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MILLER BROOKS Environmental, Inc.

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TRANSMITTAL

TO: Mr. Amir Gholami
Alameda County Dept. of Public Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

From: Jeremy Smith

DATE: January 30, 2004
PROJECT NO. 06-459-0843-02
SUBJECT: 76 Service Station 0843
Alameda, California

WE ARE SENDING YOU:

COPIES	DATED	DESCRIPTION
1	1/30/04	Fourth 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 Fourth Quarter 2003 Site Status Report for the above referenced site.

Signed: _____

COPIES TO: Mr. Thomas Kosel, ConocoPhillips, 76 Broadway, Sacramento, CA 95818
Mr. George Leyva, RWQCB – SF Bay Region, 1515 Clay Street Suite 1400, Oakland, CA 94612

MILLER BROOKS
Environmental, Inc.

January 30, 2004

Mr. Amir Gholami
Alameda County Department of Public Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

SITE: 76 SERVICE STATION NO. 0843
1629 WEBSTER STREET
ALAMEDA, CALIFORNIA
COP NO. WNO. 2807

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

Dear Mr. Gholami:

Miller Brooks Environmental, Inc. (Miller Brooks), on behalf of ConocoPhillips, submits this quarterly site status report for 76 Service Station No. 0843, located at 1629 Webster Street, Alameda, California. This status report is submitted in accordance with the request of the San Francisco Bay – Regional Water Quality Control Board (RWQCB).

BACKGROUND

- In June 1998, Tosco Marketing Company (Tosco), now ConocoPhillips, removed two 10,000-gallon gasoline underground storage tanks (USTs), one 550-gallon used-oil UST, product lines, and dispensers. Two holes approximately ¾-inch in diameter were observed in the used-oil tank during removal. No holes or other evidence of leakage were observed in the remaining tanks or piping. Low levels of hydrocarbon impact was reported in the soil samples collected during UST removal activities.
- In March 1999, Environmental Resolutions Inc. (ERI) installed four on-site groundwater monitoring wells (MW1 through MW4) at the subject site.
- In December 1999, ERI installed two off-site monitoring wells (MW5 and MW6) at the subject site.
- In March 2001, ERI performed an underground utility survey to identify and locate underground utility lines beneath and in the vicinity of the site that may provide potential preferential pathways for groundwater flow.
- In May 2001, ERI advanced five direct-push soil borings (GP1 through GP5), to evaluate whether underground utility trenches in the vicinity of the site may provide preferential pathways for groundwater flow and the migration of dissolved hydrocarbons. The results of the investigation indicated that there was insufficient evidence to suggest that underground utility lines were providing preferential pathways for the off-site migration of dissolved petroleum hydrocarbons.
- In December 1999, ERI advanced twelve direct-push soil borings (GP6 through GP17) to further assess the extent of residual hydrocarbons in the vadose zone beneath the site. The results of the investigation indicated that the extent of residual hydrocarbons detected during previous investigations is limited and that remedial action for residual gasoline hydrocarbons at the site is not warranted.

- In June and July 2002, ERI conducted a groundwater receptor survey. Three irrigation wells were located within a ½ mile of the site. The wells are reportedly located approximately 1,980 feet west, 2,245 feet west, and 2,245 feet southwest of the site, cross or upgradient of the site.
- In December 2002, ERI destroyed one on-site monitoring well (MW2), performed a remedial excavation of hydrocarbon-impacted soil in the vicinity of the former eastern dispenser island, and replaced former well MW2 with on-site backfill monitoring well MW2A.
- Quarterly groundwater monitoring and sampling were initiated in March 1999. Groundwater is present approximately 4 to 8 feet below ground surface with a flow direction reported towards the north/northeast. Total petroleum hydrocarbons as gasoline (TPHg), and methyl tertiary butyl ether (MTBE) are currently present at the site up to 1,600 micrograms per liter (µg/L) and 4,100 µg/L, respectively. Benzene was not detected during the most recent sampling event.
- ERI submitted a *Request and Work Plan for Case Closure* to the Alameda County Health Care Services Agency, dated September 10, 2003. The report summarizes why no further action is needed for the site, and details plans to destroy the existing wells upon regulatory acceptance for no further action.

REMEDIAL ACTIVITIES SUMMARY

- Approximately 338 tons of hydrocarbon impacted soil and backfill were removed from beneath the former USTs, dispensers, and product lines during UST removal activities at the site.
- Approximately 292 tons of hydrocarbon-impacted soil was removed from beneath the former eastern dispenser island during the December 2002 excavation.

FOURTH QUARTER 2003 ACTIVITIES

No environmental activities were performed during the fourth quarter 2003.

WASTE DISPOSAL SUMMARY

No waste was generated during this reporting period.

PLANNED ACTIVITIES FOR FIRST QUARTER 2004

The monitoring well network will be properly destroyed and a report detailing the destruction activities will be submitted upon receipt of regulatory closure for the site.

