



76 Broadway
Sacramento, California 95818

RECEIVED

3:17 pm, Dec 16, 2010

Alameda County
Environmental Health

December 16, 2010

Ms. Barbara Jakub
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502

Re: **Report Transmittal**
Letter Addendum to Stantec's *Work Plan for Additional Site Assessment and Remediation Pilot Testing*, dated July 20, 2009
Former 76 Service Station #7124
10151 International Boulevard
Oakland, California

Dear Ms. Jakub:

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

If you have any questions or need additional information, please call:

Ted Moise (Contractor)
ConocoPhillips
Risk Management & Remediation
76 Broadway
Sacramento, CA 95818

Phone: (510) 245-5162
Fax: (918) 662-4480

Sincerely,

Eric G. Hetrick
Site Manager
Risk Management & Remediation

Attachment



Stantec Consulting Corporation
290 Conejo Ridge Avenue
Thousand Oaks, CA 91361
Tel: (805) 230-1266
Fax: (805) 230-1277

Stantec

December 13, 2010

Ms. Barbara Jakub
Alameda County Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Oakland, California 94502

Reference: Letter Addendum to Stantec's Work Plan for Additional Site Assessment and Remediation Pilot Testing, dated July 20, 2009
Former 76 Service Station No. 7124
10151 International Boulevard
Oakland, California

Dear Ms. Jakub:

Stantec Consulting Corporation (Stantec) is pleased to present this letter addendum to Stantec's *Work Plan for Additional Site Assessment and Remediation Pilot Testing*, dated July 20, 2009 for the above-referenced site (Figures 1 and 2). In the near future, Chevron Environmental Management Company (CEMC) is expected to take over management of the open environmental case at the above-referenced site from ConocoPhillips Company (ConocoPhillips). Stantec has prepared this letter addendum to propose a modified soil vapor sampling procedure for implementation at the site because the soil vapor sampling protocols proposed in Stantec's July 29, 2009 work plan do not meet CEMC's internal soil vapor sampling protocols. The proposed modifications are as follows:

- The soil gas probes SG-1 and SG-2 will have two screened intervals, one at 5 feet below ground surface (bgs), and one at 11 feet bgs, as opposed to the previously proposed single screen depths of 5 feet bgs.
- Soil samples collected in SG-2 at a depth of 5 and 10 feet bgs will be analyzed for TPHg, benzene, toluene, ethylbenzene, total xylenes and fuel oxygenates by EPA Method 8260B. The soil samples will also be analyzed for total porosity, dry bulk density, air and water-filled porosity, and grain size distribution.
- The soil gas probes will be installed utilizing a hollow-stem auger drill rig, as opposed to the previously-proposed method of using a hand-auger and will consist of an appropriate probe tip (up to six inches in length and 0.25-inch in diameter) connected to 0.25-inch outside-diameter nylon tubing.
- Each soil gas probe will be set within a one-foot thick sand pack, with a 1-foot thick layer of dry granular bentonite, overlain by a 3-foot thick layer of hydrated bentonite, placed between the shallow- and deep-screened intervals. Above the shallow-screened interval, the borehole will be sealed with a 1-foot thick layer of dry granular bentonite, overlain by a 3-foot thick layer of hydrated bentonite and 1 foot of cement.

Stantec

Pending regulatory approval, Stantec will initiate Stantec's July 20, 2009 work plan, as modified herein. If you have any questions or comments, please contact me at your convenience.

