

**Cleanup Standards Scientific Advisory Board
Meeting Minutes
July 24, 2014
Rachel Carson State Office Building
14th Floor Conference Room**

CSSAB Members Present:

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

Environmental Protection Staff Present:

C. David Brown
Troy Conrad
Walt Harner
Mike Maddigan
Brie Sterling
Pamela Trowbridge
Noreen Wagner

Others Present:

Colleen Costello
Kevin McKeever

Call to Order

Chairman Ronald Buchanan called the Cleanup Standards Scientific Advisory Board (CSSAB or board) meeting to order at 9:15 a.m.

The minutes from the March 19, 2014 meeting were approved.

Land Recycling Program (LRP) Update

Troy Conrad addressed the CSSAB regarding board openings and presented DEP and LRP program status updates. The Senate Minority appointed Board position is currently vacant. The acting program manager in the Northwest Regional Office is Gary Mechtley. Dave Crownover

retired from the Bureau of Environmental Cleanup and Brownfields and Mike Maddigan has been promoted to replace him. Tom Mellott accepted the Hazardous Waste Division Director position in the Bureau of Waste Management. Tom's former position in the Bureau is currently vacant.

- Ongoing LRP program activities include:
- Pa. Code Chapter 250 Administration of Land Recycling Program revisions have continued since the public comment period has closed.
- Technical Guidance Manual (TGM) revisions are ongoing.
- The LRP is tracking Standard Operating Procedure (SOP) performance for regional office LRP staff.
- The LRP is tracking common deficiencies cited in deficiency letters.
- LRP staff is working with EPA to facilitate PCB cleanups under the one cleanup program.
- It was recommended that a TGM subcommittee meeting be scheduled prior to the next CSSAB meeting.

Suggestions related to program updates were made by several board members. A request was made that the LRP share with the board common deficiencies in Act 2 reports that the Bureau is cataloging. The board requested that a timeline for the TGM draft be provided. The board would like the first section to be available at the next meeting. The vapor intrusion guidance could possibly be released prior to the remainder of the TGM. The board stressed its belief that interface issues will be an important section of the TGM. The board suggested that the subcommittee could discuss DEP proposals at future meetings.

Separate Phase Liquids at storage tank action sites

Troy Conrad requested an agenda change to facilitate staff schedules. Noreen Wagner presented an overview to the board on proposed language to address Chapter 245 sites. DEP is developing additional guidance that will further clarify and define when removal of non-aqueous phase liquids for regulated storage tank corrective action meets maximum extent practicable requirements based on work from the applicability subcommittee from 2004 to 2007, ITRC, ASTM, and the board's TGM workgroup. The written concepts provided in the meeting package were presented to the board for discussion.

The CSSAB recommended that this discussion be moved to the applicability subcommittee. Mark Urbassik was nominated as chair of the subcommittee. Joel Bolstein requested to join that committee. The subcommittee has been asked to bring comments and recommendations on this language to the next CSSAB meeting.

Vapor Intrusion

Mike Maddigan presented the draft statewide health vapor intrusion (VI) language to the board. The vapor intrusion information included screening values for soil, groundwater, sub-slab soil gas, near source soil gas, and indoor air. Multiple and single lines of evidence approaches were presented as different means of addressing vapor intrusion. Modeling is also permitted to address vapor intrusion with specific limitations.

- Board members commented on DEP’s proposed vapor intrusion approach as follows:
- Comments from the VI core workgroup will be forwarded to the full CSSAB and another series of meetings with the workgroup will be scheduled.
- Definitions need to be provided for specific terms such as “source” and “site-specific.”
- The term “clean soil” should be changed and the definition needs to be clarified to avoid confusion.
- The attainment language needs to be revised or removed. The process is not for attainment of a standard but for the evaluation of a pathway.
- The board requested to have the screening/evaluation apply to both the Statewide health standard and the site-specific standard.
- The board recommended the inclusion of all contaminants of concern within an OSHA plan, not just those that are used on site as part of the use of the OSHA PEL section.

Meeting Adjourned at 3:20 p.m.