



55
~~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 quarterly groundwater sampling for the second quarter of the fifth year of quarterly groundwater sampling at the subject facility.

Four of the five existing monitoring wells (MW-2 through MW-5, Figure 1) were sampled on March 25, 1993. Monitoring well MW-1 contained a visible sheen and a strong petroleum odor. A groundwater sample was not collected from this well.

Three well casing volumes of water were removed from each well prior to sampling. A representative groundwater sample was collected from each well using a Teflon® bailer and placed in 1-liter amber bottles provided by the laboratory. The Well Purging and Sampling Data forms for all wells are attached. The groundwater samples were placed in a cooler with blue ice and delivered via courier to NET Pacific, Inc., a California-certified laboratory.

The groundwater 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 detected in the samples from monitoring wells MW-2, MW-4, and MW-5 at or above the reporting limit of 0.05 milligrams per liter (mg/l). TPH as diesel has not been detected in any groundwater samples from wells MW-2, MW-4, and MW-5.

TPH as diesel was first detected in the groundwater sample from well MW-3 collected in February 1990. Except in December 1990 and December 1992 sampling events, TPH as diesel has been detected in all groundwater samples from this well since February 1990, at concentrations ranging from 0.20 mg/l to 1.6 mg/l. TPH as diesel was detected at 1.6 mg/l in well MW-3 during this sampling event.

Mr. Larry Seto
Alameda County Health Care Services Agency

April 21, 1993
Page 2

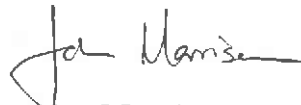
Monitoring well MW-1 has consistently contained a phase-separated hydrocarbon layer.

Blymyer Engineers will continue to perform quarterly groundwater sampling for wells MW-2 through MW-5 for another quarter.

If you have any questions, please call us at (510) 521-3773.

Cordially,

Blymyer Engineers, Inc.



John Morrison
Project Geologist



Harry Short,
Registered Geologist

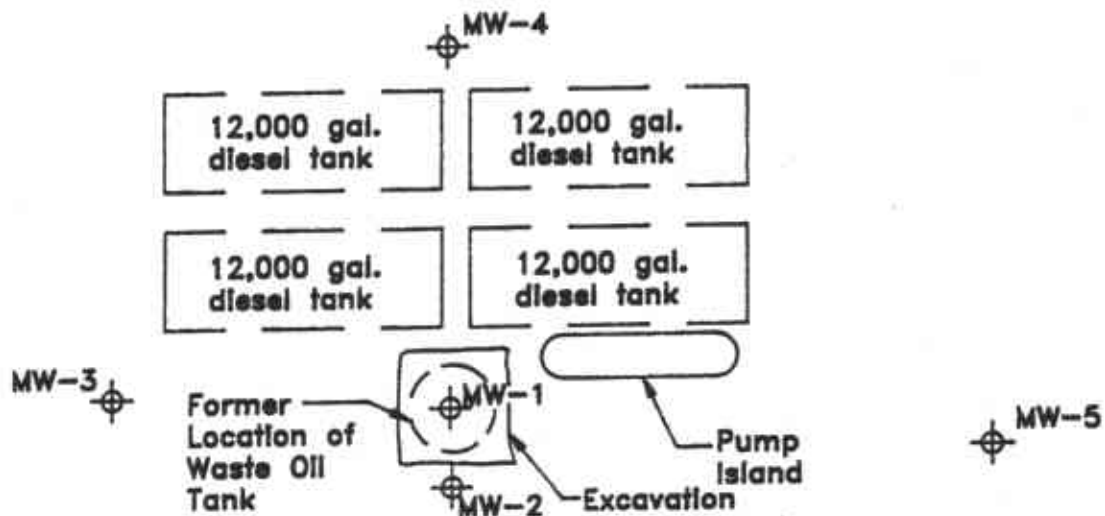
Attachments: Figure 1, Site Plan

Laboratory analytical report dated, April 19, 1993

Well Purging and Sampling Data forms



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

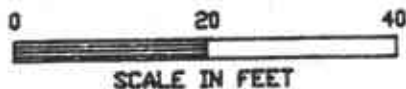
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MAINTENANCE BUILDING

LEGEND

-  GROUNDWATER MONITORING WELL
-  UNDERGROUND FUEL STORAGE TANK



| REV | DESCRIPTION | DATE BY |
|---|-------------|-----------|
| BLYMYER ENGINEERS, INC ALAMEDA, CALIFORNIA | | |
| SCALE SHOWN FOR GI TRUCKING 1750 ADAMS AVE. SAN LEANDRO, CA | | |
| DATE LW 3/91 | | TITLE |
| APPROVED | | SITE PLAN |
| JOB 88288 | DWG. NO. | FIGURE 1 |



NATIONAL
ENVIRONMENTAL
TESTING, INC.

