



*Cowell:
I gave this site
to Bill F.
Coy*

Mr. Larry Seto
Alameda County Health Care Services Agency
Division of Hazardous Materials
Department of Environmental Health
80 Swan Way, Room 200
Oakland, CA 94621

Subject: GI Trucking Company
1750 Adams Avenue, San Leandro, CA
Quarterly Groundwater Sampling

Dear Mr. Seto:

This documents the fourth quarterly groundwater sampling for the third year at the subject facility.

Four of the five existing monitoring wells (MW-2 through MW-5, Figure 1) were sampled on August 28, 1991. Well MW-1 contained a phase-separated hydrocarbon layer with a thickness of 0.09 feet. A water sample was not collected from this well.

Three well casing volumes of water were removed from each well prior to sampling. A representative sample was collected from each well using a Teflon bailer and placed in one-liter amber bottles provided by the laboratory. The Well Purging and Sampling Data forms for all wells are enclosed. The groundwater samples were placed in a cooler with blue ice and delivered via courier to NET Pacific, Inc., a California-certified laboratory.

The water samples were analyzed for Total Petroleum Hydrocarbons (TPH) as diesel using modified EPA Method 8015. As indicated in the enclosed analytical report, TPH as diesel was not found in samples from wells MW-2, MW-4, and MW-5 at or above the reporting limit of 0.05 parts per million (ppm). TPH as diesel was detected at a concentration of 0.24 ppm in well [REDACTED]

This sampling event completes the third year of quarterly groundwater monitoring at this site. TPH as diesel was first detected in the groundwater sample from well MW-3 collected in February 1990, and, except in December 1990, has been detected in all groundwater samples from this well since February 1990, at concentrations ranging from 0.24 ppm to 1.3 ppm. TPH as diesel has not been detected in any groundwater samples from wells MW-2, MW-4, and MW-5. Blymyer Engineers will continue to perform quarterly groundwater sampling for wells MW-2 through MW-5 for another year.

Mr. Larry Seto
Alameda County Health Care Services Agency

September 17, 1991
Page 2

If you have any questions, please contact me at (415) 521-3773.

Cordially,

Blymyer Engineers, Inc.

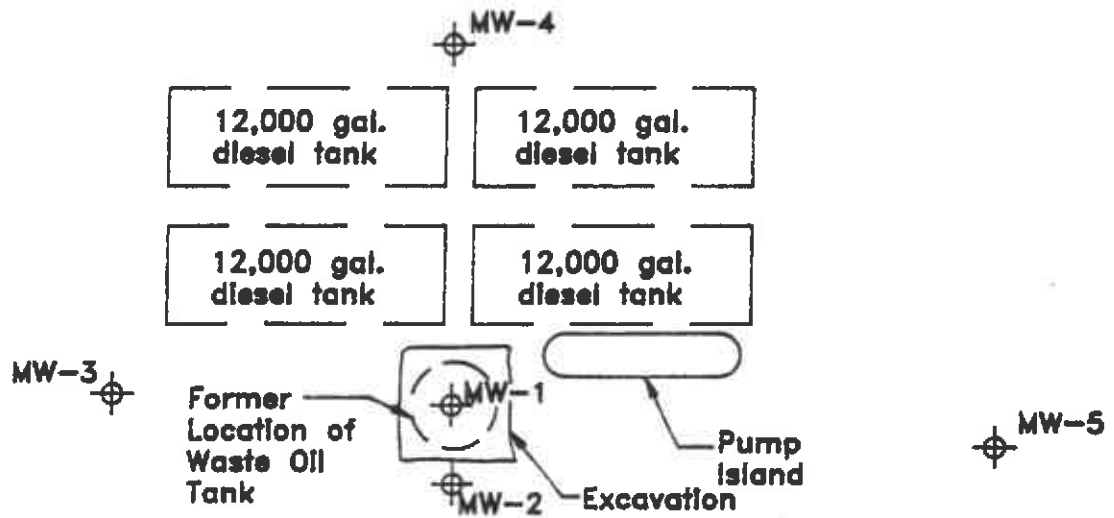


Michael S. Lewis
Manager, UST Services

Enclosures



cc: Mr. Lester Feldman, RWQCB
Mr. Mike Bakaldin, San Leandro Fire Department
Mr. Curtis Carr, Carolina Freight Carriers Corporation
Mr. Bob Hogancamp, GI Trucking Company
Mr. Tom McGuire, GI Trucking Company

