

**MINUTES OF THE TOWN OF CHESHIRE WATER POLLUTION CONTROL
AUTHORITY REGULAR MEETING HELD ON WEDNESDAY, MAY 25, 2016 IN
COUNCIL CHAMBERS, TOWN HALL, 85 SOUTH MAIN STREET, CHESHIRE CT
06410.**

Present

Steve Carroll, Vice Chairman; Matthew Bowman, Mark Kasinskas, Tom Scannell,
James Sima. Absent: John Perrotti (Chairman) and Ken Cianci.
Staff: Walter Gancarz, Town Engineer

PLEDGE OF ALLEGIANCE

The Group Pledged Allegiance to the Flag

ROLL CALL

The clerk called the roll and a quorum was determined to be present.

Mr. Carroll read the emergency evacuation notice.

1. PUBLIC COMMUNICATIONS

Mr. Gancarz informed the Authority members that Cheshire WPCA received a Sustainability Award from DEEP. The plant was recognized for the upgrade, removal of phosphorous, high energy efficiency of the upgrade, substitution of ultra violet for chlorination and dechlorination.

2. APPLICATIONS

a. Feasibility Application - Talmadge Road Map 66, Lot 14.

Van Hopson, E.I.T. Milone and MacBroom, presented the application. Mr. Hopson stated the site is on the east side of Talmadge Road between Copper Beach and Wallingford; it is an undeveloped parcel; has an 8 inch private sewer leader to serve 3 lots at a cost to the lots, and maintenance by the lots. The run is 236 LF, all gravity.

Mr. Gancarz referred to his memo of May 19, 2016 on the subject parcel. From a technical standpoint the proposed sanitary sewer shows a cleanout at the terminus which should be a manhole. Flows are estimated at 681 gallons per day, which is within expected limits. The 2008 Facilities Plan shows undeveloped property. No recommendation was made whether to sewer this area or not, and the WPCA will make a decision on how to handle this.

The Authority was told by Mr. Chelton that there is a 2012 final Facilities Plan and copy of a map which was shared with the members. The plan is the end product of the sewer use analysis, and it was done in conjunction with WPCA and Chesprocott. There was a draft copy of the report and map which was a working document and shared with the Authority. Based on results of meetings the map was revised to reflect the input and decisions made, and that is the final document. Mr. Chelton said there was a push at that time from DEP to establish sewer boundaries. The Plan of Conservation and Development (POCD) became a big issue at this time; DEP wanted the Plan followed;

and threatened to withhold grant funds. The Town wanted a more definitive position from the community. There was a formal vote saying to adopt the future sewer plan. There was no recommendation for sewerage based on the zoning, soil type, etc. When looking at the capacity of the plant, infill properties...those numbers were included to determine capacity at the plant. The final report has this area not recommended for sewers.

The members looked at the AECOM map. Mr. Carroll commented on the map at that time, more careful management of the areas, back when there was a moratorium.

According to Mr. Chelton, this triggered the entire upgrade process, and determined whether there may be sewers in the future. This plan is the end product of the sewer needs analysis and was done in conjunction with input from WPCA and Chesprocott. The original copy and map was used as a working document. Based on results of the meetings, the maps were revised and are the final maps, and WPCA adopted them for future sewerage.

Mr. Chelton said DEEP wanted to establish sewer boundaries. DEEP wanted communities to start using the POCD.

Mr. Carroll noted developers prefer sewers to septic system.

The WPCA was told by Mr. Hopson that there are sewers along the front of the property. Lot #1 has limited area due to wetlands; lots 2 and 3 are capable of having septic systems. The entire site cannot be sewerage; only lot #1 can be sewerage, and connect to the existing manhole 8 inch private lateral across the front. Soils on lot #1 are unknown until test pits are done.

Stating this is a feasibility application, Mr. Carroll said the WPCA can move ahead and realize the answer may change later.

Mr. Gancarz pointed out that feasibility says "sewerable" but work out the technical details. Lots 2 and 3 are more amenable to septic systems; lot #1 can connect to the sewer system; 227 gallons for lot 1 will not change the level of accuracy of the Facilities Plan. The WPCA can accept all three, or say go on septic.

In considering a change to the map, Mr. Chelton said the next developer wants sewers in an un-sewered area, and WPCA says it is not part of the plans...and you are out. The WPCA could be setting a precedent, has broken that rule, and it will be hard to apply the rule in an indiscriminate manner.

Mr. Bowman spoke at the public hearing when this was being proposed. He pointed out that the piece between the two pieces which are sewerable were questioned back then. He was assured at that time that they could come in, could request feasibility for the parcel, and he asked about everything sewerable except for one piece. There is ledge and a high water table in this area.

