

Jakub, Barbara, Env. Health

From: Jakub, Barbara, Env. Health
Sent: Thursday, August 27, 2009 9:46 AM
To: 'Jill Quillin'
Cc: (Gary_Bates@efiglobal.com); Chimi Yi; John Cavanaugh; Arun Chemburkar
Subject: RE: Red Hanger Cleaners Site - revised scope of work

Thank you for preparing the summary of our August 26, 2009 sampling discussion. ACEH concurs with your proposal. If site specific lithology or other restrictions change the location and/or quantity of the samples, please discuss any modifications made in the Soil and Water Investigation Report.

Regards,
Barb Jakub

From: Jill Quillin [mailto:Jill.Quillin@erm.com]
Sent: Thursday, August 27, 2009 8:16 AM
To: Jakub, Barbara, Env. Health
Cc: (Gary_Bates@efiglobal.com); Chimi Yi; John Cavanaugh; Arun Chemburkar
Subject: Red Hanger Cleaners Site - revised scope of work

Barb -

Thanks again for your time yesterday afternoon discussing the scope of work for the subject site.

As we understand it, based on our conversation yesterday, for the purposes of a more complete site characterization that will allow you to consider site closure (i.e., focusing on vertical profiling in the unsaturated and saturated zones), it is our understanding that the following sampling strategy would address your concerns:

Location	Depth	Soil Samples	GW Samples
A-1	35' bgs	5', 10', 15' (cap fr), 20', 25'	1 st wtr, and base of 1 st wtr or 35' (whichever shallower)
A-2	Top of 1 st wtr	10', 15' (cap fr)	1 st wtr
AD-3	Base of 1 st wtr/35'	5', 10', 15' (cap fr)	1 st wtr, and base of 1 st wtr/35'
AU-4	Base of 1 st wtr/35'	[hold 5', 10' & analyze only if deeper impacts] 15' (cap fr), 20', 25'	1 st wtr, and base of 1 st wtr/35'
AU-5	Base of 1 st wtr/35'	[hold 5', 10' & analyze only if deeper impacts] 15' (cap fr), 20', 25'	1 st wtr, and base of 1 st wtr/35'
AUST-6	Top of 1 st wtr	15' (cap fr)	1 st wtr

This translates to a total of 21 soil samples (including those held) and 10 water samples

Further clarification:

If the base of the 1st water is not obvious from the borings, the borings will be terminated at 35' bgs.

Based on prior boring logs, we've assumed that the capillary fringe is at approximately 15' bgs - if it turns out that this is not the case, deeper soil samples representing the capillary fringe zone will be collected from A-2, AD-3, and AUST-6 (possibly increasing the total number of soil samples to as many as 24).

To avoid cross-contamination, we will have to install pairs of borings for all locations where water will be collected from two different depths (4 locations).

The 5' sampling strategy is considered adequate for collecting representative samples of the varying lithologies present in the interval investigated; minor shifts in sample depth may be performed based on professional judgment in the field to target stratigraphic changes, but a 5-foot sampling interval will generally be maintained.

Please confirm that this summary is consistent with your expectations, or let me know where changes are needed.

Thanks again for your attention to this project,

Jill

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