



**MINUTES**  
**WATER SEWER ADVISORY COMMITTEE**  
**Thursday, January 4, 2007**  
**7:00 PM Town Barn**

**Members Present:** Dan Barker, Paul Kimple, Joe Phelps, Katherine Taylor, Jim Singleton and James Watts

**Members Absent:** none

**Elected Officials:** Mayor Stevens

**Staff:** Julie Vance, Will Baker, Kenny Keel and Russell Bateman

**Visitor(s):** Cheryl Thomas and male citizen

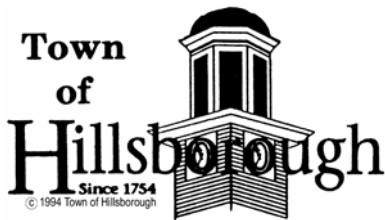
**ITEM #1** Chair Ms. Taylor called meeting to order at 6:59 PM.

**ITEM #2** No changes were made to the agenda.

**ITEM #3** A motion was made by Mr. Barker and seconded by Mr. Kimple to accept  
**MOTION:** the December meeting minutes as written. The motion passed unanimously.

**ITEM #4** The January Engineering Status Update included briefing on the following by Mr. Keel:

- WWTP is operating in compliance of its discharge permit.
- One Sanitary Sewer Spill has occurred since last month at Lakeshore during an 1 ½" rain event. Ten spills occurred during 2006. The committee requested a comparison chart of spill events from 1999 – 2006.
- The Reservoir is full and over flowing.
- TTHM continue to be in compliance.
- There are no water restrictions in effect at current.
- The Town has been keeping up with water loss from water main breaks to keep the Water Audit more accurate.
- We are continuing to rehab manholes to decrease the I/I problem. We are also in the process of evaluating which sewer lines need to be re-lined (Cheshire and Murdock).
- Cates Creek Outfall continues to be 80% complete. They are having to tunnel under the Interstate and Railroad due to area being where rock meets dirt and this process is very slow. They have been boring the Interstate for 5 months. There is also a creek crossing left to complete. The outfall should be complete some time in the Spring or at the latest during the Summer. There is still one easement left to acquire.
- Bid Documents are being compiled for the Habitat/Thalle Outfall. We hope to have the outfall complete by the end of May 2007.
- We are waiting on a State and EPA approval to proceed with the Lakeshore Outfall.



- A written emergency plan is being compiled to give instructions during a Boil Water Notice event.
- We are working on compiling an ordinance and specs for rain water harvesting systems.
- An evaluation on our Water Pressure is being compiled.

**ITEM #5** Town Board Update  
December 11<sup>th</sup> – The Boil Water Notice and the reasons behind it was discussed.

**ITEM #6** The committee composed a statement expressing the concern with the proposed Strategic Growth Plan. It is as follows:

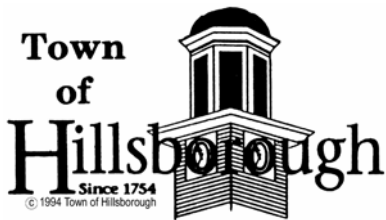
The WSAC agrees in concept with the Proposed Strategic Growth Plan but has some concerns with the Rural Buffer Area. Our key concern is prohibiting Hillsborough in the future from extending any utilities into that area or adding connections to existing services in the proposed area. While the WSAC thinks this proposed boundary line should be a goal to work toward, the committee feels that Hillsborough should not give up the option of extending its utilities.

Mr. Kimple will present the committee's statement at the next Strategic Growth Plan meeting next Thursday, January 11<sup>th</sup> and staff was directed to pass the statement to the Planning Board via the Planning Director to be used at their next meeting, Thursday, January 18<sup>th</sup>.

**ITEM #7** A meeting was scheduled to meet with Durham before Christmas to discuss the proposal, but it was postponed to January 10, 2007. This meeting is intended to find out what capital cost will be incurred should the Town of Hillsborough move forward with paying Durham to treat their water and wastewater.

**WATER:**

We do know that an additional (16") water line will have to be installed in the near future to meet the Town's growing water demand. We currently have a 12" water line connection. Ten years ago the installation of the 12" and a pump station cost the Town \$2 million. All improvements made to benefit Hillsborough will be paid by Hillsborough, either directly or indirectly through Durham's rates. The current pump station could be up fitted when the proposed 16" is installed at a minimum total project cost of \$3 million and possibly more. With each new capital discovery and the problems that Durham is currently having with compliance, it is looking less and less likely that we will proceed with the deal with Durham for them to treat our water.



**SEWER:**

The WWTP upgrade/expansion study could have been completed by now from CH2M Hill, but since we are proposing the upgrade of our WWTP from 3 million/day to 3.8 million/day, the State has to issue proposed changes to our discharge permit on pollutant concentrations limits. The study cannot proceed without these proposed numbers. The State initially said it would take 2 ½ years, but we said we cannot wait that long. They said they could give us estimates, which we expected before Christmas, with the chance that they could change in the final permit. Since we have not yet had a response, we will be calling again to try and push them. Once we have their response, it should be a matter of weeks before the study is complete. When asked if Durham would be willing to treat our wastewater only, Kenny response was that they would most likely not be interested. The NC State Parks would also not be favorable since the level of the Eno would be greatly affected. Again with each new capital discovery, it is looking less and less likely that we will proceed with the deal with Durham for them to treat our wastewater. We are looking at a 9 mile 30" force main and we may have to go further than 9 miles. The Town will have to continue with primary treatment to prevent the wastewater from going septic. We are also looking at an odor control device and a splitter box to be installed at the discharge site, with the 9 mile force main. To prevent immediate future costs when the Town's flow increase as development increases, it is recommended that the force main be extended directly to the North Durham WWTP, which significantly increases the costs.

**ITEM #8** The proposed 2007 Town Board Meeting Schedule was presented. Date conflicts between committee members will be discussed at the February meeting and the schedule will be finalized.

**ITEM #9** Blank agenda item was not needed for this meeting.

**ITEM #10** Suggested future agenda items for upcoming months:

- Daniel Boone Property (February)
- Eno River Confluence Meeting (February)
- Regulating Irrigation Systems (February)

**ITEM #11** Mr. Kimple made a motion to adjourn the meeting and Mr. Watts

**MOTION:** seconded the motion, and the motion passed unanimously. The meeting adjourned at 7:57 PM.

Respectfully submitted,  
Julie E. Vance  
Secretary