

March 14, 1996
Project No. RC0019.010

Mr. Barney Chan
Division of Hazardous Materials
Department of Environmental Health
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Room 250
Alameda, CA 94502

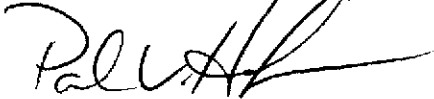
SUBJECT: Work Plan for Quarterly Groundwater Sampling, Quarterly Report
Preparation, and Purge Water Disposal Assistance
Former Penske Truck Leasing Facility
725 Julie Ann Way, Oakland, California.

Dear Mr. Chan:

The above referenced work plan is being forwarded to you at the request of Penske Truck Leasing Co. The work plan details the work activities associated with the quarterly groundwater monitoring and sampling at the former Penske Truck Leasing Facility at 725 Julie Ann Way, Oakland.

If you have any questions, please do not hesitate to call.

Sincerely,
GERAGHTY & MILLER, INC.



Paul V. Hehn
Project Geologist/Project Manager

cc: Mr. Richard G. Saut
Penske Truck Leasing Co.





Via Facsimile (510) 233-3204

March 12, 1996

**Mr. Paul Hehn
Geraghty & Miller, Inc.
1050 Marina Way South
Richmond, CA 94804**

**Re: Work Plan Approval
Quarterly Groundwater Monitoring
Former Penske Truck Leasing Facility
725 Julie Ann Way
Oakland, CA**

Dear Paul:

I have reviewed and approve the above referenced workplan. Please forward the appropriate number of copies to the required regulatory agencies. If you have questions or need assistance, please call my office at (610) 775-6010.

Sincerely,

**Richard G. Saut
Environmental Project Manager**

**RGS:jlr
11031296.rgs**

February 15, 1996
Project No. RC0019.010

Mr. Richard G. Saut
Environmental Project Manager
Penske Truck Leasing Co.
Route 10, Green Hills
P.O. Box 563
Reading, Pennsylvania 19603

SUBJECT: Work Plan for Quarterly Groundwater Sampling, Quarterly Report
Preparation, and Purge Water Disposal Assistance
Former Penske Truck Leasing Co. Facility
725 Julie Ann Way, Oakland, California

Dear Mr. Saut:

As authorized by your signed work order dated February 9, 1996, for quarterly groundwater sampling and reporting at the Penske Truck Leasing Co. (Penske) facility referenced above (Figure 1), Geraghty & Miller, Inc. (Geraghty & Miller) has prepared the following work plan to complete this work. The original outline of this work plan was presented to Penske as a proposal from Geraghty & Miller dated January 25, 1996.

This scope of work consists of the completion of four quarterly groundwater sampling events between February and December 1996. All work will be completed to comply with the requirements of the Alameda County Health Care Services Agency (ACHCSA).

SCOPE OF WORK

TASK 1: PREPARATION OF SCOPE OF WORK

This task includes preparation of this work plan and its submission to Penske for review and approval. After the work plan is approved by Penske, it will be finalized and submitted to the ACHCSA.

TASK 2: GROUNDWATER SAMPLE COLLECTION

As requested by Penske and in compliance with the ACHCSA requirements for this



site, six of the existing eight groundwater monitor wells at the site (Monitor Wells MW-1 through MW-5 and MW-7) (Figure 2) will be checked and sampled quarterly between February and December 1996 by a representative of Geraghty & Miller. Geraghty & Miller will provide the necessary groundwater sampling equipment, and will obtain the laboratory sampling bottles and analysis. Each well to be sampled and the two wells not scheduled for regular sampling (Monitor Wells MW-6 and MW-8) will be checked for the presence of liquid-phase hydrocarbons. Depth to water and total well depth will be measured. Wells with more than 0.02 foot of liquid-phase hydrocarbons will not be sampled. Each well to be sampled will be purged of a minimum of four casing volumes of water, using either a low-discharge submersible pump, a surface double-diaphragm pump, or by vacuum purging. All equipment which enters the well will be washed in a solution of a nonphosphate cleaner and triple rinsed in deionized water prior to entering each well. The purge water will be monitored for temperature, pH, and specific conductance. All water generated by the purging will be transported offsite by a Penske-contracted vacuum truck for proper disposal. Penske will sign the required manifests for the purge water.

