Jakub, Barbara, Env. Health

From: Grayson, Terry L (DXT Services) [Terry.L.Grayson@contractor.conocophillips.com]
Sent: Tuesday, May 25, 2010 9:18 PM
To: Jakub, Barbara, Env. Health
Cc: Jan Wagoner
Subject: RE: SS# 5781 - Revised Site Plan & summary of proposed work (SB-8)

Hi Barbara,

I appreciate your comments and concerns however we believe that placing SB-8 where shown will give a solid representation of any concerns between the two proposed wells also etc..

Also SB-7 recently done was completely clean and we therefore believe that the area in concern between the building and the canopy to also be still clean.

For now given the lack of time and resources we will continue as shown on Figure 2 with the work to be completed by the end of day next Friday the 4th.

Thanks for the review and quick turn around.

fyi--I will be out of town from the 26th through the 4th of June. Have a Great Memorial Day and **Please Remember Those Whom Have Fallen in the Line of Duty/Honor for this Country :)**

Terry L. Grayson

"**Safety--*Never Compromise***"

From: Jakub, Barbara, Env. Health [mailto:barbara.jakub@acgov.org]
Sent: Tuesday, May 25, 2010 4:58 PM
To: Grayson, Terry L (DXT Services)
Cc: Jan Wagoner
Subject: RE: SS# 5781 - Revised Site Plan & summary of proposed work (SB-8)

Dear Mr. Grayson,
Your new proposal places one boring along a transect between the two proposed wells. This leaves the area between the waste-oil UST and gasoline USTs (on the south side of the dispensers) of the property unevaluated. Our concern is that the borings advanced between these two locations were advanced in 2003 and may not reflect current contamination levels. Placing an additional transect in this location would expedite characterization of the site.
Please ensure that soil samples are collected at the soil groundwater interface, changes in lithology, and at a minimum of every five feet.
Regards,
Barb Jakub

From: Grayson, Terry L (DXT Services) [mailto:Terry.L.Grayson@contractor.conocophillips.com]
Sent: Tuesday, May 25, 2010 12:04 PM
To: Jakub, Barbara, Env. Health
Cc: Jan Wagoner
Subject: FW: SS# 5781 - Revised Site Plan & summary of proposed work (SB-8)

Hi Barbara,

Based upon our internal review and scope of work here is the revised site plan showing the (2) planned new wells in conjunction with (1) new boring SB-8.

Please review and approve as per our discussions we would still like to get this work completed next week..

Thank you in advance for your review and action on this request.

Respectfully,

Terry L. Grayson

"**Safety--*Never Compromise***"

