

Wickham, Jerry, Env. Health

From: Wickham, Jerry, Env. Health
Sent: Tuesday, June 03, 2014 9:21 AM
To: 'Peter Sims'
Subject: RO3122: Ashland Housing Project Fill Import

Peter,

Based on the information provided, Alameda County Environmental Health has no objections to the use of imported fill from the Evelyn-Marshall site in Sunnyvale, CA described in the submitted documents. We request that the imported fill be periodically inspected by a qualified environmental professional to assure that the imported fill is consistent with the assumed conditions. Undocumented fill or fill that is not consistent with the described native soil from the Evelyn-Marshall site is not to be placed at the Ashland Housing site. The inspections and placement of the fill are to be documented and described in the Remedial Action Completion Report that is to be submitted following completion of site grading.

Regards,
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From: Peter Sims [<mailto:psims@ninyoandmoore.com>]
Sent: Monday, June 02, 2014 3:25 PM
To: Wickham, Jerry, Env. Health
Subject: Ashland Housing Project Fill Import

Hi Jerry,

Ashland has found a source that appears to me to be acceptable for import. Please review the attached data as well as the answers to your list of required information below:

1) Some background on environmental conditions at the site where the fill comes from. Some documentation such as a Phase I report or other information from a qualified professional indicating whether the site has any known or suspected environmental conditions.

Phase I ESA is attached.

2) The sample location and volume that each sample represents such as does the sample go with a stockpile of a certain volume.

Sample location map is attached. 1,500 cubic yards of soil will be imported from the northern property (Evelyn-Marshall). The soil samples were collected in-situ. The fill soil will be excavated from 0 to 5 feet bgs and will be direct loaded at the source property and exported to the Ashland site.

3) The type of samples - composite or discrete and how they were collected.

Discrete in-situ samples were collected from the source property.

4) The type of fill and the heterogeneity.

The fill is clayey sand or sandy clay from 0 to 5 feet bgs with some gravel at shallower depths (see attached geotechnical report for soil descriptions/boring logs).

5) Whether the fill contains any debris, construction material, baserock, or other non-native materials.

Non-native materials were not reported in the boring logs of the geotechnical report.

6) Whether any staining or odor was observed.

Staining and odor were not reported.

7) Where the soil is to be used at the site. In this case, will the soil be used in housing areas or under a street?

Fill soil is to be used across the site beneath both housing and parking/street areas.

8) Whether this is a variance from the Work Plan.

The Work Plan did not address import fill.

9) Laboratory analytical results.

See attached.

Peter D. Sims, LEED AP
Project Environmental Geologist

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