

**PGDP Citizens Advisory Board
Water Task Force
September 6, 2002 * CAB Office**

CAB Members Present: Mark Donham (via teleconference), Linda Long, and Bill Tanner

DOE Representatives Present: Gary Bodenstein, Raul Castaneda, and David Dollins

Kentucky Div. Of Waste Mgmt: Brian Begley, Linda Martin, Todd Mullins, and Tuss Taylor (all via teleconference)

Support Staff Present: Chris Marshall, BJC; Kendra Payne, C. J. Enterprises

Public: Vicki Jurka, Al Puckett

The meeting was called to order at 12:15 p.m.

SCRAP METAL REMOVAL

Castaneda reported the construction is complete on the storm water collection basin for the scrap metal disposition project. A letter was sent to the regulators on September 4, 2002, informing them that the basin had been tied into the 60-acre watershed that includes the scrap metal areas.

Tanner asked if the water in the basin was retained until tested. Castaneda answered yes and also stated that it would be some time before anything will be discharged from the basin. Linda Martin asked if the discharge is going to be monitored. Tanner stated that the discharge would merge with Outfall 001 and would be monitored there. Bodenstein added that the discharge at Outfall 001 would be tested for trichlorethene (TCE), Technetium-99 (Tc-99) and solids to maintain compliance at the Kentucky Pollution Discharge Elimination System (KPDES) Outfall 001. Tanner asked if the operation and monitoring plan would set the standard for other sites. Castaneda indicated that only pH and total suspended solids (TSS) would be monitored at the sediment basin. Taylor and Martin indicated that the Commonwealth of Kentucky would be doing some monitoring at the sediment basin as well. Castaneda said that the sediment basin was designed for a 30-year life span. Tanner also asked if anything had been addressed about testing any sludge that might occur at the bottom of the basin. Marshall said the testing of sludge would happen throughout the life of the basin.

Castaneda stated that scrap metal disposal has not started yet because DOE does not have access to the Nevada Test Site (NTS). Donham inquired about what part of the process the aluminum ingot came from. Castaneda said he could not answer the question.

Puckett felt that the ingots should be tested and sent to the proper place. Castaneda informed Puckett that the ingots had been tested to determine whether or not they met the NTS waste acceptance criteria (WAC). He also stated that the ingots meet the WAC at NTS.

NORTH-SOUTH DIVERSION DITCH (NSDD)

Dollins reported that DOE has received comments back on the D2 Record of Decision (ROD) from the U.S. Environmental Protection Agency (EPA) and the Commonwealth of Kentucky. He stated they have incorporated some of the comments and are using that draft as a working copy, which has been transmitted to Bill Murphie at DOE Headquarters. Tanner asked if there were any water concerns. Dollins replied that there were no groundwater or surface water issues. Martin reported that a basin will go in the NSDD and the north side culverts will be removed.

GROUNDWATER

Bodenstein reported that the C-Sparge project field mobilization would occur in late September.

Bodenstein updated the task force on the Six-Phase project. He reported that four monitoring wells are complete. He also stated that 12 of the total 15 piezometers and 2 of the total 7 electrodes were complete. Bodenstein stated that on September 6, 2002, work was stopped on well no. 4 due to finding vinyl chloride. They are currently evaluating the needs for Level B protection for the drillers.

Tanner asked when the Six-Phase Heating System would be operational. Bodenstein reported the system is planned to start in December. Tanner asked how long it would take to determine if the system is successful. According to Bodenstein, it will take 130 days, involving 2 sampling events, as well as confirmation sampling after shutdown. Mullins added if the system is successful, 72 electrodes would be installed.

Tanner asked Bodenstein to give a 15-20 minute presentation during the October CAB meeting on the Water Policy. The task force agreed the following issues should be addressed in the presentation:

1. Process involved in working out agreements with landowners.
2. How and when the policy can change.
3. Rights the landowners do or do not have.
4. Areas covered by the "water policy box", particularly the Metropolis Lake Road area.
5. Compensation process for landowners.
6. Location where water is being tested.

Bodenstein agreed to make sure these issues were addressed in the presentation. Martin and Mullins stated they would be present at the October CAB meeting for discussion, with Mullins speaking on alternatives to the Water Policy.

Tanner wanted to know the process to follow if someone wanted to have his or her well tested. Mullins said the State would test wells when they are presented with a request, provided the well meets certain criteria.

Jurka asked for a copy of the original Freedom of Information Act (FOIA) letter dated 1988. Dollins stated he would provide a copy for her.

C-746-U LANDFILL

Dollins reported that due to litigation, DOE was not prepared to discuss the Risk and Evaluation Report for the C-746-U Landfill. He stated if anyone had questions, they should put them in writing and address them to Don Seaborg, DOE Paducah Site Manager. Tanner asked if the new monitoring wells were functioning yet. Dollins reported that they have been installed.

Jurka requested a copy of the Risk and Evaluation Report for the C-746-U Landfill on behalf of Ruby English. Dollins said he would provide a copy to English.

The meeting was adjourned at 1:45 p.m.