta-BHC	ND	50	ug/L	12/06/1994	gec	644
gamma-BHC	ND	50	ug/L	12/06/1994	gec	644
bis(2-Chloroethyl) ether	ND	10	ug/L	12/06/1994	gec	644
bis(2-Chloroethoxy) methane	ND	10	ug/L	12/06/1994	gec	644
bis(2-Chloroisopropyl) ether	ND	10	ug/L	12/06/1994	gec	644
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	12/06/1994	gec	644
4-Bromophenyl phenyl ether	ND	10	ug/L	12/06/1994	gec	644
4-Chloroaniline	ND	10	ug/L	12/06/1994	gec	644
2-Chloronaphthalene	ND	10	ug/L	12/06/1994	gec	644
4-Chlorophenyl phenyl ether	ND	10	ug/L	12/06/1994	gec	644
Chrysene	ND	10	ug/L	12/06/1994	gec	644
4,4'-DDD	ND	50	ug/L	12/06/1994	gec	644
4,4'-DDE	ND	50	ug/L	12/06/1994	gec	644
4,4'-DDT	ND	50	ug/L	12/06/1994	gec	644
Dibenzo(a,h)anthracene	ND	10	ug/L	12/06/1994	gec	644
Dibenzofuran	ND	10	ug/L	12/06/1994	gec	644
Di-n-butylphthalate	ND	10	ug/L	12/06/1994	gec	644
1,2-Dichlorobenzene	ND	10	ug/L	12/06/1994	gec	644
1,3-Dichlorobenzene	ND	10	ug/L	12/06/1994	gec	644
1,4-Dichlorobenzene	ND	10	ug/L	12/06/1994	gec	644
3,3'-Dichlorobenzidine	ND	20	ug/L	12/06/1994	gec	644
Dieldrin	ND	50	ug/L	12/06/1994	gec	644
Diethylphthalate	ND	10	ug/L	12/06/1994	gec	644
Dimethyl phthalate	ND	10	ug/L	12/06/1994	gec	644
2,4-Dinitrotoluene	ND	10	ug/L	12/06/1994	gec	644
2,6-Dinitrotoluene	ND	10	ug/L	12/06/1994	gec	644
Di-n-octyl phthalate	ND	10	ug/L	12/06/1994	gec	644
Endrin aldehyde	ND	50	ug/L	12/06/1994	gec	644
Fluoranthene	ND	10	ug/L	12/06/1994	gec	644
Fluorene	ND	10	ug/L	12/06/1994	gec	644
Heptachlor	ND	50	ug/L	12/06/1994	gec	644
Heptachlor epoxide	ND	50	ug/L	12/06/1994	gec	644
Hexachlorobenzene	ND	10	ug/L	12/06/1994	gec	644
Hexachlorobutadiene	ND	10	ug/L	12/06/1994	gec	644

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Carolina Freight Carriers
Client Acct: 61900
NET Job No: 94.05803

