

**MINUTES OF THE TOWN OF CHESHIRE WATER POLLUTION CONTROL
AUTHORITY MEETING HELD AT 7:30 P.M. ON WEDNESDAY,
MARCH 27, 2019 IN ROOM 207-210, TOWN HALL, 84 SOUTH MAIN STREET,
CHESHIRE CT 06410.**

Present

John Perrotti, Chairman; James Sima, Tom Scannell, James Urbano and Zack Wellburn

Absent: Aboud Abdelghani and Steve Carroll.

Staff: Scott Hallier, Supt. WWTP

The group present Pledged Allegiance to the Flag.

ROLL CALL

The clerk called the roll and a quorum was not present.

Chairman Perrotti read the emergency evacuation notice.

Chairman Perrotti congratulated Supt. Hallier on his appointment as Plant Superintendent, and welcomed him to the WPCA meeting.

Supt. Hallier thanked the Authority members for their support. He briefly highlighted his professional career...14 years in Branford CT as Asst. Supt. and 17 years in Cheshire as Asst. Supt. He has enjoyed his career in Cheshire and looks forward to working with the WPCA members.

1. PUBLIC COMMUNICATIONS

a. See New Business

b. Letter to Ms. Tummala (attached).

Mr. Gancarz read his letter into the record. Ms. Tummala had an application before the PZC for an in-home business preparation of Indian dry snacks and sweets. The town wanted to insure "best management practices" were in place to prevent oil and grease blockage in the sanitary sewer force main from the 95 Higgins Road house. The force main will be monitored over the next 6 months.

2. APPLICATIONS

a. Cheshire Housing Authority – 1538 South Main Street

Ryan McEvoy, P. E. Milone and MacBroom, represented the applicant, Cheshire Housing Authority (CHA).

The application is for a 43-44 unit affordable housing complex of 5 building, and CHA to connect to the sewer system for 1538 South Main Street. The site is currently occupied by a home and dental office; it is wooded with open areas to the east; it is south of Cook Hill Road and So. Brooksvale on the east side of South Main Street; it is a 5.5 acre site,

rectangular shape; across the street from Rising Trail (17 houses); south of the BCA Animal Hospital; and west of residential properties.

There is an existing force main across the street on Rising Trail that serves 17 houses (Chesterfield Subdivision), providing individual pumps for each house that connect into a pressure force main, which discharges to the west, up the hill, to Harrison Road, then traveling by gravity north eventually into So. Brooksvale and South Main Street.

CHA is seeking feasibility to connect sewers to the housing complex, which is owned and maintained by CHA. The manner of connection would be individual pumps for each building connected to low pressure force main tied into the Rising Trail force main.

The existing force main collection system in Chesterfield Estates consists of a 2.5" pipe on Ted's Court and on Rising Trail east of Ted's Court. Once these two pipes combine the force main upsizes to a 3" force main pipe along Rising Trail west of Ted's Court. The recommended velocity for flow in a sewer force main is about 2 feet per second to 8 feet per second. The proposed and existing 2.5" force main would be flowing at about half capacity at 2.5 to 3.0 velocity per second. The proposed 2.5" force main is more than adequate to accommodate the total estimated wastewater generation from the existing homes and 44 additional apartments.

Mr. McEvoy explained that CHA is seeking feasibility approval which will help with funding from the State Department of Housing. The CHA is also seeking PZC approval and amending the text of the zoning regulations. With feasibility approval, CHA can go to the Dept. of Housing and seek funding and design of the development. It is understood that more details will be necessary and provided at the final approval for capacity application. The CHA is seeking approval to connect into the town's force main on Rising Trail.

It was explained by Mr. Perrotti that this is a two step process, going for feasibility (is it possible and an area identified as being sewerred) and the developer comes up with a technically sound method to perform this. The WPCA decision is not based on anything with the application, but whether connection is feasible and possible.

Mr. Gancarz summarized his memo of February 21, 2019 to the WPCA. At the informal meeting in February there was a chance to review what is proposed by the CHA. It is a two step process. Feasibility about whether the project is feasible for the sewer system, and award of capacity and approval of the final design. The applicant needs feasibility approval to seek funding.