On the map, #11, Wiese Road, Mr. Bowman noted this was changed through a lawsuit. And the lawsuit said it was done from the top down instead of from the bottom up. PZC and IWW were not involved in this...it was done by WPCA and Chesprocott. He said PZC has the decision on where future developments should go. Mr. Bowman said the AECOM map is very good. Point #1 is that this is a piece of property on an island by itself...showing it not being able to be sewerred...unless the Town goes to great expense, comes up Talmadge Road to Wallingford Road, up Sir Walter and Charles Drive which are septic systems now. These are one acre lots and sooner or later we will be running sewers there.

According to Mr. Bowman, developers expand water main systems, and the Town has the ability the systems to a partial that needs it. Parcel 11 was sewerred because of the lawsuit. In his opinion, Mr. Bowman said this parcel, because it is on an island by itself, should have the ability to be sewerred.

Mr. Sima commented on many water mains being paid by the Town. He said this property is on the hay/cornfield area. Mr. Sima asked about wetlands on the front part of the lot, and if lot can be sewerred without a main all the way down the road...or is there need to extend the main to the manhole.

Mr. Hopson said it would be a single lateral tying into the existing manhole.

Once we start down this road, Mr. Sima said other pieces of property in Town would be available for sewers.

Mr. Carroll understands the precedent setting here, but stated this map was drawn in 2012 when the system was under stress, with an effort to conserve. There are not the same issue now, so the map could be revisited and changes made.

It was suggested by Mr. Scannell that the WPCA go back and find out whether there is flexibility to do anything.

Mr. Gancarz noted this map was adopted, but there could be further revisions, and he said there are already sewers in area 11. There is flexibility to accept, deny, accept lot #1...lots 2 and 3 could be septic. Test pits can be done on lot #1.

Stating he is sympathetic to Mr. Bowman's points, Mr. Kasinskas is willing to grant feasibility, given the current status and not knowing the history. He would like an opportunity to go back through minutes, and defer this matter for one month. There is possibility of having the test pit data, and he is interested in having more of a case on the hardship side.

The WPCA wants to review what was done in 2012, and Mr. Carroll stated the matter should be delayed one month. Test pits can be done on lot #1; lots 2 and 3 are feasible for septic; there would be a clear idea about what transpired in 2012, the options, and leaning in the direction of septic over sewers in this area.

The WPCA was told by Mr. Bowman that he had an option to purchase this property, and it has a high water table. A normal septic system does not work; there is a precedent with #11 sewer; and he would consider having parcel #13 sewer. He said the applicant could get together with the Kurtzs and Platts.

This is a single lot subdivision and Mr. Hopson said a one month delay will not effect the application.

Vice Chairman Carroll deferred the application to the June meeting.

For the record, Mr. Chelton clarified that PZC was engaged through process, and the Town Planner had an active role in coming up with the future development. WPCA at that time invited other boards and commissions to workshops to develop the final plan.

3. PROJECTS

a. AECOM Invoice #37747056 dated 5/12/16 in the amount of \$21,217.12

MOTION by Mr. Scannell; seconded by Mr. Bowman.

MOVED that the WPCA approve AECOM invoice #37747056 dated 5/12/16 in the amount of \$21,217.12

Discussion

Mr. Gancarz reviewed the invoice and recommends it for payment. He said it covers many start up items and the O&M Manual. Nothing should be withheld from payment.

VOTE The motion passed unanimously by those present.

b. Contingency Status as of 5/19/16

Mr. Gancarz reviewed the contingency data as of 5/19/16. We are right at the numbers; contingency started at \$945,704; design extras \$20,750; change orders \$607,029; PCBs \$131,359; estimated change orders are \$76,703 (flashing on windows, doors); current estimated contingency \$137,624.

Last week the company visited the site; the Town will get the estimate shortly; it is hoped to be reduced by \$59,000.

Under "New Business" AECOM is modifying their cost to complete their services; some items to be eliminated (first year report); will be about \$60,000 adjustment. Mr. Chelton stated the projected cost to complete is \$191,627, and figuring this into the contingency it leaves \$653.81. There are many unknowns going forward, i.e. flashing, warranty items...AECOM offered to come in at \$175,000, which leaves \$16,000 in the pot, which AECOM may not need further down the road. The projections better and better than they are at 30% to 60% completion. Start-up of equipment took longer for many reasons; AECOM was more involved with more costs; digester will not be fully

percolating until the end of June or early July. Some costs could be less, and there are many items out there.

Current Contingency is at \$653.81.