ml/88288.4Q3



MAINTENANCE BUILDING

LEGEND

-  GROUNDWATER MONITORING WELL
-  UNDERGROUND FUEL STORAGE TANK



REV	DESCRIPTION	DATE BY
BLYMYER ENGINEERS, INC ALAMEDA, CALIFORNIA		
SCALE SHOWN	FOR	GI TRUCKING
DATE LW 3/91		1750 ADAMS AVE. SAN LEANDRO, CA
APPROVED	TITLE	SITE PLAN
JOB 68288	DWG NO.	FIGURE 1

WELL PURGING AND SAMPLING DATA

DATE 8/28/91 PROJECT NUMBER 88288 PROJECT NAME GI TRUCKING
 WELL NUMBER MW-1 BORING DIAMETER N/A CASING DIAMETER 12"

<u>Column of Liquid in Well</u>	<u>Volume to be Removed</u>
Depth to product (6' 2-5/8") <u>6.22</u> ft	Gallon per foot of casing = <u>0.17</u>
Depth to water (6' 3-6/8") <u>6.31</u> ft	Column of water x _____
Total depth of well _____	Volume of casing = _____
Column of water _____	Number of volumes to remove x _____
	Total volume to remove = _____

Method of measuring liquid OIL/WATER INTERFACE PROBE

Method of purging well N/A rate _____

Method of decon ALCONOX AND DI WATER

Physical appearance of water (clarity, color, particulates, odor)
 Initial _____
 During _____
 Final _____

<u>Field Analysis</u>	<u>Initial</u>	<u>During</u>	<u>Final</u>
Time	_____	_____	_____
Conductivity ($\mu\text{S}/\text{cm}$)	_____	_____	_____
pH	_____	_____	_____
Temperature ($^{\circ}\text{F}$)	_____	_____	_____

Method of measurement _____

Total of volume purged _____

Comments OBTAIN DEPTH TO PRODUCT/DEPTH TO WATER ONLY: PRODUCT LAYER = 0.09ft

Sample Number _____ Amount of Sample _____

Preservative (circle one) None HCl HNO₃ H₂SO₄

Signed/Sampler Steph W Moore Date 8/28/91

Signed/Reviewer Michael S. L. Date 9/17/91

wped rev. 1. 5/91

WELL PURGING AND SAMPLING DATA

DATE 8/28/91 PROJECT NUMBER 88288 PROJECT NAME GI TRUCKING
 WELL NUMBER MW-2 BORING DIAMETER N/A CASING DIAMETER 2"

<u>Column of Liquid in Well</u>		<u>Volume to be Removed</u>	
Depth to product	<u>N/A</u>	Gallon per foot of casing	= <u>0.17 gal/ft</u>
Depth to water (6' 8-1/8")	<u>6.68 ft</u>	Column of water	x <u>16.57 ft</u>
Total depth of well	<u>23.25 ft</u>	Volume of casing	= <u>2.8 gal</u>
Column of water	<u>16.57 ft</u>	Number of volumes to remove	x <u>3</u>
		Total volume to remove	= <u>8.4 gal</u>

Method of measuring liquid OIL/WATER INTERFACE PROBE

Method of purging well TEFLON BAILER rate N/A

Method of decon ALCONOX AND DI WATER

Physical appearance of water (clarity, color, particulates, odor)
 Initial SLIGHTLY SILTY, NO ODOR
 During SILTY, NO ODOR
 Final SILTY, NO ODOR

