

Roe, Dilan, Env. Health

From: Roe, Dilan, Env. Health
Sent: Friday, April 13, 2012 2:25 PM
To: 'Ravi@missionvalleyhomes.com'; 'ARossSwain@stanpac.com'
Cc: 'mjohnson@engeo.com'; 'smunger@engeo.com'
Subject: Soil and Groundwater Remediation Status Report - Cleanup Case No. RO0002918 and GeoTracker Global ID T06019797353, Jordan Ranch, 4233 Fallon Road, Livermore, CA 94568

Ravi Nandwana
BJP – ROF Jordan Ranch, LLC
5000 Hopyard Road, Suite 170
Pleasanton, CA 94588

Aaron Ross-Swain
Standard Pacific Homes
3825 Hopyard Road, Suite 195
Pleasanton, CA 94588

Dear Mr. Nandwana & Ross-Swain:

Thank you for the recently submitted document entitled, *Soil and Groundwater Remediation Status Report*, dated January 27, 2012, which was prepared by ENGEO, Incorporated (ENGEO) for the subject site. Alameda County Environmental Health (ACEH) staff has reviewed the case file including the above-mentioned report for the above-referenced site. The report summarizes the soil and groundwater remediation efforts that were completed for the site in 2011. The ongoing remediation activities are being implemented in accordance with the *Final Updated Corrective Action Plan*, prepared by ENGEO and dated May 25, 2011, and approved in an ACEH letter dated March 25, 2011.

The report submitted was missing some of the requested information, which includes information needed for review. Until this information is provided, review cannot be completed. We request that you address the following technical comments, and send us the Soil and Water Investigation (SWI) Addendum requested below.

Additionally, the last Groundwater Monitoring Report for the site received by ACEH was prepared by ENGEO and dated September 21, 2010. ACEH letter dated March 25, 2011 requires submittal of Quarterly Monitoring Reports within 30 days of sampling. Please submit the past due report documenting the first quarterly groundwater monitoring event performed three months after the in-situ bioaugmentation injection.

TECHNICAL COMMENTS

1. **Soil Excavation Documentation**– Please provide a figure(s) showing the lateral and vertical dimensions of the excavation and the coordinates of the excavation limits with respect to the site/property boundaries. Please include the location of confirmation samples collected in the sidewalls to confirm the lateral extent of vadose zone impacts and sidewall and base samples collected beneath the water table. Please indicate the areas of observed staining, the location of the water table, and the locations of the product lines and water and electrical conduits. Please submit photographs, field notes, and excavation logs as available.
2. **Soil and Groundwater Data** – Please include separate comprehensive tables and figures for all soil and groundwater analytical data from the investigation. Please include the detection limits for data that are reported as non detected, sample depths, dates for all sample data, and Environmental Screening Levels.
3. **Soil Remediation and Reuse** – Please provide technical justification containing the requisite compliance information for reuse of the petroleum hydrocarbon impacted soil at the site in accordance the California Regional Water Quality

Control Board, San Francisco Bay Region's, *Draft Technical Reference Document, Characterization and Reuse of Petroleum Hydrocarbon Impacted Soil and Inert Waste*, dated October 20, 2006. Please include data justifying the reuse of the approximately 200 cubic yards of surface soil removed from the upper 5 feet within the excavation area and segregated into a "non-impacted stockpile", as well as the approximately 450 cubic yards of impacted soil that was excavated and placed in the ex-situ soil treatment cell. Please refer to Section 6.0 Reporting Requirements for a summary of the requisite information.

4. **Post-Remediation Groundwater Monitoring** – Please locate groundwater monitoring well MW-3 which was reportedly covered by the grading contractor, thus preventing sample collection during the 1st Quarter 2012 monitoring event conducted on January 10, 2012. Please evaluate the condition of well MW-3 and well MW-4, which was reported as having an obstruction in the casing and therefore preventing sample collection, and submit recommendations for replacement/maintenance of these prior to conducting the 2nd Quarter 2012 monitoring event. Also, please install protective bollards around the five groundwater monitoring wells to prevent damage from site development activities. ACEH letter dated March 25, 2011 requires submittal of Quarterly Monitoring Reports within 30 day of sampling. Please present the results of your investigation and recommended replacement/maintenance activities in the SWI Addendum.

TECHNICAL REPORT REQUEST

Please submit technical reports to ACEH (Attention: Dilan Roe), according to the following schedule:

- **May 18, 2012** – Soil and Water Investigation Report Addendum
- **Due within 30 Days of Sampling** – 1st Quarterly Monitoring Report
- **Due within 30 Days of Sampling** – 2nd Quarterly Monitoring Report

In order to facilitate electronic correspondence, we request that you provide up to date electronic mail addresses for all responsible and interested parties. Please provide current electronic mail addresses and notify us of future changes to electronic addresses by sending an electronic mail message to me at dilan.roe@acgov.org.

Thank you for your cooperation. Should you have any questions or concerns regarding this correspondence or your case, please call me at (510) 567-6767 or send me an electronic mail message at dilan.roe@acgov.org.

Regards,

Dilan Roe, P.E.

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PDF copies of case files can be reviewed/downloaded at:

<http://www.acgov.org/aceh/lop/ust.htm>