

Detterman, Mark, Env. Health

From: Karen Emery [kemery@sca-enviro.com]
Sent: Monday, March 02, 2015 10:53 AM
To: Detterman, Mark, Env. Health
Subject: Re: RO#3152, 22941 Atherton Street, Hayward Field Work Notification

Hi Mark,

It was nice meeting you on Friday at the HACA site. As we discussed in the field, I wanted to give you a summary update on how things went. Impacts to soil was identified in boring B-1 (completed within the former UST area backfill) at depths between 16 and 22 feet bgs; and at boring B-6 (immediately adjacent and downgradient of the UST area) at depths between 8 and 26 feet bgs.

No odors, staining, or elevated PID readings were encountered in any of the other borings completed at the site.

Due to the dense and expansive clays encountered in all borings, we hit practical refusal with the direct push rods at depths between 40 and 51 feet bgs (depending on boring location), prior to reaching groundwater. Since we wanted to make sure we obtained grab groundwater samples, we elected to switch to a Hydropunch and push straight to the anticipated depth to groundwater. This method proved successful and we were able to collect groundwater samples from all four of our deep borings. However, since we used the Hydropunch equipment we were unable to collect any samples of the capillary fringe at those locations. Groundwater was measured following the completion of the Hydropunch at depths between 54.7 and 59 ft bgs.

SCA will be submitting the following sample depths to the analytical laboratory based on our observations in the field (odor, staining, PID readings, etc.). We are also submitting the deepest soil sample collected from borings B-1 through B-4 before refusal was met to evaluate soil close to the capillary fringe.

- B-1: samples from 17 ft and 50 ft bgs
- B-2: sample from 44 ft bgs
- B-3: sample from 40 ft bgs
- B-4: sample from 44 ft bgs
- B-5: samples from 2.0, 5.0, and 14 ft bgs
- B-6: samples from 2.0, 7.5, 12, and 30 ft bgs. (Note that due to the impacts identified at B-6 we will be submitting additional samples from this boring then what was originally proposed)

Analytical results will be submitted to you in the investigation report later this month. Please contact me with questions.

Regards,
Karen

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On 2/23/2015 2:04 PM, Karen Emery wrote:

Hi Mark,

As requested in the Modified Approval of Work Plan letter dated January 14, 2015 for the above referenced site, this email provides the minimum 72-hour written notification for the upcoming investigation.

Field work is scheduled to commence this Friday, February 27, 2015 beginning at 7:00am. SCA anticipates that the work will continue through Saturday, and may extend into Sunday depending on depth to groundwater and/or groundwater recharge issues.

SCA's field representative is Tucker Kalman (415-378-4188, and copied on this email).

Please contact me at the numbers below with any questions.

Regards,

Karen

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