Date: 12/13/1994
ELAP Cert: 1386
Page: 19

Ref: GI Trucking/San Leandro, Job No. 88288

METHOD BLANK REPORT

Parameter	Method			Date	Analyst	Run
	Blank	Reporting	Units			
	Amount	Limit		Analyzed	Initials	Batch
	Found					Number
Hexachlorocyclopentadiene	ND	10	ug/L	12/06/1994	gec	644
Hexachloroethane	ND	10	ug/L	12/06/1994	gec	644
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	12/06/1994	gec	644
Isophorone	ND	10	ug/L	12/06/1994	gec	644
2-Methylnaphthalene	ND	10	ug/L	12/06/1994	gec	644
Naphthalene	ND	10	ug/L	12/06/1994	gec	644
2-Nitroaniline	ND	50	ug/L	12/06/1994	gec	644
3-Nitroaniline	ND	50	ug/L	12/06/1994	gec	644
4-Nitroaniline	ND	50	ug/L	12/06/1994	gec	644
Nitrobenzene	ND	10	ug/L	12/06/1994	gec	644
N-Nitroso-Di-N-propylamine	ND	10	ug/L	12/06/1994	gec	644
N-Nitrosodiphenylamine	ND	10	ug/L	12/06/1994	gec	644
Phenanthrene	ND	10	ug/L	12/06/1994	gec	644
Pyrene	ND	10	ug/L	12/06/1994	gec	644
1,2,4-Trichlorobenzene	ND	10	ug/L	12/06/1994	gec	644
4-Chloro-3-methylphenol	ND	10	ug/L	12/06/1994	gec	644
2-Chlorophenol	ND	10	ug/L	12/06/1994	gec	644
2,4-Dichlorophenol	ND	10	ug/L	12/06/1994	gec	644
2,4-Dimethylphenol	ND	10	ug/L	12/06/1994	gec	644
2,4-Dinitrophenol	ND	50	ug/L	12/06/1994	gec	644
4,6-Dinitro-2-methylphenol	ND	50	ug/L	12/06/1994	gec	644
2-Nitrophenol	ND	10	ug/L	12/06/1994	gec	644
4-Nitrophenol	ND	50	ug/L	12/06/1994	gec	644
Pentachlorophenol	ND	50	ug/L	12/06/1994	gec	644
Phenol	ND	10	ug/L	12/06/1994	gec	644
2,4,6-Trichlorophenol	ND	10	ug/L	12/06/1994	gec	644
2-Methylphenol	ND	10	ug/L	12/06/1994	gec	644
4-Methylphenol	ND	10	ug/L	12/06/1994	gec	644
2,4,5-Trichlorophenol	ND	50	ug/L	12/06/1994	gec	644
Nitrobenzene-d5 (SURR)	67		% Rec.	12/06/1994	gec	644
2-Fluorobiphenyl (SURR)	57		% Rec.	12/06/1994	gec	644
p-Terphenyl-d14 (SURR)	98		% Rec.	12/06/1994	gec	644
Phenol-d5 (SURR)	36		% Rec.	12/06/1994	gec	644
2-Fluorophenol (SURR)	46		% Rec.	12/06/1994	gec	644
2,4,6-Tribromophenol (SURR)	94		% Rec.	12/06/1994	gec	644

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Carolina Freight Carriers
 Client Acct: 61900
 NET Job No: 94.05803

Date: 12/13/1994
 ELAP Cert: 1386
 Page: 20

Ref: GI Trucking/San Leandro, Job No. 88288

MATRIX SPIKE / MATRIX SPIKE DUPLICATE

Parameter	Matrix Spike				Sample Conc.	Matrix Spike			Date Analyzed	Run Batch	Sample Spiked
	Spike % Rec.	Dup % Rec.	RPD	Spike Amount		Spike Conc.	Dup. Conc.	Units			
METHOD 6010 (LIQUID)					--				12/06/1994	822	226264
Cadmium (ICP)	91.5	93.4	2.1	1.00	ND	0.9151	0.9338	mg/L	12/06/1994	659	226264
Cadmium (ICP)	90.5	90.1	0.4	1.00	ND	0.9045	0.9013	mg/L	12/06/1994	659	226338
Chromium (ICP)	97.9	98.9	1.0	1.00	ND	0.9792	0.9891	mg/L	12/06/1994	617	226264
Chromium (ICP)	97.7	97.4	0.3	1.00	ND	0.9771	0.9741	mg/L	12/06/1994	617	226338
Lead (GFAA)	100.7	99.5	1.1	0.0250	ND	0.02517	0.02487	mg/L	12/08/1994	582	226338
Nickel (ICP)	91.8	92.5	0.8	1.00	ND	0.9185	0.9253	mg/L	12/06/1994	615	226264
Nickel (ICP)	90.1	90.3	0.2	1.00	ND	0.9013	0.9028	mg/L	12/06/1994	615	226338
Zinc (ICP)	89.0	89.6	0.7	1.00	ND	0.8901	0.8957	mg/L	12/06/1994	787	226264
Zinc (ICP)	86.4	86.9	0.6	1.00	ND	0.8638	0.8687	mg/L	12/06/1994	787	226338
TPH (Gas/BTXE, Liquid)											223709
as Gasoline	98.0	97.0	1.0	1.00	ND	0.98	0.97	mg/L	12/05/1994	2373	223709
Benzene	98.1	95.7	2.5	21.0	ND	20.6	20.1	ug/L	12/05/1994	2373	223709
Toluene	99.4	96.7	2.8	86.7	ND	86.2	83.8	ug/L	12/05/1994	2373	223709
METHOD M6015 (EXT., Liquid)											226438
as Diesel	69.9	66.2	5.4	1.96	ND	1.37	1.35	mg/L	12/06/1994	865	226438

