SOIL GAS ADVISORY FORUM AGENDA
March 4, 2008
Los Angeles Regional Water Quality Control Board
320 West 4th Street
Los Angeles, CA 90013

9:00 – 9:20 Welcome and Introductions
Moderator – Craig Christmann, DTSC
Elizabeth Allen – RWQCB Region 2

Project Management
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)
Video Power Point

10:00 to 10:15 Break

Soil Gas Sampling / Analysis of Soil Gas Samples
10:15 – 10:55 Comparison of 8260B and TO15
Pearl Pereira, Iris Environmental
(15 minutes, followed by open discussion)
Video Power Point

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)
Video starts at 28:30 Power Point

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)
Video with open discussion. Hoyt at 13 min
Power Point

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)
Video of Jones and Tuday

2:20 – 3:00 Holding Times, Gas leak test
compounds, Naphthalene, Detection
limits, Method 8260, Shipping
canisters by air, Holding time for
H$_2$S, Use of Silco Canisters; Trip
Blanks
Michael Tuday, Columbia Analytical
(15 minutes, followed by open discussion)
Power Point

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)
Power Point

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

9:20 – 10:00  Problems using Geoprobe, benefits of using a shroud, problems with rain.

10:00 – 10:15  Break


10:55 – 11:35  Automated Analysis of High and Low Concentration Soil Gas Samples by EPA TO15

11:35 – 1:00  Lunch Break

1:00 – 1:40  Summa canister confirmation, Waiting period for Sample Collection after rain, Method 8250 analysis

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

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

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

3:55 – 4:30  Results from EPA Research on Flow Rate, Purge Volume, & more

4:30 – 5:00  Open Discussion