The Feasibility Plan (Plan) indicates areas of town to be served by sewers, which is the basis for the design of the treatment plant. The plant was recently upgraded and the current Plan indicates this area that should be sewerred. This is in agreement with the Plan. For official and final design, it shows a force main joining on Rising Trail, which is

feasible. The Authority's position is to try and serve by gravity when it can be done. The applicant is encouraged to explore other alternatives to the north and east. If those were to be feasible, there would be requirements of easements. The WPCA is not in the business of requiring a private property owner to give up an easement...it must be worked out between CHA and the property owners. At the feasibility section, this is shown as a sewered area in the plan. The CHA has shown one option that could work as final design. It is recommended that the feasibility be approved, with the stipulation that the CHA continue to explore graving sewer options, and any final design must show the applicant meeting all the criteria.

Mr. Sima commented on his agreement with Mr. Gancarz in regards to the Facilities Plan. He said there is exceeding of a few thousand gallons a day because of it being affordable housing. His concern is going to a force main, and getting into a gravity feed system is better for the whole town.

Chairman Perrotti told Mr. McEvoy that the WPCA is strongly pushing CHA to try for a gravity feed system.

In that regard, Mr. McEvoy noted that the CHA agrees it is better to serve by a gravity sewer. The options will be reviewed, which would require easements not currently available to CHA.

On the plans, Mr. McEvoy pointed out the areas surrounding the subject site...Southpond Circle, Mulberry Court. He stated the site buildings will have an elevation of 155 to 160. Mulberry Court is lower with a sewer gravity line to the north, with 145 elevation. It would be theoretically possible to connect to the gravity sewer line east of Mulberry Court. Similarly, to the north, either through South Pond Circle or properties along South Main Street.

Mr. McEvoy said these options may not be feasible. There could be a new gravity line to the north connecting to the South Main Street interceptor, 1220 ft. to the north. This would require a sewer main 17 feet down as it passes over the high point of the road. This is not a cost effective option. CHA will pursue easements from the property owners. Right now, the only option is the force main connection to Rising Trail force line.

It was reiterated by Mr. Sima that the WPCA approval is not for the project...it is approval for sewers to be put onto this property. The applicant must come back to the WPCA.

Mr. Scannell asked if CHA has run into any roadblocks.

In response, Mr. McEvoy pointed out CHA has property on Rumberg Road, but does not have the budget to pursue procurement of easements until special funding is received from the State. CHA has met and discussed the proposal with Mulberry Court

and South Pond Circle residents, explaining the nature of the project. There seems to be some interest in the project and what will be available with easements.

MOTION by Mr. Sima; seconded by Mr. Scannell.

MOVED that the WPCA grants feasibility approval to the Cheshire Housing Authority for property at 1538 South Main Street as submitted by Milone and MacBroom. any final design must provide evidence of the ability to be served by gravity.

Discussion

Mr. Sima asked about a caveat of not more than 10,000 gpd. He raised the issue of someone else coming in, other than CHA, and wants to build more houses on this property...this runs into going well beyond the feasibility plan for this property.

Mr. McEvoy does not believe this approval would apply to another scenario. There would be another application to WPCA for additional feasibility approval.

Chairman Perrotti stated such a situation would require a new feasibility study and approval.

VOTE The motion passed unanimously by those present.

3. PROJECTS

Mr. Sima recused himself from action on all the DelRay projects.

a. DelRay Contracting – West Johnson Pump Station, Invoice #13 (includes CO's # 1, 2, #3) dated 2/14/19 in the amount of \$246,189.45.

Mr. Gancarz explained items a/b/c are for the West Johnson Pump Station project, which is substantially completed, and going well. He recommends approval of the three invoices. The retainage in the budget is \$100,000. AECOM has a punch list of the station totaling \$78,000 for work to be done, and this is covered by the retainage funds. The work to be done includes landscaping, paving, and the project should be completed in two months.

MOTION by Mr. Scannell; seconded by Mr. Urbano.

MOVED that the WPCA approve the DelRay Contracting – West Johnson Pump Station, Invoice #13 (includes CO's # 1, 2, #3) dated 2/14/19 in the amount of \$246,189.45.

VOTE The motion passed 4-0-1; Sima abstained.

b. DelRay Contracting – West Johnson Pump Station, dated 2/19/19 Change Orders #4 ,in the amount of \$2,996.20 (raise lights in the pump room above

ductwork, install a NEMA 6 junction box and wiring for sump pump, replace existing wood blocking as part of roof panel replacement).

