December 31, 1990
BEI Job No. 88288

BLYMYER
ENGINEERS, INC.

BEI DEC 33 PM 1:51

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: **Quarterly Groundwater Sampling**
GI Trucking Company
1750 Adams Avenue
San Leandro, California

Dear Mr. Seto:

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

Four of the five existing monitoring wells (MW-2 through MW-4, Figure 1) were sampled on December 3, 1990, in accordance with the enclosed sampling protocol. Well MW-1 contained no measurable floating product, but a strong diesel odor and an oil sheen were noted in the water from this well. A water sample was not collected from this well. A representative sample was collected from each of the other four wells 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 water 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 the California Department of Health Services, LUFT Manual Method (modified EPA Method 8015). As indicated in the enclosed analytical report, TPH as diesel was not found in any of the samples above the method detection limit of 0.05 parts per million.

(415) 521-3773 • 1829 Clement Avenue, Alameda, California 94501-1395 • FAX (415) 865-2594

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

Cordially,

BLYMYER ENGINEERS, INC.

Michael S. Lewis
Manager, UST Services

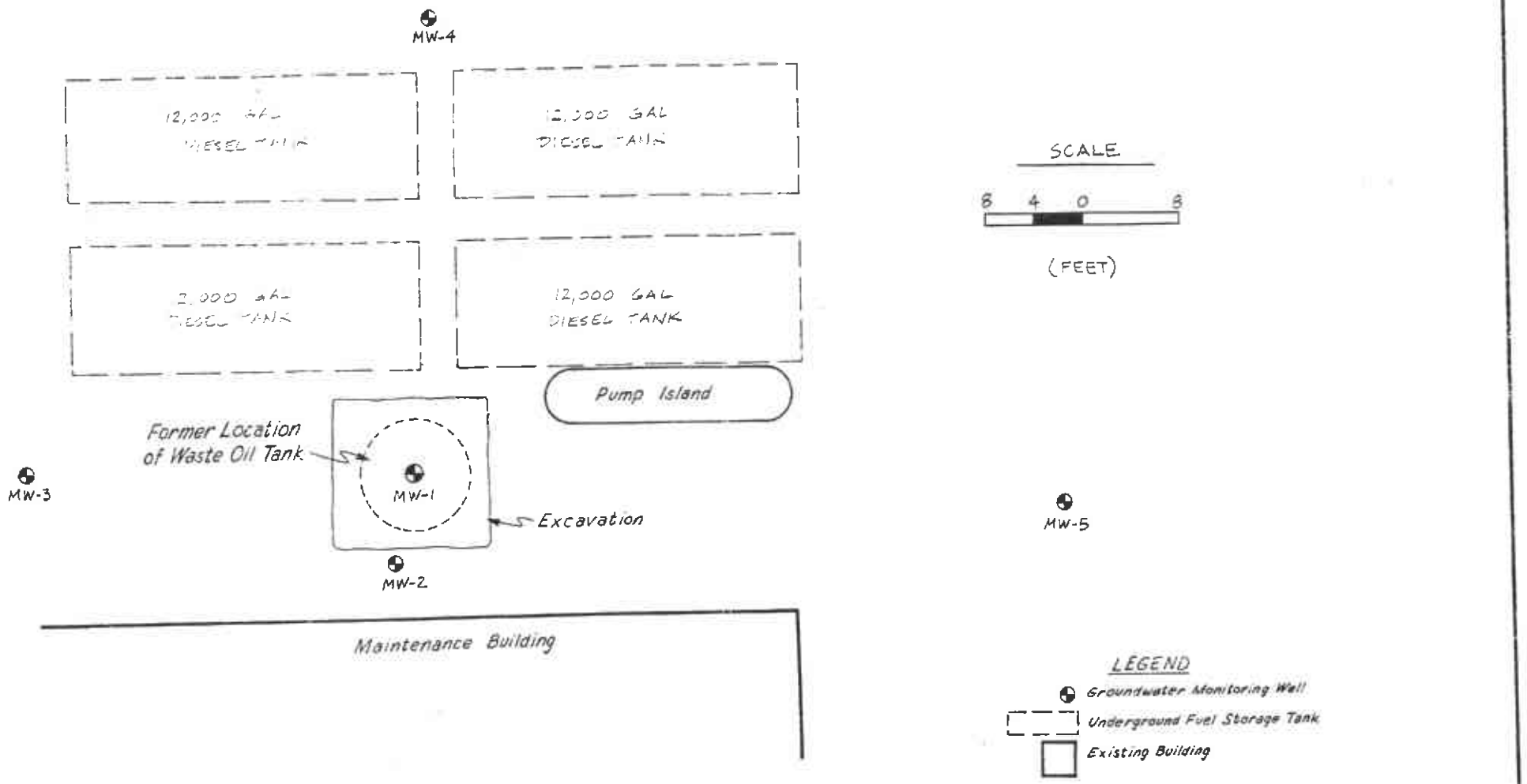
enclosures

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

ml\88288.1Q3

Project No. 86-102 February 17, 1987

BEI Job No. 88288



GI TRUCKING
1750 ADAMS AVE.
SAN LEANDRO, CA

Figure No. 1 - SITE PLAN

Scale: 1" = 8'-0"

