

Detterman, Mark, Env. Health

From: Patten, David R. <drpatten@chevron.com>
Sent: Thursday, May 10, 2018 1:05 PM
To: Detterman, Mark, Env. Health
Subject: Chevron 91153 - 3126 Fernside Blvd./3135 Gibbons Drive, Alameda, California

Mark,

We are working to provide a proposed schedule to the Property Owner to complete the Vapor Intrusion Risk Evaluation. That being stated, please see below our comments associated with the technical comments you provided per the Conditional Work Plan Approval dated March 16, 2018 (below):

- a. **Crawl Space Vapor Samples** – Geosyntec will determine the tubing volume and the tubing will be purged of three tubing volumes to remove non-crawl space air prior to sampling.
- b. **Nyloflow Tubing** – An additional analysis by TO-17 for naphthalene will be performed for all crawl space and indoor air sampling locations. In addition, tubing that has a better performance record for naphthalene recovery will be used, such as polyetheretherketone (PEEK) or Teflon® tubing.
- c. **Indoor Air Sampling** – Geosyntec will attempt to conduct the sampling under likely worst-case conditions by requesting that the property owners not open doors or windows during the sampling event. This includes not opening the garage door for the 24-hour sampling period.
- d. **House Plot Plan** – Results from the investigation will be plotted on a detailed house layout plan, including the locations of crawl space vents, electrical outlets, and utility penetrations.

Can you please advise as to whether you are in agreement with our plan forward based on our response to your comments.

Any questions, please let me know.

Thank you,

David Patten
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