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Carolina Freight Carriers
Client Acct: 61900
NET Job No: 94.05803

Date: 12/13/1994
ELAP Cert: 1386
Page: 21

Ref: GI Trucking/San Leandro, Job No. 88288

MATRIX SPIKE / MATRIX SPIKE DUPLICATE

Parameter	Matrix Spike				Sample Conc.	Matrix Spike			Units	Date Analyzed	Run Batch	Sample Spiked
	Matrix Spike % Rec.	Spike Dup % Rec.	RPD	Spike Amount		Matrix Spike Conc.	Dup. Conc.	Conc.				
METHOD 601 (GC,Liquid)												226273
Chlorobenzene	104.0	103.5	0.5	20.0	ND	20.8	20.7	ug/L	12/09/1994	767		226273
1,1-Dichloroethene	96.5	88.5	8.6	20.0	ND	19.3	17.7	ug/L	12/09/1994	767		226273
Trichloroethene	112.0	101.5	9.8	20.0	ND	22.4	20.3	ug/L	12/09/1994	767		226273

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Carolina Freight Carriers
Client Acct: 61900
NET Job No: 94.05803

Date: 12/13/1994
ELAP Cert: 1386
Page: 22

Ref: GI Trucking/San Leandro, Job No. 88288

MATRIX SPIKE / MATRIX SPIKE DUPLICATE

Parameter	Matrix Spike				Sample Conc.	Matrix Spike			Units	Date Analyzed	Run Batch	Sample Spiked
	Matrix Spike % Rec.	Dup % Rec.	RPD	Spike Amount		Matrix Spike Conc.	Dup. Conc.	Conc.				
METHOD 601 (GC,Liquid)												226273
Chlorobenzene	104.0	103.5	0.5	20.0	ND	20.8	20.7	ug/L	12/09/1994	767		226273
1,1-Dichloroethene	96.5	88.5	8.6	20.0	ND	19.3	17.7	ug/L	12/09/1994	767		226273
Trichloroethene	112.0	101.5	9.8	20.0	ND	22.4	20.3	ug/L	12/09/1994	767		226273

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Carolina Freight Carriers
Client Acct: 61900
NET Job No: 94.05803

Date: 12/13/1994
ELAP Cert: 1386
Page: 23

Ref: GI Trucking/San Leandro, Job No. 88288

MATRIX SPIKE / MATRIX SPIKE DUPLICATE

Parameter	Matrix Spike			Sample Conc.	Matrix Spike Dup.			Units	Date Analyzed	Run Batch	Sample Spiked
	Matrix Spike % Rec.	Spike Dup % Rec.	RPD		Matrix Spike Conc.	Spike Dup Conc.	Conc.				
METHOD 8270 (GCMS, Liquid)											226338
Acenaphthene	73.7	68.3	7.6	100	ND	73.7	68.3	ug/L	12/07/1994	644	226338
1,4-Dichlorobenzene	64.3	58.6	9.3	100	ND	64.3	58.6	ug/L	12/07/1994	644	226338
2,4-Dinitrotoluene	91.4	91.6	0.2	100	ND	91.4	91.6	ug/L	12/07/1994	644	226338
N-Nitroso-Di-N-propylamine	98.7	97.0	1.7	100	ND	98.7	97.0	ug/L	12/07/1994	644	226338
Pyrene	97.5	98.1	0.6	100	ND	97.5	98.1	ug/L	12/07/1994	644	226338
1,2,4-Trichlorobenzene	63.0	57.2	9.7	100	ND	63.0	57.2	ug/L	12/07/1994	644	226338
4-Chloro-3-methylphenol	89.0	85.5	4.0	200	ND	178	171	ug/L	12/07/1994	644	226338
2-Chlorophenol	80.5	78.5	2.5	200	ND	161	157	ug/L	12/07/1994	644	226338
4-Nitrophenol	65.0	66.5	2.3	200	ND	130	133	ug/L	12/07/1994	644	226338
Pentachlorophenol	86.5	91.5	5.6	200	ND	173	183	ug/L	12/07/1994	644	226338
Phenol	57.0	55.0	3.6	200	ND	114	110	ug/L	12/07/1994	644	226338

