

DENNIS WATER DISTRICT

Board of Water Commissioners

Minutes of Meeting held

December 23, 2010

A meeting, having been duly posted, was held this date at the Dennis Police Station, 96 Bob Crowell Rd, S Dennis. The meeting was called to order by Paul F. Prue, Chairman at 6:00 PM. Also in attendance were Charles F. Crowell and Peter L. McDowell and the following District official:

Sheryl A McMahon, Clerk & Treasurer
David Larkowski, Superintendent

Public Information & Comment None

Continued Discussion on Wind Power Feasibility Project Development

Mr. Larkowski reported that he had spoken with Maggie Downy of the Cape & Vineyard Electric Cooperative and they are not in a position to move forward with a District project because of the Federal Aviation Administration's (FAA) determination that the siting of a 400' wind turbine would pose a hazard to Chatham Airport. He further reported that he had spoken with an aviation consultant and spoke with the specialist that conducted the FAA review. He noted Harwich's determination that there was no hazard. Given that information, the FAA said they would conduct further review and advise Mr. Larkowski of their findings. Mr. Larkowski had been advised that there were several options that the District could take should the FAA render a negative decision.

a) Identify another structure that is taller than what is being requested by the District and there may be grounds for an appeal of the FAA determination.

b) Chatham is a non-precision approach so they give a wide zone of safety because of the reliance on visual flight, if the District was willing to pay for an upgrade to Chatham Airport's equipment then the FAA might consider modifying the zone.

c) The FAA has changes effective 1/6/2011 that may mitigate the determination but, Mr. Larkowski is waiting for a response from the consultant.

Mr. McDowell said he had run this by a professional that deals with the FAA with such issues as height of obstructions up to 499 feet, the new regulations, that there appears to be a discrepancy in the reports on the distance from the turbine site to the airport where in some cases it is 6.7 miles and 7.3 miles.

Mr. McDowell said that he was very concerned and interested in listening to people who object to wind turbines. He referenced his personal experience resulting from a visit to a wind farm in Scotland. Kathy Sherman expressed her concern regarding downdrafts from the operation of a wind turbine.

Consider Opportunity to Participate in Open Space Purchase – 12 & 14 Dotties Path, Dennis, 9.386 Acres

Chairman Prue, noting that he is a member of the Board of Directors for the Dennis Conservation Trust who may be a party also interested in this possible acquisition, recused himself from the meeting. Mr. Crowell assumed the chair. Mr. Larkowski advised that this land lies to the east of Clay and Grassy Ponds. He noted that the District made an acquisition, in partnership with the Department of Fisheries and Wildlife, which abuts the ponds on the westerly side of Clay and Grassy Ponds. The District purchased the property because it was within the Zone I for Well 4. He said that he thought the District's wells were fairly well protected. Mr. McDowell asked if there would be any new wells in the area of Wells 4, 11 & 22 along with the water treatment plant. Well 22 was installed about 10 years ago at 700 gallons per minute. There may be some point in the future the need to replace Well 4. Father to the east is Well 9. On a motion made by Peter L. McDowell, and duly seconded, the Board ***VOTED 2-0-0 (Paul Prue recused): to thank the applicant and that at this particular time Board see no advantage to the Water District to proceed with any discussion to purchase approximately 9.386 acres at 12 & 14 Dotties Path.***

Adopt Regular Monthly Meeting Schedule for 2011

On a motion made by Peter L. McDowell, and duly seconded, the Board ***UNANIMOUSLY VOTED: to adopt the following regular meeting schedule, Annual Meeting and the District Elections (to be held on same date as the Town of Dennis):***