MOTION by Mr. Scannell; seconded by Mr. Urbano

MOVED that the WPCA approve the DelRay Contracting – West Johnson Pump Station, dated 2/19/19 Change Orders #12, #13, #14, in the amount of \$2,996.20 (raise lights in the pump room above ductwork, install a NEMA 6 junction box and wiring for sump pump, replace existing wood blocking as part of roof panel replacement).

VOTE The motion passed 4-0-1; Sima abstained.

c. DelRay Contracting – West Johnson Pump Station, Invoice #14 dated 3/19/19 in the amount of \$41,340.21.

MOTION by Mr. Scannell; seconded by Mr. Urbano

MOVED that the WPCA approve the DelRay Contracting – West Johnson Pump Station, Invoice #14 dated 3/19/19 in the amount of \$41,340.21.

VOTE The motion passed 4-0-1.

d. AECOM – West Johnson Pump Station, invoice #2000177623 dated 2/20/19 in the amount of \$9,331.21.

MOTION by Mr. Scannell ; seconded by Mr. Urbano.

MOVED that the WPCA approve the AECOM – West Johnson Pump Station, invoice #2000177623 dated 2/20/19 in the amount of \$9,331.21.

VOTE The motion passed unanimously by those present.

e. AECOM – Request for Amendment to Engineering Services at West Johnson Pump Station.

Mr. Gancarz reported this project was to be done in 12 months by September 2018. The contractor took a long time to complete the project, and this issue has been discussed in the past by the WPCA. The contractor did not move diligently to move the project; said it was held up getting pumps from overseas; and this will continue to be a discussion item about not finishing on time. There has not been official imposition of charges, but there was a significant impact on the town. AECOM has spent additional time at the site for inspection, additional submittals, and three months ago AECOM estimated its additional cost for its impact...a cost of \$74,000. A few months ago, WPCA approved \$30,000 of the \$74,000, and AECOM is now requesting the \$44,336 balance.

It is unfortunate there are additional costs, but Mr. Gancarz said in fairness AECOM did incur additional time, issues with gas pressure, gas regulator/replacement and upsizing the regulator. The request for payment should be approved, as AECOM still needs to provide record drawings for staff to use for future work at the station.

Supt. Hallier stated the payment should be approved. There is still a ways to go with AECOM, especially with record drawings and finishing up final inspections. He said the quality of work was good, and AECOM has incurred extra time at no fault of their own.

At this time, Mr. Gancarz noted a legal letter has not been sent to DelRay. They were told at a meeting that town incurred additional costs, and would look to them to pay these costs.

Chairman Perrotti said WPCA wanted to cover AECOM overcharges through liquidated damages clause. We are getting to the process of discussions with DelRay...without bringing the project to a halt.

Stating his agreement, Mr. Gancarz said the next meeting will be the time to address this with DelRay.

MOTION by Mr. Scannell; seconded by Mr. Sima.

MOVED that the WPCA approve the AECOM – Request for Amendment #6 to Engineering Services at West Johnson Pump Station.

VOTE The motion passed unanimously by those present.

- f. Wright Pierce – Cook Hill Pump Station, invoice #121845 dated January 24, 2019 in the amount of \$971.43.**
- g. Wright Pierce – Cook Hill Pump Station, Invoice dated 2/25/19 in the amount of \$989.42 (includes overdue finance charge of \$17.99).**

Mr. Gancarz reviewed items f and g together. He informed the WPCA that Wright Pierce, engineers for the Cook Hill Pump Station, are doing a great job. He reviewed the invoice for February approval, \$2,169.43. Wright Pierce said this would exceed their fee limit by \$53.65, and made a courtesy adjustment. \$971.43 is the amount due. With regard to the \$17.99 invoice (g), this was a billing department error, and the invoice can be ignored.

MOTION by Mr. Scannell; seconded by Mr. Sima.

MOVED that the WPCA approve the Wright Pierce – Cook Hill Pump Station, invoice #121845 dated January 24, 2019 in the amount of \$971.43.

Discussion

With regard to the \$17.99 service charge, Mr. Sima asked if there is a clause in the contract about net number of days for payment.

In reply, Mr. Gancarz noted the company took their time in getting the bill out, and the second bill arrived the same day as the first bill.

VOTE The motion passed unanimously by those present.

h. Paramount Construction – Cook Hill Pump Station, Application #10 dated 3/15/19 in the amount of \$11,464.26.

