

**Cleanup Standards Scientific Advisory Board
Meeting Minutes
December 17, 2014**

CSSAB Members Present:

Ronald Buchanan
Joel Bolstein
Chuck Campbell
Annette Guiseppi-Elie
Michael Meloy
Craig Robertson
Tina Serafini
Mark Smith
Mark Urbassik
Donald Wagner

Environmental Protection Staff Present:

C. David Brown
Troy Conrad
George Hartenstein
Mike Maddigan
Frank Nemec
Keith Salador
Brie Sterling

Others Present:

John Clarke
Colleen Costello

Call to Order

Chairman Ronald Buchanan called the Cleanup Standards Scientific Advisory Board (CSSAB) meeting to order at 9:05 a.m. and requested around-the-room introductions.

The minutes from the July 24, 2014 meeting were approved with no edits.

Land Recycling Program (LRP) Update

DEP (Troy Conrad) addressed the CSSAB regarding board openings and presented DEP and LRP program status updates as follows:

- In addition to one current vacant position (Senate minority appointment), the terms of six CSSAB members (Joel Bolstein, Annette Guiseppi-Elie, Michael Meloy, Ron Neufeld, Craig Robertson, and Tina Serafini) are expiring in June 2015. Five of the six appointments (except for Dr. Serafini) are DEP Secretary appointments. These five members will need to express their written desire to continue their membership to the DEP in order to have their board membership renewed for another term.
- The proposed 2015 board meeting dates were shared: April 22, August 26, and December 16.
- LRP staff update: Mike Maddigan has replaced the retired Dave Crownover as Environmental Group Manager of the Voluntary Cleanup and Standards section; Randy Roush is the new Environmental Group Manager of the Program Support Section.
- Mr. Conrad concluded the update with statistics regarding the number of Act 2 submissions received statewide for the previous 12-month period and average report review times calculated for statewide LRP staff.

Vapor Intrusion

DEP (Mike Maddigan) reviewed the text of the proposed revised Vapor Intrusion (VI) guidance document. Following Mr. Maddigan's review of the text, Dave Brown of DEP reviewed Appendix X (Methodology for Developing Statewide Health Standard VI Screening Values), Appendix Y (VI Modeling Guidance), as well as other miscellaneous technical aspects of the proposed VI guidance document. The following issues/concerns were raised by CSSAB regarding the draft guidance document:

- The focus on preferential pathways has shifted to bedding materials with regard to definition and use description. This is a change from previous drafts of the guidance document. Some additional review by the IAQ subcommittee will be undertaken to improve the definition and screening methodologies.
- Flexibility needs to be added to SSS screening, for example, use 10^{-5} RSL screening values when VI is only pathway.
- Consider changing the definition of "contamination" to a fraction of the screening values instead of the PQL. Chasing the PQL while delineating the extent of contamination will be costly and time consuming.
- Will the DEP grandfather Act 2 sites that have already received liability relief? If so, this should be addressed in the document.

- Modeling – Change text in Appendix Y regarding the restriction of not allowing model-derived concentrations as input data for J&E. Make it match the text in the main document.
- Temporal Variability – Need to find a way to account for temporal variability without excessive sampling requirements.

In general, CSSAB members were concerned that the proposed VI guidance may be overly burdensome; the fear is that many stakeholders may be tempted to not enter the Act 2 program due to the complicated VI guidance.

Chapter 250 Regulations

DEP (Troy Conrad) discussed the Chapter 250 revisions proposed. These include changes to the text of the Chapter 250 Regulation, and revisions to the soil and groundwater medium specific concentrations (MSC) based on various default exposure assumptions.

CSSAB unanimously carried the motion to approve the proposed regulation package with the exception of failing to re-calculate the MSC for methyl tert-butyl ether using consistent methodologies. Mr. Buchanan stated that written confirmation of the board's approval of the regulation package will be forthcoming very soon.

Mr. Conrad reported that the regulations will not become effective until the 3rd quarter of 2015 at the earliest.

Meeting Adjourned at 2:30 p.m.