Poughkeepsies' Joint Water Board

January 3, 2012
Minutes

Board Members	**Others**
Mayor John Tkazyik	Randy Alstadt, Administrator
Paul Herman	Don Beer, Morris Associates
Mark Newton	David Wise, Gellert & Klein
Todd Tancredi	Mike Long, City Administrator
Rich DuPilka	Milo Bunyi, City Finance Commissioner
	Keith Ballard, Town Water
	Doreen Tignanelli, Customer

1. **Selection of 2012 Officers**

   Mayor Tkazyik called meeting to order, then passed leadership to council David Wise. David asked for nominations for Chairman. Todd Tancredi nominated Mark Newton. Mayor Tkazyik seconded. Board approved unanimously. David based leadership to Mark Newton who continued officer election. Todd Tancredi nominated John Tkazyik as Vice Chairman. Mark Newton seconded. Approved unanimously. Mayor Tkazyik nominated Paul Herman as Secretary. Todd Tancredi seconded. Board approved unanimously.

   Motion was made by Mark Newton to close reorganization and go to regular minutes.

2. **Approval of December 3, 2011 Minutes**

   Minutes were approved as written.

3. **Public Participation**

   None

4. **Plant Status Report**

   Randy Alstadt reviewed his written report. Randy noted that Centrifuge #1 was returned December 19th however, the unit needed further repairs and was returned to the shop. Based upon continued build-up of sludge it was necessary to contract hauling of liquid sludge at approximately $20,000. The Centrifuge was returned again today (January 3, 2011) and is currently being installed and tested.

   Randy stated that most recent testing of Principal Organic Contaminants (POCs) identified acetone in raw water and plant effluent. Randy stated information has been provided to health department. Randy further advised that repeat samples did not find toluene but acetone was discovered. Acetone level was below MCL.

5. **Budget Status**

Operating Budget: Randy Alstadt reviewed status report as of December 31, 2011. Randy stated based upon sum of all active budget lines report shows $90,000 to be left over. Randy stated there is still a charge of $20,000 to haul liquid sludge, $10,000 for UV supplies and another $10,000 for miscellaneous expenses. Randy stated he expects unspent of around $40,000.

Capital Budget: Randy stated that he did not update capital plan as current study costs have not fixed improvement costs.

6. Disinfection Byproduct Study

Randy Alstadt introduced Russell Ford of CH2M Hill who provided a presentation of the study being performed by his firm with Morris Associates.

Based upon lab tests it is possible to limit disinfection byproducts by minimizing detention time in distribution systems. It was recommended that City and Town distribution models be combined and analyses be performed to improve distribution operation. CH2M Hill and Morris Associates were directed to propose scope and costs.

Randy stated that of the two options for pH reduction carbon dioxide was safer for handling and added alkalinity which will reduce corrosion potential of treated water. Randy stated the sulfuric acid would make water more corrosive and was very hazardous to those that handled it. Randy stated that if sulfuric acid was selected we would have to be extra careful handling and delivering the solution.

Mark Newton asked what would be needed prior to deciding for chlorine dioxide. Russell Ford stated in diagram all decisions above would be required with the exception that pH adjustment would not be required if MIEX is selected.

Mark question if centrifuge would be required. Russell stated for all options centrifuges must be replaced.

Todd Tancredi asked if Board selected chlorine dioxide what would be the risk. Russell explained that testing indicates it may not work. If it doesn't work costs for chlorine dioxide system will be lost.

Mark Newton questioned what could be done to avoid capital expenses. Russell stated that by combining City and Town models they can determine distribution modifications that will minimize disinfection byproducts. Russell stated he is working with Don Beer to determine costs for this effort. Russell stated he anticipates costs would be $100,000 to $200,000 and 3 to 4 month effort.

Todd Tancredi stated that key is to find more information.

Mark Newton questioned if Dutchess County should be added to model. Don Beer stated County could get value if they are added.

Mayor Tkazyik stated Board needs to get price for what needs to be done.

7. Low Lift Pump Rebuild Status

Randy Alstadt stated that Low Lift Pump #3 was returned December 28th . Testing and commissioning will be performed in January.

8. Operation Staffing Memorandum

Randy Alstadt provided Board a memo defining hours needed to operate plant and sludge plant. Randy stated that adding an additional operator would result in a cost savings by reducing overtime. Milo Bunyl stated benefit costs should be 40%. Todd Tancredi noted that sick leave use is excessive and that steps should be taken to reduce those costs. No action was taken.

9. Old Business

Randy Alstadt stated Wappingers Falls plant stopped taking water December 27th.

John Tkazyik stated that budget that was handed out does not show bottom line and was useless. Randy stated items that are not included are fixed costs established by the City Finance Commissioner prior to setting budget. Randy explained further that budget shown includes operating costs which are variable costs therefore ultimate result is reflected in summarizing only those lines.

10. New Business

Board set next meeting date for Tuesday, February 7, 2011, 4:30 PM at the Poughkeepsies' Water Treatment Facility.