**Water Resource Committee**

**Minutes**

**December 14, 2015**

**Members Present:**

Paul Lyons, Acting Chair

Al Werner, recorder

Mark Rivers

Tim Cook

Nancy Mcgarigal

**Called to order 7:15pm**

**Topics discussed**

1. There were no minutes to approved – will approve them during our next meeting.
2. Updates:
   1. Mentioned that at our last meeting Dave Reckhow (Department of Civil and Environmental Engineering University of Massachusetts Amherst) discussed his new grant to help design new types of water purifying techniques for small municipal water supplies. Interesting work, but because Shutesbury does not have a municipal water supply, it is not very applicable for us.
   2. We discussed Tim’s new water quality analyzer (Seal Analytical – AQ1 Discrete Analyzer) measures nutrient levels. We brainstormed a little about how we might use it to evaluate water quality a Lake Wyola and even domestic water supplies. Further discussion is tabled to spring.
3. Added new agenda item: discuss implications of the ATT Long-line that crosses town
4. Well monitoring project was discussed:
   1. Al and Paul summarized the present monitoring protocal and we reviewed some of the data from last year.
   2. We talked about the need to formalize the plots and post the data on the WRC website.
      1. Al will contact Jamie to see how he is progressing with the web site.
      2. Al and Tim will download the loggers in January.
5. We discussed the desire and need to have an automated weather station at townhall.
   1. Paul offered to contact a connection at the DCR.
   2. Tim offered to contact Steve Mabee (State Geologist) to see if there might be state money available. (Well #3 is currently part of the USGS well monitoring project)
6. Paul and Al presented the present conductivity study in Roaring Brook
   1. We have two data loggers out this winter measuring stream conductivity.
   2. We discussed the need to make more observations on a daily basis (e.g. snow banks, snow accumulation, salt application etc.).
   3. Paul asked Nancy to record periodic observation of conditions at the base of the “S” turns.
7. We discussed the ATT Long-line that crosses town with respect to potential environmental impact.
   1. Al agreed to locate and share a recent exchange on NextDoor Shutesbury.
   2. We decided to further investigate the issue and see if the line was removed in other towns for environmental concerns.

Meeting adjourned at 9:10 PM