Following a brief discussion about PCB costs, the Authority members asked Mr. Chelton to pull out the PCB numbers out, account for them separately, and have an updated spread sheet on the plant upgrade.

Mr. Chelton stated AECOM would provide the separate information.

On the blue sheet in the packets, Mr. Gancarz noted that this information is provided. He cited "warranty services" ...\$32,354; spent to date \$7,400; with another \$8,000 to be spent.

Before this is all approved, Mr. Bowman asked if AECOM could provide costs needed to get to late June/early July. It is understood more money will be needed and an addendum to the contract, and he wants to know how much more the bill will be.

This can be done and Mr. Chelton said the \$191,000 will be higher, but there are avenues to pursue with cut back efforts...for record drawings.

It was stated by Mr. Carroll that Mr. Chelton made it clear these are not final numbers; they are an educated guess; and more money will be needed.

Mr. Gancarz has requested Mr. Chelton to prepare this information for the June meeting, to be discussed and adopted by the WPCA. The prudent way to go is \$131,000 for PCBs as an amended #1 amount; go on, track where things are; see the final adjustment at a later date; and the first year report is gone from the costs.

With regard to the PCBs, Mr. Sima commented on many insurance companies covering contamination or spills, and asked about checking out the past insurer for Cheshire had this type of coverage.

Mr. Chelton said the PCBs were put in when the plant was built in the 1960's. PCBs became eliminated as caulking/paint additive in 1978.

Mr. Gancarz will check into this and report to the Authority.

c. May 2016 Estimate Cost to Complete
(discussed under item #3)

4. SUPERINTENDENT'S REPORT

a. Update on Construction Progress.

5. TOWN ENGINEER'S REPORT - Mr. Gancarz

Mr. Gancarz reported the following. The biggest item is the Digesters; the primary one is full; secondary one is partially full; they are being heated; they are waiting for the anaerobic process to take over.

Supt. Dievert returns in about 2 weeks, but he is monitoring the plant during his recuperation.

SCADA screens being finalized; punch list items; landscaping items; no Carlin invoice this month; plant is actually operating normally; UV system working well; phosphorous working well; at different points, when disks back wash there is bit of a surge on the UV system; working on getting those operating at the same speed; the plant is meeting permit compliance; there are no AECOM or Carlin people on site.

Mr. Chelton reported phosphorous units are below target level; it is .12 at full capacity.

Mr. Gancarz stated the permit gives a maximum of 4.02 a day; full capacity is .12; the plant runs at 2.5 most of the time.

a. CCI Claims Commission Update

There is a meeting between the attorneys in June; it is a status meeting between the State and the Town; more will be known after this meeting.

Mr. Gancarz explained that the Legislature is in its last days of meeting. Through the efforts of Rep. Mary Fritz, a bill was passed to directly address Cheshire's situation...increase in funding for the phosphorous portion to 50% from 30%. This would generate \$1.8 million to the Town.

According to Mr. Chelton the Governor has not yet signed this bill, but is expected to sign it shortly.

6. NEW BUSINESS

a. Letter from Chesprocott dated 4/28/16

b. Letter from Chesprocott date 5/5/16

c. Discussion of proposed AECOM amendment #1 to Engineering Services.

Mr. Gancarz expects to bring the PCB matter back for the June meeting. The other portion is estimated at \$60,000; each month more things close out; the unknowns continue to shrink.

d. Other business of the WPCA.

Mr. Bowman informed the Authority that the CHS Athletic Director has requested a change to the code on the high school gate, and that it be kept confidential. This would prevent further damage to the gate.

7. OLD BUSINESS

a. Update from Sump Pump Subcommittee

No report; meeting to be scheduled.

Mr. Gancarz checked items regarding costs to treat I&I. In the 2013 Sewer Use Study the operating cost of the treatment plant was looked at, and it was in excess of \$3 million. Variable costs (electricity, heating etc.) were taken out of this cost; \$787,000 was considered the variable cost based on the flows. I&I was about 191 million gallons out of 933 million gallons treated at the plant...at a cost of \$172,000.

b. Approval of Minutes - Regular Meeting of April 27, 2016

MOTION by Mr. Bowman; seconded by Kasinskas

MOVED to approve the minutes of the Regular Meeting of April 27, 2016 subject to corrections, additions, deletions.

VOTE The motion passed unanimously by those present.

8. ADJOURNMENT

MOTION by Mr. Bowman; seconded by Scannell.

MOVED to adjourn the meeting at 8:38 p.m.

VOTE The motion passed unanimously by those present.

Attest:

Marilyn W. Milton, Clerk