Sincerely,

Stantec Consulting Corporation

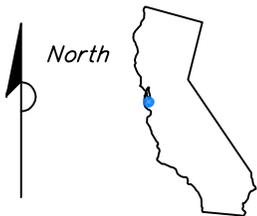
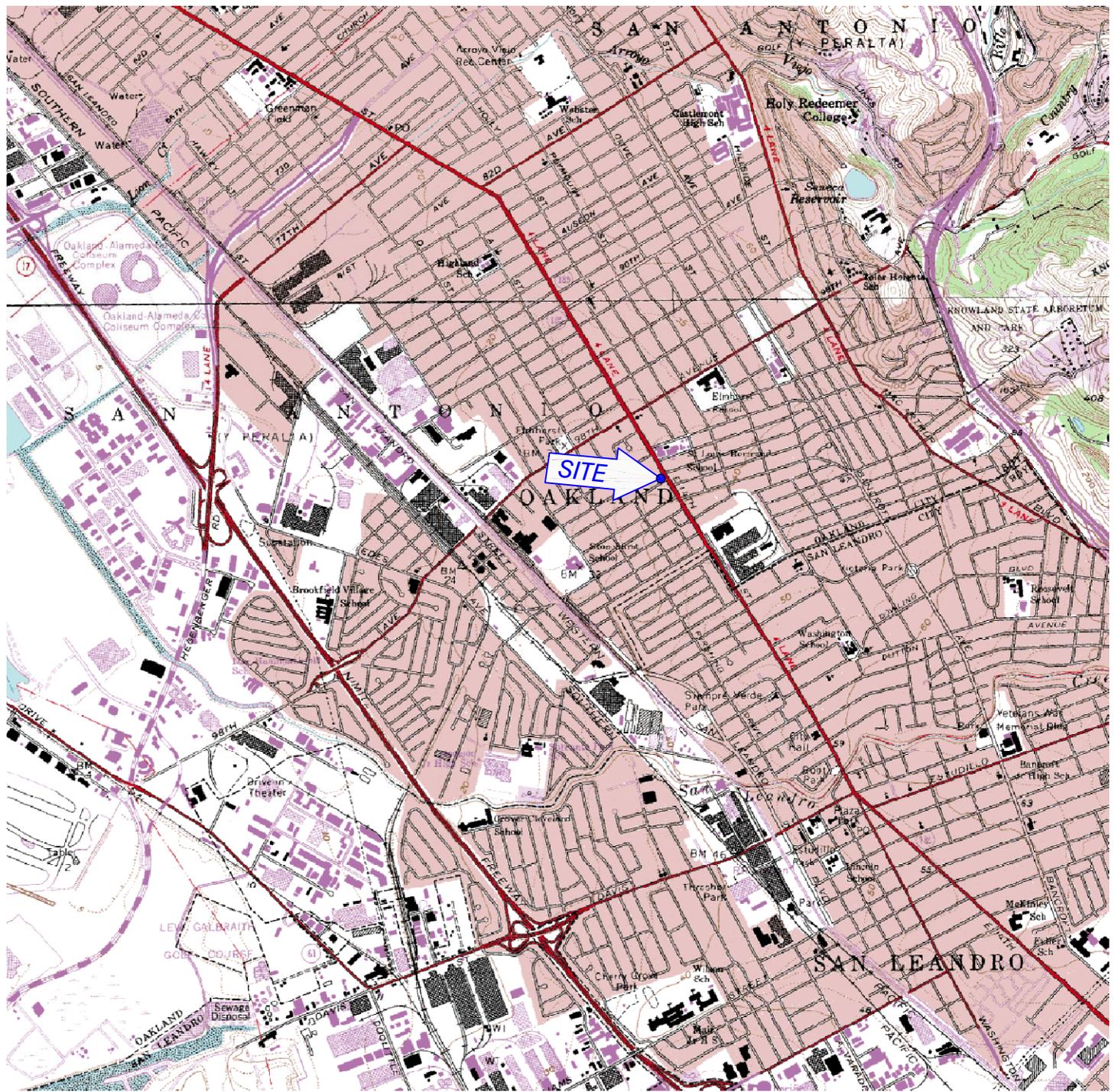


Benjamin Chevlen, P.G.
Senior Geologist
Tel: (805) 230-1266 x293
Fax: (805) 230-1277
benjamin.chevlen@stantec.com



Attachments: Figure 1 – Site Location Map
Figure 2 – Site Plan with Proposed Well Locations

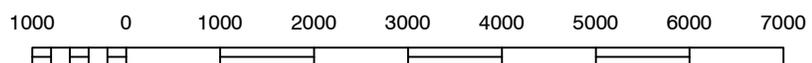
Cc: Ted Moise, ConocoPhillips (*via electronic upload to LiveLink*)



CALIFORNIA



SCALE (MILES)



SCALE (FEET)

REFERENCE: USGS 7.5 MINUTE QUADRANGLE, OAKLAND, CALIFORNIA



Startec

FOR:
 FORMER 76
 STATION NO. 7124
 10151 INTERNATIONAL BLVD.
 OAKLAND, CALIFORNIA

SITE LOCATION

FIGURE:

