Shell Oil Products US

August 27, 2007

Re: **Addendum to 6/15/07 Soil Vapor Investigation Work Plan**
Former Shell-branded Service Station
15275 Washington Avenue
San Leandro, California

Dear Mr. Jerry Wickham:

I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge.

Sincerely,
Shell Oil Products US

Denis L. Brown
Project Manager

20945 S. Wilmington Avenue, Carson, CA 90810 P: (559) 645-9306; F: (559) 645-5643

August 27, 2007
DELTA Project SJ15-275-1X
SAP: 129460

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

Re: Addendum to 6/15/07 Soil Vapor Investigation Work Plan
Former Shell-branded Service Station
15275 Washington Avenue
San Leandro, California

DELTA

Dear Mr. Wickham,

In response to your July 10, 2007 letter, Delta Consultants (DELTA), on behalf of Shell Oil Products US (Shell), has prepared this addendum to the previously submitted *Soil Vapor Investigation Work Plan* (DELTA, June 15, 2007). The addendum addresses the issues you raised regarding number and locations of proposed vapor samples, and collection of sub-slab samples from the on-site building.

BACKGROUND

Site background is provided in the June 15, 2007 work plan. Existing groundwater monitoring well locations and the general site layout are shown on Figure 1 of this addendum.

ADDENDUM TO THE SOIL VAPOR INVESTIGATION WORK PLAN

In addition to the five soil vapor sample locations proposed in the 6/15/07 Work Plan, we propose collecting vapor samples at nine additional locations (six additional on-site locations, one additional location at the mobile home park adjacent well S-9, and two sub-slab samples inside the former service station building). Locations of all proposed soil vapor sample locations are shown on Figure 2.

Vapor samples from proposed locations PSG-10 to PSG-21 will be collected a minimum depth of five feet below grade (bg), or in the coarsest grained unit above the saturated zone based on past assessment data. For proposed locations PSG-22 and PSG-23 inside the existing building, we will also collect sub-slab samples at approximately 2 feet bg, in addition to the deeper sample. Soil vapor sampling and analysis will be conducted in accordance with the Regional Water Quality Control Board, Los Angeles Region (LARWQCB) Well Investigation Program (WIP) Guidelines and Department of Toxic Substances Control (DTSC) Advisory - Active Soil Gas Investigations, dated January 28, 2003, as detailed in the 6/15/07 Work Plan.

Prefield Activities

DELTA will obtain necessary drilling permits from the Alameda County Public Works Agency, and will prepare a site-specific health and safety plan prior to initiating field activities. DELTA will mark the location of each proposed soil vapor boring, and contact Underground Services Alert a minimum of 48 hours prior to drilling. In addition, a utility locating contractor will be retained to perform a geophysical survey of the proposed boring locations.

Temporary Soil Vapor Probe Installation

The soil vapor sampling will be conducted with temporary probes. For PSG-10 to PSG-21, each location will be hand augured to a depth of approximately 4 feet bg to minimize the possibility of drilling equipment encountering any unidentified underground utilities. A portable, hydraulically powered soil probe unit will then be used to advance the drive rod to the predetermined sample depth. The drive rod will then be pulled back to expose the inlets of the soil vapor probe. During installation of each probe, hydrated bentonite will be used to seal around the drive rod at ground surface to prevent ambient air intrusion from occurring. For locations PSG-22 and PSG-23, a concrete corer will be used to cut through the existing building slab, then a hand auger will be used to advance to the sample locations at approximately 2 feet and 5 feet bg. The open hole will then be sealed with hydrated bentonite prior to sample collection.

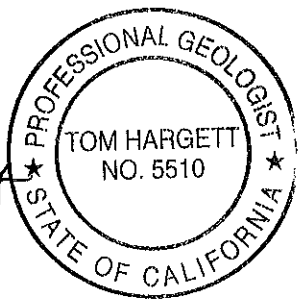
The inner soil vapor pathway from probe tip to the surface will be continuously sealed to prevent infiltration. To allow for subsurface conditions to reach equilibrium after probe emplacement, soil vapor sampling will not be conducted for at least 20 minutes following probe installation. This is the DTSC standard procedure for sampling probes installed with the direct push method where the drive rod remains in the ground. Following the equilibration period, the filter screen will be exposed and the soil vapor sample will be extracted by vacuum. A detailed description of this process, as well as the procedures for vapor purging, leak testing, and vapor sample analysis, is included in the 6/15/07 Work Plan.

SCHEDULE

DELTA will commence field activities within approximately 45 days of receipt of work plan approval from the ACEH, pending approval of access agreements by the owners of the former service station, the current business operator, and the owner of the mobile home park. It is anticipated the final report will be completed 45 days following the receipt of the vapor sample laboratory data.

