Board of Sewer Commissioners
Minutes of December 6, 2011
Bourne Veteran's Building
Buzzards Bay MA 02532

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TA Guerino

Earl Baldwin, Chairman
Peter Meier, Vice Chairman
John Ford, Clerk
Don Pickard
Jamie Sloniecki
Peter Meier

List of documents:

- Bourne Wastewater Advisory Committee (BWAC) interim progress report to the Selectmen dated 12/6/11 – 16 pages

Meeting called to order
6:15 pm

Public Comment
None

Update Wastewater Advisory Committee – Sally Riggs
An interim progress report. The BWAC was tasked with developing wastewater options for Bourne's Downtown to: protect the quality of coastal embayments and shoreline; increase the vitality of the commercial sector of Bourne's Downtown to relieve the tax burden on residents.

Ms. Riggs said that from the BWAC report, they were able to meet with the Planning Board staff of the Cape Cod Commission. The Cape Cod Commission Director spoke with the Selectmen about a Regional Economic Strategy and Execution Team. One of the things said Team agreed to do was to work with the BWAC as technical assistant support.

Tonight's presentation will be specifically on Task 3, 4 and 5 of the Wastewater Management Planning.

At this time no questions or comments from the Board. Ms. Riggs introduced Cape Cod Commission's Glenn Cannon, Director of Technical Services.

Mr. Cannon said that the Cape Cod Commission isn't here to do the actual work, but rather to educate the Town and work hand-in-hand with Bourne through the process.

Quarterly report from the BWAC. Specifically Tasks 3, 4 and 5 of the Wastewater Management Planning for Bourne's Downtown Scope of Work dated 6/7/11:

Schedule. Access water supply and demand and potential water supply sites (June-Sept); characterize existing wastewater infrastructure (June-Sept); Develop build-out analysis and waterflows (June-Oct).

Task 3. Assess Water Supply and Demand. Bourne's Downtown growth opportunities are limited without water supply. This is an opportunity for Town and Bay Water District to coordinate water supply and wastewater disposal. This leads to infrastructure planning goals to promote growth and development.

Water Supply Assessment includes:

a. Meeting with the Buzzards Bay District Superintendent
b. Assess present status of water supply (4-year annual daily average of 470,000 gallons per day [GPD]; All pumps are working at equal levels and meet current needs, however, there are no connections with other Districts for back-up supply)
c. Potential future supply needs
d. Review and refinement of screening for potential lands suitable for water supply (Priority Lands Acquisition Assessment Plan [PLAAP] – a map which looks at priority conservation targets to protect water supply resources.

Conclusion. Open Space allowance for water supply purposes, test well investigation, DEP new source approval and Water Management Act permit are based on time requirement to permit a new well. It is critical that BWAC works with Water District to find a new well location.

Task 4. Assess Existing Wastewater Infrastructure (Wastewater Capacity of 200,000 GPD; Buzzards Bay [peak season use] 117,000 GPD; Hideaway Village [peak season use] 20,000 GPD; Optimus Senior Living [allocation] 23,000 GPD. *Total of 40,000 GPD available*).

Sub-tasks:

a. Review Inter Municipal Agreement (IMA)
b. Summarize allocation issues
c. Develop outline for allocation tracking

Existing Allocation. Allocation allowed by permit. BOSC approves permit. One extension of permit is granted. Currently one allocation permit is granted (23,000 GPD to Optimus Senior Living). Allocations are tracked by Bourne Building/Inspection Department.

Task 5. Develop Buildout Analysis and Wastewater Flows.

Sub-tasks:

a. Identify study area locations (Buzzards Bay [DTD], Bourne Development Campus, Hideaway Village)

b. Compile data and assumptions
c. Develop build-out scenarios (existing constraints, unlimited infrastructure constraints, phase optimized design). Build-out is a snap shot of development potential under zoning. Build-out analysis isn't actual future development and a parcel-by-parcel analysis.

Ford asked if Mr. Cannon has looked at any alternatives beside the Scenic Highway area and was told they are looking at other areas to expand. Ford asked if it was possible to get in touch with a local Congressman with regard to the EPA Regulations and change regulations that deal with discharge going into the water and cleaning up the plants. Mr. Cannon said it would be quite a chore.

a. Build-out data and assumptions (Overlaid DTD form zoning code – 4 stories; 80% of lot coverage; parking required by use)
b. Build-out development potential - DTD Theoretical: 1.3 million GPD vs. Practical – 335,017 GPD) – 20 years – 25% of Theoretical.

Ford asked how much water is used now. Mr. Cannon said he is estimating 1.9 – 2.0 million GPD. Practical build-out wastewater needs in million GPD (0.200 - IMA allocation; 0.160 - Existing wastewater to Wareham; 0.535 - wastewater flow and existing.

In conclusion, the BWAC and the Cape Cod Commission thanks Barry Woods, Superintendent of Buzzards Bay Water District, and George Tribou, Bourne Building Inspection Department.

Questions/Discussion
Ford inquired if the BWAC will be able to make the capacity of 200 million GPD and added that he heard they are presently looking for a single area lot as a build-out. Mr. Cannon said he is currently looking for what is needed. Ford commented on the scenario of a treatment plan next to a wastewater and doesn't want people to think this will be their water supply. He also raised concern of hydrolysis with regard to back-ups in Buzzards Bay.

Ms. Riggs said that a lot of questions pertain to the theoretical build-outs and the BWAC is looking at a more practical build-out scenarios.

Sloniecki asked Ms. Riggs when the BOSC will see her next. She responded by saying January, but the BWAC is falling a little behind which means in about three (3) months. Four more steps are required. Alternatives will be a lot of focus of the BWAC.

Ms. Riggs briefly discussed a member who hasn't attended many meetings who represented the commercial user. The BWAC, in recognizing this issue, is requesting another member to be appointed in the absent member's place. Meier requesting an appointment of a new member to the BWAC put on the Selectmen 12/13/11 meeting agenda.

Ford asked about stimulus funding available with regard to the Revitalization of Buzzards Bay, especially the areas that are really run down. Ms. Riggs said she met with Congressman Keating on the Revitalization of Buzzards Bay. Once the BWAC has concrete information, they can go back to request Federal level assistance.

Adjourn
Meier MOVED and SECONDED by Pickard to adjourn. Meeting adjourned at 6:55 pm. UNANIMOUS VOTE.

Respectfully submitted,
Lisa Groezinger, sec.