

Detterman, Karel, Env. Health

From: Jonathan Sanders <jsanders@aeiconsultants.com>
Sent: Friday, June 30, 2017 9:46 AM
To: Detterman, Karel, Env. Health
Cc: Trent Weise; Nate Bricker
Subject: RO0003150 - Shell Station Redevelopment - Notification of Field Activity Schedule

Karel,

I am writing to inform you of the schedule for the field activities for the above referenced Site, located at 27501 Loyola Avenue in the city of Hayward, CA. These field activities will be performed in accordance with the *Data Gap Work Plan Second Addendum* dated April 26, 2017 and conditionally approved by the Alameda County Department of Environmental Health in their letter on June 23, 2017 (the *Conditional Approval*).

July 18, 2017 – AEI will conduct the proposed field utility scan, soil sampling, and installation of soil vapor probes at the Site. AEI will incorporate the technical comments provided by the ACDEH in the conditional approval, including analysis for poly aromatic hydrocarbons in soils using selective ion monitoring mode, the installation of permanent soil vapor probes instead of temporary soil vapor probes, and selection criteria for soil sample analysis.

July 21, 2017 – AEI will conduct the proposed soil vapor sampling after allowing the soil vapor probes to equilibrate for at least 48 hours and will incorporate the technical comments provided in the *Conditional Approval*, including: Use of He as a leak check compound, Addition of He and CO₂ to the ASTM D1946 analyte list, and sampling for Naphthalene using US EPA Method TO-17.

The *Data Gap Work Plan Second Addendum* included erroneous entries regarding the proposed scope of work which are clarified below:

- The work plan references soil borings SB-5 through SB-8 in the text which are not included on the Site Plan. The mention of these additional soil borings is a typo and as such SB-5 through SB-8 are not planned to be advanced as part of this investigation.
- The work plan states that SB-1 through SB-4 will be samples at depths of 0.5 and 2.5 feet below ground surface, however, states that the soil borings will be advanced to a total depth of 5.5 feet below ground surface. SB-1 through SB-4 will only be advanced to a total depth of 2.5 feet bgs as part of this investigation.
- The work plan states that SG-1 through SG-4 will be advanced to a total depth of 5.5 feet below ground surface. The work plan also states that “the proposed soil vapor samples will be collected at a depth of approximately five-feet below the proposed foundation[s]”. AEI will adjust the total depth of borings SG-1 through SG-4 accordingly based on available elevation data for the proposed building foundations to ensure that samples are collected from a depth of approximately five-feet below the proposed foundations.

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