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June 6, 2006
Project SJ52-51H-1.2006
SAP #: 135785

Mr. Jerry Wickham
Environmental Health Services – Environmental Protection
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: **Work Plan for Installation of Off-site Well S-9
Shell Service Station
5251 Hopyard Road
Pleasanton, California**

Dear Mr. Wickham:

Delta Environmental Consultants, Inc. (Delta), on behalf of Shell Oil Products US (Shell), has prepared this Work Plan for the installation of off-site Well S-9 as requested by the Alameda County Health Care Services Agency (ACHCSA) in a letter to Shell dated March 30, 2006.

Background

In August 2005, borings CPT-2 and CPT-3 were advanced offsite and collected ground water samples from 40 and 80 foot zones, but were unable to collect groundwater samples from the 25 foot zone. No analytes were detected from offsite groundwater collected from CPT borings. On February 22, 2006, two geoprobe borings (GP-6 and GP-7) were advanced north of the site to collect groundwater samples from the 25 foot level. See Figure 1 for boring locations. A grab water sample was collected at 22 feet in GP-6 and at 26 feet in GP-7. Samples were analyzed for total petroleum hydrocarbons as gasoline (TPH-G), benzene, toluene, ethylbenzene and total xylenes (BTEX compounds), methyl tert-butyl ether (MTBE) and tertiary butyl alcohol (TBA). The groundwater sample from GP-6 contained TPH-G at a concentration of 78 ug/l and MTBE at a concentration of 73 ug/l. No other analytes were detected in GP-6 and no analytes were

detected in the sample from GP-7. In the Site Conceptual Model submitted to ACHCSA in March 2006, Delta proposed to install one additional off site monitoring well (S-9) to monitor MTBE concentrations in groundwater east of the site.

Description of Methods

Delta will obtain drilling permits from the Zone 7 Water District for the installation of monitoring Well S-9. Delta will also modify the existing access agreement with the owners of the off-site property located at 4780 Chabot Drive in Pleasanton, California.

Prior to conducting any field work at the site, Delta will prepare a site specific Health and Safety Plan (HASP). The Delta field geologist on-site will review the HASP with site subcontractors at the start of each work day.

Groundwater Monitoring Well S-9

Delta proposes to install one additional off site monitoring well east of the site. Well S-9 will be constructed to monitor the groundwater encountered within the shallow zone. Delta proposes to construct well S-9 as a 2 inch PVC well with a 10 foot screened interval from 10 to 20 feet below grade (bg).

Prior to drilling, the borehole location will be surveyed by a geophysical locator and marked for underground utilities. Underground Services Alert (USA) will be notified of the proposed borings a minimum of 48-hours before Delta begins work at the site. Soil samples will be collected from the boring for the new well in brass liners at five foot intervals to the total depth of the boring. Soil types will be logged by a Delta field geologist. Soil will be analyzed in the field with a photo-ionization detector (PID), and readings from the soil will be recorded on the field logs. Soil samples with elevated PID readings (>30 parts per million by volume) will be retained for laboratory analysis. The retained soil samples will be capped with Teflon tape and tight fitting end caps and placed on ice for transport to Test America Sequoia Analytical in Morgan Hill, California. Any soil samples retained will be analyzed for TPH-G, BTEX compounds, MTBE, and TBA by EPA Method 8260B

New well S-9 will be developed and added to the quarterly groundwater monitoring program already in place for the site.

REMARKS

The recommendations contained in this report represent Delta's professional opinions based upon the currently available information and are arrived at in accordance with currently acceptable professional standards. This report is based upon a specific scope of work requested by the client. The Contract between Delta and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report were performed. This report is intended only for the use of Delta's Client and anyone else specifically listed on this report. Delta will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Delta makes no express or implied warranty as to the contents of this report.

June 6, 2006

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If you have any questions regarding this site, please contact Rebecca Wolff of Delta at (408) 826-1868, or Mr. Denis Brown (Shell project manager) at (707) 865-0251.

Sincerely,

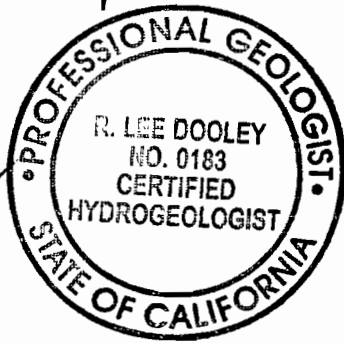
DELTA ENVIRONMENTAL CONSULTANTS, INC.