<u>Field Analysis</u>	<u>Initial</u>	<u>During</u>	<u>Final</u>
Time	<u>12:08</u>	<u>12:22</u>	<u>12:30</u>
Conductivity ($\mu\text{S/cm}$)	<u>9420</u>	<u>9120</u>	<u>9350</u>
pH	<u>7.52</u>	<u>7.51</u>	<u>7.44</u>
Temperature ($^{\circ}\text{F}$)	<u>67.9</u>	<u>67.2</u>	<u>67.8</u>

Method of measurement HYDAC METER

Total of volume purged 8.5 gal

Comments _____

Sample Number ~~MW-3~~ MW-2 Amount of Sample 3-1 liter amber glass bottles

Preservative (circle one) None HCl HNO₃ H₂SO₄

Signed/Sampler Steph W. Moore Date 8/28/91

Signed/Reviewer Michael S. L. Date 9/17/91

WELL PURGING AND SAMPLING DATA

DATE 8/28/91 PROJECT NUMBER 88288 PROJECT NAME GI TRUCKING
 WELL NUMBER MW-3 BORING DIAMETER N/A CASING DIAMETER 2"

<u>Column of Liquid in Well</u>	<u>Volume to be Removed</u>
Depth to product <u>N/A</u>	Gallon per foot of casing = <u>0.17 gal/ft</u>
Depth to water (6' 7-1/2") <u>6.62 ft</u>	Column of water x <u>16.13 ft</u>
Total depth of well <u>22.75 ft</u>	Volume of casing = <u>2.7 gal</u>
Column of water <u>16.13 ft</u>	Number of volumes to remove x <u>3</u>
	Total volume to remove = <u>8.1</u>

Method of measuring liquid OIL/WATER INTERFACE PROBE
 Method of purging well TEFLON BAILER rate N/A
 Method of decon ALCONOX AND DI WATER

Physical appearance of water (clarity, color, particulates, odor)
 Initial SLIGHTLY SILTY, NO ODOR
 During SILTY, NO ODOR
 Final SLIGHTLY SILTY, NO ODOR

<u>Field Analysis</u>	<u>Initial</u>	<u>During</u>	<u>Final</u>
Time	<u>13:10</u>	<u>13:16</u>	<u>13:21</u>
Conductivity ($\mu\text{S}/\text{cm}$)	<u>816</u>	<u>889</u>	<u>920</u>
pH	<u>7.36</u>	<u>7.34</u>	<u>7.10</u>
Temperature ($^{\circ}\text{F}$)	<u>69.9</u>	<u>70.1</u>	<u>69.3</u>

Method of measurement HYDAC METER
 Total of volume purged 8.25

Comments _____

Sample Number MW-3 Amount of Sample 3-1 liter amber glass bottles

Preservative (circle one) None HCl HNO₃ H₂SO₄
 Signed/Sampler Stephen W. Moore Date 8/28/91
 Signed/Reviewer Michael S. L. Date 9/17/91

wpsd rev. 1, 5/91

WELL PURGING AND SAMPLING DATA

DATE 8/28/91 PROJECT NUMBER 88288 PROJECT NAME GI TRUCKING

WELL NUMBER MW-4 BORING DIAMETER N/A CASING DIAMETER 2"

<u>Column of Liquid in Well</u>		<u>Volume to be Removed</u>	
Depth to product	<u>N/A</u>	Gallon per foot of casing	= <u>0.17 gal/ft</u>
Depth to water (5' 8-3/8")	<u>5.70 ft</u>	Column of water	x <u>17.09 ft</u>
Total depth of well	<u>22.79 ft</u>	Volume of casing	= <u>2.90 gal</u>
Column of water	<u>17.09 ft</u>	Number of volumes to remove	x <u>3</u>
		Total volume to remove	= <u>8.7 gal</u>

Method of measuring liquid OIL/WATER INTERFACE PROBE

Method of purging well TEFLON BAILER rate N/A

Method of decon ALCONOX AND DI WATER

Physical appearance of water (clarity, color, particulates, odor)