If you have any questions, please call Tom Hargett, DELTA Project Manager, at (408) 826-1868 or Denis Brown, Shell Project Manager, at (707) 865-0251.

Sincerely,
Delta Consultants, Inc.



Sean Gehlke
Staff Geologist

Tom Hargett, PG 5510
Project Manager

Attachments:

Figure 1 – Site Layout Map
Figure 2 – Site Layout with Proposed Soil Borings

cc: Denis Brown, Shell Oil Products US, Carson
Mike Bakaldin, San Leandro Fire Department, San Leandro
Jonathan Redding, Wendell, Rosen, Black & Dean, Oakland
Richard Waxman, Wendell, Rosen, Black & Dean, Oakland
Salel Enterprises c/o Foothill Hardware, Oakland

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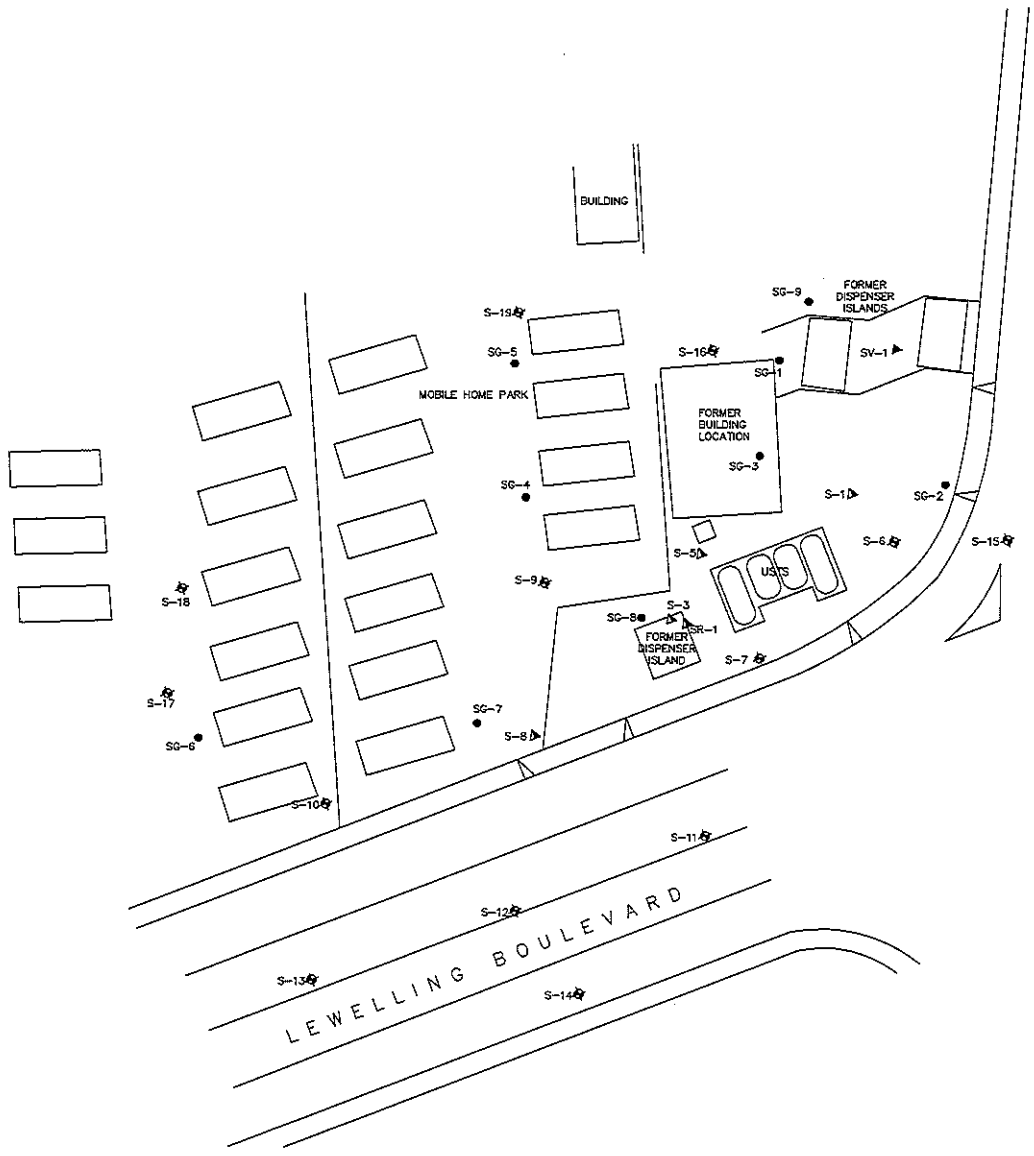