1

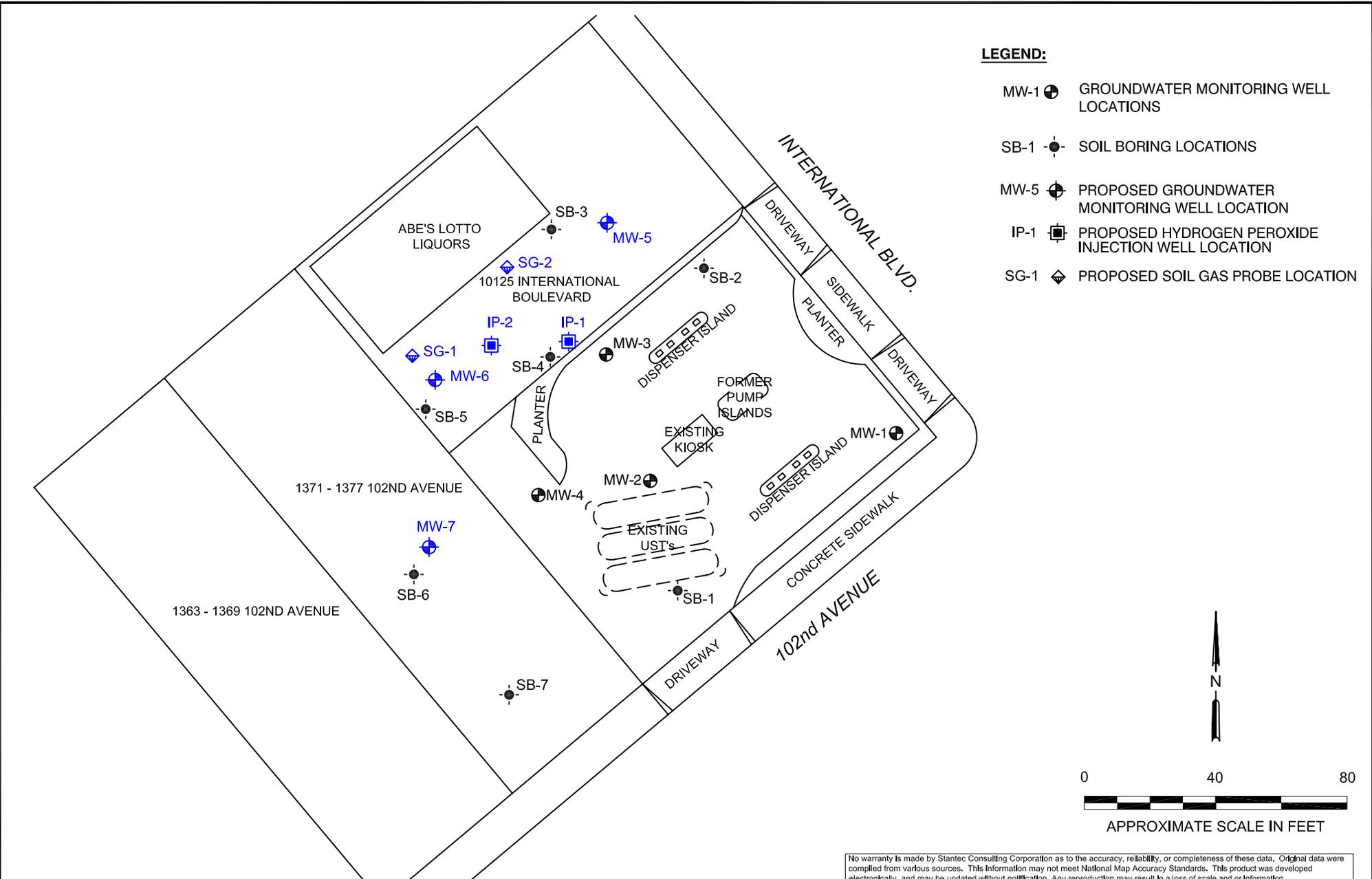
JOB NUMBER:
 77CP.01634.41

DRAWN BY:
 STA/DWR

CHECKED BY:
 BC

APPROVED BY:
 TP

DATE:
 05/19/08



	FORMER 76 STATION NO. 7124 10151 INTERNATIONAL BLVD. OAKLAND, CALIFORNIA		SITE PLAN WITH PROPOSED WELL LOCATIONS		FIGURE: 2
	JOB NUMBER: 211402478.200.0320	DRAWN BY: MDR/CM	CHECKED BY: BC	APPROVED BY: RB	DATE: 06/30/09