

Detterman, Mark, Env. Health

From: Detterman, Mark, Env. Health
Sent: Monday, May 01, 2017 12:04 PM
To: 'Julie Avanto'
Cc: Julie D'Hondt; Matt Kaempf; 'Brian Kelleher'
Subject: RE: Four Seasons Cleaner 13778 Doolittle Drive, San Leandro

Julie,

I wanted to followup on the Standard Operating Procedures (SOPs) you provided, and in lieu of responding in a directive letter, I am providing comment in this email, so that you can move forward on the project. Please note these comments carry the same weight as a directive letter.

1. Sub-Slab and Soil Vapor Sampling - Helium was proposed to be used during the collection of these samples; however, this comment extends to other tracers as well. Helium was proposed as a tracer to determine if a leak of atmospheric air is present that could dilute the vapor samples, during the collection of these samples. In addition to analysis for helium, or other tracers, in the sample, please additionally collect a shroud tracer concentration in order to determine if the potential leak exceeds the DTSC allowed 5% dilution rate.
2. Indoor Air Sampling - Eight-hour indoor air samples were proposed in the SOPs. In conformance with DTSC guidance, ACDEH requires samples to be 24-hour samples for the determination of human health risk. Eight-hour samples are appropriate for repeat events for checking changes in indoor air concentrations. ACDEH views the requested resampling in the dentist's office (also labeled a baseline) as an evaluation of the human health risks associated with elevated vapor concentrations in the suite.
3. Air Monitoring - Cal-OSHA PELs were proposed for air monitoring action levels. These may be appropriate for site workers trained in HAZWOPER operations; however, alternative action levels for offsite workers (restaurant, dentist office, etc.) are appropriate. Because women of child-bearing age without respirator protection may be present at offsite locations, more stringent action levels appear appropriate. Prior to approval of excavation, please identify appropriate offsite action levels.

Should you have questions, please let me know.

Thanks,

Mark Detterman
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PDF Copies of case files can be downloaded at:
<http://www.acgov.org/aceh/lop/ust.htm>

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

From: Julie Avanto [mailto:julie@rrmsc.com]

Sent: Wednesday, April 26, 2017 5:12 PM

To: Detterman, Mark, Env. Health <Mark.Detterman@acgov.org>

Cc: Julie D'Hondt <highlandofficelv3@gmail.com>; Matt Kaempf <matt@rrmsc.com>; 'Brian Kelleher' <bkellehr@ix.netcom.com>

Subject: Four Seasons Cleaner 13778 Doolittle Drive, San Leandro

Mark, Based on our conversation earlier today regarding remediation work at the referenced site; the start of remediation work could likely be pushed to late May 2017, pending approval from your office. In your March 17, 2017 letter, there are technical report requests scheduled for May 26, 2017 and June 30, 2017 that are dependent upon data collected from the remediation work. Please revise the schedule to account for the approval delay.

Julie Avanto

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Julie Avanto

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Project Engineer

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