

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

---

**From:** Detterman, Mark, Env. Health  
**Sent:** Friday, May 25, 2018 3:55 PM  
**To:** ekirk.marks@earthlink.net; 'bilbanker@comcast.net'; 'kb@hollidaydevelopment.com'; 'James Gribi'; 'Tom Graf'  
**Cc:** Roe, Dilan, Env. Health  
**Subject:** 3800 San Pablo Ave (RO2520; Maz Glass and RO3237 3800 San Pablo)

All,  
ACDEH has reviewed the case file including the *First Quarter 2018 Groundwater Monitoring Report*, dated January 26, 2018, that was submitted on your behalf by Gribi Associates, Inc. To further discuss the site, including the VRAP case (RO3237), ACDEH is requesting a meeting to identify a Path To Closure for both cases.

With regards to the petroleum release case (RO2520), ACDEH has several concerns, including the apparent lack of a bioattenuation zone beneath the building, and the presence of benzene at a concentration up to 270 ug/L (greater than 100 ug/L) in groundwater closely proximal to the building. In that the source appears to be beneath or closely proximal to the building, a continued vapor risk may be present beneath a portion of the building. In that the vapor wells were consistently submerged, soil vapor data is sufficiently inconsistent (and with benzene groundwater concentrations potentially increasing) to determine the risk of future vapor intrusion to the building. Based on recent data it appears that the ozone injection pilot test sufficiently reduced groundwater TPH and benzene concentrations in several, but not all wells. This indicates that sufficient source mass remains beneath or closely proximal to the building to represent a concern. An additional round of ozone injection may be appropriate. The installation of an additional ozone injection well may also be appropriate and should be discussed. Additionally the TPHd diesel plume at the southern end of the site is not defined; however, a paper analysis may provide sufficient support that this concern is adequately addressed.

With regards to RO3237, ACDEH has noted many locations with either groundwater or soil vapor detections of chlorinated solvents, which may, or may not be representative of all areas at the site, and may or may not be the tip of a chlorinated solvent plume. In that this was a truck dealership, the use of solvents is not unexpected, and can be handled under the non-petroleum case.

Currently open meeting dates include the following:

Friday June 8<sup>th</sup> 3 – 5  
Monday June 18<sup>th</sup>; 10 – 12  
Weds June 20<sup>th</sup> 10 - 12  
Friday June 22<sup>nd</sup>; 3 - 5

These are subject to claiming by others, so will be unavailable if not spoken for shortly.

*Mark Detterman*  
*Senior Geologist, PG, CEG*  
*Senior Hazardous Materials Specialist*  
*Alameda County Department of Environmental Health*  
*1131 Harbor Bay Parkway*  
*Alameda, CA 94502*  
*Direct: 510.567.6876*  
*Fax: 510.337.9335*  
*Email: [mark.detterman@acgov.org](mailto:mark.detterman@acgov.org)*

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

