

FAX TRANSMISSION

THRIFTY OIL/GOLDEN WEST
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To: Julia Shin Date: MAY 21, 1999
Fax #: (510) 337-9335 Pages: 4 (including this cover sheet)
From: Raymond C. Kralichew
Subject: SAMPLING

COMMENTS: Here is the workplan you requested.
Please review and comment. If O.K. Let
me know and next Thursday MAY 27, 1999 is
fine with me. If this is a conflict we can
re schedule the work. Sorry I took so long, I had
to get another report finished ~~the~~. Hard copy will
follow.

PLEASE NOTIFY Above AT EXT. 376 SHOULD YOU HAVE ANY PROBLEMS
WITH THIS TRANSMISSION.

THRIFTY OIL CO.

May 20, 1999

O.10366

Ms. Juliet Shin
Department of Environmental Health
Hazardous Materials Specialist
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

RE: **Thrifty Oil Co. Station #052**
20200 Hesperian Blvd.
Hayward, CA 94541
Workplan for Additional Site Assessment

Dear Ms. Shin:

Presented herein is a workplan for an additional site assessment at Thrifty Oil Co. (Thrifty) Station #052 located at 20200 Hesperian Blvd, Hayward, CA 94541 (Figure 1). This workplan is written pursuant to our telephone conversation in April 1999, in which you requested sampling beneath the dispensers. One specific dispenser to be sampled was observed on December 12, 1998 by an agency representative to be leaking gasoline. To meet your request, Thrifty will sample beneath dispensers as directed by your department. All sampling will be performed by Thrifty under the supervision of a Thrifty geologist. The site is currently being operated as a retail gasoline station by ARCO.

The objective of this workplan for an additional site assessment is to address specific items which were detailed during the telephone conversation between Raymond C. Friedrichsen and yourself. The scope of work discussed in our telephone conversation is explained in detail below.

Scope of Work

The scope of work to be completed at this site consists of the following:

- Soil samples will be collected from beneath selected gasoline dispensers located at the pump islands. An agency representative will determine which dispensers will be sampled.
- Analyze soil samples for TPH-g, BTEX, and MTBE constituents.
- Prepare a report that describes the field activities, and summarizes the findings of the investigation.



Laboratory Analysis

Laboratory analyses will be performed on the soil samples for Total Petroleum Hydrocarbons (TPH-g) using EPA method 8015 modified for gasoline, and for aromatic organic compounds benzene, toluene, ethylbenzene, and total xylenes (BTEX) and methyl-t-butyl-ether (MTBE) using EPA method 8020. If MTBE is detected by EPA method 8020, it will be verified by EPA method 8260. Detection limits will meet or exceed those established by the Cal-EPA for the above analytical methods, where appropriate. The results of the laboratory analyses will be presented in tabular form.

Sample Handling Procedures

All soil samples and handling procedures will be in accordance with Thrifty Oil Co.'s field quality assurance/quality control protocols. Soil samples will be collected from beneath the dispensers by removing about 1 foot of soil, then a soil sample will be collected for laboratory analysis using either laboratory approved glass jars or a 2 x 6 -inch brass sample liner. One end of the liner will be covered with Teflon sheeting secured in place with plastic end-cap. The open end will then be placed in the soil beneath the dispensers and pushed into the soil until the liner is full of soil, then this end will be covered with Teflon sheeting and secured in place with a plastic end-cap. The soil sample containers will be labeled with the following minimum information:

1. Sample ID number
2. Sample dispenser number
3. Date and time of sampling
4. Initials of sampler and company name
5. Analysis method(s)

The soil samples will be placed into an insulated cooler with sufficient ice to keep the internal temperature and samples at approximately 4 degrees Celsius. All samples will be transported to a state-certified analytical laboratory, American Analytics, Chatsworth, CA, under Chain-of-Custody protocol within 24 hours of sampling.

Cleaning and Decontamination

All equipment used in the collection of soil samples will be cleaned prior to each use and between subsequent sample locations to prevent cross-contamination. The procedures for cleaning/decontamination of the sampling equipment will consist of washing in a laboratory grade detergent, followed by a tap water rinse and a final deionized water rinse. A cleaning/decontamination area will be setup by Thrifty's geologist near the sampling area. All cleaning and decontamination procedures will be in accordance with Thrifty Oil Co.'s decontamination protocols.

Waste Disposal

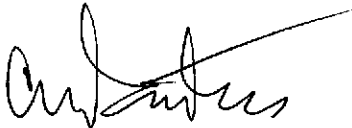
The disposal of the waste soil and water generated during the sampling activity will be placed in DOT approved containers, manifested, and removed from the site within 90 days.

Report Preparation

A report summarizing the sampling of the dispensers islands will be prepared directly by or under the direct supervision of, a registered geologist. The report will include a description of the soil lithology. A map depicting the soil sample locations, and showing the analyte constituent concentrations will also be prepared. The laboratory data will be presented in a summary table and discussed in the text of the report.

If you have any question or comments, please contact the undersigned in this workplan at (562) 921-3581.

Sincerely Yours,



Chris Panaitescu
General Manager
Environmental Affairs

c: ARCO Products Company
File