

**PGDP Citizens Advisory Board
Waste Operations Task Force
January 14, 2004 * CAB Office**

CAB Members Present: Rhonda McCorry
John Russell, Chair
Dorothy Starr
Bill Tanner

DOE Representatives: David Dollins
Glen Newtown

KY Division of Waste Mgt: Brian Begley
Jon Maybriar

BJC Representatives Present: Bryan Clayton

Support Staff Present: Kim Crenshaw
Kendra Payne

Public: Larry Starr

The meeting was called to order at 5:30 p.m.

Burial Grounds Operable Unit

Clayton presented information on the Burial Grounds Operable Unit (BGOU). He described the scope of this project that consists of the Comprehensive Environmental Recovery, Compensation and Liability Act steps required by law for protection of human health and the environment. He discussed the description and brief issues of the eight solid waste management units (SWMUs) that are included in the BGOU. Clayton said the Remedial Investigation/Feasibility Study Work Plan is due to the Commonwealth of Kentucky on June 30, 2005.

Russell said that before BGOU could be presented to the Board, he would need additional information such as:

- A map showing the location of each SWMU
- How many acres are involved in each SWMU
- Volume of material of each SWMU
- What period of time the SWMU was placed at its location and the requirements at that time for disposition
- Characteristics or type of material
- Potential risk or concern

Tanner suggested including the description of construction techniques used for the burial grounds. He said the end state vision the Board is drafting will include the removal of the burial

grounds. He stated at the present time it is more cost efficient for DOE to leave the burial fields, but after legacy management takes over there is concern that it will be more expensive for the taxpayers to have the classified grounds maintained.

Clayton said all the information is available and can be provided. Russell said he would like to have all the information at the next Waste Operations task force to ensure enough information is provided to make a presentation to the Board.

Tanner asked if the Board would be able to comment on the Workplan for this project. Clayton said it is DOE's discretion whether or not to involve the Board. Maybriar said there is a scoping meeting involving the Commonwealth of Kentucky and DOE to design the workplan. Tanner asked if a member of the Board could observe or participate in these meetings. Dollins said he did not know to what degree the scoping meeting would be conducted or if there will be a scoping meeting locally. He said he does not anticipate the CAB being involved in this meeting. He said the meeting is for the Commonwealth of Kentucky and DOE to work out concerns. Russell stated that the Board needs to be informed earlier to be able to participate as an advisory Board to DOE. Dollins said the task force will be provided with updates of the status of projects in order for the Board to have input.

Revisit S&T Landfill Recommendation

Russell stated the original recommendation requested that DOE should include installation of a fourth transect in the proposed S&T Landfills Scoping Plan to provide information that may prove helpful in determining the source of contamination. Dollins stated that DOE and the CAB need to have the same objectives for this project.

Payne provided the *C-746-S&T Landfills Third Quarter Calendar Year 2003 Groundwater Report, Paducah Gaseous Diffusion Plan, Paducah, Kentucky, BJC/PAD-542/V3* that was requested at the previous Waste task force meeting.

Tanner said DOE has stated that the fourth transect is not necessary because there are enough wells on the north side of the area with sufficient data. He stated there are monitoring wells on the other three transects also but DOE claims those do not provide enough data. Russell said the concern is that no action will be taken if the contamination source in the plumes is determined to come from the landfill area. He stated if the S&T Landfill is determined as a source, remediation has to occur. Dollins said remedial action only occurs if compliance points and concentration levels are exceeded.

Clayton stated that the purpose of the Site Investigation Work Plan for the C-746-S&T Landfills is to determine whether trichloroethylene or technetium-99 detected in the groundwater monitoring wells in the area of the S&T Landfills is originating from up-gradient sources. He said the workplan proposes installation of a series of borings to gather groundwater samples from areas up-gradient of the landfills. He stated these results will be compared to the values detected in the S&T Landfill's existing monitoring wells.

Russell stated it is unlikely that the site investigation will yield a result that establishes whether all of the groundwater contamination in the vicinity of the S&T Landfills stem from up-gradient

sources. He said if a portion of the groundwater contamination concern is determined to come from up-gradient sources, the proposed remediation measures will not be affected and will not identify any new risk or cause any existing risk to be evaluated at a higher level. Russell stated there is little possible value of the results from the proposed study comparable to the cost.

Tanner said the only part of the project that would have any value is the fourth transect. Dollins said he believed the task force was stating that the fourth transect is the only valuable portion of the project, and that if the fourth transect was not going to be implemented, the study has no value. Clayton said the plan has been submitted to the Commonwealth of Kentucky and the U.S. Environmental Protection Agency (EPA). He said the Commonwealth of Kentucky has granted conditional approval, but he is unaware what the conditions were and he is unsure if EPA has responded.

Tanner said he would like to leave the recommendation as it was currently submitted until DOE and the Commonwealth of Kentucky decide on the future of this project. Tanner suggested making a recommendation that the proposed S&T Landfill Site Investigation be discontinued. The task force agreed. Russell said he would prepare the recommendation to present at the January Board meeting.

C-746-U Landfill Variance Public Meeting

Russell said there would be a C-746-U Landfill Variance Public Meeting held by the Commonwealth of Kentucky on January 20, 2004, at 7:00 p.m. at Heath High School.

Other

Maybriar stated that the Surface Water Operable Unit scoping meeting would be January 20, 2004. He said he believed the CAB should be able to comment before the documents are completed. Tanner asked if CAB support staff could be present for this meeting. Maybriar said DOE would have to make that determination.

Newtown reported that 4,200 tons of non-hazardous waste has been disposed in the U-Landfill during the first quarter of fiscal year 2004. Russell asked if the soil from the NSDD had been added to the landfill. Newtown said no. He said DOE was waiting on the verification sampling before the soil could be disposed in the NSDD.

Next Month's Agenda.

1. Burial Ground Operable Unit
2. S&T Landfill Update
3. C-746-U-Landfill Update
4. NSDD Sections 3, 4, and 5 Update

The meeting adjourned at 7:30 p.m.

Action Items

Clayton: Provide Waste task force with additional information on BGOU.

Staff: Provide BGOU slides for Russell to present to Board.