Following purging, groundwater samples will be collected using a new polyethylene disposable bailer for each well. The water samples will be collected into the appropriate United States Environmental Protection Agency (USEPA) approved containers, placed on ice, and transported to Sequoia Analytical (Sequoia), a State-certified laboratory in Walnut Creek, California, for analysis along with the appropriate chain-of-custody documentation.

A trip blank, consisting of a sample vial containing laboratory-grade water prepared by the analytical laboratory, will accompany the sample vials from the laboratory to the site and back to the laboratory, and will also be submitted for analysis. The purpose of the trip blank is to assess whether any of the compounds analyzed for may have been imparted to the samples by air in the vicinity of the sample bottles during shipping, by the sample container, by the preservative, or by other exogenous sources.

TASK 3: GROUNDWATER SAMPLE ANALYSIS

All groundwater samples collected from all wells will be analyzed by Sequoia for total petroleum hydrocarbons (TPH) as diesel (USEPA Method 8015, modified); TPH as gasoline (USEPA Method 8015, modified); benzene, toluene, ethylbenzene, and total xylenes



(BTEX) (USEPA Method 8020); and total dissolved solids (USEPA Method 160.1). The trip blank will be analyzed only for TPH as gasoline and BTEX.

TASK 4: QUARTERLY GROUNDWATER SAMPLING REPORT PREPARATION

Geraghty & Miller will prepare a report following receipt of the laboratory analytical data from each quarterly sampling event. Each of the four quarterly reports will be prepared and submitted to Penske by the last working day of the month following receipt of the analytical results.

Each quarterly groundwater monitoring report will include:

- Description of sampling activities completed during the quarter;
- Summary of the field procedures;
- Summary tables of field data, depth-to-water data, and groundwater analytical results;
- Groundwater elevation contour map;
- Spider map of the dissolved TPH-as-gasoline, TPH-as-diesel, and benzene concentrations detected in each well sampled during the quarter; and
- Discussion of the results of the groundwater sampling and the activities completed during the quarter.

A draft version of each groundwater monitoring report will be forwarded to Penske for review and approval. After review and approval by Penske, the report will be finalized and a final version forwarded to Penske. Geraghty & Miller can forward the final version of each quarterly report, along with an appropriate cover letter, to the ACHCSA if Penske so requests.

TASK 5: ASSISTANCE WITH GROUNDWATER SAMPLING PURGE-WATER DISPOSAL

As requested by Penske, and as specified in the Geraghty & Miller proposal dated January 25, 1996, Geraghty & Miller will assist Penske with disposal of the purge water collected at the facility during each groundwater sampling event. Geraghty & Miller will work with Penske's selected purge-water disposal contractor to have the proper Non-Hazardous Waste Manifests prepared and signed by Penske. A time for the purge-water



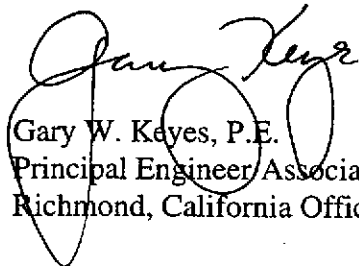
pickup, hauling, and disposal will be scheduled with the contractor. As specified by Penske, the purge water will be removed by vacuum stinger pipe. Penske's selected purge water contractor will arrange for proper disposal of the purge water.

Geraghty & Miller appreciates the opportunity to be of service to Penske. If you have any questions concerning this work plan, please do not hesitate to contact the undersigned.

Sincerely,
GERAGHTY & MILLER, INC.



Paul V. Hehn
Project Geologist/Project Manager



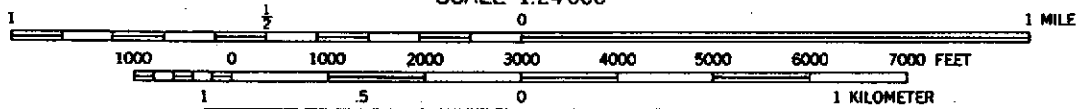
Gary W. Keyes, P.E.
Principal Engineer Associate
Richmond, California Office Manager

Attachments: Figure 1 Site Location Map
 Figure 2 Site Plan Map

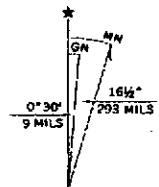




SCALE 1:24 000



CONTOUR INTERVAL 20 FEET



Reference: U.S.G.S. 7-minute Quadrangle, Oakland East, California, revised, Photorevised 1980.

