

**PGDP Citizens Advisory Board
Water Task Force
March 7, 2003 * CAB Office**

CAB Members Present: Merryman Kemp
Jim Smart
Dorothy Starr

DOE Representatives Present: Gary Bodenstein

KY Division of Waste Mgt: Gaye Brewer
Leroy Chittenden (via teleconference)
John Maybriar (via teleconference)
Todd Mullins (via teleconference)
Tuss Taylor (via teleconference)

BJC Representative Present: Craig Jones (via teleconference)
Larry Young (via teleconference)

Support Staff Present: Kendra Payne
Stacey Young

Members of the Public Present: Vicki Jurka
Al Puckett

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

Kentucky Pollutant Discharge Elimination System (KPDES) Permit

Smart said it was his understanding that the existing permit will be extended. Brewer said yes, and that it would be a month or two before the proposed permit will be drafted. Smart asked if the proposed permit will differ from the existing permit. Brewer said she expected it to stay the same. Maybriar stated after the permit writing is complete, it will be sent to the Division of Water Manager, Jeff Pratt, for review. Smart asked what would be the best way to voice any recommendation on behalf of the task force. Maybriar said the task force can, at any time, submit comments. He said there will also be a 30-day comment period once the draft is released.

FY03 Budget for Water Quality Issues

Bodenstein provided a budget breakdown of groundwater issues. He said the figures do not include surface water projects. The groundwater budget for FY03 is as follows:

Water Policy	\$167,000
Northeast/Northwest Plume Treatment	\$2.9 million
Well Monitoring	\$3 million
C-400 Six-Phase Treatability Study	\$6.9 million
Groundwater Assessment	<u>\$1.5 million</u>
	\$14.6 million

Smart asked to be provided with the deltas from the FY02 budget as well as the FY02 actual expenses. Smart also asked to be provided with surface water budget information. Young asked Smart on which surface water projects he would like information. Smart said he would like budget information regarding the North-South Diversion Ditch, Scrap Metal Removal Project, and Environmental Surveillance.

Smart asked for a brief update on the Six-Phase Heating Treatability Study. Bodenstein reported the thermal resistance heating system was shut down because fuses had malfunctioned. The fuses have been replaced and the system is running. Jones said the ground temperature has reached 80 degrees Celsius.

Mullins asked if there have been any more vinyl chloride detections. Jones said vinyl chloride is no longer a problem. He said clipping levels have been established. Smart asked if the clipping levels were levels they do not want to exceed. Jones said yes, and that if those levels are reached the system will shut down. Smart asked what does “shut down” mean? Jones said all power will be shut off and all interlocking valving will be closed such as to isolate the system and prevent escape of fugitive emissions. Maybriar asked what is the source of the vinyl chloride. Jones said it is a natural source found in the ground. He also said Thermal Remediation Services, the technology license holder, has found the presence of low levels of vinyl chloride to be typically found in the application of this type technology.

Bodenstein said the task force might be able to attend a local workshop regarding the Six-Phase System. He said he will pass along the information, as it becomes available.

Corps of Engineers Modeling

Bodenstein reported the Corps of Engineers will not allow CAB members access to the current model due to the sensitivity of proprietary information. He invited task force members to come to his office to view the groundwater model.

Chairs Meeting Presentation

The task force reviewed a rough draft of the presentation. The task force did not have any additional input. Bodenstein suggested obtaining information from the *Final Environmental Assessment for Waste Disposition Activities for the Paducah Site*.

The meeting adjourned at 1:55 p.m.

Action Items:

- Staff: Provide budget breakdown on surface water activities.
- DOE: Provide information to task force regarding Six-Phase workshop.