



TECHNICAL COMMITTEE MEETING MINUTES

Wednesday Jan 17, 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

Prakash Chakravarti

Supervising Engineer, WPCA

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

D Capano called the meeting to order at 4:35 pm and announced all the attendees as above.

2. **Approval of Dec 13, 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. **Update on Sludge Dryer Operating Contract.**

W Brink opened the discussion with the pros and cons and the logistics of the WPCA's options to take over the operations of the sludge dryer. W. Brink will prepare a memo to address questions raised by the Committee, including 1) the benefit and cost of continuing the operation of the dryer vs. shutting it down and hauling sludge cake for disposal off site, 2) what other providers of this service (dryer operation) exist, 3) what effort and cost would it take for SWPCA to take over the operation of the dryer, 4) why has Synagro been unable to market the sale of the dried sludge pellets to others, and 5) is cogeneration a viable option?

4. **Discuss adding effluent launder covers to Final Settling Tank No. 2 as a change order to the Flow Distribution Improvements construction contract with C H Nickerson.**

W Brink said that the construction of the Flow Distribution Improvements project is substantially complete, and the project is under budget since Hazen currently is significantly under budget in construction administration. He indicated that C H Nickerson's quality of workmanship has been excellent so we were exploring the possibility of installing effluent launder covers on final settling tank No 2 (same as on FST No. 3) as a change order to their contract. However, C H Nickerson has left the site and will have to be remobilized to do the work, so there is not a strong justification for awarding them the additional work. The committee decided that WPCA should solicit competitive bids for installing the launder covers on FST No. 2.

5. **Update on engineering studies and designs,**

P. Chakravarti presented the following updates:

a. **Wedgemere Road Area Sewers.**

EPB has requested the WPCA to grant them 65 days extension for the review of the application. He has sent them the extension memo.

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. The Tighe & Bond Engineers have submitted a fee proposal of \$27,000, which was approved by the Technical Committee at its Dec 13, 2017 meeting. Awaiting approval by the full SWPCA Board of Directors.

c. **Infiltration & Inflow study.**

Kenyon Pipeline Inspections has started sanitary sewer relining work in Greenwood Hill ST., Mill River ST. & West Main ST. area, and Willowbrook Avenue.

d. **Headworks and Secondary Treatment Improvements**

Wright-Pierce is working on the design for the Headworks and Secondary treatment improvements. They will be meeting WPCA staff to discuss the controls for the secondary treatment.

e. **UV Disinfection System Upgrade**

Request for Proposals to pre-select the UV Disinfection system has been advertised the RFPs are due on Feb 7, 2018.

6. **Update on construction projects, -- P. Chakravarti**

a. **Dyke Lane pumping station upgrade.**

Contractor, Holzner Electric informed us that their completion date for the project has been significantly changed due to scheduling priorities by the power company Eversource and General Electric the supplier of the electrical switchgear, due to disaster relief efforts in the recent hurricane effected areas.

b. **Arc Flash –Electrical preventive maintenance.**

Contract has been recently sent to Reuter Hanney for signature.

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

The contractor CH Nickerson, has substantially completed the flow distribution improvements project and have de-mobilized.

d. **Upgrade of the SCADA system.**

Arcadis has developed the "dashboard" display. W Brink showed the committee a screen printout of the dashboard. Work on the firewall and connection to the internet has been scheduled to be completed by Jan 22, 2018.

7. **Old Business:**

Review proposal by Andritz for rehabilitation of two (2) gravity belt thickeners. W Brink presented the committee with Andritz's itemized cost for the parts and labor for rehabilitation work, but the proposal by Andritz was missing the narrative description of the work. He indicated that WPCA mechanics would install the parts under the direction of Andritz's service technician at total cost of \$115,565. The committee agreed to revisit the proposal once we receive the narrative description from Andritz.

8. **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.