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August 28, 2008

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4:00 pm, Sep 02, 2008

Alameda County
Environmental Health

Mr. Jerry T. Wickham, PG, CHG Hazardous Materials Specialist Alameda County Health Agency Department of Environmental Health 1131 Harbor Bay Parkway Alameda, California 94502-6577

SUBJECT: REQUEST FOR POSTPONEMENT OF GROUNDWATER

MONITORING WELL SAMPLING

Legacy Hanson Radum Site

3000 Busch Road Pleasanton, California

SLIC Case RO0002952 and Geotracker Global ID SL0600101555

Dear Mr. Wickham:

ENV America Incorporated (ENV America) has prepared this letter on behalf of Legacy Partners Commercial, LLC (Legacy) to request that sampling of groundwater monitoring well ENV-1 be postponed until the 2nd quarter of 2009. The following presents a brief background for the work as well as a summary of efforts made to sample monitoring well ENV-1.

PROJECT BACKGROUND

In July 2007 LFR, Inc. (LFR), on behalf of Hanson Permanente Cement, Inc. (Hanson), conducted soil and groundwater investigations in areas previously identified as areas of concern (AOCs) at the Site. To facilitate investigation of the Site, LFR divided the site into nine AOCs. A report describing the results of those investigations was submitted to Alameda County Health Agency-Department of Environmental Health (ACEH) on October 26, 2007.

In the October 2007 report, LFR reported detecting total petroleum hydrocarbon quantified as diesel (TPHd) at a concentration of 79 micrograms per liter (μ g/l) and motor oil (TPHmo) at a concentration of 1,100 μ g/l in a grab groundwater sample collected from 68 feet below ground surface (bgs) in boring B-1(A), located in AOC 3 between Hanson's office, the heavy maintenance shop, and the lube shed.



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In a November 28, 2007 letter ACEH requested that groundwater in the vicinity of this boring be further evaluated to assess whether the results from the grab groundwater sample collected from boring B-1(A) are representative of groundwater quality in that area and whether a significant subsurface source of total petroleum hydrocarbons (TPH) exists.

On March 7, 2008, ENV America installed one groundwater monitoring well, ENV-1, adjacent to where the grab groundwater sample B-1(A) was collected. Groundwater monitoring well ENV-1 was installed with a screened interval from approximately 13 to 23 feet bgs with the filter pack extending to 28.5 feet bgs. Approximately 48 hours after installation the well was developed using a combination of surging, bailing, and pumping.

On March 13, 2008 ENV America sampled monitoring well ENV-1 using low flow sampling techniques. Prior to sampling the water level was measured using an electronic sounder to be 15.70 feet below the top of the casing. After purging the well using low flow sampling techniques, the well was sampled. TPH quantified as gasoline, diesel, and motor oil, and benzene, toluene, ethyl benzene, or xylenes (BTEX) were not detected in the analytical results.

Based on the results, ENV America recommended that no further action be required with respect to groundwater in the vicinity of boring B-1(A)¹. ACEH requested additional sampling of monitoring well ENV-1 in a letter to Mr. Lee Cover (Hanson) and Mr. Steve Dunn (Legacy) dated June 13, 2008.

FIELD WORK

On July 11, 2008 and August 25, 2008, ENV America attempted to sample monitoring well ENV-1. The total depth of the monitoring well below the top of casing is 22.65 feet. Based on water levels measured using an electronic well sounder (dry and 22.39 feet below the top of casing, respectively), we conclude that the water level is not currently within the screened interval and there is insufficient water in monitoring well ENV-1 to sample at this time.

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¹ 2008, ENV America, Groundwater Monitoring Well Installation, Development, Sampling, and Soil Excavation Report, Legacy Hanson Radum Site, 3000 Busch Road, Pleasanton, California, SLIC Case RO0002952 and Geotracker Global ID SL0600101555, April 17.



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CONCLUSION AND RECOMMENDATIONS

Based on the lack of groundwater, we conclude that the water levels have dropped since the installation of monitoring well ENV-1, which is typical of water level patterns in this part of California during the summer months. ENV America is requesting that the sampling be postponed until 2nd quarter 2009 when we anticipate that water levels will rise during the rainy season.

If you have any questions regarding this request please call the undersigned at (415) 989-9933.

Sincerely,

ENV America Incorporated

Allan H. Atkinson, PG

Principal

Voytek Bajsarowicz

Principal

cc: Mr. Tom Jodry, Legacy Partners Commercial, Inc.

Mr. Lee Cover, Hanson Permanente Cement, Inc.