

PGDP Citizens Advisory Board
Surface Water Operable Unit Task Force Meeting
January 8, 2002 7:30 a.m.– CAB Office

Task Force Members Present: Judy Ingram, Bill Tanner
Bechtel Jacobs Representatives: Karen Atchley, Chris Marshall
Contractor Support Staff: Jill Holder, DiG

Tanner suggested changing the meeting time for future task force meetings to noon.

SEDIMENTATION BASINS/SCRAP YARD REMOVAL

Tanner asked how much area the sedimentation basin covers. Atchley said that the total area of the sedimentation basin is 15 acres. After every rain event water in the basin will be tested. Tanner asked if there would be on site treatment of the water after testing. Marshall said water could be treated on-site if it meets standards. Atchley said the cleanup of the scrap yard area surface would last approximately four years. Material would be collected in batches and there would be manifest and profile sheets for each container. Some of the material is classified. There would be radiological surveys and tests. Swipes and statistical batches would be used for testing. NTS and Envirocare will not take material unless good statistical tests are completed for the scrap yard material.

Tanner asked what would happen to material found under the scrap piles. Marshall said workers had not yet reached the sub gradient level.

Tanner asked what would happen to the basin after the project ended. Atchley said there is a possibility the sedimentation basin could be used for future drainage needs. Marshall said the basin could remain as part of the site-wide sediment controls.

NORTH SOUTH DIVERSION DITCH

The draft was submitted to regulators on December 20, 2001 and the Record of Decision is scheduled to be signed in January. The project has been divided into four separate subcontracts. Ingram asked if waste from this project would be placed in the C-746-U Landfill. Marshall said that the waste would first be characterized. Based on current information a large percentage will meet the landfill's waste acceptance criteria.

Ingram suggested that interested board members take a tour of the North South Diversion Ditch.

SEWER REHABILITATION

Tanner said the task force was interested in scheduling a tentative presentation to the board in February. He said many water pipes are leaking under the plant. Tanner said he wanted to recommend that DOE locate and fix leaks rather than waiting for costly study results before beginning work. Tanner said he thinks the leaky sewers are driving the groundwater contamination further from the site.

Ingram asked if the lines were buried in the sand. Marshall said that some process lines are buried in sand.

Ingram asked if there was a possibility the leaks could cause contamination under and between pipes on site. Marshall said this kind of contamination has been identified at 333A and 337A, cascade buildings on the east side of the plant, where workers will put in a slip-line to alleviate the problem. Characterization of other areas is scheduled for the future.

Marshall said that DOE has been monitoring water during rain events. Tanner said it would be a good idea to store initial rain for testing. He added that municipal water districts must store the initial rain for the first 30 minutes for testing. Marshall said DOE is discussing using a system to capture initial rainfall in the future.

Tanner said he would like the task force to have a summary of base line dates for sewer actions as well as pressure line information.

Tanner said fixing pressure and gravity pipes would have an impact on the Regional Gravel Aquifer. Marshall said taking out lines at USEC affects the gaseous diffusion process.

Ingram asked if money was available to take action before 2006. Marshall said DOE has to know the nature and extent of contamination before action is taken. The CORE Team has given a high priority to groundwater. If USEC is involved, a nuclear criticality safety analysis must be done.

Tanner suggested that DOE hire a company to use a non-destructive method to locate leaks.

Ingram suggested that the process lines be included in a study.

The meeting adjourned at 9:25 a.m.