

Nowell, Keith, Env. Health

From: Nowell, Keith, Env. Health
Sent: Friday, July 06, 2018 3:54 PM
To: 'Lauren A. Mancuso'
Cc: Prunier, Craig; 'Hackman, Scott'; Khatri, Paresh, Env. Health; Roe, Dilan, Env. Health (Dilan.Roe@acgov.org)
Subject: RE: Sampling Frequency - RO0003306- West Oakland (Union Pacific Railroad)

Dear Ms. Mancuso,

The workplan submitted for the fueling platform upgrade does not accurately portray the excavation dimensions, hence it is unclear to our agency what are the anticipated dimensions of the excavation. Alameda County Department of Environmental Health (ACDEH) requested clarification of the excavation dimensions in our June 22, 2018 letter. To date we have not received the requested document, only a verbal confirmation the work plan dimensions are incorrect.

Additionally, ACDEH has reviewed the case files for the Track 58 project, Case Number RO0003169. Our review indicates we requested confirmation sidewall sampling be conducted every 20 linear feet, not the 25 feet we requested for this project. As the dimensions of the excavation appear to be similar, the 25-linear-foot sample density we requested in our June 22, 2018 letter is appropriate. For consistency, you may submit every other sidewall sample for laboratory analysis. However, if the petroleum hydrocarbon (PH) concentration exceeds the laboratory reporting limit for either bracketing sample, the intervening sample should also be analyzed. ACDEH requests collection of the sidewall samples at a depth of between 2 and 3 feet below the ground surface (bgs).

Unlike the Track 58 work where the excavation extended below the water table, this excavation will terminate above the water table. Therefore, collection of excavation base samples will provide the basis for an initial determination regarding potential groundwater impacts associated with fueling platform release(s). As previously requested, please collect excavation base samples at a density of one sample to every 250-square-feet to adequately define the potential release area. You may submit every other excavation base sample for laboratory analysis. Again, if the petroleum hydrocarbon concentration exceeds the laboratory reporting limit for the surrounding samples, the in-between sample should also be analyzed.

Elevated laboratory reporting limits, unless diluted to determine reportable concentrations, will be considered an unacceptable reason for not analyzing intervening samples. ACDEH requests the sample analyses be conducted in accordance with our June 22, 2018 letter.

Thank you for your cooperation. ACDEH looks forward to working with you and your consultants to advance the case toward closure. Should you have any questions regarding this correspondence or your case, please call me at (510) 567-6764 or send an electronic mail message at keith.nowell@acgov.org.

Respectfully,
Keith Nowell

Keith Nowell PG, CHG

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From: Prunier, Craig [mailto:Craig.Prunier@arcadis.com]

Sent: Friday, July 06, 2018 12:11 PM

To: Nowell, Keith, Env. Health <Keith.Nowell@acgov.org>

Cc: Hackman, Scott <Scott.Hackman@arcadis.com>

Subject: Sampling Frequency

Keith,

As a follow up to our conversation this morning, I am requesting confirmation on our rationale for the number of sidewall and bottom samples as described in the attached work plan. The rationale in the work plan was based on the Track 58 project at the UPRR West Oakland Yard that received site closure. As I mentioned, the first half of the excavation will be completed in the next day. Arcadis plans to sample first thing on Monday to allow the construction crew to maintain their schedule.

Thank you, Craig

Craig Prunier [PG, CHG] | Project Hydrogeologist | craig.prunier@arcadis.com

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