

Wickham, Jerry, Env. Health

From: Wickham, Jerry, Env. Health
Sent: Tuesday, September 24, 2013 2:00 PM
To: 'Schwartz, James'
Cc: jrigter@lpfire.org; Sebik, Joanna; brendan@albionpartners.com; Guthrie, Kristin; Bajsarowicz, Voytek
Subject: RE: Former Hanson Facility: Stockpiles Proposed for Reuse On Site

Jym,

Based on the information presented, Soil piles BP2, BP3, and BP4 are acceptable for use as excavation backfill material with the conditions presented below:

- 1) The loading of the soil piles is to be monitored periodically to assure that the fill material is consistent with the material exposed at the surface of the soil piles.
- 2) If staining or odor is observed, the soil pile is not to be used for backfill until further characterization is completed and the use approved by the regulatory agencies.
- 3) If debris is observed, the soil pile is not to be used for backfill until further characterization is completed and the use approved by the regulatory agencies.
- 4) An environmental professional (geologist, engineer, or environmental scientist) with sufficient training to identify the above conditions will periodically observe loading from the soil piles.

Regards,
Jerry Wickham
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
phone: 510-567-6791
jerry.wickham@acgov.org

From: Schwartz, James [mailto:JSchwartz@haleyaldrich.com]
Sent: Monday, September 23, 2013 6:38 AM
To: Wickham, Jerry, Env. Health
Cc: jrigter@lpfire.org; Sebik, Joanna; brendan@albionpartners.com; Guthrie, Kristin; Bajsarowicz, Voytek
Subject: RE: Former Hanson Facility: Stockpiles Proposed for Reuse On Site

Hi Jerry,

Apologies for the delay on getting back to you regarding this! Please see below for answers to your questions/requests for information:

- 1) The location and volume of the stockpiles and volume that each sample represents to assure compliance with the proposed sample to soil volume ratios.

Locations: The locations of the stockpiles are shown on the air photo I sent previously; based on your response, it sounds like that worked for you, but please let me know if you need any additional info.

Volumes and Sampling frequency: Stockpiles BP2, BP3, and BP4 were estimated to be 3000 cubic yards (cy), 900 cy, and 1200 cy, respectively. Per the DTSC backfill sampling guidance¹ sample per every 250 cy was collected up to 1000 cy, with 1 sample per 500 cy of additional fill material. Each sample was a 4-point composite collected from the surface to 0.5 ft due to access limitations (see below).

2) Distribution of samples within the stockpile (depth, etc.)

All samples were from surface to 0.5 ft due to access limitations. Samples were collected from all areas of the stockpiles, i.e., at various heights along the slopes as well as from the tops of the piles. Each composite was from the same side or general area of the pile, depending on the volume of the stockpile.

3) The source of the fill material (Do each of the stockpiles appear to be left from Hanson operations?)

Yes, the piles all appear to be left from Hansen operations.

4) The type of fill and the heterogeneity

All stockpiles appear to be processed aggregate material with silt and sand. The piles appear to be generally uniform both as a group (i.e. all 3 piles are similar) and within the stockpiles.

5) Whether the fill contains any debris or construction material

No debris or construction material was observed during sampling. Should any debris, construction material, or otherwise suspect material be observed during preparation of the fill material we will assess the extent of foreign materials in the stockpile. No such materials will be used as backfill.

6) Laboratory analytical results consistent with the analytical suite from the attached set of emails.

Samples were run for the agreed upon analytes: TPH-d/mo, CAM17 metals, PAHs, pH, and asbestos (as bulk PLM). Please see the attached for original laboratory analytical reports.

Hope this helps! Please let me know if you need any other information.

Thanks,
-Jym

-----Original Message-----

From: Wickham, Jerry, Env. Health [<mailto:jerry.wickham@acgov.org>]

Sent: Monday, September 16, 2013 10:57 AM

To: Schwartz, James

Cc: jrigter@lpfire.org; Sebik, Joanna; brendan@albionpartners.com; Guthrie, Kristin

Subject: RE: Former Hanson Facility: Stockpiles Proposed for Reuse On Site

Jym,

I will need some additional information to go along with the analytical results. I have attached our last chain of emails which established a standard sampling scheme consistent with DTSC guidance and analytical suite for stockpile approvals. In order to know whether the soil meets these criteria, I would need the following for each stockpile:

1) The location and volume of the stockpiles and volume that each sample represents to assure compliance with the proposed sample to soil volume ratios. (the air photo is good for location)

2) Distribution of samples within the stockpile (depth, etc.)

3) The source of the fill material (Do each of the stockpiles appear to be left from Hanson operations?)

4) The type of fill and the heterogeneity

5) Whether the fill contains any debris or construction material

6) Laboratory analytical results consistent with the analytical suite from the attached set of emails.

Regards,

Jerry Wickham

Alameda County Environmental Health

From: Schwartz, James [JSchwartz@haleyaldrich.com]

Sent: Friday, September 13, 2013 11:16 AM

To: Wickham, Jerry, Env. Health

Cc: jrigter@lpfire.org; Sebik, Joanna; brendan@albionpartners.com; Guthrie, Kristin

Subject: Former Hanson Facility: Stockpiles Proposed for Reuse On Site

Hi Jerry,

Attached please find a summary of analytical data for "Borrow Piles" 2, 3 and 4, as well as an air photo showing their locations. Kindly let us know if we are approved to reuse this soil on site as excavation backfill at your earliest convenience, and if there are any recommendations or restrictions on that reuse if approved.

I am available if you have any questions!

Thanks,

-Jym

James P. Schwartz, P.G.

HALEY & ALDRICH

2033 North Main Street, Suite 309

Walnut Creek, CA 94596

phone: 925.949.2760

cell: 408.204.8551

fax: 925.979.1456

JSchwartz@HaleyAldrich.com

www.HaleyAldrich.com<<https://sync.acgov.org/OWA/UrlBlockedError.aspx>>