

Detterman, Mark, Env. Health

From: Detterman, Mark, Env. Health
Sent: Thursday, November 14, 2013 9:04 AM
To: 'Cem Atabek'
Cc: wpierce@western-forge.com; Kris Larson
Subject: RE: Remaining excavation work at 540 Cleveland Avenue

Cem,
Both actions appear to be reasonable. Please support the rational in your final signed remedial document.

Mark Detterman
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PDF copies of case files can be downloaded at:

<http://www.acgov.org/aceh/lop/ust.htm>

From: Cem Atabek [<mailto:catabek@ninyoandmoore.com>]
Sent: Wednesday, November 13, 2013 5:16 PM
To: Detterman, Mark, Env. Health
Cc: wpierce@western-forge.com; Kris Larson
Subject: Remaining excavation work at 540 Cleveland Avenue

Hi Mark, we are progressing with the backfilling work at 540 Cleveland Avenue, and I wanted to discuss a couple remaining areas of excavation to be performed. We are still coordinating with PG&E to stabilize the utility pole located within our excavation EX-1. The excavation will need to be backfilled immediately following completion of excavation, therefore we would like to collect an in-place bottom confirmation sample from the proposed excavation depth of 4 feet using a hand auger in order to avoid the potential need to re-excavate the area.

There is also one remaining failing sidewall in the area we excavated for metal shavings, which we identified as EX14. We ended up collecting 2 bottom samples from EX14 as it was greater than 25 feet long, and the bottom of the west side of EX14 was over-excavated to 4 feet bgs, while the bottom of the east side was clean at 1.5 feet bgs. We collected a sidewall sample at 1.5 feet bgs between these areas of different excavation depths, and the sidewall has continued to fail (high lead) and be over-excavated towards the east. We are now at the point where if we excavate another foot or so towards the east we will be at the location of the eastern bottom sample. We would like to excavate to that point and not collect another sidewall sample since the eastern bottom sample was clean at this location.

Please let me know if you agree with our proposed approaches for these remaining areas of excavation.

Thanks,

-Cem

Cem R. Atabek
Senior Project Engineer
Ninyo & Moore
Geotechnical & Environmental Sciences Consultants

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