

Water Pollution Control Authority
October 24, 2012
Regular Meeting
Town Hall – Council Chambers

Members Present: Mr. Steve Carroll
Mr. Walter Gancarz (Vice Chairman)
Mr. Mark Kasinskas
Mr. John Perrotti
Mr. Thomas Scannell
Mr. David Schrumm (8:30 p.m.)

Members Absent: Mr. Tim Pelton (Chairman)
Mr. Matt Bowman

Others Present: Mr. Dennis Dievert, Superintendent, WPCD
Mr. Donald Chelton, AECOM

Vice Chairman Gancarz called the meeting to order at 7:30 p.m. Roll was called and a quorum determined. The assembled group recited the Pledge of Allegiance. Mr. Gancarz explained to the audience how to exit the chamber in the event of an emergency, in compliance with the Fire Marshal's order.

PUBLIC COMMUNICATIONS

There were no public communications to come before the Authority.

APPLICATIONS

156 North Brooksvale Road

Mr. Kasinskas recused himself from discussion and or action regarding this application.

Mr. Ryan McAvoy of Milone and MacBroom addressed the Authority on behalf of the applicant. He informed the Authority that his client is requesting Feasibility Approval for a three-lot subdivision at 156 Brooksvale Road between King Road and Route 10. There is an existing house on the property which will remain on one of the lots.

The existing house is connected to the town sewer system and the property was assessed in 1981. The applicant is proposing to connect the two new lots to the town sewer system that exists on North Brooksvale Road. The new homes will be sewerred by gravity.

Mr. McAvoy presented a detailed map showing how the properties will be sewerred. The two lots will be accessed by an access easement which will include the right to install and maintain utilities which will include laterals. The laterals will be privately owned.

Mr. McAvoy informed the Authority that the subdivision is in the Neighborhood Conservation Area which is a permitted sewer area. It is located in an R-20 zone.

Plans include cleanouts which meet town standards. Mr. Gancarz suggested that the cleanouts be located at bends in the pipes for easier access. Mr. McAvoy agreed to investigate that and include it in the final design. Mr. Gancarz further questioned the distance between the taps into the sewer system. Mr. Dievert agreed that the taps should not be as close as shown.

Mr. Dievert suggested that the applicant look into installing a manhole, which would mean that there would be only one lateral into the town sewer line. Mr. McAvoy stated that he would look into that, but thought it may be very costly. Mr. Gancarz suggested that Mr. McAvoy include that suggestion in final design. He also suggested that the minimum distance between taps be at least ten feet.

Mr. Dievert questioned the slope of the lateral and suggested that basement service could be provided if two laterals are installed. He further questioned the length of the lateral run which he deemed excessively long. Mr. Dievert suggested that a manhole be installed which would eliminate some of the cleanouts.

Mr. Gancarz suggested that the Authority grant Feasibility Approval and take up other concerns of the Authority before granting final approval.

Mr. Scanlon moved that the Cheshire WPCA has reviewed the application and submittals of PT Real Estate Investments for Feasibility Approval For Extension of Public Sanitary Sewers. Based upon that review and based upon the recommendation of the Director of Public Works, the WPCA has determined that the application and submittals detail a sanitary sewerage system which is generally capable of construction and which is capable of being connected to the Town of Cheshire public sanitary sewer system; therefore, the application is APPROVED, with the following conditions:

This Approval is preliminary and does not constitute conclusive nor final approval. The right to connect to the sewer system can only be gained by applying for, and obtaining approval of, Final Design Approval, an Award of Capacity, and a Sanitary Sewer Connection Permit.

1. All costs connected with the proposed sewer system shall be borne by the developer.
2. All transfers of property in the subject development shall be encumbered by written waiver by each grantee to any right to appeal any benefit assessment which the Town of Cheshire may levy on such property; however, each grantee may reserve the right of appeal regarding supplemental assessments that the Town may levy.
3. The application and submittals are incorporated and made a part of this Approval.
4. Final design will be coordinated with Mr. Dievert prior to submission to the Water Pollution Control Authority.

The motion was seconded by Mr. Perrotti and carried unanimously. Mr. Kasinskas had previously recused himself and did not vote on this motion.

CALL FOR PUBLIC HEARING

Authority members discussed setting a fee for the annual Sewer Use Fee for next year. Mr. Dievert presented a detailed Wastewater Treatment Plant rate analysis for the 2012-13 year. He stated that each \$5.00 increase in the sewer use fee results in approximately \$44,425 increase in revenue.

The treatment plant budget has been well managed and has been facilitated by the previous increase in the sewer user fee. In response to a query from the Authority, Mr. Dievert stated that he does not see any significant increase in operation and/or management costs of the plant due to the plant upgrade; in fact some areas may be reduced. Mr. Dievert informed the Authority that the Town Council is recommending a \$10.00 increase which would result in the sewer use fee increasing to \$355.00 per year. It will be necessary to call a public hearing before the next monthly meeting to allow public input regarding the sewer use fee.

