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TRANSMITTAL

TO: Mr. Donald Hwang
Alameda County Health Care Services
1131 Harbor Bay Parkway
Alameda, CA 94502

DATE: October 29, 2003
PROJECT NO. 06-459-1156-02
SUBJECT: Alameda County 76 Service Station 1156
Oakland, California

From: Jeremy Smith

OCT 31 2003
Environmental Health

WE ARE SENDING YOU:

COPIES	DATED	DESCRIPTION
1	10/29/03	Third Quarter Site Status Report

THESE ARE TRANSMITTED as checked below:

- For review and comment
- As Requested
- For Approval
- Approved as submitted
- Approved as noted
- Returned for corrections
- For your files
- For your use
- As noted below

COMMENTS:

Attached is a copy of the Third Quarter 2003 Site Status Report for the above referenced site.

Signed: 

COPIES TO: Mr. David DeWitt, ConocoPhillips, 76 Broadway, Sacramento, CA 95818
Mr. Bob Hale, Alameda County Public Works Agency, Water Resources Section, 951
Turner Court, Suite 300, Hayward, CA 94545



October 29, 2003

Mr. Donald Hwang
Alameda County Health Care Services
1131 Harbor Bay Parkway
Alameda, CA 94502

Alameda County
OCT 31 2003
Environmental Health

SITE: 76 SERVICE STATION NO. 1156
4276 MACARTHUR BOULEVARD
OAKLAND, CALIFORNIA

RE: **THIRD QUARTER 2003 SITE STATUS REPORT**

Dear Mr. Hwang:

Miller Brooks Environmental, Inc. (Miller Brooks), on behalf of ConocoPhillips, submits this quarterly site status report for 76 Service Station No. 1156, located at 4276 MacArthur Blvd., Oakland, California. This status report is submitted in accordance with the request of the San Francisco Bay – Regional Water Quality Control Board (RWQCB).

BACKGROUND

- In 1998, Tosco Marketing Company (Tosco) removed one 280-gallon used-oil underground storage tank (UST) and removed and replaced two 10,000-gallon gasoline USTs and associated piping and dispensers. Laboratory analyses of samples collected during the work detected concentrations of petroleum hydrocarbons and related constituents in soil and groundwater beneath the site.
- In 1999, Environmental Resolutions Inc. (ERI) performed a soil and groundwater evaluation including the installation of four on-site groundwater monitoring wells (MW1 through MW4). The results of the investigation indicated that the extent of petroleum hydrocarbons in soil and groundwater was not delineated.
- In July 2001, ERI installed a UST cavity backfill well (TP1) and initiated regular purging of groundwater from the UST cavity.
- In August 2001, ERI installed three off-site groundwater monitoring wells (MW5 through MW7). Total petroleum hydrocarbons as gasoline (TPHg) and methyl tertiary butyl ether (MtBE) were not detected in the soil samples and benzene was only detected in one soil sample at a concentration of 0.18 milligrams per kilogram (mg/kg).
- Groundwater is present at the site approximately 2 to 9 feet below the top of well casing with a groundwater flow towards the west/northwest to west/southwest. TPH as diesel (TPHd), TPHg, benzene, and MtBE are currently present in the groundwater at concentrations up to 7,000 micrograms per liter ($\mu\text{g/L}$), 60,000 $\mu\text{g/L}$, 6,400 $\mu\text{g/L}$ and 8,300 $\mu\text{g/L}$, respectively.

REMEDIAL ACTIVITIES SUMMARY

- Approximately 1,350 tons of soil and backfill were removed during the 1998 UST removal.

- As of September 29, 2003, approximately 254,130 gallons of groundwater have been purged from the site during the groundwater purging events.

THIRD QUARTER 2003 ACTIVITIES

The third quarter groundwater sampling event for the site was performed on July 7, 2003, and a Groundwater Monitoring and Sampling Report was submitted by Gettler-Ryan Inc. dated August 4, 2003. In addition, bi-monthly groundwater purging events from well TP-1 removed a reported total of approximately 18,800 gallons of groundwater from the site during the third quarter 2003.

WASTE DISPOSAL SUMMARY

Approximately 18,800 gallons of groundwater removed during bi-monthly purging activities were treated and disposed of at the ConocoPhillips refinery located in Rodeo, California.

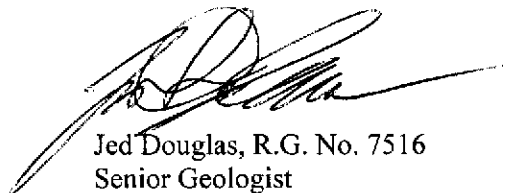
PLANNED ACTIVITIES FOR FOURTH QUARTER 2003

The well network will be sampled and a Groundwater Monitoring and Sampling Report will be submitted. In addition, bi-monthly groundwater purging events will continue at the site. Pending approval of the May 2003 Work Plan submitted by ERI, Miller Brooks plans to advance the 8 proposed offsite soil borings.

