

AQUAGEOSCIENCES, INC.
Groundwater Scientists • Environmental Consultants

Fax Cover Sheet

Date: 7-14-93

To: Company: ALAMEDA COUNTY DEH

Attention: MR. BARNEY CHAN

Fax Number: (510) 569-4757

From: JOEL POTERENE

Subject: URS - OAKLAND / WASTE OIL
FILL PORT ASSESSMENT

Number of Pages: 4 (including cover page)

Comments: WE'D LIKE TO SCHEDULE THIS
FOR MID-WEEK (T-W-TH) OF
NEXT WEEK. PLEASE CALL WITH
QUESTIONS - COMMENTS - APPROVAL.

THANKS,
JOEL

**IF YOU DO NOT RECEIVE ALL THE PAGES, PLEASE CALL OUR OFFICE
AT (805) 328-0962.**

1701 Westwind Drive, Suite 101 • Bakersfield, California 93301
(805) 328-0962 • Fax (805) 328-1129

#583

50 JUL 17 1993

Mr. Barney M. Chan, Hazardous Materials Specialist
Alameda County Health Care Services Agency
80 Swan Way, Room 200
Oakland, California 94621

Re: Hand Auger Soil Assessment of Waste Oil Tank Remote Fill Line at United Parcel Service, 8400 Pardee Drive, Oakland, California

Dear Mr. Chan:

In accordance with our telephone conversation of Thursday, July 8, 1993, AquaGeosciences, Inc. (AGI) submits the following letter workplan for your records indicating the proposed location, depths, and sampling program for three (3) hand auger soil assessment borings at the above referenced UPS facility in the City of Oakland.

SCOPE OF WORK

AGI personnel will advance three (3) hand auger soil borings in the vicinity of the former waste oil tank remote fill port (Exhibit 1). The first boring (HA-1) will be located in the former location of the fill port itself and will be augered to groundwater at approximately seven (7) feet below grade.

Soil samples will be collected using a slide hammer sample driver at depths of 2 1/2 and 5 feet below ground surface (bgs). Lateral soil borings will be positioned approximately five (5) feet either side of HA-1. A four-inch diameter concrete core will be cut out of the shop floor for each of the two lateral borings (HA-2 and HA-3). These will be advanced to depths of approximately 2 1/2 feet, at which time a brass sample sleeve will be driven ahead to collect the soil sample. The soil samples thus collected will be sealed with teflon tape, plastic end caps and duct tape, labeled, placed in zip-lock plastic bags, and stored in a chilled ice chest at approximately 4° centigrade. Chain-of-Custody protocol will be followed to ensure sample integrity and traceability.

Soil samples will be analyzed for Total Oil and Grease by EPA Method 5520. Should any significant levels of hydrocarbons be found in any of the four (4) samples, that sample will also be analyzed for the full waste oil characterization which includes TPH as gasoline and diesel by EPA Method 8015 modified, volatile aromatics (BTEX) by EPA Method 8020, extractable organics by EPA Method 8270, chlorinated hydrocarbons by EPA Method 8010, and priority metals (Pb, Cr, Cd, Zn, and Ni).

E+P

Significant detectable conc.

Upon completion of the soil assessment, the auger holes will be backfilled with ready mix cement flush to surface grade. The soil cuttings will be transported to the existing spoils pile on-site for subsequent disposal. The trench that was cut to remove the fill port and line will also be backfilled and cemented flush to surface floor.

The assessment findings will be included in the addendum tank closure report to Alameda County and will include the data from the original trench sampling and the groundwater monitoring well installation. To facilitate project tracking, the above activities will all be reported under one cover, after receipt of the analytical data from the proposed hand auger borings.

Should you have any questions or comments regarding the proposed scope of work, please feel free to contact our office at (805) 328-0962. As UPS wishes to return their service bay to use as soon as possible, an expeditious review will be most appreciated. Thank you for your time and consideration in this project.

