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By Alameda County Environmental Health at 3:52 pm, Apr 07, 2014

April 3, 2014

Ms. Karel Detterman
Hazardous Materials Specialist
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502

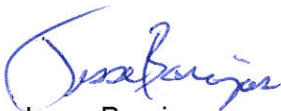
Subject: Additional Investigation Workplan
City of Alameda Maintenance Services Facility - Fuel Leak
Case No. RO0003011 and Geo Tracker Global ID T010000001614
1616 Fortmann Way
Alameda, California
AMEC Project No. OD13164610

Dear Ms. Detterman:

AMEC Environment & Infrastructure (AMEC) is providing the *Additional Investigation Work Plan* for your review. The proposed additional investigation activities described in this letter were requested by the Alameda County Environmental Health Department (County) during the March 24, 2014 meeting between the City of Alameda, AMEC, and the County.

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

Yours very truly,



Jesse Barajas
City of Alameda
Public Works Department

April 1, 2014

Project OD13164970.02

Ms. Karel Detterman
Hazardous Materials Specialist
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502

Subject Additional Investigation
City of Alameda Maintenance Services Facility - Fuel Leak
Case No. RO0003011 and Geo Tracker Global ID T010000001614
1616 Fortmann Way
Alameda, California

Dear Ms. Detterman:

On behalf of the City of Alameda Public Works Department (the City), AMEC Environment & Infrastructure, Inc. (AMEC) has prepared this letter describing additional investigation activities for the City of Alameda Maintenance Services facility located at 1616 Fortmann Way in Alameda, California (the Site). The additional investigation activities were requested by the Alameda County Environmental Health Department (County) during the March 24, 2014 meeting between the City, AMEC, and the County. During our meeting, the County requested further investigation be conducted in the shallow soil to define the extent of benzo[a]pyrene (BaP) which was detected above the environmental screening level for BaP in soil collected from boring SB-7. The BaP is believed to be associated with a spill of diesel that occurred from an above ground storage tank at the Site. This letter presents the proposed sampling locations, sampling protocols, and report schedule.

Field Activities

AMEC will perform the field work in accordance with field procedures detailed in the *Site Conceptual Model and Data Gap Work Plan* dated June 3, 2013 which was approved by the County in a letter dated August 2, 2013. Five soil borings will be advanced by a California C-57 licensed drilling subcontractor using a truck-mounted, Geoprobe® rig, or equivalent. The previously prepared Health and Safety Plan will be used for the proposed field activities and an additional boring permit will be obtained from the Alameda County Public Works Agency. Underground Service Alert will be contacted at least 48 hours prior to the commencement of drilling activities and utility information gathered from the previous geophysical survey performed at the Site, will be used for this assessment.

AMEC proposes to advance five soil borings (B-13 through B-17) to five feet below ground surface (bgs) to collect discrete soil samples at the locations shown in the attached figure. One soil sample will be collected at an approximate depth of two feet bgs (to correspond with the first encountered soil below the asphalt/cement baserock) and a second sample will be collected at

Ms. Karel Detterman
Alameda County Environmental Health
April 1, 2014
Page 2

five feet bgs. The soil samples will be screened in the field using a photo ionization device or similar device and physical indications of contamination, if present, will be noted.

The soil samples will be submitted to TestAmerica of Pleasanton, California, a state certified hazardous materials testing laboratory and analyzed for polynuclear aromatic hydrocarbons using Environmental Protection Agency Test Method 8270-SIM. After sampling has been completed, the borings will be filled with neat cement or bentonite grout to the ground surface. All sampling equipment will be either steam cleaned or washed in a solution of non-phosphate detergent, double rinsed with tap water after each use, and dried between boreholes. Investigation derived waste (IDW) will be placed in sealed drums, labeled, and stored onsite pending analytical results. Waste profiling will be based on the results of the additional sampling and previously collected IDW characterization results.

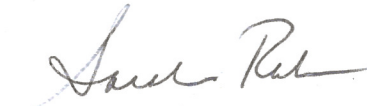
Following completion of the fieldwork and review of the sample analytical results, AMEC will prepare a report summarizing the field activities and analytical findings. The report will include field boring lithologic logs, a Site map, laboratory analytical reports, and recommendations.

If you have any questions or concerns, please call Mr. Lieberman at (707) 793-3858.

Sincerely yours,
AMEC Environment & Infrastructure, Inc.



