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Alameda County

MAY 03 2004



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Petaluma, CA 94954
Phone (707) 765-0466, Fax (707) 765-0366

TRANSMITTAL

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

DATE:
PROJECT NO.
SUBJECT:

April 27, 2004
06-459-1156-04
76 Service Station 1156
Oakland, California

From: Jeremy Smith

WE ARE SENDING YOU:

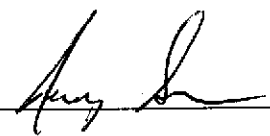
COPIES	DATED	DESCRIPTION
1	4/27/04	First Quarter Site Status Report

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 First Quarter 2004 Site Status Report for the above referenced site.

Signed: 

COPIES TO: Mr. Thomas Kosel, ConocoPhillips, (electronic copy)
Mr. Bob Hale, Alameda County Public Works Agency, Water Resources Section, 951
Turner Court, Suite 300, Hayward, CA 94545



Alameda County
Alameda
MAY 03 2004
Environmental Health
Enviro

April 27, 2004

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

RE: **Quarterly Summary Report-First Quarter 2004**
Miller Brooks Environmental, Inc. Project No.: 06-459-1156-04

Dear Mr. Hwang:

On behalf of ConocoPhillips Company (ConocoPhillips), Miller Brooks Environmental, Incorporated (Miller Brooks) is forwarding the quarterly summary report for the following location:


Service Station

76 Service Station No. 1156
COP NO. WNO.1112

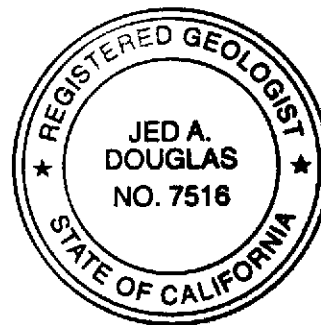
Location

4276 MacArthur Boulevard
Oakland, California

Sincerely,
Miller Brooks Environmental, Incorporated



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



Attachment: Site Plan

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

QUARTERLY SUMMARY REPORT
First Quarter 2004

Environmental Health

76 Service Station No. 1156
4276 MacArthur Boulevard
Oakland, California

City/County ID #: Oakland

County: Alameda

PREVIOUS ASSESSMENT

In 1998, Tosco Marketing Company (Tosco, now ConocoPhillips) 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).

SENSITIVE RECEPTORS

In 2001, a GeoTracker® database search, conducted by ERI, revealed four public water supply wells, owned by the East Bay Regional Park District (Park District), within a ½ mile radius of the site. Representatives from the Park District were reported to have no knowledge or records of any wells located in this area and indicated that the wells may belong to the East Bay Municipal Utility District (EBMUD); however, EBMUD were also reported to have no knowledge or records of any wells located in this area.

A 2001 Department of Water Resources (DWR) database search conducted by ERI revealed four water supply wells, belonging to Mills College, within the search radius. A representative from Mills College indicated that all wells associated with Mills College had been destroyed approximately ten years ago (1991) and that Mills College is now connected to a municipal water supply. The DWR search also revealed a well located at 3397 Arkansas Street, approximately 880 feet outside of the search radius. No other wells, surface water-bodies, or potentially sensitive environmental habitats were identified during ERI's field receptor survey.

MONITORING AND SAMPLING

During the most recent groundwater monitoring and sampling event, conducted on January 14, 2004, groundwater was present at depths ranging from 2.0 to 6.97 feet below the top of casing (TOC). The groundwater flow direction was reported towards the west with a gradient of 0.046 ft/ft. During the January 14, 2004 sampling event, TPHg, benzene, and MTBE were present at concentrations up to 98,000, 8,000, and 25,000 micrograms per liter ($\mu\text{g/L}$), respectively.

REMEDIATION STATUS

Approximately 1,350 tons of soil and backfill were removed during the 1998 UST removal. As of December 19, 2003, approximately 303,330 gallons of groundwater have been purged from the site during the groundwater purging events.

CHARACTERIZATION STATUS

Groundwater at the site does not appear to be delineated. A former shell service station was located downgradient of the site.

RECENT CORRESPONDENCE

There was no correspondence during the first quarter 2004.

THIS QUARTER ACTIVITIES (First Quarter 2004)

1. The first quarter groundwater sampling event for the site was performed by TRC Companies (TRC).
2. In addition, bi-monthly groundwater purging events from well TP-1 were temporarily suspended while refinery disposal characterization was performed.