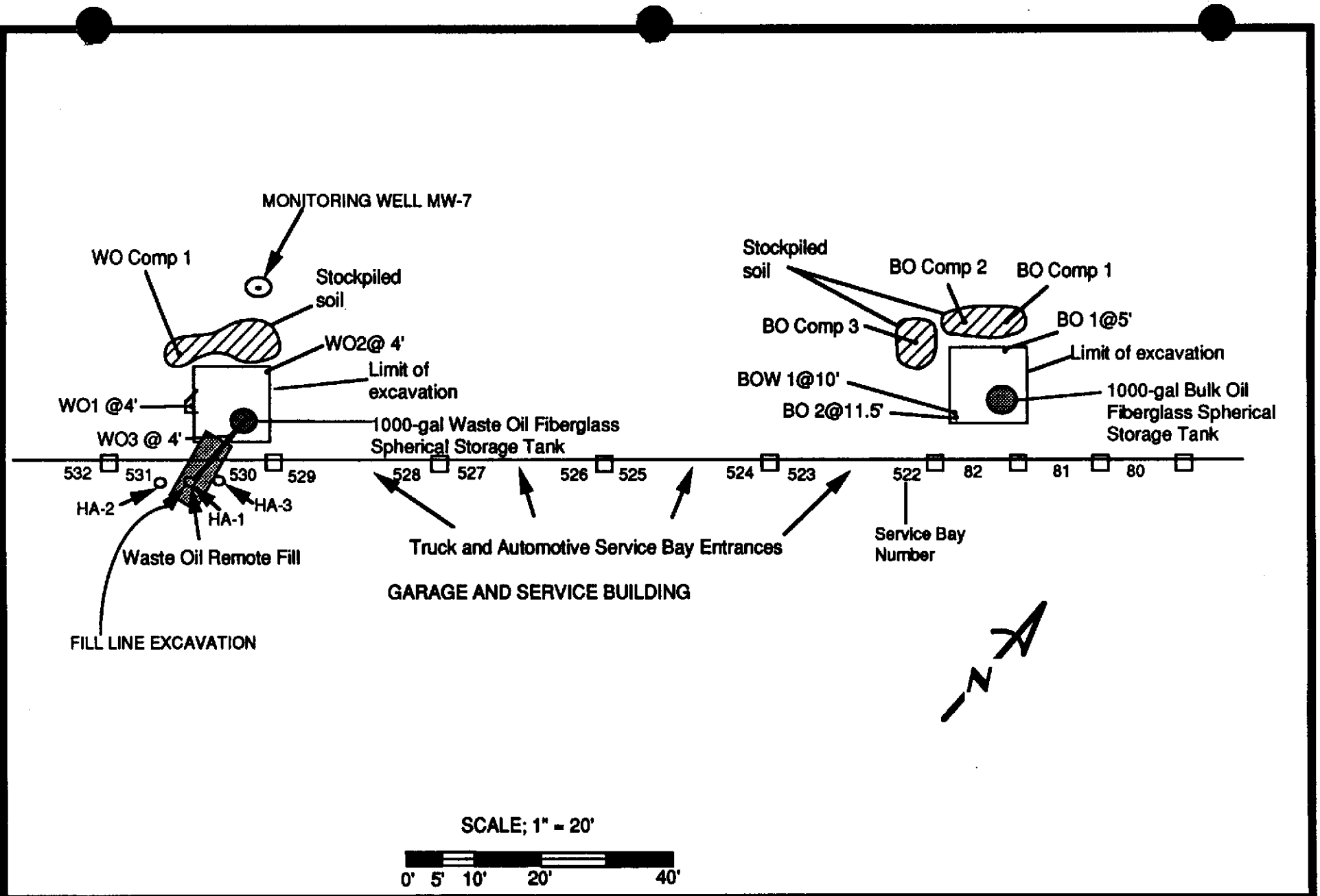
Respectfully yours,

AQUAGEOSCIENCES, INC.

Joel S. Pomerene

Joel S. Pomerene, R.G. #4724
Operations Manager

cc: Mr. Gary Mitchell - UPS Oakland



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Title
UPS REPAIR FACILITY
 Oakland, California

Exhibit