

**Please Contact:** Craig Christmann at [CChristm@dtsc.ca.gov](mailto:CChristm@dtsc.ca.gov) with comments.

## **SOIL GAS ADVISORY FORUM AGENDA**

March 4, 2008

Los Angeles Regional Water Quality Control Board

320 West 4<sup>th</sup> Street

Los Angeles, CA 90013

9:00 – 9:20	Welcome and Introductions	Moderator – Craig Christmann, DTSC Elizabeth Allen – RWQCB Region 2
<b>Project Management</b>		
9:20 – 10:00	Modifications to guidance for Site Conceptual Model, Soil gas probe design, Purging, and Leak detection.	Robbie Ettinger, Geosyntec (15 minutes, followed by open discussion) <a href="#">Video</a> <a href="#">Power Point</a>
10:00 to 10:15	Break	
<b>Soil Gas Sampling / Analysis of Soil Gas Samples</b>		
10:15 – 10:55	Comparison of 8260B and TO15	Pearl Pereira, Iris Environmental (15 minutes, followed by open discussion) <a href="#">Video</a> <a href="#">Power Point</a>
10:55 - 11:35	Sample collection media – impact on soil gas measurements. Using syringes and implications for naphthalene.	Heidi Hayes, Air Toxics (15 minutes, followed by open discussion) <a href="#">Video starts at 28:30</a> <a href="#">Power Point</a>
11:35 – 1:00	Lunch Break	
1:00 to 1:40	Holding time requirements, canister cleaning and certification. Methane analysis – TO 3	Steve Hoyt, EAS (15 minutes, followed by open discussion) <a href="#">Video with open discussion. Hoyt at 13 min</a> <a href="#">Power Point</a>
1:40 – 2:20	Summa canister confirmation, Waiting period for Sample Collection after rain, Method 8260 analysis	Steve Jones, Jones Environmental (15 minutes, followed by open discussion) <a href="#">Video of Jones and Tудay</a>
2:20 – 3:00	Holding Times, Gas leak test compounds, Naphthalene, Detection limits, Method 8260, Shipping canisters by air, Holding time for H <sub>2</sub> S, Use of Silco Canisters; Trip Blanks	Michael Tудay, Columbia Analytical (15 minutes, followed by open discussion) <a href="#">Power Point</a>
3:00 – 3:15	Break	
3:15 – 3:55	Results from the EPA 2007 Workshop on Soil Gas Sampling & Analysis Methods and from Recent EPA Research Programs on Soil Gas Methods.	Blayne Hartman, H&P Geochemistry (15 minutes, followed by open discussion) <a href="#">Power Point</a> <a href="#">Video of the end of Tудay, Hartman, and closing.</a>
3:55 – 4:45	Open Discussion	Facilitator C Christmann

# SOIL GAS ADVISORY FORUM AGENDA

March 14, 2008

CAL/EPA Building

1001 I St. Sacramento, CA 95814

9:00 – 9:20	Welcome and Introductions	Moderator – Craig Christmann, DTSC Elizabeth Allen – RWQCB Region 2 <a href="#">Video</a>
9:20 – 10:00	Problems using Geoprobe, benefits of using a shroud, problems with rain.	Deno Milano, San Mateo County EHD (15 minutes, followed by open discussion) <a href="#">Video</a> <a href="#">Power Point</a>
10:00 – 10:15	Break	
10:15 – 10:55	Sample collection media – impact on soil gas measurements. Using syringes and implications for naphthalene	Heidi Hayes, Air Toxics (15 minutes, followed by open discussion) <a href="#">Video</a> <a href="#">Power Point</a>
10:55 – 11:35	Automated Analysis of High and Low Concentration Soil Gas Samples by EPA TO15	Tom Robinson, Entech Instruments, Inc. (15 minutes, followed by open discussion) <a href="#">Video</a> <a href="#">Power Point</a>
11:35 – 1:00	Lunch Break	
1:00 – 1:40	Summa canister confirmation, Waiting period for Sample Collection after rain, Method 8250 analysis	Steve Jones, Jones Environmental (15 minutes, followed by open discussion) <a href="#">Video</a>
1:40 to 2:20	Holding Times, Gas leak test compounds, Naphthalene, Detection limits, Method 8260, Shipping canisters by air, Holding time for H2S, Use of Silco Canisters; Trip Blanks	Michael Taday, Columbia Analytical (15 minutes, followed by open discussion) <a href="#">Video</a> <a href="#">Power Point</a>
2:20 – 3:00	An Evaluation of DTSC/LARWQCB Holding Time Requirements for Soil Gas Samples Collected in Canisters and a Look at Liquid Leak Detection Cpds	Elizabeth Winger, TestAmerica (15 minutes, followed by open discussion) <a href="#">Video</a> <a href="#">Power Point</a>
3:00 – 3:15	Break	
3:15 – 3:55	Procedures for passive soil gas sample collection and sorbent tubes to measure a broad range of VOCs	Joe Odenrantz, Beacon Environmental (15 minutes followed by open discussion) <a href="#">Video</a> <a href="#">Power Point</a>
3:55 – 4:30	Results from EPA Research on Flow Rate, Purge Volume, & more	Mark Jerpbak, TEG-Sacramento (15 minutes followed by open discussion) <a href="#">Video</a> <a href="#">Power Point</a>
4:30 – 5:00	Open Discussion	Facilitator C Christmann <a href="#">Video</a>