Thursday, January 27

Thursday, February 24

Thursday, March 24

Thursday, April 21

ANNUAL DISTRICT MEETING – Tuesday, April 26

ANNUAL TOWN/DISTRICT ELECTIONS – Tuesday, May 10

Thursday, May 26

Thursday, June 23

Thursday, July 28

Thursday, August 25

Thursday, September 22

Thursday, October 27

Thursday, November 17

Thursday, December 22

2010 DEP Sanitary Survey Results

The Superintendent reported the results of the 2010 Department of Environmental Protection, Division of Water Supply's Sanitary Survey. The Sanitary Survey is conducted every five of every water supply. DEP personnel inspect facilities and paperwork for compliance. Some of the items reviewed are Backflow Prevention Program, Emergency Response Plans, test emergency alarms, test alarms for chemical overfeed, and others. Noted was the recently updated Emergency Response Plan, plans to replace chlorine analyzers in order to eliminate the old analyzers that use re-agents. One of the deficiencies noted was that all of our stations have a floor drain system. These drains are supposed to be registered in accordance with Underground

Injection Control (UIC) regulations. It will take a couple of months to file the report. Currently, all water that enters these drains is drinkable. Also noted was the extreme cleanliness of all of the stations. Mr. McDowell expressed interest in obtaining additional information about the UIC regulations and would like a copy of the completed Sanitary Survey. Mr. Larkowski noted that the inspection took approximately eight hours to complete.

Preliminary FY 2012 Budget Overview Discussion

Mr. Larkowski advised the Board of some of the major items that he would be recommending for the FY 2012 budget. He reviewed having a Water Audit conducted of the District by a professional consultant. He explained that DEP would like to have all water utilities have less than 10% unaccounted for water on an annual basis. In order to ensure that the District is providing the correct information, Mr. Larkowski is recommending that the existing master meters at the stations be replaced with magnetic flow meters (magmeters). Existing meters constantly have to be calibrated. The magmeters are new technology that was used in the treatment plants and are more reliable than the existing ones in the stations. The cost of the equipment will be \$80,000 and the labor will be done in-house.

Mr. Larkowski explained his rationale for recommending a professionally conducted water audit. The District is in the process of renewing its water withdrawal permit with DEP and one has never been done for the District professionally. The cost is estimated at \$15,000.

The Superintendent referred to a presentation he made to the Board several months ago pertaining to the availability of electrical power at various pumping stations and treatment buildings during power outages. He is proposing that the District procure emergency generators for five wells at an estimated cost of \$180,000. All of the work for installation will be done with District personnel. He anticipates asking for two generators at a cost of \$75,000 next year.

Also recommended for appropriation was an additional \$100,000 for Power Washing and Maintenance of Water Tanks. To date, the District has appropriated \$200,000 for this work which is expected to cost approximately \$500,000 and take several years to complete. Because the work can be done incrementally on the four tanks, it is not necessary to procure the services all at once rather; it can be done as a multi-year project.

Mr. Larkowski recommended that the District purchase a new ½ ton pick-up truck and trade in one truck, now in use, and apply the trade towards the purchase price and cost of outfitting the vehicle estimated at \$20,000.

Under Miscellaneous Equipment, Mr. Larkowski is recommending that the District appropriate \$4,500 for the purchase of new pipe locators. The ones currently in use have been repaired so many times that it is no longer cost effective.

Mr. Larkowski requested an appropriation of \$10,400 for the purchase of new propane heaters at thirteen pumping stations. The heaters currently in use are no longer serviceable. The work will be done with in-house personnel.

The Superintendent advised that there are a number of pumping stations that need work such as roofing, trim, etc. For the past couple of years, the staff has been working on replacing the windows in the main office building. He would like to replace the last five windows over the course of the next year. The total cost of building maintenance is estimated at \$15,000.

On a motion by Charles F. Crowell, and duly seconded, the Board ***UNANIMOUSLY VOTED:***
to adjourn the open meeting at 7:01 PM in order to conduct an Executive Session in accordance with Chapter 30A, Section 21(2) to conduct strategy sessions in preparation for negotiations with nonunion personnel; not to return to open session. The roll call vote was as follows:

Peter L. McDowell – “aye”
Charles F. Crowell – “aye”
Paul F. Prue - “aye”

Respectfully submitted,

Sheryl A McMahon, Clerk