

**MINUTES
MILLIS DRINKING WATER COMMITTEE
MARCH 2, 2016
VETERAN'S MEMORIAL BUILDING
MILLIS, MA 02054 7:30 PM**

ATTENDING:

James McCaffrey, Millis
Kathleen Lannon, Millis
James McKay, Millis
Charles Aspinwall, Millis
Barbara Thissell, Millis
Betsy Frederick, Kleinfelder
Kirstin Davis, Kleinfelder
Tom Holder, Medway
Tammy Sanford, Exelon
Lisa Decker, Exelon
Mary Kate Schneeweis, Beals and Thomas

The following documents were distributed:

- Letter from Kleinfelder dated March 2, 2016 to the Millis Town Administrator, with attached power point graphics dated 3-2-2016
- Power point graphic prepared by Kleinfelder entitled, "Revisions to Development Projections"
- Email correspondence from Karen Bouret dated March 2, 2016 to the Drinking Water Committee including meeting agenda; draft minutes from 2/10/16; three-page document entitled, "Exelon West Medway, LLC and Exelon West Medway II LLC's Responses to EFSB's Second Set of Information Requests", date of response September 18, 2015 and undated transcript by Farmer Arsenault Brock, LLC
- Sign-in sheet completed by participants

Mr. McCaffrey opened the meeting at 7:35 PM. He stated that the Town of Millis is currently exploring the feasibility of selling water to Exelon. The Committee would determine: *Based on Millis' current and future water needs can we sell water? Based on the capacity of the Millis system can we sell water?* The Selectmen will determine if we should sell water.

Ms. Frederick stated that since the last meeting with the Drinking Water Committee, Kleinfelder has been working to address the Town's comments to the Draft Exelon Report. Kleinfelder responded to all comments received in its March 2, 2016 letter.

Ms. Ryan stated that in addition to clarifying Kleinfelder terminology, they have fine-tuned the schedule of anticipated development. She stated that the study indicates that Millis has water available to sell.

Ms. Ryan clarified the definitions of terminology used in the Kleinfelder study. 'maximum yield' takes into account system pumping capability. The Millis Total Safe Yield was determined to be 4.33 million gallons per day (MGD). This amount is not sustainable on a daily basis. Mr. McKay stated that the Town had pumped over 2 MGD a few years ago during a water break.

Ms. Ryan stated that Kleinfelder researched what the Town actually pumped during the last five summers to determine what the Town can supply. This is referred to as the Normal Daily Output. It is not the current average quantity pumped. It is not the maximum that can be pumped. It is the quantity of water the Town can sustainably pump. Ms. Ryan described it as providing the summer volume all year round.

As indicated in the 'Estimated Supply (NDO) based on Summer Pumping July-Sept' graphic, the summers of 2014 and 2015 were dry/normal to dry. During these two summers Millis pumped 0.75 to 0.82 MGD. The Millis infrastructure has the capacity.

Ms. Ryan then described how the Kleinfelder study was revised to more accurately reflect the anticipated schedule of new development. The December study had assumed that all new development would have been constructed by 2018. Subsequently, the Town provided Kleinfelder with a more realistic buildout schedule.

A document prepared by Kleinfelder entitled "Summary of Revised Demand Current & Projected 3/1/16" was discussed. As depicted on this document, Millis' water demands will not exceed the WMA Permit.

There was much discussion about the study's assumption that the current population, and therefore water use, will decrease by 8-percent in the coming years. Ms. Lannon requested that the study assume no change in the current population. Mr. McCaffrey stated that the population drop from 2018 to 2020 is too great. Ms. Ryan and Ms. Frederick defended the study's use of a declining population, stating that population projections are based on DEP methodology.

Mr. McCaffrey noted that with the anticipated new development, the graphic does show a future increase in average daily demand. It was agreed that the study would be revised to reflect the UMass Donahue Institute, 2015 population projection. This reference depicts a decrease in population that is not as severe as the decrease used in the Kleinfelder study.

