

ALCO
HAZMAT

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January 25, 1994

9-042.2

Ms. Juliet Shin
Alameda County Health Care Services
Department of Environmental Health
UST Local Oversight Program
80 Swan Way, Room 200
Oakland, CA 94621

New Contact:

Francis
Maroufi

Re: BP Service Station No. 11270, 3255 Mecartney Road, Alameda, CA

Dear Ms. Shin,

The following presents a brief workplan for investigative activities proposed for completion at the above-referenced location (Figure 1).

Status:

A Phase I Environmental Investigation was completed in November, 1992. The results of this effort were presented in the Hydro-Environmental Technologies, Inc.'s (HETI's) Preliminary Site Assessment Report dated January 7, 1993. As presented in the report, concentrations of petroleum hydrocarbons were detected in the ground water samples collected from monitoring wells MW-2 and MW-4. These wells, along with MW-1 and MW-3 were present at the site prior to the initiation of this assessment. **Monitoring wells MW-1 and MW-3 were not sampled due to inadequate well recharge.**

A Phase II Environmental Investigation was completed in June, 1993. The results of this effort will be presented in the HETI's Phase II Subsurface Investigation Report, which is currently being finalized.

Workplan for Additional Assessment:

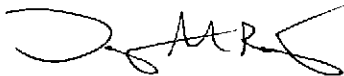
- Obtain information pertaining to construction detail and historical sampling of monitoring wells surrounding the site on Harbor Bay Landing property. This information has not been found in either Alameda County or Regional Board files. There is a possibility that this information does not exist in any accessible file.

1/31/94 Spoke to Tony Lancia & suggested that he look into whether monitoring wells are constructed properly & are accessible, before installing first one well. JS

- Permit and destroy monitoring wells MW-1, MW-2, MW-3 and MW-4, and install one monitoring well to replace them. Due to the close proximity of the on-site monitoring wells, it is believed that only one monitoring well is needed to adequately replace those being destroyed. The proposed monitoring well will be finished as a four-inch diameter well in order to enable the completion of an aquifer test at a later date, if desired.
- The four monitoring wells will be drilled out, and the new monitoring well will be installed in the same location as the current monitoring well MW-2 (Figure 2). Since the new monitoring well will be installed in the same borehole as an existing well, no soil samples will be collected during this phase of investigation. A composite soil sample will be collected from the drill cuttings for disposal purposes.
- All on-site and off-site wells will be surveyed, sampled and monitored. Ground water samples collected will be analyzed for concentrations of contaminants detected during the preliminary site assessment (diesel and gasoline constituents). The results of this phase of investigation will be presented in a brief report. The report will include all the pertinent information with regard to local ground water gradient and hydrocarbon distribution. This report will also serve to satisfy quarterly monitoring requirements. A comprehensive Problem Assessment Report drafted in accordance with local and state standards will be prepared following complete characterization of the site.

Methodologies to be employed during this phase of site assessment will be executed in accordance with protocols attached to the Preliminary Site Assessment Report. Permit applications for well destruction and installation are currently in preparation.

