

## **Detterman, Mark, Env. Health**

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**From:** Detterman, Mark, Env. Health  
**Sent:** Thursday, April 20, 2017 2:42 PM  
**To:** Carryl G. MacLeod; GATHCONSTRUC@AOL.COM; SOKANECONST@HOTMAIL.COM; teamspirit74@yahoo.com  
**Cc:** Roe, Dilan, Env. Health; 'Flora, Travis'  
**Subject:** Meeting Request 890 West MacArthur, Chevron Station 92029; RO2438

Carryl, Alex, and all,

In order to discuss the next steps at the subject site, Alameda County Department of Environmental Health (ACDEH) is requesting a meeting in our office. Specifically this is to discuss the development schedule timing, data gaps for closure, the proposed vapor mitigation system, and possible remediation at the site. Data gaps include the risk of vapor intrusion at onsite and offsite locations, within the context of the Low Threat Closure Policy (LTCP), as well as within the context of the planned residential redevelopment at the site. The recently issued Review Summary Report (RSR) from the State Water Board (SWB) indicates the SWB and ACDEH are in agreement that the risk of vapor intrusion at onsite and offsite locations remains a data gap and concern.

To help move the discussions at the meeting along, ACDEH requests that the following be brought to the meeting:

- VaporBlock Plus VBP20 has been proposed to be used a vapor barrier beneath the site. Based on a review of the product specifications, ACDEH is uncertain that it is a suitable vapor intrusion barrier, rather than a moisture barrier from water containing dilute concentrations of volatile organic compounds. Please bring documentation of its approval by either the San Francisco Bay Regional Water Quality Control Board (RWQCB) or the Department of Toxic Substances Control (DTSC) for use at other sites in Alameda County area to the meeting.
- Review of the plan set uploaded to the ACDEH ftp site and to Geotracker indicates that is dated March 2007, and the plan sheet with the VaporBlock Plus VBP20 located beneath select sections is dated July 2016. As a consequence, the plan sets are not current and are not complete. Please upload a current COMPLETE plan set to both the ACDEH ftp site and to Geotracker, and bring a full set to the meeting. Please ensure the vapor mitigation system has been incorporated into the full plan set.
- To the understanding of ACDEH, the nature (type and environmental quality) of the backfill material used at the site has not been documented. ACDEH will not be able to approve closure for a residential redevelopment without understanding the nature of the backfill material. If documentation of the type and environmental quality of the backfill material has been documented, please bring the documentation to the meeting.
- Prior to the meeting, ACDEH requests that at an absolute minimum, the depth to water in ALL wells is measured. If there is sufficient time, the collection and laboratory testing of groundwater samples from ALL wells prior to the meeting will assist in moving the site closure and redevelopment faster. Due to the significant rainy season, ACDEH requests the site revert to a semi-annual basis for groundwater monitoring and sampling. Thus the collection of groundwater is requested to be conducted no later than early May 2017. Please ensure this is done. You may use this email as documentation of this request from ACDEH for reimbursement purposes.

In regards to potential meeting dates, the following dates and times are currently available:

Monday May 8, 4 – 6 pm  
Tuesday May 9, 10 – 12 am  
Thursday May 11, 10 – 12, and 4 – 6  
Friday May 12, 11 – 5:30 (2 hour spot)

Please let me know which will work for your group. Meeting dates and times can and do disappear quickly as all open times are open to others.

Please keep me posted.

Thank you,

*Mark Detterman*

*Senior Hazardous Materials Specialist, PG, CEG*

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*PDF Copies of case files can be downloaded at:*

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