Initial CLEAR, NO ODOR

During SILTY, NO ODOR

Final SILTY, NO ODOR

<u>Field Analysis</u>	<u>Initial</u>	<u>During</u>		<u>Final</u>
Time	<u>9:46</u>	<u>9:54</u>	<u>10:02</u>	<u>10:11</u>
Conductivity ($\mu\text{s/cm}$)	<u>957</u>	<u>1000</u>	<u>998</u>	<u>962</u>
pH	<u>7.80</u>	<u>7.52</u>	<u>7.40</u>	<u>7.43</u>
Temperature ($^{\circ}\text{F}$)	<u>68.7</u>	<u>69.6</u>	<u>68.6</u>	<u>69.6</u>

Method of measurement HYDAC METER

Total of volume purged 9.0 GAL

Comments _____

Sample Number MW-4 Amount of Sample 3-1 liter glass amber bottles

Preservative (circle one) None HCl HNO₃ H₂SO₄

Signed/Sampler *Stephen W. M...* Date 8/28/91

Signed/Reviewer *Michael S. L...* Date 9/17/91

WELL PURGING AND SAMPLING DATA

DATE 8/28/91 PROJECT NUMBER 88288 PROJECT NAME GI TRUCKING
 WELL NUMBER MW-5 BORING DIAMETER N/A CASING DIAMETER 2"

<u>Column of Liquid in Well</u>	<u>Volume to be Removed</u>
Depth to product <u>N/A</u>	Gallon per foot of casing = <u>0.17 gal/ft</u>
Depth to water(5' 10-3/4") <u>5.90 ft</u>	Column of water x <u>16.35 ft</u>
Total depth of well <u>22.25 ft</u>	Volume of casing = <u>2.8</u>
Column of water <u>16.35 ft</u>	Number of volumes to remove x <u>3</u>
	Total volume to remove = <u>8.4 gal</u>

Method of measuring liquid OIL/WATER INTERFACE PROBE

Method of purging well TEFLON BAILER rate N/A

Method of decon ALCONOX AND DI WATER

Physical appearance of water (clarity, color, particulates, odor)

Initial CLEAR, NO ODOR

During SLIGHTLY SILTY, NO ODOR

Final SILTY, NO ODOR

<u>Field Analysis</u>	<u>Initial</u>	<u>During</u>	<u>Final</u>
Time	<u>11:17</u>	<u>11:23</u>	<u>11:30</u>
Conductivity (µs/cm)	<u>918</u>	<u>924</u>	<u>940</u>
pH	<u>7.49</u>	<u>7.50</u>	<u>7.47</u>
Temperature (°F)	<u>70.1</u>	<u>69.7</u>	<u>69.3</u>

Method of measurement HYDAC METER

Total of volume purged 8.5 GALS

Comments _____

Sample Number MW-5 Amount of Sample 3-1 liter amber glass bottles

Preservative (circle one) None HCl HNO₃ H₂SO₄

Signed/Sampler [Signature] Date 8/28/91

Signed/Reviewer [Signature] Date 9/17/91

wped rev. 1, 5/91



NATIONAL ENVIRONMENTAL TESTING, INC.

NET Pacific, Inc.
435 Tesconi Circle
Santa Rosa, CA 95401
Tel: (707) 526-7200
Fax: (707) 526-9623



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

Date: 09-09-91
NET Client Acct No: 619
NET Pacific Log No: 9559
Received: 08-30-91 0800

Client Reference Information

GI Trucking/San Leandro, Project: 88288

Sample analysis in support of the project referenced above has been completed and results are presented on following pages. 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:

[Signature]
Jules Skamarack
Laboratory Manager

JS:rct
Enclosure(s)