Mr. Scannell moved that the Water Pollution Control Authority call for a Public Hearing prior to the regular monthly meeting of November 28, 2012 to set the sewer use fee, not to exceed \$355.00 per single-family equivalent dwelling unit. The motion was seconded by Mr. Perrotti and carried unanimously.

PROJECTS

WPCD Plant Upgrade Design-Project Update

Mr. Chelton informed the Authority that as a requirement of the RFP for the installation of the Disc Filter, Kruger, Inc. was required to provide a ten day performance test to demonstrate that they can achieve the target total phosphorus concentration as follows:

Seasonal Average limit of 0.12 mg/l

Average Monthly limit of 0.31 mg/l

Maximum Daily limit of 0.62 mg/l

The filter was operated for ten, eight hour days which ended on October 11. During the testing period the filter was operated at design year average day hydraulic loading conditions for seven days and design year peak loading conditions for three days.

Mr. Chelton stated that effluent samples were collected on each day of the test and measured for total phosphorus. The samples were analyzed by an independent third party EPA certified lab, the WPCP lab and by Kruger.

Mr. Chelton presented a table showing the influent and effluent total phosphorus concentrations by each laboratory on each testing day. The average total phosphorus concentration was 0.074 mg/l during the seven day average daily flows testing period and

was 0.093 mg/l over the three day peak flow testing period. All of the values are well below the target seasonal average total phosphorus concentration of 0.12 mg/l required by the disc filter RFP. Mr. Chelton stated that based on the testing results AECOM recommends that Kruger, Inc. be selected to provide the disc filter equipment for the treatment plant upgrade.

Mr. Chelton stated that the independent lab values were sometimes at odds with the numbers from Kruger and the WPCD. In order to do a further check, a spare sample for each day was kept in the refrigerator. Those samples were sent to Meriden and their results mirrored the results of Kruger and the WPCD. The independent lab feels that there may have been a problem at their end.

Mr. Dievert noted that very low levels of phosphorous are being measured, which can cause some variances in the values. Mr. Dievert concurs with the recommendation of Mr. Chelton, that Kruger has met the requirements of the performance tests.

Mr. Scannell moved that the Water Pollution Control Authority select the firm of Kruger, Inc. to install the disc filters to remove phosphorous as part of the WPCD upgrade project. The motion was seconded by Mr. Perrotti and carried unanimously.

Mr. Chelton referred to an article in the newspaper that the coalition of Southington and surrounding towns has received a 5-year relief from the phosphorous removal requirements. Those towns will only have to go to a .7 mg/l limit for this permit cycle. Those limits can be achieved with chemicals.

Authority members received copies of Amendment #3 from AECOM for additional work relating to the WPCD Upgrade Project. Mr. Perrotti inquired as to why the funds requested would not bring design to 90% completion. Mr. Chelton responded that design is at 80% now. Discussion has been that it would cost approximately \$350,000 to finish this project, and 5% of that is \$100,000, which is the amount requested in the amendment.

Mr. Gancarz acknowledged that there was extra design work because the disc filter was included, then taken out, and then included again. He feels that a \$300,000 additional fee is a large change to the original price. Mr. Chelton responded that when the contract was signed over a year ago, AECOM said that the funds available were not adequate to get to 100% of design, but that it would only bring design to 90% completion. That means that the project was \$200,000 behind in funding before it even began.

In addition, Mr. Chelton stated that there was the removal and addition of the disc filter. Mr. Gancarz stated that he wants to keep the project moving, and does not want to hold up payment to AECOM so he is recommending that the amendment be approved, but remove the section relating to the percentage of completion of design.

In response to a query from Mr. Carroll, Mr. Chelton stated that there was no contingency in the design fee. Mr. Chelton stated that in addition to the removal and addition of the disc filters there were additional fees for the pre-selection process and value engineering.

Mr. Gancarz offered that nothing will be certain until the Authority sees the entire design package at the next meeting. Mr. Chelton stated that if the percentage is removed from the language of the amendment, his firm will be required to meet 90% completion of design and he does not feel that it can be accomplished with \$100,000.

Mr. Chelton informed the Authority that the additional work has been completed without the additional 10% markup, or \$45,000, because of the good relationship that AECOM has had with the town over the years. Mr. Gancarz stated that he recognized and appreciated that, but feels that there is still \$150,000 in additional fees. He noted that there has to be an agreed upon end point to this issue. Next month all of the information will be available and a discussion of this issue will take place at that meeting.

Mr. Gancarz moved that the Water Pollution Control Authority accept Amendment #3 of AECOM, but delete Article 2.3 and 2.3.1 regarding percentage of completion. The motion was seconded by Mr. Carroll and carried unanimously.

Mr. Gancarz requested that Mr. Chelton prepare a spreadsheet showing the breakdown of all additional costs for the WPCP Plant Upgrade Project for the next meeting.

