



TECHNICAL COMMITTEE MEETING MINUTES

Wednesday Dec 13, 2017

2nd Floor Conference Room

Building 11, 111 Harbor View Avenue

Stamford CT 06902

4:30 p.m.

Attendees:

Daniel Capano	Chairman, Technical Committee
Edward Kelly	Committee Member
Merritt Nesin	Committee Member
William Brink	Executive Director, WPCA
Robert Pudelka	Assistant Plant Supervisor, WPCA
Prakash Chakravarti	Supervising Engineer, WPCA
Herbert F Hingley	Synagro
Pamela K Racey	Synagro
Lissa S Ham	Synagro
Peter Scorziello	Synagro

1. **Call to Order and Roll Call.**

D. Capano called the meeting to order at 4:45 pm and announced all the attendees as above.

2. **Approval of Nov 8, 2017 Technical Committee Meeting Minutes.**

M Nesin made the motion to approve the Nov 8, 2017 Technical Committee meeting minutes; it was seconded by E Kelly. Motion carried 3-0-0.

3. **Presentation by Synagro on why we should negotiate the renewal of their contract for continued operation of the sludge pelletizer.**

P Racey of Synagro, opened the presentation by giving a brief description of Synagro's business model in bio-solids waste management. She said that Synagro has been operating and maintaining the sludge pelletizer at the Stamford Water Pollution Control Facility since its inception in 2008. The current contract will be ending in 18 months and under Section III.2 allows commencing negotiations to renew this Service Contract for an additional term. B Brink said that he checked with the City Purchasing Agent and the City Attorney, who informed B Brink that if the Board Of Directors believe that the negotiations would be in the best interest of the SWPCA and the City of Stamford, in getting a better arrangement in a negotiated agreement, and approve a bid waiver, it would comply with the City's Purchasing Ordinance.

P Racey further said that many landfill sites have shut down due to restrictions, and prices for sludge disposal at indoor sites have gone up by twenty percent (20%). Rebidding the service would result in increased costs for disposal of sludge. From their experience she said that Andritz Technology is the favorable technology for sludge dryers. H Hingley added that the sludge at Stamford is undigested sludge, which makes it difficult to operate the dryer and the Synagro staff does continuous maintenance of the Andritz dryer.

D Capano asked about the throughput limitations for the dryer to which W Brink said that there are limitations in the air quality permit so as to limit the sludge dryer production, based on the number of sludge transports per hour, and the exhaust discharge. P Scroziello said that Synagro would be reaching out to Connecticut DEEP to increase the number of transports per hour for increased throughput before 2019 when the permit is up for renewal. D Capano asked if there would be any cost savings from increasing the permitted sludge production and not having to haul sludge cake. P Scroziello said the cost for hauling excess sludge as cake could be reduced fifty percent (50%) by modifying the permit. The permit modification could be pursued now prior to renewal of Synagro's contract.

E Kelly remarked that the SWPCA was very pleased with the improvements Synagro's Plant Operator P Scroziello, has done, his honest and trustworthy presentations to the Technical Committee. R Pudelka stated that currently on an average we are producing about twenty eight percent (28%) more solids. M Nesin commented that the SWPCA should also explore the option of operating the pelletizer in-house. H Hingley remarked that the ultimate risk of disposal of the product is a challenge and P Racey added that Synagro has extensive experience in disposal of the biosolids. W Bring indicated the operations staff would be unionized with classified labor where as Synagro's labor are cross-trained. D Capano asked SWPCA staff and Synagro to provide details of their proposal showing potential cost savings in a negotiated renewal of their service contract.

4. Discussion and vote: Tighe & Bond's lump sum fee proposals of \$27,000 for addressing the storm drain related improvements for the Perna Lane area sewer project, as requested by City Engineering Bureau.

W. Brink stated that Tighe & Bonds request for lump sum fee \$27,000 is for addressing Engineering Bureau's requests for improvements to the drainage system. P Chakravarti added they want to have additional drainage installed at Pine Hill Terrace, inspect all catch-basins to confirm that it meets City standards, and video tape the drainage system to check on possible need for replacement etc. D Capano asked if it was being paid for by City Bonds. W Brink said it will be reimbursed by the City. M Nesin made the motion to approve the \$27,000 lump sum to Tighe & Bond for addressing the storm drain related improvements for the Perna Lane area sewer project, as requested by City Engineering Bureau. The motion was seconded by E Kelly. Motion carried 3-0-0.

5. Discussion and vote: Tighe & Bond's not to exceed fee proposal of \$65,000 for providing on-call hourly professional services during construction of Phase I of Perna Lane area sewer project.

W. Brink stated that SWPCA requested Tighe & Bond to provider a fee proposal for providing on-call hourly professional services during construction of Phase I of

the Perna Lane area sewer project. D Capano asked if they would be providing full time site inspection. P Chakravarti said they will be on call and full time site inspection would be by a SWPCA hired Clerk Of The Works. E Kelly made the motion to approve the \$65,000 for construction administration, seconded by M Nesin. Motion carried 3-0-0.

6. Update on engineering studies and designs,

P. Chakravarti presented the following updates:

a. Wedgemere Road Area Sewers.

EPB application has been filed.

b. Perna Lane Area Sewers.

Stamford EPB has approved the project contingent to WPCA addressing Engineering Bureau's storm drainage related issues prior to bid advertisement.

c. Infiltration & Inflow study.

CDM Smith is completing the sanitary sewer evaluation survey for the second sub area identified in the I&I study. The contract for lining the sewers has been signed and we will be having a kickoff meeting to start the lining project with Kenyon Pipeline Inspections.

d. Headworks and Secondary Treatment Improvements

Wright-Pierce is working on design for the Headworks and Secondary treatment improvements.

e. UV Disinfection System Upgrade

Hazen & Sawyer have submitted the draft Request for Proposals to pre-select the UV Disinfection system to be procured by the contractor during construction.

7. Update on construction projects, -- P. Chakravarti

a. Dyke Lane pumping station upgrade.

Contractor, Holzner Electric informed us that the 2000 KVA standby generator has been installed. Contractor has been awaiting directive from the power company Eversource to core bore the existing electrical vault.

b. Arc Flash –Electrical preventive maintenance.

Met with the contractor Reuter Hanney and staff electrician to discuss their means and methods for shut down of electrical motor control centers to conduct the arc flash analysis. Contract has not been signed as yet.

c. Flow distribution to the secondary clarifiers and effluent pumps.

The contractor CH Nickerson, has completed the mixed liquor distribution box, modulating valves and shutoffs for the sludge suction pipes.

d. Upgrade of the SCADA system.

Arcadis is working on the "dashboard" display in December. Work on the firewall and connection to the internet has been pushed back to January.

8. Old Business:

There was no old business to discuss.

9. New Business:

There was no new business to discuss.

M Nesin made motion to adjourn meeting, second by Ed Kelly motion carried 3-0-0. Meeting adjourned at 6:40 pm.