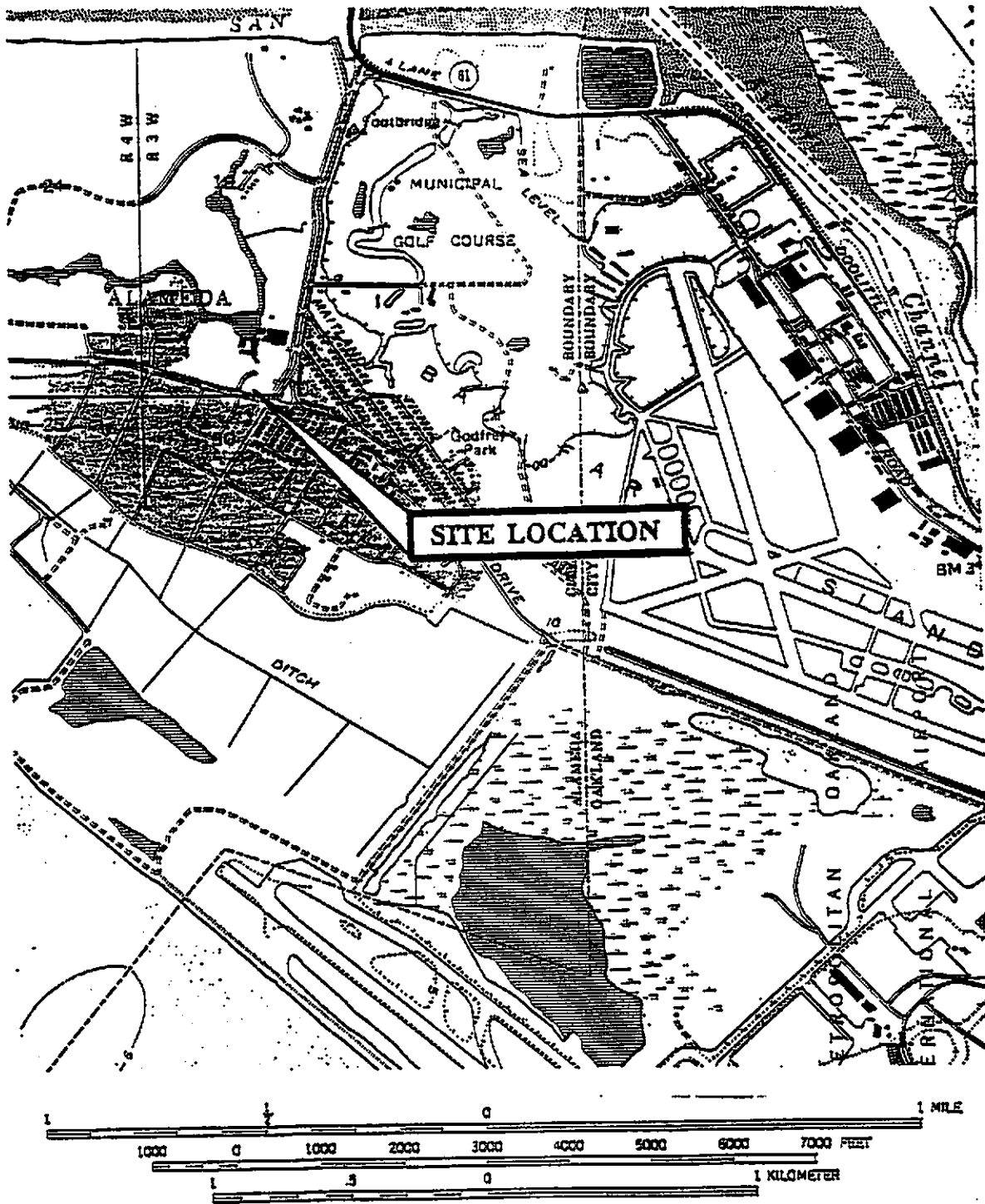
Very truly yours,
HYDRO-ENVIRONMENTAL TECHNOLOGIES, INC.



Tony M. Ramirez
Project Manager

attachments

cc. Richard Hiatt, RWQCB, Oakland, CA.
Mr. Scott Hooton, BP Oil Company, Renton, WA.



SOURCE: USGS QUADRANGLE 7.5 MINUTE SERIES
 ENTITLED: SAN LEONARDO, CALIFORNIA
 SCALE: 1:24,000

NORTH

HYDR -
ENVIR -
TECHN -
LOGIES, INC.