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Carolina Freight Carriers
Client Acct: 61900
NET Job No: 94.05803

Date: 12/13/1994
ELAP Cert: 1386
Page: 24

Ref: GI Trucking/San Leandro, Job No. 88288

LABORATORY CONTROL SAMPLE REPORT

Parameter	LCS	Duplicate		LCS Amount Found	Duplicate		Units	Date Analyzed	Analyst Initials	Run Batch
		% Recovery	% Recovery		RPD	LCS Amount Found				
Cadmium (ICP)	93.6			0.9360	1.00	1.00	mg/L	12/06/1994	jeo	659
Chromium (ICP)	99.2			0.9923	1.00	1.00	mg/L	12/06/1994	jeo	617
Lead (GFAA)	102.0			0.02551	0.0250	0.0250	mg/L	12/08/1994	djm	582
Nickel (ICP)	93.7			0.9369	1.00	1.00	mg/L	12/06/1994	jeo	615
Zinc (ICP)	87.3			0.8734	1.00	1.00	mg/L	12/06/1994	jeo	787
METHOD M8015 (EXT., Liquid) as Diesel	73.7			0.737	1.00	1.00	mg/L	12/06/1994	tts	865

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Carolina Freight Carriers
Client Acct: 61900
NET Job No: 94.05803

Date: 12/13/1994
ELAP Cert: 1386
Page: 25

Ref: GI Trucking/San Leandro, Job No. 88288

LABORATORY CONTROL SAMPLE REPORT

Parameter	LCS % Recovery	Duplicate		LCS Amount Found	Duplicate		Units	Date Analyzed	Analyst Initials	Run Batch
		LCS % Recovery	RPD		LCS Amount Found	LCS Expected				
METHOD 8270 (GCMS, Liquid)										
Acenaphthene	72.6			72.6		100	ug/L	12/06/1994	gec	644
1,4-Dichlorobenzene	54.6			54.6		100	ug/L	12/06/1994	gec	644
2,4-Dinitrotoluene	93.4			93.4		100	ug/L	12/06/1994	gec	644
N-Nitroso-Di-N-propylamine	95.9			95.9		100	ug/L	12/06/1994	gec	644
Pyrene	101.0			101		100	ug/L	12/06/1994	gec	644
1,2,4-Trichlorobenzene	57.9			57.9		100	ug/L	12/06/1994	gec	644
4-Chloro-3-methylphenol	84.0			168		200	ug/L	12/06/1994	gec	644
2-Chlorophenol	78.0			156		200	ug/L	12/06/1994	gec	644
4-Nitrophenol	46.7			93.3		200	ug/L	12/06/1994	gec	644
Pentachlorophenol	93.5			187		200	ug/L	12/06/1994	gec	644
Phenol	38.0			76		200	ug/L	12/06/1994	gec	644
Nitrobenzene-d5 (SURR)	84.0			84		100	% Rec.	12/06/1994	gec	644
2-Fluorobiphenyl (SURR)	70.0			70		100	% Rec.	12/06/1994	gec	644
p-Terphenyl-d14 (SURR)	93.0			93		100	% Rec.	12/06/1994	gec	644
Phenol-d5 (SURR)	44.0			44		100	% Rec.	12/06/1994	gec	644
2-Fluorophenol (SURR)	58.0			58		100	% Rec.	12/06/1994	gec	644
2,4,6-Tribromophenol (SURR)	106.0			106		100	% Rec.	12/06/1994	gec	644

