

## MINUTES

**PRESENT:** J. Burke  
M. DeSapio  
R. Phillips  
T. Kratzer  
S. Stryker  
J. Kopen, Attorney

**ABSENT:** J. Golden, Alt #1

### CALL TO ORDER

The meeting was called to order by M. DeSapio at 7:35 PM.

### NOTIFICATION

In order to ensure full public participation at this meeting, all members of this Board, and members of the public are requested to speak only when recognized by the Chair so that there is no simultaneous discussion or over-talk, and further, all persons are requested to utilize the microphones which are provided for your use by the Township. Your cooperation is appreciated.

Notification of the time, date and place of this meeting has been published in the Hunterdon County Democrat, Courier News and has been posted in the Kingwood Township Municipal Building at least 48 hours prior to this meeting and has been filed with the Municipal Clerk.

### NEW AND PENDING MATTERS

#### Well Ordinance Discussion

V. Uhl, Township Hydrogeologist, was present this evening to discuss the well ordinance. He reviewed his responses to A. Belle's comments on the well ordinance:

153-24 – Certification – Driller shall air-lift from the completed well using the drilling tools in place for 30 minutes and measure the flow from the well with a calibrated 5-gallon bucket. The flow measurement shall be photo documented with a date and time noted. The information from the air-lift flow test will be provided to the Board.

153-29 11e – Drawdown – 153-2911e Aquifer Test and Hydrogeologic Report.

e) Observation Wells.

- i. If the drawdown is measured or projected to be more than 1 foot at any existing adjacent property well or along the subdivision/site plan boundary, the applicant's hydrogeologist must evaluate long-term potential impacts to adjacent properties based on the actual condition of wells in that zone or along that portion of the subdivision/site plan boundary.
- ii. If a drawdown of 5 feet or more is noted in any existing adjacent property well, or is projected at any property boundary, then the aquifer will be deemed to have insufficient transmissivity to support the proposed subdivision/site plan. The applicant must reduce the site demand and development units to ensure that drawdown will not exceed 5 feet at any site boundaries. The applicant's hydrogeologist can provide additional analysis of the aquifer test and impact assessment and propose alternatives.

153-35(e)(2) – Water Quality Monitoring Fees – 153-35 E(2) Water-quality Monitoring Fees

There was some question as to what the \$2800/well is applied to in the monitoring program. His sense is that this is for Township review and evaluation of the monitoring program over the 12-year period and not for the sample analysis by the Applicant. It would seem that the sampling and laboratory analysis is the Applicant's responsibility.

After a lengthy discussion between the board members, professionals and A. Belle, the Board decided to require monitoring of the quality of the water, for informational purposes only, rather than the quantity of water. The Board decided to remove the section requiring the water quality monitoring. The deposit amount should be tied into the well rather than the lot. V. Uhl stated \$5,000 would be an estimate at this time per monitoring well. The 12 year period would remain. The ordinance should contain a provision for a fine if the responsible person does not perform the testing. It was suggested that the Board of Health recommend to the Planning Board to add an item to the checklist to require that water quality monitoring should be part of the homeowners' association responsibility.

V. Uhl stated, with respect to the definition of the average daily demand, the requirements came from Penn State numbers. A. Belle inquired how does a person with a 4-bedroom house have animals. With any animals, they would be over the 800 gpd limit. He stated the average daily demand provides an additional margin of safety that is built in for larger families. He stated he does not have a problem with the numbers but the maximum daily demand has to be increased. The Board has to account for animals. He suggested either allowing up to 1,000 gpd or reduce the per bedroom usage. V. Uhl stated reviewing Table 2 in the ordinance which states anything above 3 gpm would be in excess of what you would need for 4 bedrooms. He stated .5 gpm is required for each bedroom. Two gallons per minute would give you 4 bedrooms. He stated 3 gpm or above should be fine. He stated the three part pump test will give you a peak demand and a constant rate for three hours. Only a small drawdown is allowed per the ordinance. The test would give you a good idea of the yield. He stated if the well yields 2 or 3 gpm you can have up to 4 bedrooms. If you have a yield of 3 gpm or above you have enough of a buffer for livestock.

J. Kopen was requested to provide a draft amendment for the October meeting.

#### **MINUTES**

It was moved by S. Stryker, seconded by M. DeSapio, and carried to approve the minutes of May 25, 2011. All members present voted **AYE**, except J. Burke and T. Kratzer, who **ABSTAINED**.

#### **CORRESPONDENCE**

#### **PRIVILEGE OF THE FLOOR**

#### **ADJOURNMENT**

It was moved by M. DeSapio, seconded by J. Burke and carried to adjourn the meeting at 9:39 PM. All members present voted **AYE**.

**Respectfully submitted,**

**Diane Laudenschach, Secretary**