SITE LOCATION MAP
 BP Service Station No. 11270
 3255 Mecartney Road
 Alameda, California

Figure
1


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HARBOR BAY LANDING
SHOPPING MALL
PARKING LOT

HARBOR BAY LANDING
SHOPPING MALL
PARKING LOT

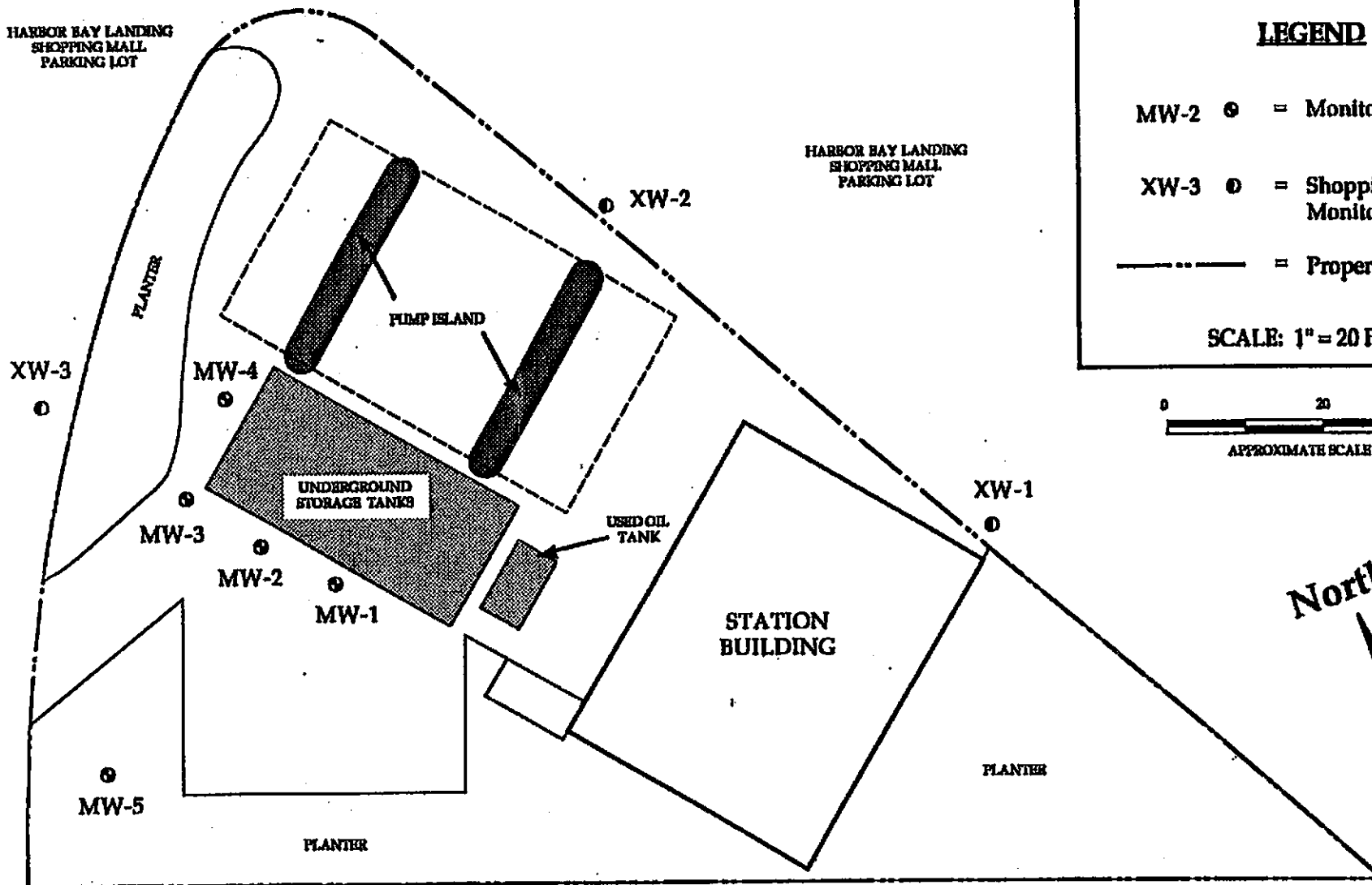
LEGEND

MW-2  = Monitoring Well

XW-3  = Shopping Mall
Monitoring Well

 = Property Boundary

SCALE: 1" = 20 FEET



MECARTNEY ROAD

HYDR  -
ENVIR  NMENTAL
TECHN  LOGIES, INC.

SITE PLAN

BP Service Station No. 11270
3255 Mecartney Road
Alameda, California

Figure

2

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