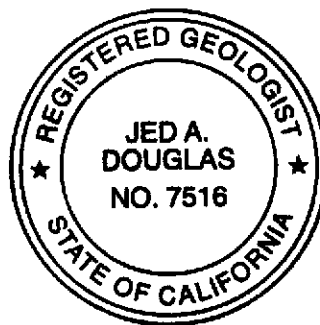
If you have any questions, please contact Mr. David Vossler at (707) 765-0466 or Mr. David DeWitt of ConocoPhillips at (916) 558-7666.

Sincerely,

MILLER BROOKS ENVIRONMENTAL, INC.

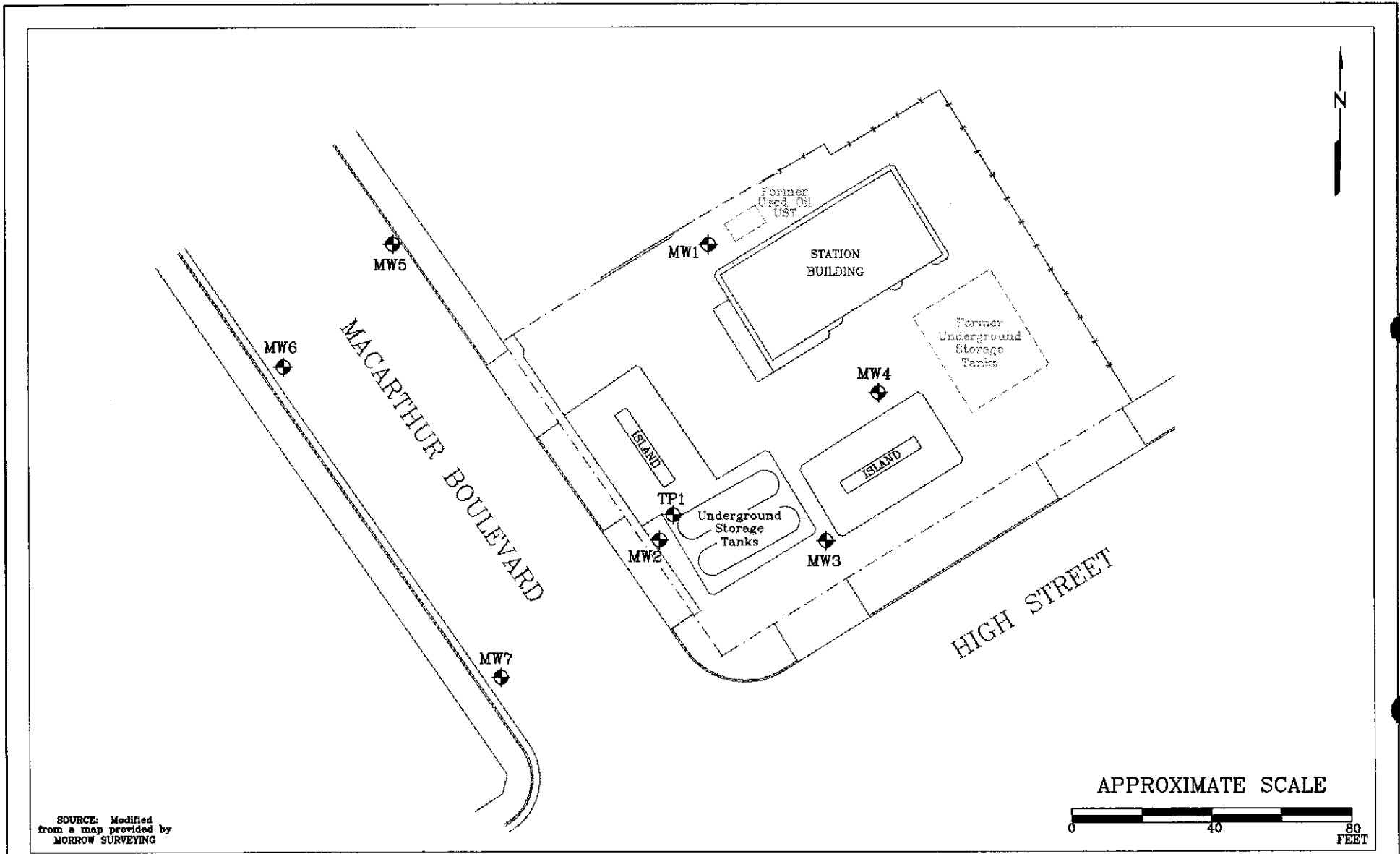


Jed Douglas, R.G. No. 7516
Senior Geologist



Attachment: Site Plan

cc: Mr. David B. DeWitt, ConocoPhillips
Mr. Bob Hale, Alameda County Public Works Agency, Water Resources Section,
951 Turner Court, Suite 300, Hayward, CA 94545



SOURCE: Modified from a map provided by MORROW SURVEYING



FN 2235003A



GENERALIZED SITE PLAN

76 SERVICE STATION 1156
4276 MacArthur Boulevard
Oakland, California

EXPLANATION

- MW7
 Groundwater Monitoring Well
- TP1
 Tank Pit Backfill Well

PROJECT NO.

2235

PLATE

2

December 18, 2001