

**TOWN OF MILLVILLE
BOARD OF SELECTMEN**

**Minutes of October 27, 2008
6:00 p.m.**

**Members Present: Chairman Paul Savage, Vice Chairman Tom Petrowicz,
Selectmen Charlie Poulin, Jackie Lima and John Laura**

**Others Present: Executive Secretary Helen Coffin, Deborah Bray Trumbull, Small
Water Systems; Robert Ferrari, Northeast Water Solutions**

The meeting is called to order at 6:00 pm at the Millville Town Hall.

Chairman Savage explains that the purpose of this Meeting is to get an update on the Millville Elementary School water issues. He further explains that Phase 1 involved the removal of the copper and lead and Phase 2 involves the treatment of the iron and clarity of the water. He would like to address the disconnect between the parties and resolve any issues involving flushing and sampling procedures.

Small Water Systems. Deb Trumbull provides an update of the situation. She feels we are near the end of the line with the copper and lead issues...the combination of additives are working better. Deb explains that the sometimes low usage of the water and fact that it may sit stagnant for long periods of time (school breaks and summer vacations) makes it incredibly difficult and maintain good test results. We need to go through an aggressive flushing program to ensure the water is kept running.

Deb reviews the most recent test results; 10 passed lead and 9 passed copper. DEP requires a 90% pass. She plans to test again in October and then again February/March. DEP sets the protocol on how/when testing should be done. DEP mandates 20 clean samples for 2 consecutive 6-month periods and then testing can be reduced to 10 samples once per year for three years. Deb feels that given the history of this building the testing once per year may be too seldom and perhaps 5 samples every six months may be appropriate...this should be dictated by the Board due to budgetary concerns.

Deb explains that samples are taken from the same locations each time so that the data is relative...the samples need to be taken from the same data points. Deb does not believe the lead is coming from the water supply and feels it would be a gamble drilling a new well as we could end up with the same problems. Deb reminds all parties that the iron situation manifested over time and has now become a significant issue.

In closing, Deb's recommendations are to install a pH probe, continue aggressive flushing and process control sampling.

Chairman Savage advises that the BOS be kept in the loop. Any questions or concerns regarding testing should come through the Executive Secretary. He would like to see communication through one stream of information.

Northeast Water Solutions. Bob Ferrari is asked to provide an update with respect to the water situation. He first explains that the water is corrosive, as is much of the water supply in New England. Because of the corrosiveness of the water it looks to remove small amounts of metal from the piping, especially copper and lead pipes and bronze fittings. After the water sits in the pipes stagnant it begins to work on the leaching. His goal was to change the chemistry of the water by increasing its pH and alkalinity with Sodium Carbonate which is a safe chemical. He is also using Mir-a-force and Sil-a-force to reduce the corrosion.

Bob feels that looping the pipes is possible to recirculate the water and could potentially significantly benefit the School but it may not be practical with some of the small branches. He will look into this possibility further.

The excessive flushing may be a detriment to the septic and he will get back to the Board with the implications to the septic with the extended use of the phosphates.

Bob explains in great detail the existing multi media filter. He explains at length the various filter systems and options that are available. The existing system is made to take out the particulate iron.

Bob explains the test pilot program that was done over the summer. A nano ceramic membrane was used without chemicals – this does not go through the septic system. Initial testing looks positive but more testing is necessary to determine the best course of action for both capital costs and operating costs. He is trying to eliminate the need for an infiltration bed.

Bob agrees that removing the iron pipe would not be a bad idea but is not the priority right now. He will provide the Board with an assessment and prioritization of what should be done, with price tags. He will identify all issues that must be dealt with taking into consideration the many things discussed this evening such as a new tank, looping pipes and changing piping materials. He will need to go through the building and study the plans.

Selectmen Petrowicz, Poulin and Laura would like to accompany Bob to the site to evaluate the pipes. The Executive Secretary needs to be informed of these meetings so she can post them accordingly.

Bob hopes to provide this information within the next few weeks.

Chairman Savage indicates that he would like Bob to keep the information flowing and that all matters should be funneled through the Executive Secretary.

Selectman Poulin would like permission to access the School to provide an estimate on the mechanical work. The Board does not have a problem with this and does not believe a vote is necessary.

Brief discussion follows regarding the invitation to the School Committee to attend this meeting. There was conflicting information provided by the School Committee as to whether they were invited or not. Selectman Lima feels it was important for the School Committee to attend and to allow them the opportunity to ask questions. Chairman Savage personally disagrees, feels the School Committee would not have had much to contribute and that this matter needs to be dealt with by the Board of Selectmen.

Board of Health member Dustin Ciccarelli offers his services to the Board. He has knowledge on these issues and would be happy to assist.

Motion by Petrowicz, second by Poulin, to adjourn the Meeting. Motion passes unanimously.

Respectfully submitted,

Helen M. Coffin

Paul Savage, Chairman

Thomas Petrowicz, Vice Chairman

Charles Poulin, Selectman

Jackie Lima, Selectman

John Laura, Selectman

APPROVED AND SIGNED 11/3/08