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LEGEND

- S-6 ⊕ GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
- S-1 △ GROUNDWATER MONITORING WELL MODIFIED FOR SOIL VAPOR EXTRACTION
- SV-1 ▲ SOIL VAPOR EXTRACTION WELL LOCATION AND DESIGNATION
- S-6 ● SOIL VAPOR SAMPLE LOCATION

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SCALE IN FEET

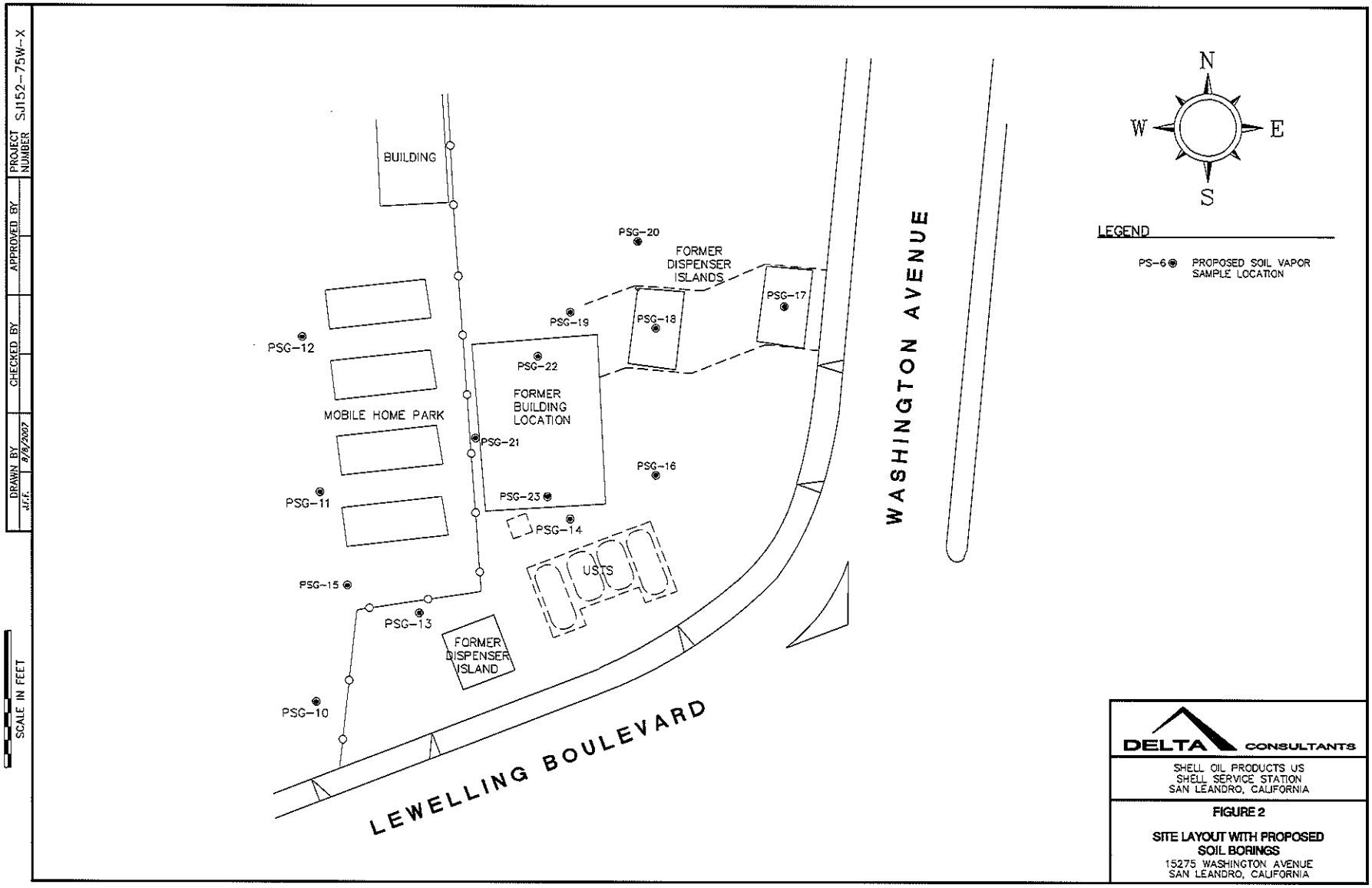
DELTA CONSULTANTS

SHELL OIL PRODUCTS U.S.
FORMER SHELL-BRANDED SERVICE STATION
SAN LEANDRO, CALIFORNIA

FIGURE 1

SITE LAYOUT MAP

15275 WASHINGTON AVENUE
SAN LEANDRO, CALIFORNIA



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