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

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



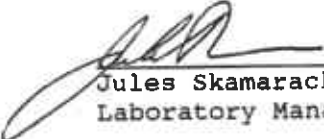
Date: 04/19/1993
NET Client Acct. No: 61900
NET Pacific Job No: 93.01163
Received: 03/27/1993

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. 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

Enclosure(s)



Client Acct: 61900
Client Name: Carolina Freight Carriers
NET Log No: 93.01163

Date: 04/19/1993
Page: 2

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

SAMPLE DESCRIPTION: MW-4
Date Taken: 03/25/1993
Time Taken: 10:20
LAB Job No: (-153784)

| <u>Parameter</u> | <u>Results</u> | <u>Reporting Limit</u> | <u>Units</u> | <u>Method</u> |
|----------------------|----------------|----------------------------|--------------|---------------|
| METHOD 3510 (GC,FID) | | | | |
| DILUTION FACTOR* | 1 | | | |
| DATE EXTRACTED | 03-30-93 | | | |
| DATE ANALYZED | 03-31-93 | | | |
| as Diesel | ND | 0.05 | mg/L | 3510 |



Client Acct: 61900
Client Name: Carolina Freight Carriers
NET Log No: 93.01163

Date: 04/19/1993
Page: 3

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

SAMPLE DESCRIPTION: MW-5
Date Taken: 03/25/1993
Time Taken: 11:20
LAB Job No: (-153785)

| Parameter | Results | Reporting Limit | Units | Method |
|----------------------|----------|--------------------|-------|--------|
| METHOD 3510 (GC,FID) | | | | |
| DILUTION FACTOR* | 1 | | | |
| DATE EXTRACTED | 03-30-93 | | | |
| DATE ANALYZED | 03-31-93 | | | |
| as Diesel | ND | 0.05 | mg/L | 3510 |



Client Acct: 61900
Client Name: Carolina Freight Carriers
NET Log No: 93.01163

Date: 04/19/1993
Page: 4

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

SAMPLE DESCRIPTION: MW-2
Date Taken: 03/25/1993
Time Taken: 12:25
LAB Job No: (-153786)

| <u>Parameter</u> | <u>Results</u> | <u>Reporting Limit</u> | <u>Units</u> | <u>Method</u> |
|----------------------|----------------|----------------------------|--------------|---------------|
| METHOD 3510 (GC,FID) | | | | |
| DILUTION FACTOR* | 1 | | | |
| DATE EXTRACTED | 03-30-93 | | | |
| DATE ANALYZED | 03-31-93 | | | |
| as Diesel | ND | 0.05 | mg/L | 3510 |



Client Acct: 61900
Client Name: Carolina Freight Carriers
NET Log No: 93.01163

Date: 04/19/1993
Page: 5

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

SAMPLE DESCRIPTION: MW-3
Date Taken: 03/25/1993
Time Taken: 13:35
LAB Job No: (-153787)

| <u>Parameter</u> | <u>Results</u> | <u>Reporting Limit</u> | <u>Units</u> | <u>Method</u> |
|----------------------|----------------|----------------------------|--------------|---------------|
| METHOD 3510 (GC,FID) | | | | |
| DILUTION FACTOR* | 1 | | | |
| DATE EXTRACTED | 03-30-93 | | | |
| DATE ANALYZED | 03-31-93 | | | |
| as Diesel | 1.6 | 0.05 | mg/L | 3510 |



Client Acct: 61900
Client Name: Carolina Freight Carriers
NET Log No: 93.01163

Date: 04/19/1993
Page: 6

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

QUALITY CONTROL DATA

| <u>Parameter</u> | <u>Reporting Limits</u> | <u>Units</u> | <u>Cal Verf Stand % Recovery</u> | <u>Blank Data</u> | <u>Spike % Recovery</u> | <u>Duplicate Spike % Recovery</u> | <u>RPD</u> |
|------------------|-----------------------------|--------------|--|-----------------------|-----------------------------|---|------------|
| Diesel | 0.05 | mg/L | 112 | ND | 89 | 104 | 16 |

COMMENT: Blank Results were ND on other analytes tested.



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, $100 \text{ [Value 1 - Value 2] / mean value}$.
- 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.

