

Wickham, Jerry, Env. Health

From: Wickham, Jerry, Env. Health
Sent: Tuesday, August 27, 2013 11:02 AM
To: 'Schwartz, James'
Cc: jrigter@lpfire.org; Guthrie, Kristin; Sebik, Joanna
Subject: RE: Former Hanson Facility: Standard Profiling for Reuse of Soils On Site

Jym,

The proposed background levels for arsenic and cobalt are acceptable for screening soils for reuse at the site.

Regards,
Jerry Wickham
Alameda County Environmental Health
1131 Harbor Bay Parkway
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jerry.wickham@acgov.org

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

From: Schwartz, James [<mailto:JSchwartz@haleyaldrich.com>]
Sent: Monday, August 26, 2013 11:42 AM
To: Wickham, Jerry, Env. Health
Cc: jrigter@lpfire.org; Guthrie, Kristin; Sebik, Joanna
Subject: RE: Former Hanson Facility: Standard Profiling for Reuse of Soils On Site

Hi Jerry,

Thanks for the response... Based on the residential ESLs, we would like to propose use of background concentrations for screening two metals: arsenic and cobalt.

For arsenic, we would like to propose using 11 mg/kg as the background level per the attached study by Duvergé (2011).

For cobalt, we would like to propose using 22 mg/kg per the background levels in the attached studies by Hunter and Davis (2001) and Lawrence Berkeley National Laboratory (2009).

Please let us know if these background concentrations meet with your approval.

Thanks,
-Jym

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

From: Wickham, Jerry, Env. Health [<mailto:jerry.wickham@acgov.org>]
Sent: Monday, August 26, 2013 8:38 AM
To: Schwartz, James
Cc: jrigter@lpfire.org; Guthrie, Kristin; Sebik, Joanna
Subject: RE: Former Hanson Facility: Standard Profiling for Reuse of Soils On Site

Jym,

The proposed analyses are acceptable for sampling the stockpiles. Comparison to the most recent Environmental Screening Levels is also acceptable. Background will be considered for

specific metals where appropriate but I would need to review the specific reference before agreeing to applying it as a representative background value.

Regards,
Jerry Wickham
Alameda County Environmental Health

From: Schwartz, James [JSchwartz@haleyaldrich.com]
Sent: Friday, August 23, 2013 10:03 AM
To: Wickham, Jerry, Env. Health
Cc: jrigter@lpfire.org; Guthrie, Kristin; Sebik, Joanna
Subject: Former Hanson Facility: Standard Profiling for Reuse of Soils On Site

Hi Jerry,

In order to expedite reuse of soil stockpiles that originate on site, I'd like to come to an agreement on the standard sampling and analytical scheme, as well as evaluation criteria to be applied. We still plan to submit our profiling results to you for review and approval prior to reuse, but having an understanding on this matter will help greatly. Below is our proposal:

. Sample-to-volume ratios will conform to DTSC guidance on imported fill: four samples for the first 1,000 cubic yards and one additional sample for each additional 500 cubic yards.

. All samples will be analyzed for TPH as diesel (8015B), TPH as motor oil (8015B), metals (6010B), mercury (7471A), asbestos (PLM) and PAHs (8270C SIM).

. Soil proposed for reuse on site will be screened against the Cleanup Goals proposed in Section 5.1 of the Revised Closure Plan (23 April 2013), namely applicable Residential Environmental Screening Levels (Feb. 2013). Exceptions will be made for metals occurring at background concentrations for arsenic, barium, cobalt, and copper (per Duvergé 2011, Hunter and Davis 2001 and Lawrence Berkeley National Laboratory 2009).

Please let me know if this proposal is acceptable to you at your earliest convenience.

Thanks,
-Jym

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