Mr. Scannell moved that the Water Pollution Control Authority approve Invoice #37280709 in the amount of \$13,249.25 for design work relating to the WPCD Plant Upgrade Design Project. The motion was seconded by Mr. Perrotti and carried unanimously.

West Johnson Pump Station Design Project

Mr. Chelton referred to an e-mail received from Mr. Michelangelo before his departure regarding the agreement for the design of the West Johnson Avenue Pump Station. He indicated that the amount approved by the Authority for design, in addition to conceptual design evaluation and bonding and printing costs exceeded the appropriation for this project of \$180,000.

Mr. Michelangelo requested that AECOM prepare an amendment to reduce the level of effort and fee for the final design to bring it within the current capital appropriation. Mr. Chelton suggested that the level of design be reduced to 90%.

Mr. Carroll moved that the Water Pollution Control Authority approve Amendment No. 2 to the agreement with the Town of Cheshire for services relating to the West Johnson Avenue Pump Station Design Project. The motion was seconded by Mr. Scannell and carried unanimously.

Mr. Gancarz offered that this will work out well in that the project is not likely to move forward in the foreseeable future.

Mr. Chelton requested that invoices that have been submitted within the last three months be approved and paid now that the agreement has been signed. Mr. Dievert will look into that.

Mr. Perrotti moved that the Water Pollution Control Authority approve Invoice #37280750 in the amount of \$31,584.00 for work relating to the design of the West Johnson Avenue Pump Station Project. The motion was seconded by Mr. Gancarz and carried unanimously.

Mr. Chelton informed the Authority that documents will be ready for the January meeting.

Phase I Wastewater Facilities Plan

Mr. Gancarz inquired about the invoice relating to this project. Mr. Chelton stated that it took approximately two years to receive comments from the DEEP regarding Phase I of the Facilities Plan. The invoice relates to AECOM preparing comments responding to DEEP as well as finalizing the plan.

Mr. Scannell moved that the Water Pollution Control Authority approve Invoice #37280708 of AECOM in the amount of \$5,180.23 for work relating to Phase I Wastewater Facilities Plan. The motion was seconded by Mr. Perrotti and carried unanimously.

SUPERINTENDENT'S REPORT

Performance Test Disc Filter

Mr. Dievert noted that this item was discussed previously at this meeting. In response to a query from the Authority, Mr. Dievert responded that the disc filter will not be difficult to maintain and will result in pristine water.

Status of NPDES Permit

Mr. Dievert informed the Authority that the permit was signed by Betsy Winfield of DEEP on October 1. This starts the clock for phosphorus removal for 4-5 years. The plant upgrade project should keep the town well within the permit timeframe. Reports on progress of phosphorous removal will have to be submitted from time to time.

NEW BUSINESS

There was no new business to come before the Authority.

OLD BUSINESS

WPCA OPM Map

Mr. Kasinskas is working on the report relating to the new OPM map. Mr. Voelker of the Planning Department will address the Town Council in the near future regarding the map. Mr. Schrumm suggested that representatives from the Authority attend that Town Council meeting to be better informed.

Mr. Kasinskas commented that there is a complete change of definitions, as well as many changes to the map itself. Mr. Schrumm offered that the Authority still needs to honor the Facilities Plan. Mr. Chelton concurred and stated that the guiding principle of the Authority is the Facilities Plan.

WPCA Education Effort

Mr. Gancarz reported that he and Mr. Pelton have given a presentation regarding the upgrade to the treatment plant at several town group meetings and it is being very well received. Most people have been very supportive of the plant upgrade. The presentation is on the Access channel and there is a video on the town website. The time of presentation matches the TV schedule.

Mr. Dievert informed the Authority that he will be meeting with a reporter from the Record Journal regarding the project.

Chesprocott Summary

Mr. Dievert reported that there was nothing of significance noted in the Chesprocott summary this month.

APPROVAL OF MINUTES

Mr. Scannell moved that the minutes of the regular monthly meeting of September 26, 2012, be approved as published, subject to correction. There being no corrections, the motion was seconded by Mr. Perrotti and carried unanimously.

ADJOURNMENT

Mr. Scannell moved that the Water Pollution Control Authority adjourn at 9:00 p.m. The motion was seconded by Mr. Gancarz and carried unanimously.

Respectfully submitted,

Walter Gancarz, Vice Chairman
in the absence of the Chairman
Water Pollution Control Authority

Attest:

Susan F. Zwick

Distribution:

Members: W.P.C.A.
Michael Milone, Town Manager
David Schrumm, Town Council Liaison
Andrew Lord, Town Attorney
Donald Chelton/Jon Pearson, AECOM
Joseph Michelangelo, Ex-Officio Member
George Noewatne, Operations Manager
Dennis Dievert, Superintendent [WPCD](#)
Susan Zwick, Recording Secretary