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



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CHAIN OF CUSTODY RECORD

| JOB # | | PROJECT NAME/LOCATION | | | | # 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 8020/602) | HOLD | TURNAROUND TIME: <u>Standard</u> DAY(S) | |
|---|-------|-------------------------------|------|---|---|--|--|------------------------------|--------------------|--------------------------|------------------|---------------------|------|---|--|
| 88288 | | GI Trucking / San Leandro, CA | | | | | | | | | | | | REMARKS: | |
| SAMPLERS (SIGNATURE) | | | | | | | | | | | | | | | |
| <i>Steph W Moore</i> | | | | | | | | | | | | | | | |
| DATE | TIME | COMP | GRAB | SAMPLE NAME/LOCATION | | | | | | | | | | | |
| 3/25/93 | 09:34 | | X | BB-1 | 1 | | | | | | | | X | | |
| 3/25/93 | 10:20 | | X | MW-4 | 1 | | X | | | | | | | | |
| 3/25/93 | 11:20 | | X | MW-5 | 1 | | X | | | | | | | | |
| 3/25/93 | 12:25 | | X | MW-2 | 1 | | X | | | | | | | | |
| 3/25/93 | 13:35 | | X | MW-3 | 1 | | X | | | | | | | | |
| (CUSTODY SEALED 3-26 @ 1730 <i>AW</i>) | | | | | | | | | | | | | | | |
| Seal intact | | | | | | | | | | | | | | | |
| REQUESTED BY: <i>John Morrison</i> | | | | | | RESULTS AND INVOICE TO: <i>Carolina Freight Carriers Corp</i> <i>c/o Blymyer Engineers, Inc</i> | | | | | | | | | |
| RELINQUISHED BY: (SIGNATURE) | | DATE / TIME | | RECEIVED BY: (SIGNATURE) | | RELINQUISHED BY: (SIGNATURE) | | DATE / TIME | | RECEIVED BY: (SIGNATURE) | | | | | |
| <i>Steph W Moore</i> | | 3/26/93 11:20 | | <i>Husan K Greenpan</i> | | <i>Andy Mackay</i> | | 3-26 1730 | | <i>Keayle</i> | | 3-29-93 0930 | | | |
| RELINQUISHED BY: (SIGNATURE) | | DATE / TIME | | RECEIVED FOR LABORATORY BY: (SIGNATURE) | | DATE / TIME | | REMARKS: | | | | | | | |
| <i>Husan K Greenpan</i> | | 3/26/93 11:55 | | <i>Andy Mackay</i> | | 3-26 11:55 | | | | | | | | | |

WHITE: Accompany Sample

YELLOW: BEI, After Lab Signs

PINK: Original Sampler

Well Purging and Sampling Data

| | | | | | |
|-------------|---------|-----------------|-------|-----------------|---------------|
| Date | 3/25/93 | Project Number | 88288 | Project Name | G.I. Trucking |
| Well Number | MW-1 | Boring Diameter | N/A | Casing Diameter | 12" |

| Column of Liquid in Well | | Volume to be Removed | |
|--------------------------|----------|----------------------------|-------|
| Depth to product | N/A | Gallons per foot of casing | = N/A |
| Depth to water | 4.60 ft. | Column of water | x N/A |
| Total depth of well | N/A | Volume of casing | = N/A |
| Column of water | N/A | No. of volumes to remove | x N/A |
| | | Total volume to remove | = N/A |

| | |
|----------------------------|---|
| Method of measuring liquid | Oil/water interface probe |
| Method of purging well | N/A |
| Method of decontamination | Alconox and distilled water, triple rinse |

| | |
|---|-----|
| Physical appearance of water (clarity, color, particulates, odor) | |
| Initial | N/A |
| During | |
| Final | |

| Field Analysis | Initial | During | | Final |
|-----------------------|--|--------|-----|-------|
| Time | N/A | N/A | N/A | N/A |
| Temperature (F) | | | | |
| Conductivity (us/cm) | | | | |
| Ph | | | | |
| Method of measurement | N/A | | | |
| Total volume purged | N/A | | | |
| Comments | Measure thickness of free product layer only. No measurable layer encountered. Visible sheen and scums. Strong petroleum odor. | | | |

| Sample Number | Amount of Sample |
|---------------|------------------|
| N/A | N/A |
| | |
| | |

| | | | |
|-----------------|-----------------------|------|---------|
| Signed/Sampler | <i>Steph W. Moore</i> | Date | 3/25/93 |
| Signed/Reviewer | <i>John C. Harris</i> | Date | 4/21/93 |

