

Cheshire WPCA Special Meeting

June 9, 2014 held at 7 AM

Room 210, Town Hall

Members Present: Chairman Tim Pelton, Tom Scannell, and Ken Cianci.

Member Absent: Matt Bowman, Steve Carroll, Mark Kasinskas

Staff: Town Engineer Walt Gancarz

Public: Thomas Knowlton, Milone & MacBloom

Chairman Pelton called the meeting to order at 7 AM and began with the Pledge of Allegiance.

Roll call was taken and it was determined that there was not a quorum of WPCA members present.

Chairman Pelton outlined the protocol should an emergency evacuation of the town hall be required.

Chairman Pelton offered the floor to Tom Knowlton who asked to update the authority on several points that were raised at the regularly scheduled May meeting of the WPCA.

1. Air release valve – For illustration purposes, a cutaway working model of an automatic air release valve was demonstrated. The valve would be located at the highest elevation of the force main and provide a release mechanism for any air accumulation. Further discussion will take place between Dennis Dievert, Walter Gancarz, and AECOM regarding if an automatic or manual release valve is appropriate.
2. Pipe Insulation vs. Heat Tracing – Pipe insulation is used successfully and extensively throughout the state. Examples include use by the Regional Water Authority, Aquarian Water Company, and a 2 inch force main in Greenwich. The pipe insulation manufacturer has offered to prepare thermodynamic analysis of the two bridge crossing proposed by WS development. The Authority expressed interest in having that analysis done as well as providing information on the durability of the outer layer of material protecting the insulation.

3. I/I – an additional 4000 gallons per day has been added to the projected daily discharge from the WS development to account for I/I.
4. Force main odor control – Mr. Knowlton commented that a carbon charcoal filter will be installed in the wet well. Walter expressed interest in learning more about the size of the filter and any maintenance requirements.

Mr. Perrotti arrived at 7:22 AM.

Mr. Knowlton left meeting at 7:26 AM.

Discussion followed regarding the WS development project. The consensus of the authority members present was to get more technical information regarding the insulation properties for the two force mains crossing the bridges. Walter will make some inquiries to the Regional Water Authority and their experience with insulated pipe crossing bridges. Dennis Dievert will speak with his counterpart in Greenwich to discuss the insulated 2 inch force main used in their system. It was unanimous that WS be informed that a permanent hydrogen peroxide injection system be installed in their pump station. When it becomes apparent that odor control is no longer a problem in the force main the unit can be turned off.

There was a lengthy discussion on elements that should be stated in the developer's agreement outlining the methodology and how the private WS sewer system might be taken over by the town at some point in the future. Additionally, should there be a transfer of ownership of the WS development to another developer, the transfer of operations and maintenance protocols and maintenance records of the private sewer system must be transferred to the new owner. Lastly, the WPCP supervisor reserves the right to periodically review all ongoing maintenance practices regarding the private WS sewer system.

The chairman announced that Andrew Lord will be leaving Murtha Cullina soon to start working for an environmental firm in Old Saybrook. During his transition Attorney Lord will be asked by the Chairman if he can continue to work on the developer's agreement with WS based upon his knowledge of his needs of the WPCA and his experience as the WS Development has evolved.

WPCP Construction Update

The town engineer commented that PCB mitigation of the digester building has commenced and that bids have been solicited for PCB removal in the influent pump station and the operations building. EPA final approval of the encapsulation process following PCB removal has yet to be finalized.

The construction timetable remains on track with significant progress being made on the generator building, the administration building, and the UV/phosphorus building. Project funding cash flow from the state is working well and payments are being made on timely basis. Adjustments are being calculated regarding the payment due Synagro regarding the final volume of material removed from the digester building less any additional expenses/damages experienced at the plant during the debris removal process.

It now appears that a 50% grant for phosphorus removal will not be granted to Cheshire in spite of initial reports out of Hartford to the contrary.

John Perrotti suggested that a walking tour of the plant construction be scheduled sometime in June or July.

I/I

Walter commented that he was starting to analyze some very interesting data regarding increased flows into the sewer system during the rainy season (April 2014). Further analysis will take place to determine where in town the increased flows are most significant. Once that area has been targeted and the flows quantified, the WPCA will have further deliver deliberations on developing and implementing an action plan to look at sump pump utilization and discharge within the target area.

Sump Pump Committee

No meeting were convened nor actions taken pending further analysis of the I/I data.

No motions were made or any invoices paid at this meeting.

Tom Scannell presented an article on flooding in the northeast. (Attached)

Submitted by:

Tim Pelton, chairman