Client No: 619
 Client Name: Carolina Freight Carriers
 NET Log No: 9559

Date: 09-09-91

Page: 2

NET Pacific, Inc

Ref: GI Trucking/San Leandro, Project: 88288

Descriptor, Lab No. and Results

Parameter	Method	Reporting Limit	MW-4	MW-5	Units
			08-28-91 1020	08-28-91 1147	
			96118	96119	
PETROLEUM HYDROCARBONS			--	--	
EXTRACTABLE (WATER)			--	--	
DILUTION FACTOR *			1	1	
DATE EXTRACTED			08-31-91	08-31-91	
DATE ANALYZED			09-03-91	09-03-91	
METHOD GC FID/3510			--	--	
as Diesel		0.05	ND	ND	mg/L



NET Pacific, Inc

Client No: 619
Client Name: Carolina Freight Carriers
NET Log No: 9559

Date: 09-09-91
Page: 3

Ref: GI Trucking/San Leandro, Project: 88288

Descriptor, Lab No. and Results

Parameter	Method	Reporting Limit	MW-2	MW-3	Units
			08-28-91 1245	08-28-91 1335	
PETROLEUM HYDROCARBONS			--	--	
EXTRACTABLE (WATER)			--	--	
DILUTION FACTOR *			1	1	
DATE EXTRACTED			08-31-91	08-31-91	
DATE ANALYZED			09-03-91	09-03-91	
METHOD GC FID/3510			--	--	
as Diesel		0.05	ND	0.24	mg/L



Client Acct: 619
Client Name: Carolina Freight Carriers
NET Log No: 9559

Date: 09-06-91
Page: 4

NET Pacific, Inc

Ref: GI Trucking/San Leandro, Project: 88288

QUALITY CONTROL DATA

Parameter	Reporting Limits	Units	Cal Verf Stand % Recovery	Blank Data	Spike % Recovery	Duplicate Spike % Recovery	RPD
Diesel	0.05	mg/L	103	ND	88	81	7.4



NET Pacific, Inc

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. To obtain the actual reporting limits for this sample, multiply the stated Reporting Limits by the dilution factor (but do not multiply reported values).
- ICVS : Initial Calibration Verification Standard (External Standard).
- mean : Average; sum of measurements divided by number of measurements.
- mg/Kg (ppm) : Concentration in units of milligrams of analyte per kilogram of sample, (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 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, (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.

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



CHAIN OF CUSTODY RECORD

JOB # 88288		PROJECT NAME/LOCATION GI Trucking / San Leandro CA			# OF CONTAINERS	TPH AS GASOLINE + BTXE (MOD EPA 8015/8020)	TPH AS DIESEL (MOD EPA 8015)	VOC (EPA 624/8240)	SEMI-VOC (EPA 625/8270)	TRPH (EPA 418.1)	BTXE (EPA 8020/802)	HOLD	TURNAROUND TIME: <u>5</u> Standard DAY(S)
SAMPLERS (SIGNATURE) <i>Steph W Milne</i>				REMARKS:									
DATE	TIME	COMP	GRAB	SAMPLE NAME/LOCATION									
8/28/91	9:24		X	BB-1	3							X	
8/28/91	10:20		X	MW-4	3	X							
8/28/91	11:47		X	MW-5	3	X							
8/28/91	12:45		X	MW-2	3	X							
8/28/91	13:35		X	MW-3	3	X							

CUSTODY SEALED 8/29/91
 19:00 J.S. recontact

REQUESTED BY: Michael Lewis
 RESULTS AND INVOICE TO: Carolina Freight Carriers Corp. c/o BEI

RELINQUISHED BY: (SIGNATURE) *Steph W Milne* DATE/TIME 8/29/91 15:05
 RECEIVED BY: (SIGNATURE) *Michael S. L.*

RELINQUISHED BY: (SIGNATURE) *Michael S. L.* DATE/TIME 8/29/91 3:00 pm
 RECEIVED FOR LABORATORY BY: (SIGNATURE) *K. Blach* DATE/TIME 8/29/91 5:01 pm
 REMARKS: released: Jeff Wicker 8/29/91 19:00
 recd: sample 8/30/91 0800