

MINUTES
Sewer Commission at Secure Energy Committee
February 20, 2007

The Board of Sewer Commissioners attended the meeting tonight to discuss the placement of the wind turbine on the WWTF property. Members in attendance were Elaine Fiore and Peter Cobb.

Mr. Maribett introduced everyone on the Secure Energy Committee and asked that others in attendance introduce themselves and state what department they were representing. Once introductions were completed Mr. Maribett said that the Committee would be moving forward with a feasibility study and that there is an article on the Town Meeting Warrant regarding this project.

Mr. Geisinger of the 1021 Kingston's Place project presented a plan of the proposed layout for the WWTF expansion, the reconfiguration of the Transfer Station and the location of the wind turbine. The actual configuration of the WWTF is preliminary. The location of the new southbound entrance ramp will be the longer loop approach which goes around the back of the Transfer Station and WWTF.

Mr. Maribett asked if the location of the ramp had any impact on the location chosen for the wind turbine. Mr. Geisinger said that it did. The WWTF sits on the edge of a steep slope now. Mr. Maribett asked if multiple units could be sited on this site. Ms. Fiore stated that this plan is only tentative and if any other sites are being considered for additional turbines that the Sewer Commission needs to know about them now before any final plans are drawn. Ms. DuBois stated that this site had been chosen after discussion with CDM. Ms. Fiore replied that the discussion had taken place quite some time ago before the expansion was a serious need and that circumstances have changed to meet the expansion needs. Ms. DuBois stated that if the plant was going to be expanded significantly that the turbine would need to be sized adequately to power the plant.

Mr. Geisinger discussed that he has been working on a land swap between Mass. Highway and the Town. Mr. Maribett stated that the area shown on the drawing might be feasible for a turbine. Ms. Fiore stated that the area referenced was the same area that had been proposed as a possible expansion area for the WWTF just a few minutes ago. Everyone will need to work together to make all of these proposals work.

The Committee asked what the electrical expenses were for the WWTF. Mr. Vandal replied that the plant pays about \$160,000.00 annually for electrical bills. Mr. Maribett stated that 10 to 15 years from now, turbines could generate hundreds of thousands of dollars in energy.

Mr. Beaton mentioned that KEMA should be notified that the situation at the WWTF has changed. They are limited to 1 turbine because they have spaced them out in

order for them to work properly. The hope is to generate enough power to serve the WWTF and the Transfer Station.

Mr. Geisinger said he had been told that there is no reason why a leaching field cannot be placed over and around the footing for the turbine. The triangle of land from Mass. Highway could be used for both leaching and the turbine.

Mr. Beaton stated that the Committee would be meeting on March 20, 2007 and that the Sewer Commission should attend. It would be helpful if KEMA, CDM, Mr. Geisinger and the Highway Superintendent could attend as well.

Mike O'Meara mentioned that the turbine has to be connected directly to the WWTF for it to be cost effective. He asked that KEMA be provided with the energy needs for the expanded plant as it is being proposed now. Ms. Fiore replied that CDM would probably need to establish a new estimate for this. The plant will double the size of the current plant. A comment was made that this would be great for the turbine project and that it would allow the turbine to be paid for in 2 years.

The meeting was concluded at 9:05 PM.

Suzanne Richards
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