



**Matthew Rodriguez**  
Secretary for  
Environmental Protection



## Department of Toxic Substances Control

Deborah O. Raphael, Director  
700 Heinz Avenue  
Berkeley, California 94710-2721



**Edmund G. Brown Jr.**  
Governor

January 19, 2012

Mr. William Marsh  
Edgcomb Law Group  
115 Sansome Street, Suite 700  
San Francisco, CA 94104

Dear Mr. Marsh:

The Department of Toxic Substances Control received the letter *Soil Gas Sampling Results, Campus Bay and University of California Richmond Field Station Property Boundary, Richmond, California*. The letter was prepared by Terraphase Engineering, Inc. on behalf of Zeneca Inc. and reports the results of soil gas sampling along the boundary between the University of California Berkeley Richmond Field Station and the Zeneca/Former Stauffer Chemical Site (Zeneca Site). We have reviewed the information provided and have the following comments.

1. The U.S. Environmental Protection Agency (U.S. EPA) Integrated Risk Information System (IRIS) revised the toxicity criteria for TCE on September 28, 2011. The screening values identified in Table 1 need to be re-calculated to reflect the updated risk and hazard values based on the updated toxicity criteria for TCE. Based on the revised value, all applicable text should also be revised.
2. Amend Table 1 by removing the notes that do not apply to the table. Also, two additional columns should be added to the table. One column should provide the depth to groundwater for each soil gas sampling location, and another providing the depths of the individual vapor probes. While this information is available in the boring logs, this information will assist the reader in understanding the site conditions.

If you have any questions regarding this matter, please contact Lynn Nakashima at (510) 540-3839 or [lnakashi@dtsc.ca.gov](mailto:lnakashi@dtsc.ca.gov).

Mr. William Marsh  
January 19, 2012  
Page 2

Sincerely,



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Senior Hazardous Substances Scientist  
Brownfields and Environmental  
Restoration Program  
Berkeley Office - Cleanup Operations



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Senior Engineering Geologist  
Brownfields and Environmental  
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cc: Mr. Andrew Romolo  
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