1.0 GROUNDWATER SAMPLING PROTOCOL

1.1 Decontamination

Prior to commencing sampling or purging, all bailers, pumps, tubing, cables and lines will be decontaminated. Decontamination will include trisodium phosphate wash, tap water rinse and deionized water final rinse. A bailer blank will be taken after initial decontamination is performed. The bailer blank is obtained by filling the bailer with deionized water and transferring the water into appropriate containers. The sample is to be labelled "Bailer Blank" and "Hold" is to be indicated in the analysis sections of the label and the Chain of Custody Record.

All equipment will be thoroughly decontaminated after sampling each well.

1.2 Gauging

Each well will be gauged prior to purging. An oil/water interface probe will be used to determine the depth to water, depth to product and total well depth. The data collected will be recorded on the Groundwater Monitoring Data form. The interface probe and tape will be decontaminated prior to gauging each well.

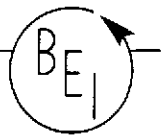
1.3 Purging

The well will be bailed or pumped to remove at least three well casing volumes prior to sampling or until the pH, temperature and conductivity have stabilized. "Stabilized" is defined as three consecutive readings within 15 percent of one another. Temperature, pH and conductivity will be measured with field instruments after each well casing volume is removed. The data will be recorded on the Purge Data form. A casing volume will be based on actual measurements made on the day of sampling.

If the well is purged dry before three well casing volumes are removed, the sample will be taken when the water level in the well recovers to 80 percent of its initial water level. If the length of time for the well to recover 80 percent of its initial water level exceeds two hours, the sample will be obtained as soon as sufficient volume is available.

All water purged from the well will be placed in labelled, 55 gallon closed-top drums.

(415) 523-9254 • 1829 Clement Avenue, Alameda, California 94501-1396 • FAX (415) 865-2594



1.4 Sampling

Following the removal of the required volume from the well, the sample will be obtained with a clean, teflon or stainless steel bailer. All samples will be logged on the Chain of Custody Record form. Samples will be placed in appropriate containers provided by the laboratory. Labels specifying project name, project number, date, sample identification, sampler, and analytical parameters will be affixed to each sample container. The samples will be placed in a cooler with dry or blue ice for delivery to the analytical laboratory.

(415) 523-9254 • 1829 Clement Avenue, Alameda, California 94501-1396 • FAX (415) 865-2594

WELL PURGING AND SAMPLING DATA

DATE: 12-3-90 PROJECT NUMBER: 88288 PROJECT NAME: GI Trucking-San Leandro

WELL NUMBER MW-1 BORING DIAMETER _____ CASING DIAMETER 12"

Column of Liquid in Well

Depth to product _____

Depth to water 6.49'

Total depth of well _____

Column of water _____

Volume to be Removed

gal per ft of casing = _____
column of water = _____
volume of casing = _____
number of volumes to remove x _____
total volume to remove = _____

Method of measuring liquid _____

Method of purging well _____ rate _____

Method of decon _____

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

Initial Strong diesel odor, oil sheen.

During _____

Final _____

Field Analysis	Initial	During		Final
Time	_____	_____	_____	_____
Conductivity	_____	_____	_____	_____
pH	_____	_____	_____	_____
Temperature	_____	_____	_____	_____

Method of measurement _____

Total volume purged _____

Comments Well not sampled.

Sample Number _____ Amount of Sample _____

Signed/Sampler _____ Date _____

Signed/Reviewer _____ Date _____

WELL PURGING AND SAMPLING DATA

DATE: 12-3-90 PROJECT NUMBER: 88288 PROJECT NAME: GI Trucking-San Leandro

WELL NUMBER MW-3 BORING DIAMETER _____ CASING DIAMETER 2"

Column of Liquid in Well

Depth to product	_____
Depth to water	6.75'
Total depth of well	22.75'
Column of water	16.00'

Volume to be Removed

gal per ft of casing	=	0.17
column of water	=	16.00'
volume of casing	=	2.72gal
number of volumes to remove	x	3
total volume to remove	=	8.16gal

Method of measuring liquid Oil/Water Interface Probe

Method of purging well Hand Bailing rate -

Method of decon TSP Solution/Distilled Water Rinse

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

Initial Clear, no odor.

During Slightly silty, no odor.

Final Slightly silty, very slight petroleum odor.

Field Analysis	Initial	During		Final
Time	11:02	11:06	11:09	11:12
Conductivity	762	821	873	843
pH	7.29	7.30	7.04	7.01
Temperature	61.0	61.5	62.7	60.8

Method of measurement Hydac meter

Total volume purged 8.5 gals

Comments Replaced well cap lock.

