

**From:** [Roe, Dilan, Env. Health](#)  
**To:** [gabe.stivala](#)  
**Cc:** [Detterman, Karel, Env. Health](#); [Charles Gurney](#)  
**Subject:** RE: RO3097 SCP Program 580 Market Place Shopping Center, East Castro Valley Boulevard, Castro Valley, CA  
**Date:** Tuesday, March 31, 2015 5:13:55 PM

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Hi Gabe:

We have reviewed the Exterior Additional Soil and Soil Vapor Assessment Work Plan dated December 19, 2014 for the subject site and have several items that need clarification (listed below) and would like to discuss with you on a teleconference call.

1. Rationale for the placement of the 7 soil vapor sampling wells. 6 of the 7 proposed locations are on the perimeter of the vapor plume and therefore it appears the rationale is to define the lateral extent of the plume. Only 1 of the proposed locations (SV-22) is adjacent to a previous sample point (SV-13) with high concentrations of benzene. It is not clear to us why there are not more dual depth probes located in other areas with concentrations have been detected at previous sampling points above screening levels of PCE (SV-1, SV-6, SV-7, SV-11), TCE (SV-1, SV-5, SV-6) and benzene (SV-12, SV-13). It seems logical to us that one of the purposes of collection of additional soil gas samples at two depths is to help identify source areas in addition to collecting data on attenuation.
2. The work plan states that select soil samples and soil vapor samples will be submitted however does not define how they will be selected.
3. The RWQCB ESLs listed in the workplan the 2008 version rather than the current version. Please review all your screening level references to include the most current version
4. Also please reference Human Health Risk Assessment Note 5 – Indoor Air Action Levels for Trichloroethylene (TCE) in the work plan - Human Health Risk Assessment Note 5 describes how HERO recommends implementation of the TCE Action Levels contained in this EPA Region 9 guidance, specifically on the issues of: 1) applicability to all sites where VI is being evaluated; 2) interim measures; and, 3) response actions.

Once you have reviewed these items and formulated responses please send via email prior to scheduling a teleconference call with us.

Thanks,

Dilan Roe, P.E.  
Program Manager - Land Use & Local Oversight Program  
Alameda County Environmental Health  
1131 Harbor Bay Parkway  
Alameda, CA 94502  
510.567.6767; Ext. 36767  
QIC: 30440  
[dilan.roe@acgov.org](mailto:dilan.roe@acgov.org)

PDF copies of case files can be reviewed/downloaded at:

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

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

From: gabe stivala [<mailto:gabe.stivala@cardno.com>]

Sent: Tuesday, March 31, 2015 2:37 PM

To: Roe, Dilan, Env. Health

Cc: Detterman, Karel, Env. Health; Charles Gurney

Subject: RE: RO3097 SCP Program 580 Market Place Shopping Center, East Castro Valley Boulevard, Castro

Valley, CA

Great. Thanks.

Gabe Stivala, P.G.  
SENIOR PROJECT MANAGER/SENIOR GEOLOGIST  
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-----Original Message-----

From: Roe, Dilan, Env. Health [<mailto:Dilan.Roe@acgov.org>]  
Sent: Tuesday, March 31, 2015 8:51 AM  
To: gabe stivala  
Cc: Detterman, Karel, Env. Health  
Subject: Re: RO3097 SCP Program 580 Market Place Shopping Center, East Castro Valley Boulevard, Castro Valley, CA

Hi Gabe

I will discuss with Karel tomorrow

Dilan

Sent from my iPhone

On Mar 30, 2015, at 4:43 PM, gabe stivala <[gabe.stivala@cardno.com](mailto:gabe.stivala@cardno.com)<<mailto:gabe.stivala@cardno.com>>> wrote:

Hi Karel,

When can we expect a response on our Exterior Additional Soil and Soil Vapor Assessment Work Plan? You mentioned you would be sending a response on March 20. Please let me know.

Best regards,

Gabe Stivala, P.G.  
SENIOR PROJECT MANAGER/SENIOR GEOLOGIST  
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<image001.gif>

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