

DENNIS WATER DISTRICT

Board of Water Commissioners

Minutes of Meeting held

June 14, 2007

A meeting, having been duly posted, was held this date at the main offices at 80 Old Bass River Rd., S Dennis. The meeting was called to order by Edward A. Crowell, Chairman at 4:08 PM. Water Commissioner Paul F. Prue and Charles F. Crowell were present along with the following District officials:

David Larkowski, Superintendent
Sheryl A. McMahon, Clerk & Treasurer

Kristen and Michael Ohl, the Pilot Study Team from Earth Tech presented their preliminary findings on the comparative analysis between a Greensand Plus system and a LayneOx system. Mr. Ohl reported that the LayneOx system tended to run up against the Greensand system when it came to backwashing. The Greensand could run almost four days without backwash and with very good water quality. The LayneOx was found to run for only about two days before the pressure differential necessitated backwashing. Backwashing requires about 1,000 gallons per minute for Greensand and 1,500 gallons for LayneOx. Over the course of time the LayneOx would require an additional four million gallons of water annually. The design will try to accommodate the seasonal usage difference. Earth Tech recommended the Greensand Plus system. The LayneOx system was emphasizing that the construction costs would be less because of having a smaller building footprint. The process costs were examined and found to be \$700,000 uninstalled plus \$100,000 for the LayneOx media. In order to make it beneficial there would be a need to save \$100,000 in building costs. The Greensand provided better water quality and will cost less to maintain. The final report needs to be completed but it is approximately 95% done. Mr. Larkowski said he is nearly complete with a draft Request For Proposal (RFP) for the design and construction oversight of two treatment facilities. There are other engineers that are capable of doing this work. He stated that he will forward the RFP to at least two other engineering firms. He provided the names of Ali Perrand with AP Design (former employee of Whitman & Howard) and SEA having designed the Mashpee treatment plant. In his personal opinion, Mr. Larkowski said that Earth Tech has some of the best field representatives in the industry. Earlier estimates placed the cost of each plant at \$4.7million. He said that he is now down comfortably to \$3.5 million for a total estimated project of \$12 million. There will be ten wells re-directed to the two treatment facilities for approximately 4 million gallons per day of capacity. He further advised that Earth Tech consultant Mark Owen is meeting with the Department of Environmental Protection (DEP) on

whether or not it is in the District's best interest to complete the construction of a pumping station for Well#17. It may be that the new regulations will put it in another category and it may not be feasible to put the well into production even with treatment. The feasibility specialist from Earth Tech left the meeting at 4:50 PM.

Ms. McMahon discussed a request from John Slavin of 119 Forest Pines Drive, East Dennis, Acct. No. 09110 to apply for a partial abatement under the Board's Leak Abatement Policy. On a motion made by Paul F. Prue, and duly seconded, the Board ***UNANIMOUSLY VOTED: to apply a credit to the account of John Slavin of 119 Forest Pines Drive, East Dennis, Account 09100 in the amount of \$215.25 in accordance with the Board's Leak Abatement Policy.***

Mr. Larkowski advised the Board members of the outstanding work that the District's part-time electrician has provided. In particular is the \$100,000 of dollars his direct employment with the District has saved in the development of Supervisory Control and Data Acquisition (SCADA) system. Mr. Larkowski requested that he be authorized to pay a one-time bonus to the employee for his outstanding work on this project. On a motion by Paul F. Prue, and duly seconded, the Board ***UNANIMOUSLY VOTED: to authorize the payment of a \$5,000 bonus to Joseph Kraul for his work on the construction and implementation of the District's Supervisory Control And Data Acquisition (SCADA) system and to express their appreciation for his efforts in this regard.***

The Superintendent and Treasurer discussed with the Board members the future implementation and management of the Comprehensive Wastewater Management Plan. There was a review of last month's meeting when representatives from the Board of Health attended and expressed their concerns to the Water Commissioners. There had been a suggestion that town officials schedule a meeting with appropriate boards to discuss wastewater management and where it is headed. Mr. Larkowski suggested to the Board that the issue as to which entity would be best suited to manage wastewater implementation, the Town or the District, should be discussed with Stearns and Wheler to see if a study of the salient issues would be appropriate. On a preliminary basis, the cost of such a study was thought to be approximately \$40,000. The study would bring together a myriad of issues such as the legal aspects, statutory authority, planning, implementation and oversight. The study could also address which entity would be responsible for responding to such issues as environmental notices or administrative consent orders. On a motion made by Paul F. Prue, and duly seconded, the Board ***UNANIMOUSLY VOTED: to authorize the Superintendent and Treasurer to work with the consulting firm of Stearns and Wheler to develop a scope of work and a price not-to-exceed for the Board's consideration for the development of a study document that would provide***

guidance to Town and District officials on which entity might best serve the wastewater management needs of the town.

With no further business before the Board, the Water Commissioners signed the Accounts Payable Warrants and on a motion made by Charles F. Crowell, and duly seconded, the Board ***UNANIMOUSLY VOTED: to adjourn their meeting at 5:50 PM.***

Respectfully Submitted,

Sheryl A. McMahon, Clerk