Rebecca Wolff

Rebecca Wolff
Project Geologist

R. Lee Dooley

R. Lee Dooley
Senior Hydrogeologist
CHG 0183

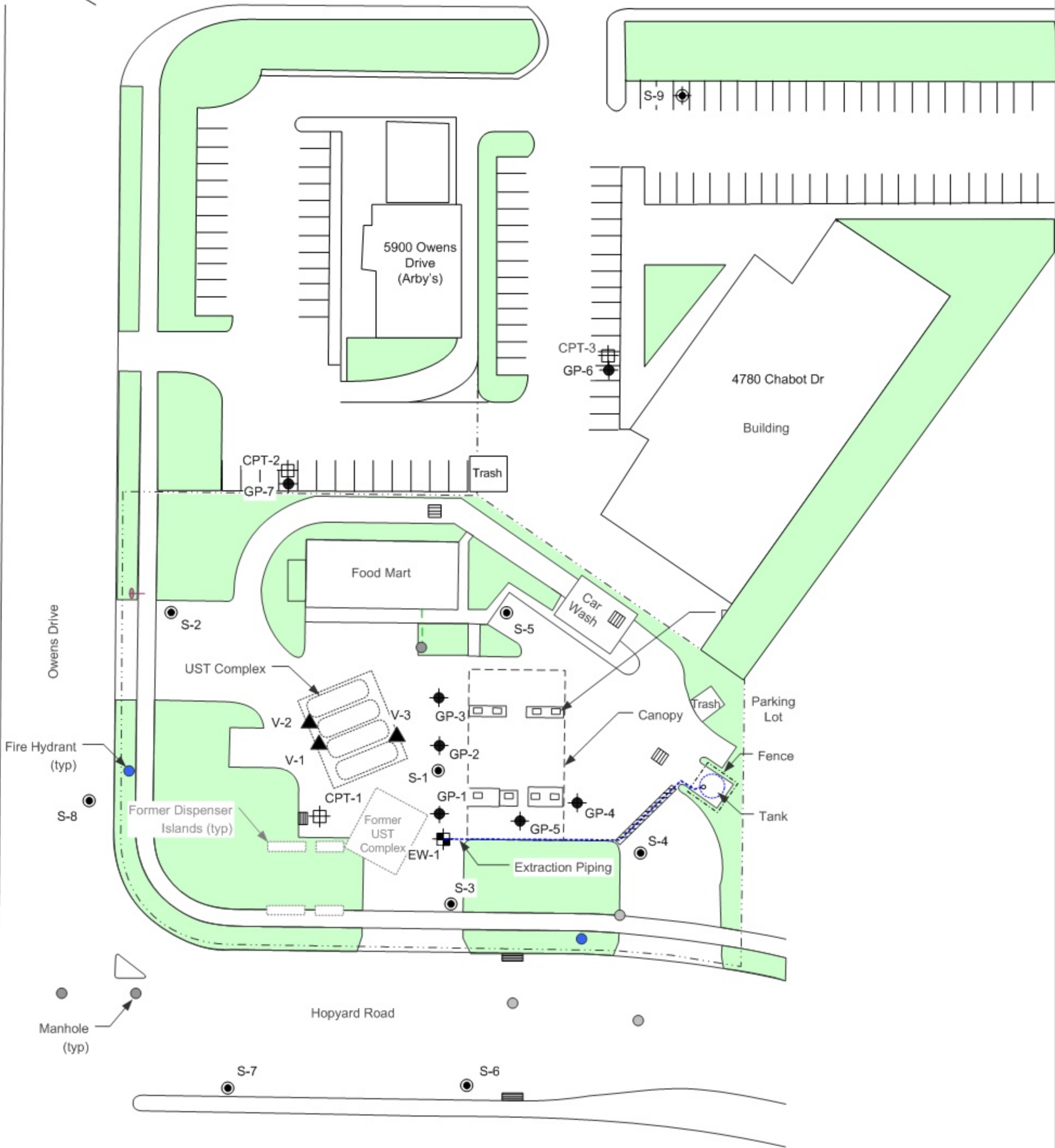


Attachments:

Figure 1 – Site Map

cc: Denis Brown, Shell Oil Products US, Monte Rio
Matt Katen, Zone 7 Water District

North



LEGEND

- EW-1  **EXTRACTION WELL**
-  **BAKER TANK**
- S-1  **GROUNDWATER MONITORING WELL**
- V-3  **SOIL VAPOR EXTRACTION WELL**
- GP-2  **SOIL BORING**
- CPT-1  **CPT BORING AND SAMPLING LOCATION**
- S-9  **PROPOSED MONITORING WELL**

FIGURE 1	
SITE MAP	
SHELL-BRANDED SERVICE STATION 5251 Hopyard Road Pleasanton, California	
<small>PROJECT NO. SJ52-51H-1.2006</small>	<small>DRAWN BY JL 03/13/06</small>
<small>FILE NO. SJ52-51H-1.2006</small>	<small>PREPARED BY HB</small>
<small>REVISION NO. 1</small>	<small>REVIEWED BY</small>
	