Gary A. Lieberman
Associate Geology Professional



Sarah L. Raker, PG, CHG
Senior Associate Geologist

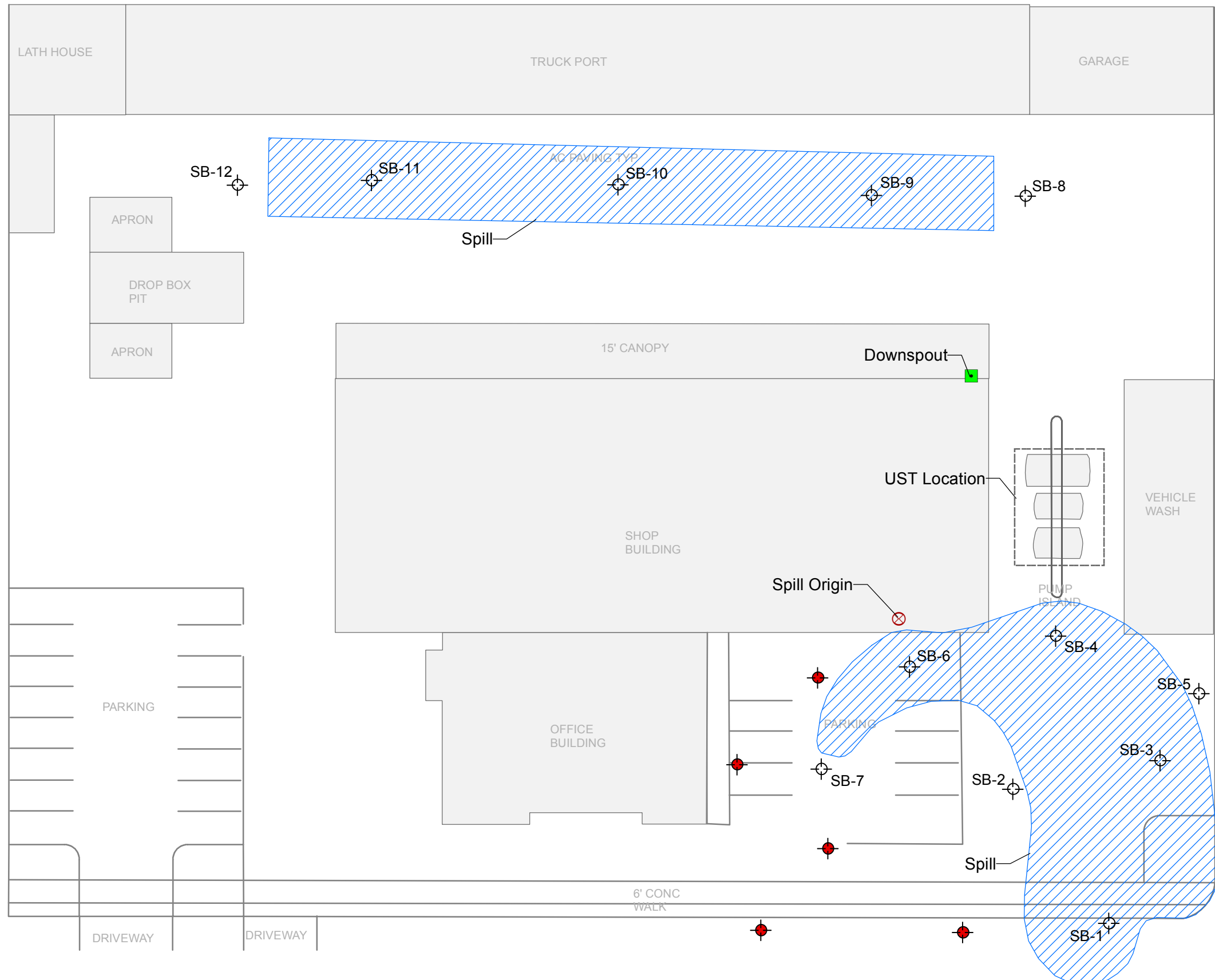


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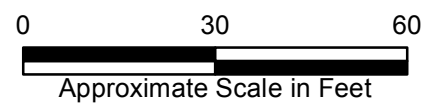
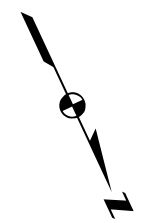
Attachment: Figure 1 - Proposed Boring Locations

FIGURE



EXPLANATION

-  Proposed Boring Location
-  Soil Boring Location Installed September 4, 2013
-  Spill Area



SITE MAP - PROPOSED
SOIL BORING LOCATIONS
City of Alameda Maintenance Services Facility
1616 Fortmann Way
Alameda, California

By: TJH Date: 03/27/2014 Project No. OD13164970



Figure **1**