Mr. Gancarz distributed another bill with #10 revised. The bill is \$11,445.21 due to a math error. He recommends payment of the revised bill.

MOTION by Mr. Scannell; seconded by Mr. Sima.

MOVED that the WPCA approve the Paramount Construction – Cook Hill Pump Station, Application #10 dated 3/15/19 in the amount of \$11,445.21.

VOTE The motion passed unanimously by those present.

Chairman Perrotti requested adding item “3-I” to the agenda.

MOTION by Mr. Perrotti; seconded by Mr. Sima.

MOVED that the WPCA add agenda item “3-I” to the agenda.

VOTE The motion passed unanimously by those present.

i. AECOM invoice #2000189855 in the amount of \$8,983.17.

Mr. Gancarz said this is the March bill and he recommends payment.

MOTION by Mr. Scannell; seconded by Mr. Sima.

MOVED that the WPCA approve the AECOM invoice #2000189855 in the amount of \$8,983.17.

VOTE The motion passed unanimously by those present.

The Authority was advised by Mr. Gancarz that the West Johnson Pump Station will finish with about a \$900,000 surplus; and Cook Hill Pump Station will be under budget.

4. INTERIM SUPERINTENDENT'S REPORT

a. Status of Plant Operations

Supt. Hallier reported the plant is running well and the numbers look good. The phosphorous removal process starts April 1st; and ultra violet on May 1st.

Mr. Gancarz is hearing that DEEP may require disinfection year round.

Supt. Hallier said it is now May 1st to October 30th. He advised this will double the electric bill for the ultra violet operation, which is part of the electrical usage.

In looking at the averages coming into the plant, Mr. Sima said we are running over 3M and he asked if there is jeopardy of getting close to 3.6M.

Supt. Hallier said "no".

5. TOWN ENGINEER'S REPORT

a. Cook Hill Pump Station

Mr. Gancarz reported there will be landscaping in the spring.

b. West Johnson Pump Station

Mr. Gancarz reported this project is substantially complete within the next two months, with a healthy surplus.

c. Dike Certification

Mr. Gancarz reported this is close to being finished. The FEMA draft map was received, showing the area of the plan removed from the flood zone. It is hoped this will be official in a few months; and the plan will be covered up to \$5M under the Town's General Liability Policy.

WPCD budget meeting next week with the Town Council, and Mr. Gancarz will attend.

d. PCB Reporting at WPCP.

6. NEW BUSINESS

a. Requests for Sewers:

- i. Arrowleaf Court**
- ii. Payne Drive**
- iii. Mixville Road**

Mr. Gancarz reviewed and explained the sewer requests from people interested in sewers to their area.

- Arrowleaf Court is off Ward Lane. On the map the green is location of existing sewers. The Facilities Plan 19A recommends the area to be served by sewers.

- Arrowleaf Court slopes down as a cul de sac, and we cannot get into Ward lane by gravity. There is common land behind lots #30 and 40, and cross connection to Higgins. The Authority could make a recommendation to the Council and it would be a referendum item. There would have to be a pressing need and substantial number of residents interested in connection. There are no health concerns in this area.

Chesprocott has provided Public Works with the 2018 septic system failures, and none of these three streets have shown failures.

- Payne Drive – is an infill area; one inceptor goes down Payne, and this would be extending it to the west; sewerage is feasible; unless there is a pressing need and 8+ neighbors are interested in connection, Mr. Gancarz does not recommend connecting and costs for a line. Mr. Sima noted one failure at 114 Payne Drive on the list.

In the letter, Mr. Perrotti noted residents have had issues for years.

- Mixville Road – 460 Mixville; there are sewers out there; it is recommended for sewers; the person interested would have to extend the main several hundred feet.

7. OLD BUSINESS

a. Approval of Minutes – Regular Meeting of January 23, 2019

MOTION by Mr. Sima; seconded by Mr. Urbano.

MOVED to approve the minutes of the Regular Meeting of January 23, 2019 subject to corrections, additions, deletions.

VOTE The motion passed unanimously by those present.

Note – Regular Meeting of March 6, 2019 – no quorum.

8. ADJOURNMENT

MOTION by Mr. Scannell; seconded by Mr. Urbano.

MOVED to adjourn the meeting at 8:40 p.m.

VOTE The motion passed unanimously by those present.

Attest:

Marilyn W. Milton, Clerk