

**Cleanup Standards Scientific Advisory Board  
Meeting Minutes  
March 19, 2014**

**CSSAB Members Present:**

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

**Environmental Protection Staff Present:**

C. David Brown  
Troy Conrad  
Dave Crownover  
George Hartenstein  
Mike Maddigan  
Tom Mellott  
Frank Nemec  
Brie Sterling

**Others Present:**

Cullen Flanders  
Neil Ketchum  
Brian Sauls

**Call to Order**

Chairman Ronald Buchanan called the Cleanup Standards Scientific Advisory Board (CSSAB) meeting to order at 9:00 a.m. and requested around-the-room introductions.

The minutes from the October 23, 2013 meeting were approved, with one edit:

- Indoor Air Quality (IAQ) subcommittee was expected to meet sometime during the first two weeks of December 2013. That meeting did not occur.

It was also noted that the Technical Guidance Manual (TGM) work group had no further revisions to offer.

### **Land Recycling Program (LRP) Update**

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

- There currently exists one opening on the CSSAB. This is a Senate Minority appointed position.
- Status updates regarding the following LRP priorities was discussed: TGM revision, Chapter 250 regulation revisions, Oil & Gas Spill Policy/Act 2 interaction, and Uniform Environmental Covenant Act Standard Operating Procedures.
- Within the next year, DEP intends to discuss with USEPA the management of PCB contaminated properties in the Commonwealth which have entered the Act 2 program.
- DEP staff have been involved in many outreach activities since the previous CSSAB meeting, including co-hosting the Pennsylvania Brownfields Conference, continued partnership with Pennsylvania Council of Professional Geologists to develop Act 2 training courses, and attending various meetings throughout the Commonwealth.
- Dave Crownover, Central Office Voluntary Cleanup and Standards Section Chief, is to retire from Commonwealth service in April 2014.
- CSSAB suggests the DEP consider further internal discussions for the development of cleanup standards for releases related to Oil & Gas Program site work.
- DEP reported that a draft of the TGM will be completed during the second half of 2014. DEP intends to produce three documents related to the revised TGM for CSSAB to review: a draft revised TGM with tracked changes, a draft clean TGM, and summary list of all revisions proposed for the TGM.

Secretary Abruzzo and Deputy Secretary Vince Brisini briefly attended the CSSAB meeting to acknowledge the important work advisory boards provide to the Department.

## **Vapor Intrusion**

DEP (Troy Conrad) presented the DEP's draft Vapor Intrusion Guidance proposal to the CSSAB. Two approaches were discussed, one allowing for soil gas sampling to evaluate undeveloped areas of a site and one which would not address undeveloped areas. After discussion between the DEP and CSSAB members, it was decided to use the IAQ subcommittee to further evaluate how soil gas sampling can be used in evaluating vapor intrusion. The first meeting of the IAQ subcommittee (conducted via teleconference) will be held within the first two weeks following this CSSAB meeting.

## **Other Business**

The next scheduled CSSAB meeting is October 15, 2014. A new CSSAB meeting will be scheduled in July to review IAQ work on vapor intrusion.

**Meeting Adjourned at 1:50 p.m.**