Well Purging and Sampling Data

| | | | | | |
|-------------|---------|-----------------|-------|-----------------|---------------|
| Date | 3/25/93 | 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 | 5.40 ft. | Column of water | x 17.85 ft. |
| Total depth of well | 23.25 ft. | Volume of casing | = 3.0 gal. |
| Column of water | 17.85 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 | Teflon bailer |
| Method of decontamination | Alconox 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 | 11:51 | 11:57 | 12:05 | 12:14 |
| Temperature (F) | 62.6 | 64.0 | 63.8 | 63.2 |
| Conductivity (us/cm) | 824 | 840 | 839 | 834 |
| Ph | 8.94 | 8.91 | 8.85 | 8.88 |
| Method of measurement | Hydac meter | | | |
| Total volume purged | 9.0 gal | | | |
| Comments | | | | |

| Sample Number | Amount of Sample |
|---------------|-------------------|
| MW-2 | 1-11 Amber bottle |
| | |
| | |

| | | | |
|-----------------|-----------------------|------|---------|
| Signed/Sampler | <i>Steph W. Moore</i> | Date | 3/25/93 |
| Signed/Reviewer | <i>J. C. Morris</i> | Date | 4/21/93 |

Well Purging and Sampling Data

| | | | | | |
|-------------|---------|-----------------|-------|-----------------|---------------|
| Date | 3/25/93 | 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 | 5.27 ft. | Column of water | x 17.48 ft. |
| Total depth of well | 22.75 ft. | Volume of casing | = 3.0 gal. |
| Column of water | 17.48 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 | Teflon bailer |
| Method of decontamination | Alconox 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 | 13:05 | 13:13 | 13:29 | 13:27 |
| Temperature (F) | 63.5 | 64.4 | 64.1 | 64.2 |
| Conductivity (us/cm) | 833 | 953 | 1009 | 1033 |
| Ph | 8.76 | 8.61 | 8.49 | 8.43 |
| Method of measurement | Hydac meter | | | |
| Total volume purged | 9.0 gal. | | | |
| Comments | | | | |

| Sample Number | Amount of Sample |
|---------------|-------------------|
| MW-3 | 1-1l Amber bottle |
| | |
| | |

| | |
|-----------------------|---------|
| Signed/Sampler | Date |
| <i>Steph W. Moore</i> | 3/25/93 |
| Signed/Reviewer | Date |
| <i>J. C. Morris</i> | 4/21/93 |

Well Purging and Sampling Data

| | | | | | |
|-------------|---------|-----------------|-------|-----------------|---------------|
| Date | 3/25/93 | Project Number | 88288 | Project Name | G.I. Trucking |
| Well Number | MW-4 | 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 | 4.14 ft. | Column of water | x 18.85 ft. |
| Total depth of well | 22.79 ft. | Volume of casing | = 3.2 gal |
| Column of water | 18.65 ft | No. of volumes to remove | x 3 |
| | | Total volume to remove | = 9.6 gal |

| | |
|----------------------------|-----------------------------|
| Method of measuring liquid | Oil/water interface probe |
| Method of purging well | Teflon bailer |
| Method of decontamination | Alconox 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 | 09:50 | 09:58 | 10:06 | 10:12 |
| Temperature (F) | 62.3 | 65.0 | 64.8 | 65.0 |
| Conductivity (us/cm) | 864 | 900 | 889 | 892 |
| Ph | 9.17 | 9.02 | 8.92 | 8.89 |
| Method of measurement | Hydac meter | | | |
| Total volume purged | 9.75 gal. | | | |
| Comments | | | | |

| Sample Number | Amount of Sample |
|---------------|--------------------|
| MW-4 | 1-11 Ambner bottle |
| | |
| | |

| | |
|-----------------|-------------------------|
| Signed/Sampler | <i>Stephen W. Moore</i> |
| Signed/Reviewer | <i>J. C. Morris</i> |
| Date | 3/25/93 |
| Date | 4/21/03 |

Well Purging and Sampling Data

| | | | | | |
|-------------|---------|-----------------|-------|-----------------|---------------|
| Date | 3/25/93 | Project Number | 88288 | Project Name | G.I. Trucking |
| Well Number | MW-5 | 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 | 4.34 ft. | Column of water | x 17.91 ft. |
| Total depth of well | 22.25 ft. | Volume of casing | = 3.0 gal. |
| Column of water | 17.91 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 | Teflon bailer |
| Method of decontamination | Alconox 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 | 10:51 | 10:57 | 11:03 | 11:10 |
| Temperature (F) | 63.1 | 63.6 | 63.7 | 66.0 |
| Conductivity (us/cm) | 900 | 912 | 952 | 1012 |
| Ph | 8.95 | 8.83 | 8.77 | 8.99 |
| Method of measurement | Hydac meter | | | |
| Total volume purged | 9.0 gal. | | | |
| Comments | | | | |

| Sample Number | Amount of Sample |
|---------------|-------------------|
| MW-5 | 1-1l Amber bottle |
| | |
| | |

| | | | |
|-----------------|-----------------------|------|---------|
| Signed/Sampler | <i>Steph W Moore</i> | Date | 3/25/93 |
| Signed/Reviewer | <i>John C. Morris</i> | Date | 4/21/93 |