

Board of Directors
Special Meeting
August 9, 2004

The Jefferson County Public Service District held a special meeting to discuss possible changes to the Flowing Springs Wastewater Facilities Plan on Monday, August 9, 2004 at 7 PM at the Jefferson County Public Meeting Room, 200 E. Washington Street, Charles Town. Members of the Board present: Marty Kable, Jack Lantzy, and Joe Hankins. Also Present: Susanne Lawton, General Manager PSD and Al Hooper, County Commissioner (Commissioner liaison to PSD). Guests: John Tuggle, Pentree.

At the August 2 Jefferson County Public Service District Board Meeting, Will Smith of Pentree, Inc. presented the Board with a draft facility plan. The purpose of this special meeting was to discuss that draft with the public.

John Tuggle representing Pentree, Inc. gave a presentation, with comments received from the audience, on the draft his firm compiled. He stated that Pentree had been working on the Flowing Springs Wastewater Facilities Plan since 1998. Since the previous public hearing where Pentree had proposed a plant at Cattail Run, the Board members decided, after listening to citizen input, that they should look at another location.

The plant is proposed to be located south of US 340 at the highway's intersection with WV 230. The nearest facility to the proposed plant is Blue Ridge Outfitters. The plant is expected to have a capacity of 1/2 million gallons per day with the capability to expand to 2 million gallons per day. The new plant is being designed to be able to meet the stringent discharge requirements proposed by the Chesapeake Bay initiative.

Pentree's draft document was made available for anyone who desired a copy. Any comments need to be put in writing and sent to the Jefferson County Public Service District.

Paul Burke wanted to know who would be expected to hookup to the new plant. John Tuggle stated that the requirements for hookups use to be any home that is less than 300' away from the line had to hook up, and now the requirement is vague. The new requirement states that anyone living near the line has to hookup. The sewage must be able to flow by a gravity line into the main line; if it must be pumped from the house

it will not be forced to connect. Concerns were expressed for people who are on septic systems who can't afford to hookup to public sewer.

Ozone and ultraviolet light are each being considered for final disinfectant of the effluent discharge line before it goes into the river.

There are two plants that are being considered, a SBR (Sequential Batch Reactor) that is similar to what Charles Town has now and a MBR (Membrane Bioreactor). Because of the Chesapeake Bay requirements of 5 parts per million of nitrogen and 0.5 parts per million for phosphorus, Pentree is trying to design both plants to comply with these strict guidelines. The requirements today are 10 parts per million on nitrogen and 5 parts per million for phosphorus.

Paul Burke was questioning the sampling plan. John Tuggle replied that the plan has not yet been established. He wanted to know if sampling would occur on the same day that Charles Town does their sampling. John Tuggle replied that it would be up to the District to decide on the sampling plan.

One of the payouts for a new plant is that there would be twenty years before any major upgrades would be needed. At that point the technology will have changed and an upgrade to something better would be available.

Jane Peters, Director of the Jefferson County Development Authority, voiced her concern about enticing businesses to come to the Burr/Bardane Industrial Park if public sewer is not available. She supported the PSD in their effort to build a new treatment plant. She said she had checked into a private system for the industrial parks, and it is very expensive. She said the best solution is to continue with public sewer service at the Industrial Park and building a new plant is very important to them. Dr. Latterell suggested that the Development Authority look at other alternatives like composting toilets.

Everett Ruppert representing the Blue Ridge Outfitters had questions about how close the ultraviolet system would be to the river and about the odor. John Tuggle said that it would be right across the road. He also said that the basins would have a real slight murky smell. The odor will come off the sludge. He said that there is a 300' buffer zone around the plant. Mr. Ruppert was concerned about accessibility to the outfall. He said that it is a very populated area where kids go unattended. He wanted to know the potential for an in stream discharge. He also said that he thinks they are looking

at the wrong water basin (Shenandoah River) and that it should be dumped into the Potomac River.

Meeting adjourned at 8:55 PM.

The next meeting will be held on August 30, 2004 at 7:00 PM at 200 East Washington Street.

Respectfully submitted,

Marty Kable, Chairman
Board of Directors

Joe Hankins, Secretary
Board of Directors