If you have any questions, please contact Mr. David Vossler at (707) 765-0466 or Mr. Thomas Kosel of ConocoPhillips at (916) 558-7666 or (918) 661-3896 (Bartlesville, OK).

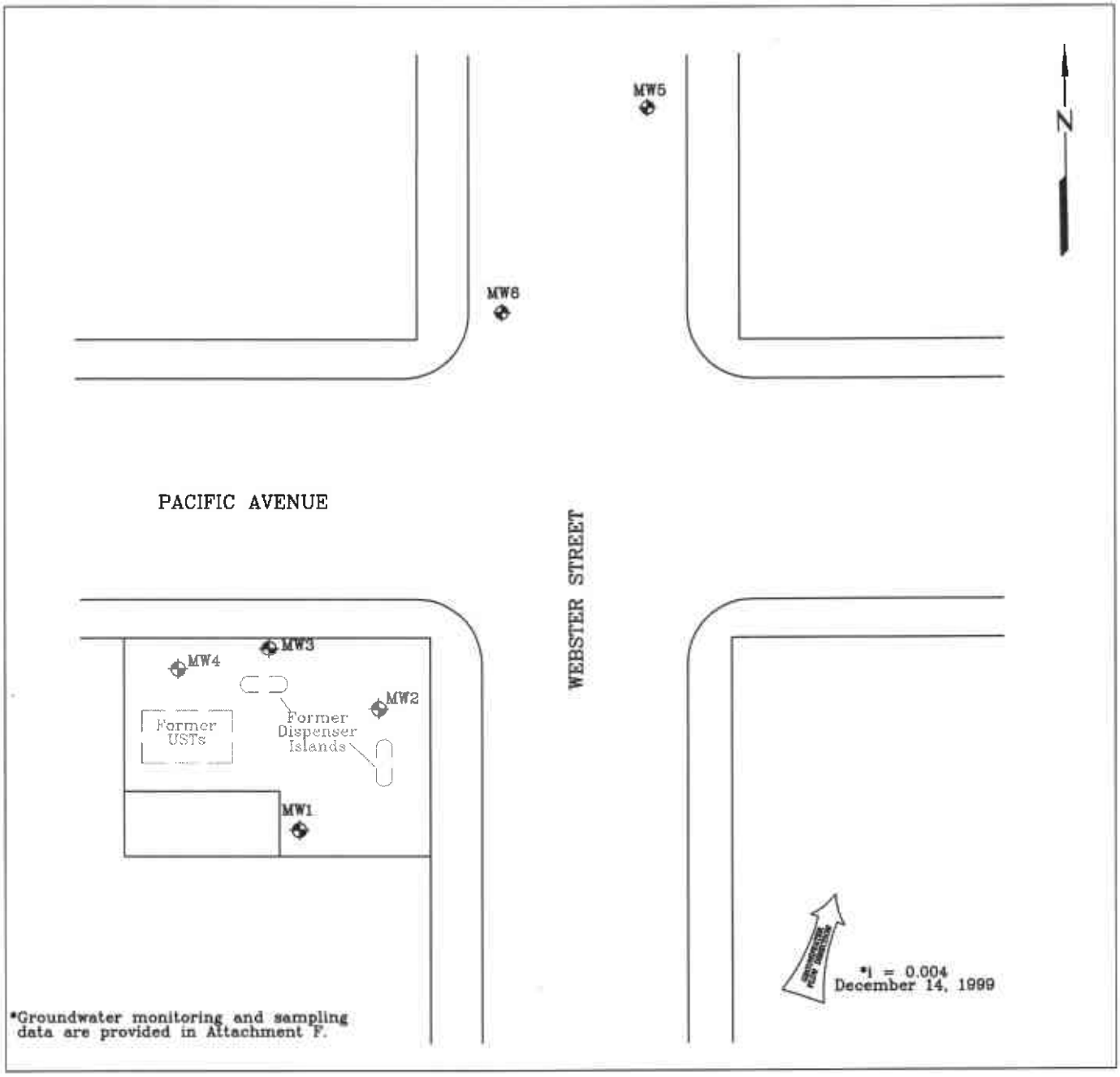
Sincerely,

MILLER BROOKS ENVIRONMENTAL, INC.

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

Attachment: Site Plan

cc: Mr. Thomas Kosel, ConocoPhillips
Mr. George Leyva, RWQCB, 1515 Clay Street Suite 1400, Oakland, CA 94612



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EXPLANATION

SOURCE:
Modified from a map provided by North American Title Company

APPROXIMATE SCALE

0 60 120
FEET

ENVIRONMENTAL RESOLUTIONS, INC.

GENERALIZED SITE PLAN

FORMER TOSCO 76 SERVICE STATION 0843
1629 Webster Street
Alameda, California

PROJECT NO.
2248

PLATE
2

December 9, 1999