

**PGDP Citizens Advisory Board
Water Task Force
July 11, 2003 * CAB Office**

CAB Members Present: Merryman Kemp
Linda Long
Jim Smart, Chair
Dorothy Starr

DOE Representatives Present: Gary Bodenstein

KY Division of Waste Mgt: Brian Begley (via teleconference)
Gaye Brewer
Janet Miller

Support Staff Present: Melanie Brewer
Kendra Payne

The meeting was called to order at 12:00 p.m.

Kentucky Pollutant Discharge Elimination System (KPDES) Permit Update

Larry Sowder, the KPDES permit writer, was unable to attend the task force meeting; however, via email he provided an update for the CAB stating he had not reviewed the renewal applications. Staff will contact Sowder and invite him to the next task force meeting at the request of Smart.

Begley suggested Tanner call Sowder to answer his question about issuing a permit for storm water drains suspected to have leaks. Begley said it was his understanding that this permit is exempt from the condition mentioned by Tanner.

Six-Phase Heating Treatability Study Update

Bodenstein reported the Six-Phase Heating System is working properly. Bodenstein said the U.S. Department of Energy (DOE) will request an extension to operate for 90 additional days due to the days that were lost because of operational problems. He also reported the operational sampling results taken at 60 percent completion of the project indicate trichloroethylene (TCE) at various depths. Bodenstein said the operational sampling taken at 80 percent completion of the project is finished, but results are not yet available. Bodenstein reported electrode number four ceased to operate due to corrosion occurring around the electrode. He said the vendor has made repairs and the electrode is now operational.

Smart said he visited the project site earlier in the week. He reported that eight granulated activated carbon (GAC) units have been filled with TCE. Bodenstein said there is an estimate of 300 gallons of TCE per GAC. He said there is approximately 180,000 gallons in the ground, but that 2,400 gallons have been recovered.

Smart asked if the depth at which the system is heating has reached below 80 feet. Bodenstein said yes, just not as quickly as anticipated.

North-South Diversion Ditch (NSDD) Update

Gaye Brewer reported DOE is in formal dispute with the U.S. Environmental Protection Agency (EPA) and the Commonwealth of Kentucky regarding sampling of sections 1 and 2. Begley said the Kentucky Division of Waste Management (KDWM) received the Process Knowledge Review of Historic Non-Solvent Discharges to the NSDD document from DOE at the end of June. He said the document examines whether any contaminated environmental waste generated from the NSDD project would be classified as hazardous waste. Bodenstein said DOE will submit a document on F-listed waste to Kentucky on July 30.

End State Vision of Ground and Surface Water

The task force discussed the role they will play in determining a path forward to assist the Long Range Strategy/Stewardship Task Force in making a recommendation on the end state of the Paducah site.

Bodenstein said he received a guidance document from Oak Ridge regarding stewardship issues and he will provide a copy to the Water Task Force.

Smart said the Paducah Area Community Reuse Organization (PACRO) has invited the University of Kentucky to become involved in the reuse of nickel ingots.

Next Month's Agenda

The task force decided that next month's agenda should consist of the following items:

1. Kentucky Pollutant Discharge Elimination System (KPDES) Permit Update
2. Six-Phase
 - A. Update
 - B. How Success is Determined
 - C. DOE Technology Review Meeting
3. North South Diversion Ditch (NSDD) Update
4. End State Vision of Ground and Surface Water
 - A. Quality of Water
5. Next Month's Agenda

The meeting adjourned at 1:35 p.m.

Action Items

Staff: Invite Sowder to August task force meeting.

Staff: Provide Tanner with Sowder's contact information.

Staff: Provide guidance document to the task force mentioned by Bodenstein.