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



KEY TO ABBREVIATIONS and METHOD REFERENCES

- < : Less than; When appearing in results column indicates analyte not detected at the value following. This datum supercedes the listed Reporting Limit.
- * : Reporting Limits are a function of the dilution factor for any given sample. Actual reporting limits and results have been multiplied by the listed dilution factor. Do not multiply the reporting limits or reported values by the dilution factor.
- dw : Result expressed as dry weight.
- mean : Average; sum of measurements divided by number of measurements.
- mg/Kg (ppm) : Concentration in units of milligrams of analyte per kilogram of sample, wet-weight basis (parts per million).
- mg/L : Concentration in units of milligrams of analyte per liter of sample.
- mL/L/hr : Milliliters per liter per hour.
- MPN/100 mL : Most probable number of bacteria per one hundred milliliters of sample.
- N/A : Not applicable.
- NA : Not analyzed.
- ND : Not detected; the analyte concentration is less than the applicable listed reporting limit.
- NTU : Nephelometric turbidity units.
- RPD : Relative percent difference, $100 \text{ [Value 1 - Value 2] / mean value}$.
- SNA : Standard not available.
- ug/Kg (ppb) : Concentration in units of micrograms of analyte per kilogram of sample, wet-weight basis (parts per billion).
- ug/L : Concentration in units of micrograms of analyte per liter of sample.
- umhos/cm : Micromhos per centimeter.

Method References

Methods 100 through 493: see "Methods for Chemical Analysis of Water & Wastes", U.S. EPA, 600/4-79-020, Rev. 1983.

Methods 601 through 625: see "Guidelines Establishing Test Procedures for the Analysis of Pollutants" U.S. EPA, 40 CFR, Part 136, Rev. 1988.

Methods 1000 through 9999: see "Test Methods for Evaluating Solid Waste", U.S. EPA SW-846, 3rd edition, 1986., Rev. 1, December 1987.

SM: see "Standard Methods for the Examination of Water & Wastewater, 17th Edition, APHA, 1989.

BLMYER

ENGINEERS, INC.

1829 Clement Avenue

Alameda, CA 94501 (510) 521-3773

FAX (510) 865-2594



4/16/5

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

JOB #		PROJECT NAME/LOCATION				# OF CONTAINERS	TPH AS GASOLINE + BTXE (MOD EPA 8015/8020)	TPH AS DIESEL (MOD EPA 8015)	VOC (EPA 674/8240)	SEMI-VOC (EPA 625/8270)	TRPH (EPA 418.1)	BTXE (EPA 8020/8022) BTX ONLY	HVOs 601	TPH-9	Pb, Cr, Ni, Metals: Cd, Zn	HOLD	TURNAROUND TIME: Standard DAY(S)
SAMPLERS (SIGNATURE)		DATE	TIME	COMP	GRAB												SAMPLE NAME/LOCATION
89288		GI Trucking / San Leandro CA															
Steph W Moore																	
		11/29/94	1130		X	MW-2	14	X	X		X	X	X	X			
		11/29/94	1315		X	MW-3	14	X	X		X	X	X	X			

(12/1/94)
 Seal intact
 J.S.

REQUESTED BY: Mark Dettnerman			RESULTS AND INVOICE TO: Carolina Freight Carriers Corp. c/o Blymyer Engineers, Inc		
RELINQUISHED BY: (SIGNATURE) Steph W Moore	DATE / TIME 12/1/94 15:03	RECEIVED BY: (SIGNATURE) [Signature]	RELINQUISHED BY: (SIGNATURE) [Signature]	DATE / TIME 12/1/94 17:30	RECEIVED BY: (SIGNATURE)
RELINQUISHED BY: (SIGNATURE)	DATE / TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE) [Signature]	DATE / TIME 12/1/94 0700	REMARKS: Temp recd. 3.7°C & 1.5°C	

WHITE: Accompany Sample

YELLOW: BEI, After Lab Signs

PINK: Original Sampler