WASTE DISPOSAL SUMMARY

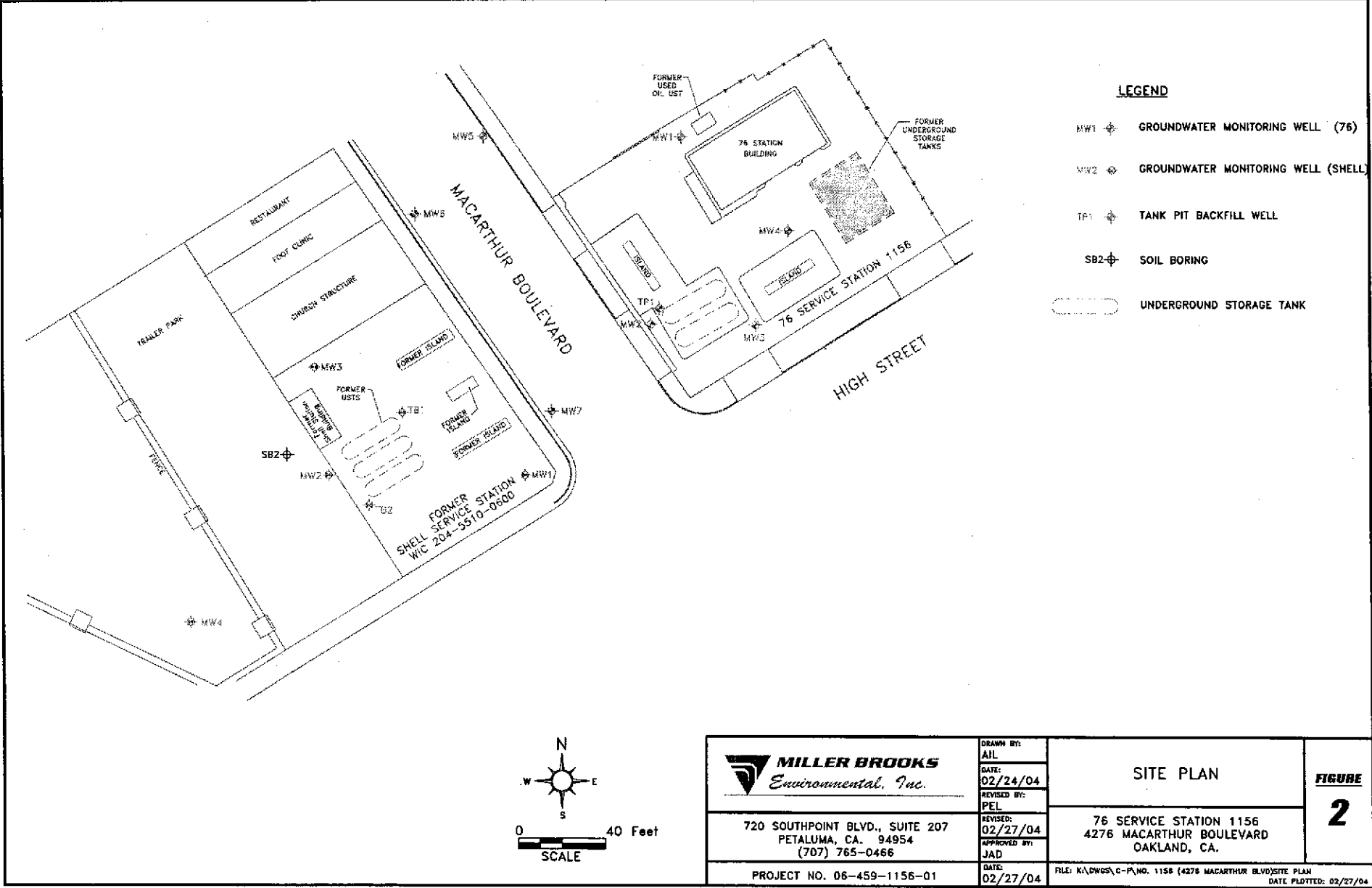
No waste was generated during the reporting period.

NEXT QUARTER ACTIVITIES (Second Quarter 2004)

1. The well network will be sampled and a Groundwater Monitoring and Sampling Report will be submitted by TRC.
2. In addition, bi-monthly groundwater purging events will resume at the site and will be performed on wells TP-1, MW-1, and MW-7.
3. Miller Brooks plans to prepare and submit a Corrective Action Plan (CAP) for the site.

CONSULTANT: Miller Brooks Environmental, Incorporated

06-01.dwg - 02/27/04



	DRAWN BY: AIL	SITE PLAN	FIGURE 2
	DATE: 02/24/04		
720 SOUTHPOINT BLVD., SUITE 207 PETALUMA, CA. 94954 (707) 765-0466	REVISOR: PEL	76 SERVICE STATION 1156 4276 MACARTHUR BOULEVARD OAKLAND, CA.	FILE: K:\DWG\C-C-P\NO. 1156 (4276 MACARTHUR BLVD)\SITE PLAN DATE PLOTTED: 02/27/04
PROJECT NO. 06-459-1156-01	REVISIONS: 02/27/04 APPROVED BY: JAD		