

**From:** [Soo, Kit, Env. Health](#)  
**To:** "[Divya Bhargava](#)"  
**Cc:** [Jeff Adams](#); [Roe, Dilan, Env. Health](#)  
**Subject:** RE: Baker Road Development - Castro Valley  
**Date:** Wednesday, March 15, 2017 9:13:00 AM

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Hi Divya,

Yes, it is reasonable to use the direct exposure human health risk ESL as a screening level for the surface soil samples collected from 0-12". If you have any further questions, please let me know.

**Kit Soo, PG**

***Senior Hazardous Materials Specialist***

Alameda County Department of Environmental Health (ACDEH)  
1131 Harbor Bay Pkwy  
Alameda, CA 94502  
Direct - 510-567-6791  
[kit.soo@acgov.org](mailto:kit.soo@acgov.org)

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**From:** Divya Bhargava [mailto:[dbhargava@engeo.com](mailto:dbhargava@engeo.com)]  
**Sent:** Tuesday, March 14, 2017 6:45 PM  
**To:** Soo, Kit, Env. Health <[Kit.Soo@acgov.org](mailto:Kit.Soo@acgov.org)>  
**Cc:** Jeff Adams <[jaa@engeo.com](mailto:jaa@engeo.com)>  
**Subject:** Baker Road Development - Castro Valley

Hi Kit,

We received some of the preliminary results for the soil sampling conducted at the site. We had initially analyzed the shallow samples collected from 0 to 12" at all locations. The concentrations of dieldrin detected in the shallow samples ranged between 1.7 to 32.4 ug/kg. We believe that the direct exposure human health risk ESL of 38 ug/kg (Table S-1) for dieldrin is applicable as a screening level for the site, and not the groundwater leaching ESL of 0.17 ug/kg (Table S-2). Can you please confirm this is correct?

Thanks,  
Divya

**Divya Bhargava, PE**  
Senior Engineer



ENGEO Incorporated  
2010 Crow Canyon Pl, Suite 250  
San Ramon, CA 94583  
(925) 395-2559 Phone  
(888) 279-2698 Fax  
[www.engeo.com](http://www.engeo.com)

