

## Detterman, Mark, Env. Health

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**From:** Detterman, Mark, Env. Health  
**Sent:** Thursday, January 29, 2015 3:02 PM  
**To:** Paul King; tom@grafcon.us; 'Carey Andre'  
**Cc:** Roe, Dilan, Env. Health  
**Subject:** RE: James River Corp; RO2468 DRAFT Figure X3  
**Attachments:** 0660.R1 Figure X3 Site Plan Detail w Utilities and Proposed VPs.pdf

Carey, Paul, and Tom,

ACEH has reviewed the draft tables, and draft Figures X2 and X3, and the laboratory data report which were forwarded by email on January 22, 2015 by P&D Environmental, Inc. Thank you for forwarding the data.

As subsequently discussed by telephone on January 27, 2015 with Paul King of P&D Environmental, the data documents the results of several sub-slab vapor sampling events conducted after the ACEH approval of a sub-slab vapor work plan in an October 1, 2014 emailed directive letter. The sub-slab vapor pins consistently detected concentrations of tetrachloroethene (PCE) up to 320,000 ug/m<sup>3</sup> at VP-3 on several dates. The data indicate that 4 of the 6 vapor pin locations were above sub-slab vapor Environmental Screening Levels (ESLs) as promulgated by the San Francisco Regional Water Quality Control Board (back calculated from commercial indoor air ESLs). Additionally, the detection limit for Trichloroethene (TCE) at VP3 was significantly above the calculated sub-slab vapor ESL. The highest PCE concentration was from a location near a "lab sink clean out" as depicted on draft Figure X3.

ACEH is in agreement with the five additional vapor pin locations depicted on draft Figures X2 and X3, which are generally located around sample location VP-3, but also generally extended downgradient of VP-3 toward VP-6. In a subsequent telephone discussion with Paul King, ACEH additionally requested the addition of a sixth vapor pin location approximately midway between VP3 and VP5, approximately parallel with proposed location VP11. This is requested at this location due to the general groundwater gradient beneath the site.

Based on our telephone conversations, Paul King and I have settled on an approximate March 6<sup>th</sup> date for the submittal of the additional site data; principally as a tracking mechanism. However, also as a result of this need for additional work, I have extended the submittal date on Geotracker for a Site Investigation and Site Conceptual Model report, originally requested for December 15, 2014, until April 10, 2015. With adequate communication, additional extensions may be appropriate. ACEH appreciates the open communications and the pace of the current investigations.

Should you have questions, please contact me at the phone numbers or email address listed below.  
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>*

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**From:** [steven.carmack@pdenviro.com](mailto:steven.carmack@pdenviro.com) [<mailto:steven.carmack@pdenviro.com>]

**Sent:** Thursday, January 22, 2015 1:10 PM

**To:** Detterman, Mark, Env. Health

**Cc:** Paul King

**Subject:** James River Corp; RO2468 DRAFT Figure X3

Hi Mark,

Attached to this email is the DRAFT Figure X3. You should have received three emails with attachments (1st - Tables and Lab Data; 2nd - Figure X2; 3rd - Figure X3). Please let us know if you did not receive any of the three.

Best regards,

Steve Carmack  
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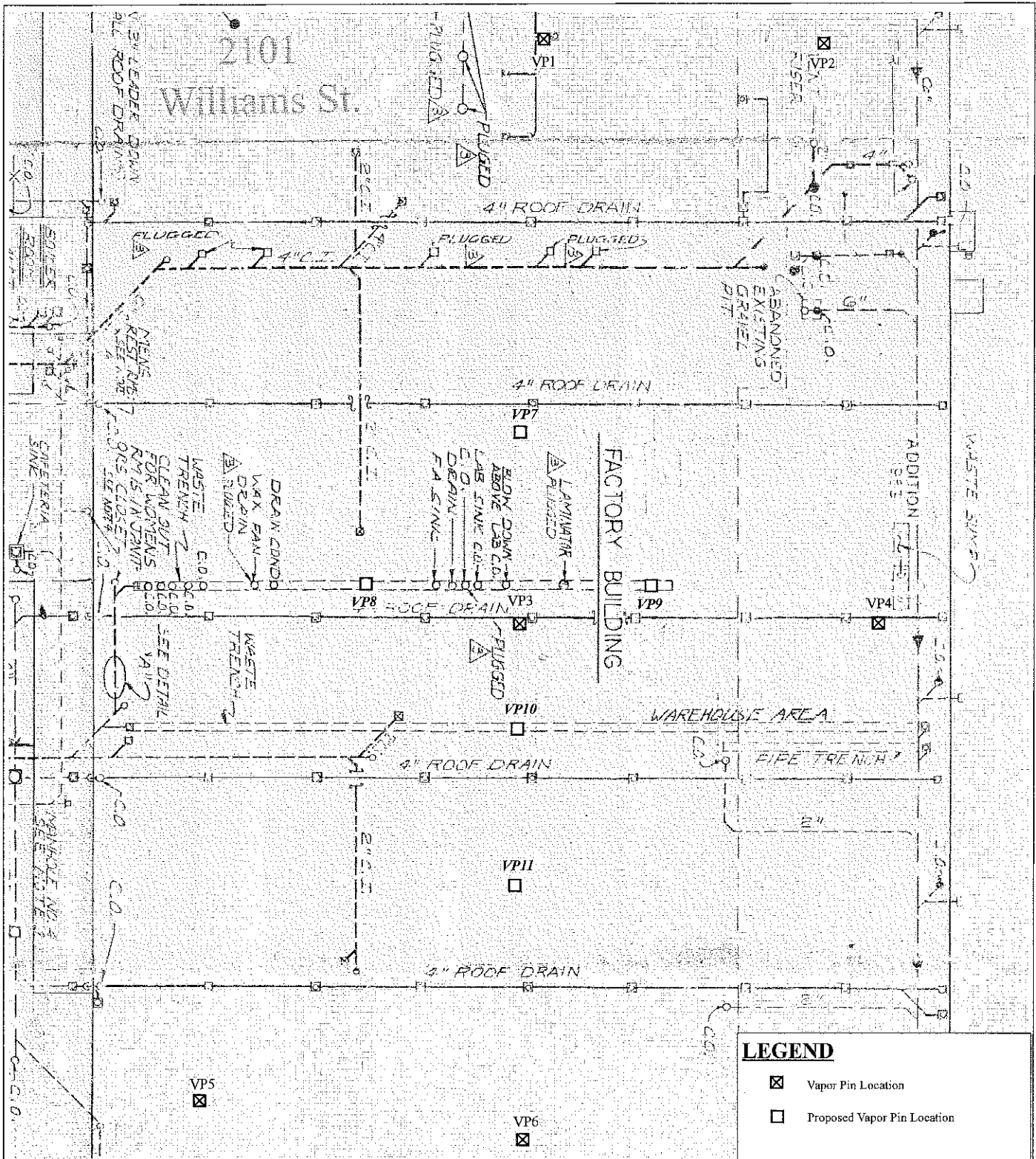


Figure X3  
 Site Plan Aerial Photograph Detail Showing Vapor Pin and Sub-Slab Utility Locations  
 2101 Williams Street  
 San Leandro, California

Base Map from:  
 Google Earth, image dated August 28, 2012

P&D Environmental, Inc.  
 55 Santa Clara Avenue  
 Oakland, CA 94610