Sample Number MW-3 Amount of Sample 2 liters

Signed/Sampler _____ Date _____

Signed/Reviewer _____ Date _____

WELL PURGING AND SAMPLING DATA

DATE: 12-3-90 | PROJECT NUMBER: 88288 | PROJECT NAME: GI Trucking-San Leandro

WELL NUMBER MW-4 | BORING DIAMETER _____ | CASING DIAMETER 2"

Column of Liquid in Well

Depth to product	_____
Depth to water	5.95'
Total depth of well	22.79'
Column of water	16.84'

Volume to be Removed

gal per ft of casing	=	0.17
column of water	=	16.84'
volume of casing	=	2.86 gal
number of volumes to remove	x	3
total volume to remove	=	8.58gal

Method of measuring liquid Oil/Water Interface Probe

Method of purging well Hand Bailing rate -

Method of decon TSP Solution/Distilled Water Rinse

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

Initial Clear, no odor.

During Silty, no odor.

Final Silty, no odor.

Field Analysis	Initial	During	During	Final
Time	10:34	10:37	10:40	10:44
Conductivity	813	864	833	865
pH	7.61	7.57	7.45	7.41
Temperature	60.2	64.4	63.3	62.5

Method of measurement Hydac meter

Total volume purged 9 gals

Comments _____

Sample Number MW-4 Amount of Sample 2 liters

Signed/Sampler _____ Date _____

Signed/Reviewer _____ Date _____

WELL PURGING AND SAMPLING DATA

DATE: 12-3-90 PROJECT NUMBER: 88288 PROJECT NAME: GI Trucking-San Leandro

WELL NUMBER MW-5 BORING DIAMETER _____ CASING DIAMETER 2"

Column of Liquid in Well

Depth to product _____

Depth to water 6.05'

Total depth of well 22.25'

Column of water 16.20'

Volume to be Removed

gal per ft of casing = 0.17
column of water = 16.20'
volume of casing = 2.75gal
number of volumes to remove x 3
total volume to remove = 8.25gal

Method of measuring liquid Oil/Water Interface Probe

Method of purging well Hand Bailing rate -

Method of decon TSP Solution/Distilled Water Rinse

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

Initial Clear, no odor.

During Slightly silty, no odor.

Final Slightly silty, no odor.

Field Analysis	Initial	During		Final
Time	9:35	9:37	9:41	9:44
Conductivity	1550	910	890	900
pH	7.85	7.80	7.69	7.66
Temperature	61.6	61.7	60.4	61.0

Method of measurement Hydac meter

Total volume purged 9 gals

Comments _____

Sample Number MW-5 Amount of Sample 2 liters

Signed/Sampler _____ Date _____

Signed/Reviewer _____ Date _____

NET NATIONAL ENVIRONMENTAL TESTING, INC.

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

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

Date: 12-21-90
NET Client Acct No: 619
NET Pacific Log No: 5205
Received: 12-04-90 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:

Jules Skamarack
Laboratory Manager

JS:rct
Enclosure(s)

NET Pacific, Inc.

Client No: 619 Date: 12-21-90
Client Name: Carolina Freight Carriers
NET Log No: 5205 Page: 2

Ref: GI Trucking, San Leandro; Project: 88288

Parameter	Method	Reporting Limit	Descriptor, Lab No. and Results MW-5 12-03-90 0950 69932	MW-2 12-03-90 1015 69933	Units
PETROLEUM HYDROCARBONS			--	--	
EXTRACTABLE (WATER)			--	--	
DILUTION FACTOR *			1	1	
DATE EXTRACTED			12-06-90	12-06-90	
DATE ANALYZED			12-07-90	12-07-90	
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: 5205

Date: 12-21-90
Page: 3

Ref: GI Trucking, San Leandro; Project: 88288

Parameter	Method	Reporting Limit	Descriptor, Lab No. and Results MW-4 12-03-90 1050 69934	MW-3 12-03-90 1115 69935	Units
PETROLEUM HYDROCARBONS			--	--	
EXTRACTABLE (WATER)			--	--	
DILUTION FACTOR *			1	1	
DATE EXTRACTED			12-06-90	12-06-90	
DATE ANALYZED			12-07-90	12-07-90	
METHOD GC FID/3510			--	--	
as Diesel		0.05	ND	ND	mg/L

NET Pacific, Inc.

Client Acct: 619
Client Name: Carolina Freight Carriers
NET Log No: 5205

Date: 12-12-90
Page: 4

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	87	ND	69	66	4.4

COMMENT: Blank Results were ND on other analytes tested.

NET

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, 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 applicable listed reporting limit.
NTU	:	Nephelometric turbidity units.
RPD	:	Relative percent difference, 100 [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.

SM: see "Standard Methods for the Examination of Water & Wastewater, 16th Edition, APHA, 1985.