Ms. Lannon questioned why the study is based on ½ the permitted water demand found in Table 2-4. Mr. Aspinwall stated that the water demand used in the evaluation is based on a more realistic water use of approximately 57 gallons/person/day.

Mr. Aspinwall questioned if the water needs of an anticipated 100 bed assisted living facility should be included in the study. Ms. Ryan stated that she did not think the assisted living facility would affect the Kleinfelder study.

Mr. McCaffrey asked Kleinfelder representatives to describe what DEP is likely to require of Millis when/if we request an increase in our WMA Permit. Ms. Ryan stated that DEP will require minimization. She anticipates that this requirement will be feasible, not cost prohibitive. Mitigation will not be required if Millis' demand does not go over 0.84 MGD. (The Permit renewal typically adds 5 %.)

Mr. Aspinwall questioned what would happen if a development that we have not planned for is constructed. Ms. Ryan stated that we would then approach DEP for an increase.

Ms. Lannon questioned if there is a penalty if we pump more water than our Permit for several days in a row. Ms. Frederick responded that there is no problem exceeding the daily quantity permitted as long as the yearly average is below the permitted quantity.

Mr. McCaffrey summarized that Millis has the infrastructure to pump the requested water and our current WMA Permit allows the quantity requested. Mr. McCaffrey questioned how difficult it will be to sell water.

Exelon representative, Ms. Sanford stated that though emergency electric demand is typically greater in the summer, Exelon's need for water is greatest in during cold weather. Water needs are greatest when the temperature of plant exhaust differs from the ambient air temperature.

In the winter Exelon could use 190,000 gallons per day. Exelon is requesting 48,000 gallons per day from Millis.

Mr. Aspinwall questioned how Millis would be paid for water lost through leaks etc. in the Medway water system. It was agreed that a meter would be installed in the lift station. Water leaving Millis would be paid for by Exelon.

Ms. Lannon questioned the feasibility of trucking water from Millis to Exelon. Ms. Sanford stated that Exelon would be open to trucking water. Mr. Holder stated that the Town of Medway would not be receptive to trucking. Ms. Lannon noted that the amount of water requested could be transported in five trucks per day.

Mr. McKay stated that Millis would not be able to furnish raw water. Because Millis water is treated, it is likely that trucking raw water from RI would be more cost effective than buying treated water from Millis.

Ms. Sanford stated that Exelon would like to enter into a commercial agreement with the Town within the next few months. The project would meet with the citing board in June. Exelon would like plant construction to begin in February 2017. Water system improvements would also begin in February 2017.

Mr. McCaffrey stated that a three party intra-municipal agreement would be necessary. Mr. Holder stated that Medway is politically supportive of the project. The engineering effort needs to be furthered before an intra-municipal agreement can be completed.

It was agreed that a final report from Kleinfelder is needed before closing the Drinking Water Committee process. It was agreed that Kleinfelder would finalize its report and distribute it to the Drinking Water Committee early next week. The Committee would review the report and meet once more with the hopes of making a recommendation to the Millis Board of Selectmen during its March 28, 2016 meeting. The Committee requested that Exelon and Kleinfelder representatives attend the Selectmen's meeting.

Ms. Lannon reiterated that she would like Kleinfelder to include the trucking of water option. Kleinfelder would like to include that in the next phase of study.

Mr. Aspinwall questioned what tasks remain before we enter into an agreement. The Town needs to know the costs of completing remaining tasks. Millis would want Exelon to pay these costs. A Town Meeting would be needed to appropriate money for expenditures.

Mr. McCaffrey stated that the Town may want to hire an expert to advise the Selectmen on the agreement.

Ms. Lannon requested MEPA filings which Exelon will provide.

Mr. McCaffrey stated that though a Town vote would not be required, the Selectmen will want to provide the public an opportunity to weigh in on the topic.

The Drinking Water Committee meeting minutes of February 10, 2016 were reviewed. After a brief discussion, Ms. Lannon moved to approve the minutes with amendment. Mr. McKay seconded the motion. The Committee voted unanimously to approve the February 10, 2016 minutes as amended.

Meeting adjourned at 9:40 pm.