GROUNDWATER TECHNOLOGY, INC.
1401 Halyard Drive, Suite 140, West Sacramento, CA 95691, (916) 372-4700
FAX (916) 372-8781

May 31, 1995

Mr. Brett Hunter
Chevron U.S.A. Products Company
6001 Bollinger Canyon Road, Building L
San Ramon, California 94583

Subject: Addendum to *Work Plan for Additional Groundwater Assessment* dated 3/30/95
Chevron Service Station No. 9-5542
7007 San Ramon Road
Dublin, California
GTI Project 02070 0156

Dear Mr. Hunter:

Groundwater Technology, Inc. submits this letter as an addendum to the *Work Plan for Additional Groundwater Assessment*, dated March 30, 1995, at Chevron service station number 9-5542 located at 7007 San Ramon Road in Dublin, California. The scope of work in the March 1995 work plan includes the drilling and sampling of one soil boring, installation of a groundwater monitoring well in the boring, and preparation of an assessment report summarizing the methods and results of the work performed. This addendum outlines additional work steps to be included prior to completion of the work described in the March 30, 1995 work plan.

In order to more precisely locate the proposed monitoring well (MW-10) near the downgradient boundary of the dissolved hydrocarbon plume, grab groundwater samples will be collected from temporary wells installed in three 2.5-inch Geoprobe borings located between MW-9 and proposed MW-10 (Figure 1). The Geoprobe borings will be installed two to three feet below first groundwater, or approximately 25-28 feet below ground surface. Groundwater samples will be collected from the borings using temporary wells constructed of 1.5-inch-diameter PVC well casing and 0.010-inch-slot well screen. Groundwater samples will be collected by lowering a clean, small-diameter bailer in each temporary monitoring well. All Geoprobe and sampling equipment will be steam cleaned between each boring. Groundwater samples will be placed on ice in an insulated container and shipped under chain-of-custody manifest to a State certified analytical laboratory for analysis. The groundwater samples collected from the Geoprobe borings will be analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX), and total petroleum hydrocarbons-as-gasoline (TPH-G) by EPA methods 5030/8020/modified 8015.

The Geoprobe boring method provides soil core sample recovery without generating drill cuttings. Any unused soil samples will be stored in a Department of Transportation (DOT)-approved 5-gallon pail on site. Water generated by steam cleaning will be stored in a DOT-approved 55-gallon drum on site. Water and soil generated by the Geoprobe borings will be removed with cuttings and water generated during subsequent well installation. After groundwater samples have been collected, temporary wells will be removed and each boring will be backfilled to the surface using neat cement.

Laboratory analytical results of groundwater samples collected from the Geoprobe borings will be used to adjust the location of the proposed monitoring well near the downgradient boundary of the dissolved hydrocarbon plume, if needed.

Please contact our West Sacramento office at 916-372-4700 if you have questions regarding this letter.

Sincerely,
Groundwater Technology, Inc.
Submitted by:

Jason M. Fedota
Staff Geologist
Project Manager

Groundwater Technology, Inc.
Approved by:

E. K. Simonis, R.G.
Senior Geologist

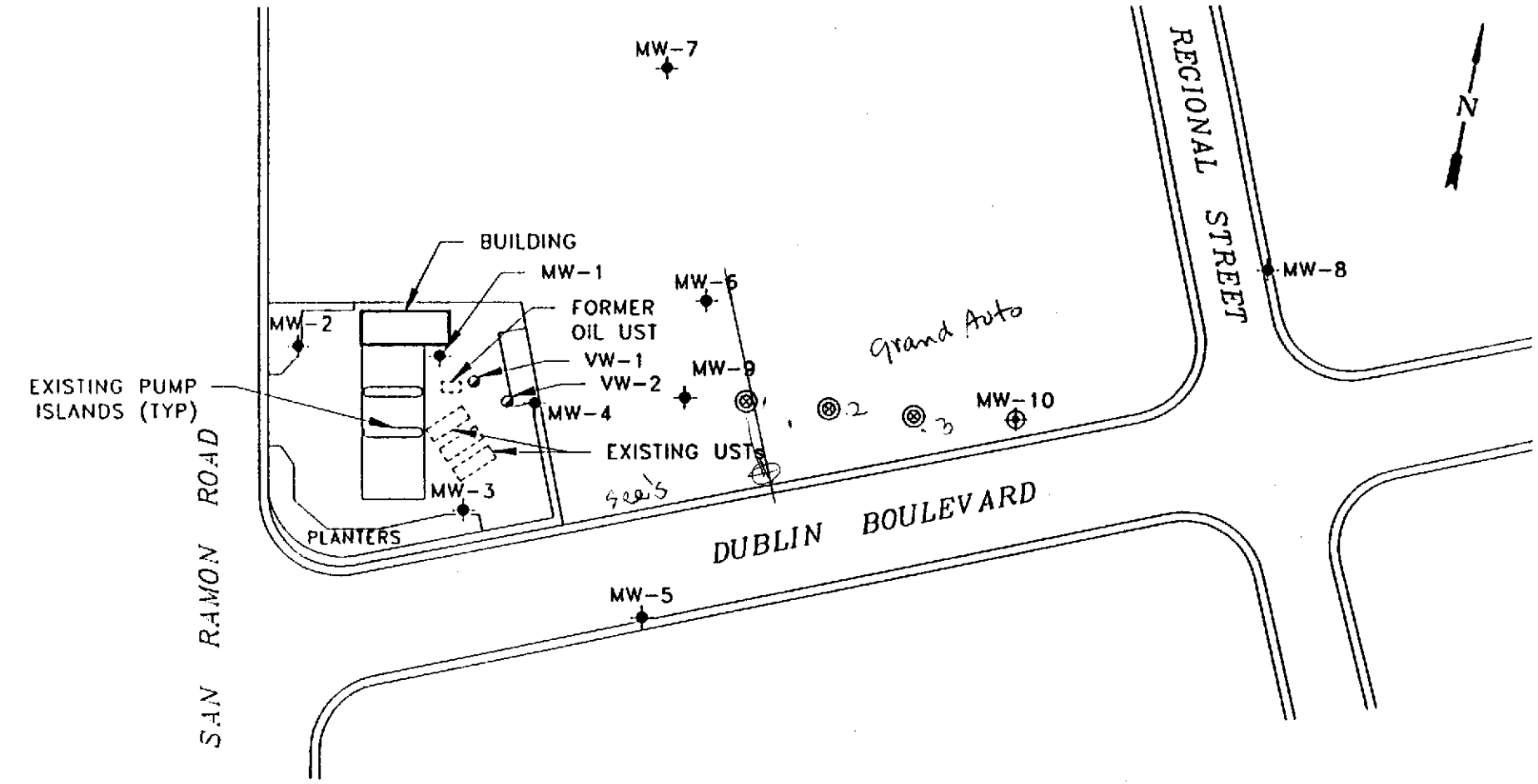
REGISTERED GEOLOGIST
EDVARDAS (ED) K. SIMONIS
No. 4422
STATE OF CALIFORNIA

Attachment

1. Figure 1

0156add.ltr(Chv-97)

GROUNDWATER TECHNOLOGY



LEGEND

- MONITORING WELL LOCATION
- VADOSE WELL LOCATION
- PROPOSED MONITORING WELL LOCATION
- PROPOSED GEOPROBE WATER SAMPLING LOCATION

GROUNDWATER TECHNOLOGY	0 FEET 100 SCALE	CLIENT: CHEVRON U.S.A. PRODUCTS CO. SERVICE STATION NO. 9-5542	SITE PLAN
FILE: 0156SMA (1:100)	PROJECT NO.: 02070-0156	LOCATION: 7007 SAN RAMON ROAD DUBLIN, CALIFORNIA	PM:
REV.:	DES.: JF / DET.: JF / DATE: 5/31/95		PE/RG: FIGURE: 1