916-558-7666 o

916-221-1988 c

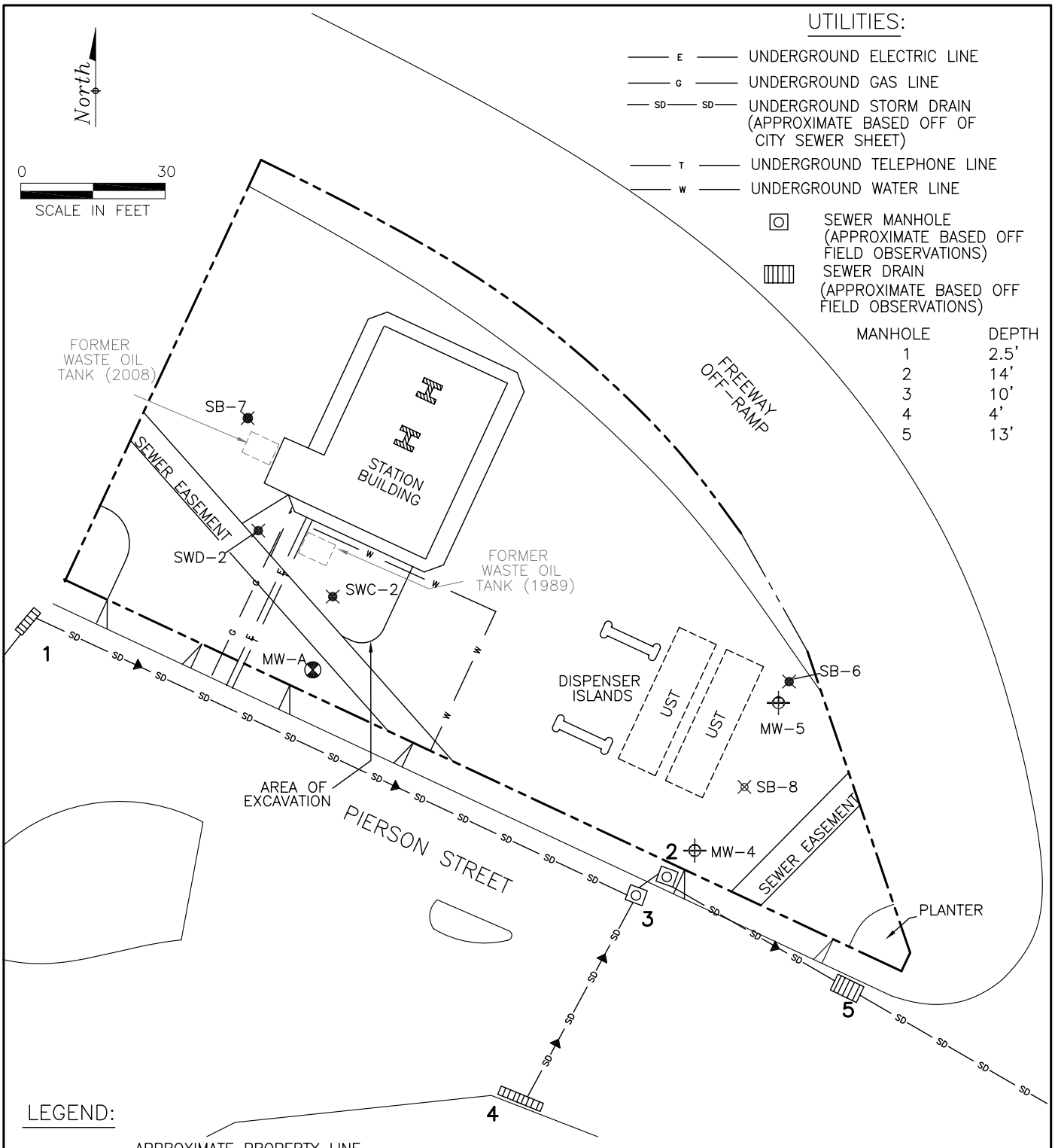

FIGURE 2

SITE MAP WITH CURRENT BORINGS, EXISTING WELLS, PROPOSED WELLS AND PROPOSED BORING

CONOCOPHILLIPS STATION NO. 5781
3535 PIERSON STREET
OAKLAND, CALIFORNIA

PROJECT NO.	PREPARED BY	DRAWN BY
C105781	AB	DD/JH
DATE	REVIEWED BY	FILE NAME
05/25/10	JW	5781-Site

DELTA®

5781 Methodology for Boring Advancement
Boring SB-8

In addition to the installation of groundwater monitoring wells (MW-4 and MW-5), soil boring SB-8 is proposed to evaluate petroleum hydrocarbon concentrations east of the UST's. The boring will be advanced to a maximum anticipated depth of 25 feet below ground surface (bgs) using direct push technologies. Continuous soil samples are to be collected using a two-inch diameter, dual-tube, direct push rod equipped with 4-foot, 1.5-inch diameter acetate sampling liners. Soil samples will be logged using the Unified Soil Classification System (USCS) for lithologic interpretation and field screened for the presence of volatile organic compounds at approximately five foot intervals using a pre-calibrated PID. Observed groundwater levels, PID reading, soil descriptions, and field observations are to be recorded on boring logs. Soil samples will be collected for laboratory analysis and analysis performed as outlined in Delta's *Additional Assessment Report, Monitoring Well Installation Workplan and Storm Sewer Repair Comments* dated May 7, 2010. A grab groundwater sample will be collected using a disposable bailer inserted into a temporary well casing placed into the advanced borehole. Analysis performed on the groundwater sample collected from boring SB-8 will be as outlined in the May 7, 2010 work plan for groundwater collected during sampling of the proposed wells.

Should refusal be encountered prior to the desired maximum depth; the boring will be re-advanced using a hollow-stem auger with soil samples collected using split-spoon samplers.

Boring SB-8 will be subsequently sealed by grouting with Portland cement using a Tremie pipe to a depth of approximately 6 inches bgs. The upper 6 inches of the boring will be capped with concrete and dyed black to match surrounding asphalt.