UTM GRID AND 1980 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

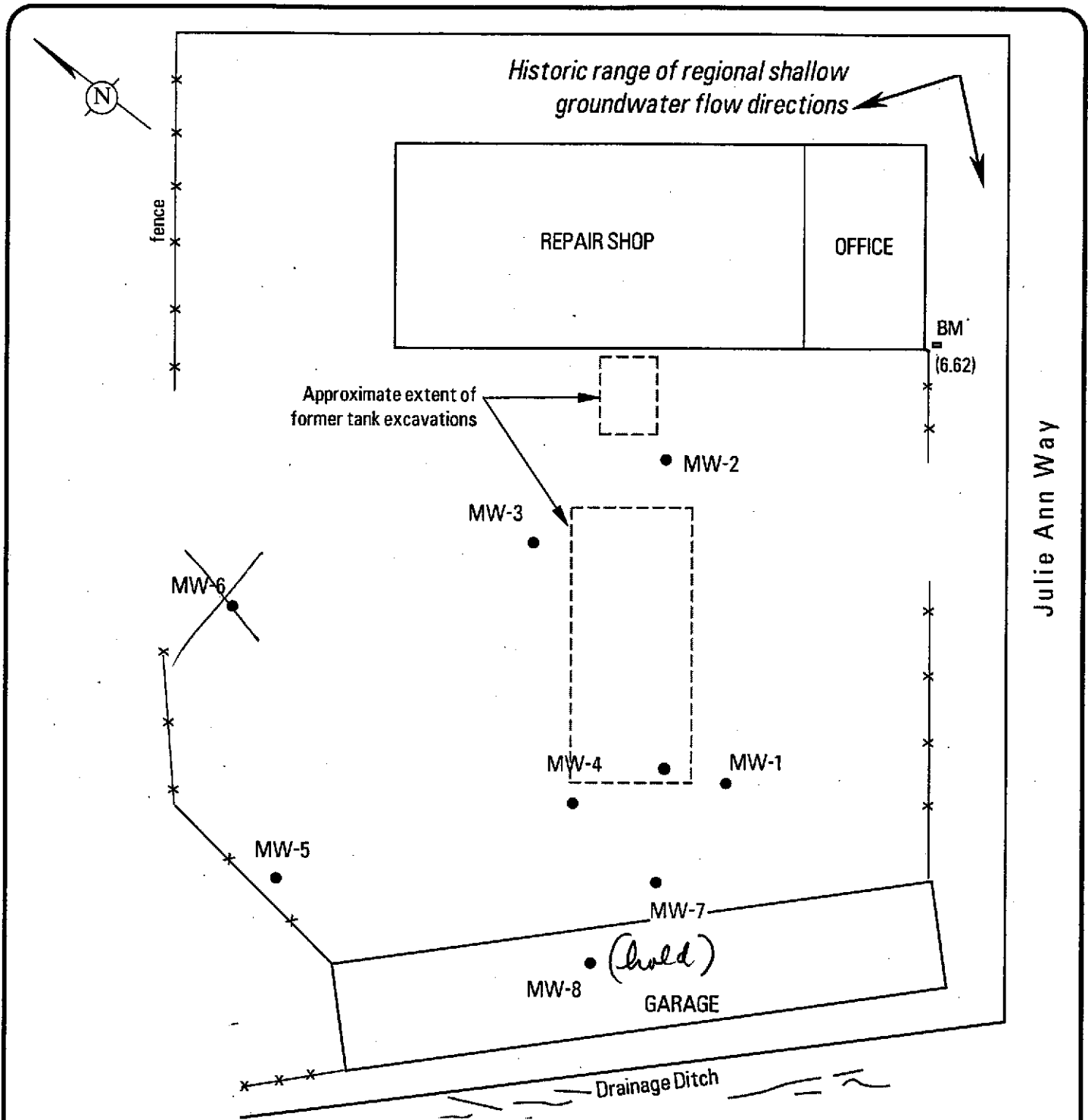


Project No. RC0019.000

SITE LOCATION MAP
 Former Penske Truck Leasing Co. Facility
 725 Julie Ann Way
 Oakland, California

FIGURE

1



EXPLANATION

- MW-1 ● Approximate location of existing groundwater monitor wells.
- = BM Survey Bench Mark (based on City of Oakland datum which is 3 feet lower than Mean Sea Level).



GERAGHTY & MILLER, INC.
Environmental Services
A Heidemij Company
Project No. RC0019.009

SITE PLAN MAP
Former Penske Truck Leasing Co.
725 Julie Ann Way, Oakland, California

FIGURE
2