



TECHNICAL COMMITTEE MEETING MINUTES

Wednesday February 10, 2016

2nd Floor Conference Room

Building 11, 111 Harbor View Avenue

Stamford CT 06902

4:30 pm

Daniel Capano	Chairman, Technical Committee
Edward Kelly	Committee Member
Merritt Nesin	Committee Member
William Brink	Executive Director, WPCA joined at 4:35 pm
William Degnan	Plant Supervisor, WPCA
Prakash Chakravarti	Supervising Engineer, WPCA

1. Call to Order and Roll Call

D Capano called the meeting to order at 4:30 pm.

2. Approval of January 13, 2016 Technical Committee Meeting Minutes

E Kelly made the motion to approve the minutes of the meeting for January 13, 2016. Seconded by D Capano. The motion carried 2-0-1 M Nesin abstained.

3. Sludge De-gritting Study and approval of Gannett Fleming's scope of services and fees for extra services to include grit washer alternative. W Brink.

P Chakravarti stated that Gannett Fleming (GF) has presented their preliminary options and recommendations for upgrading the primary sludge de-gritting system in a workshop. The recommendations were to provide two grit classifiers with two cyclones each. Four primary sludge pumps with two grinders on the suction side of the pumps. P Chakravarti added that the WPCA asked if GF could investigate installing a grit washer so as to dispose the washed grit in the non-hazard regular waste stream or used in construction. M Nesin asked if installing centrifuges were considered in lieu of the cyclones. P Chakravarti explained that centrifuges are a good application for high efficiency dewatering of waste sludge, and not suitable for de-gritting purposes. After some discussion M Nesin made motion to recommend approval of GF's fee and scope to the SWPCA Board of Directors. The motion carried 3-0-0

4. Update on engineering studies and designs, P Chakravarti.

a. Dyke Lane pumping station upgrade.

Stantec contract for design services for Dyke Lane pump station has been signed and the design kickoff meeting was held last week. The engineers will be meeting with the power company to discuss the project.

b. Raw Sewage Pump Station and Aeration Blowers.

The request for Clean Water Funding (CWF) has been submitted to the Conn. Dept. of Energy and Environmental Protection. (DEEP) W Brink added that a meeting with DEEP has been scheduled for next week to discuss the eligibility for CWF.

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

Hazen & Sawyer presented their fifty percent 50% design plans for the distribution box. The three options for locating the box were presented. W Brink explained the layout of the effluent piping for the effluent pumps. He explained that lowering the discharge piping for the effluent pumps would increase the pumping capacity to meet the peak flow.

d. Wedgemere Road Area Sewers.

Meeting has been scheduled with the attorney for 267 Eden Road to discuss the easement to be acquired. Also other alternate routing for the sewer pipe is being considered for the sewers along White Oak Lane.

The property owners for 173 Eden Road and 193 Eden Road have also hired an attorney to address their concerns. A meeting with their attorney will be scheduled soon.

Met with Aquarion Water Company to assess the costs for providing water services to the properties in the project area. It is estimated to cost about \$20,000 to \$25,000 per parcel.

e. Perna Lane.

Awaiting plan modifications incorporating our review comments.

f. Motor Control Center (MCC) in the thickener building.

Review comments have been sent to the engineers. Have not received any response.

g. Shed for sludge trailers.

Working on preparing the request for proposals (RFP) to design and build the shed. A draft of the RFP will be presented to the committee at the next months meeting.

2. Update on construction projects, P Chakravarti]

a. WPCA Brick Wall Repairs.

Construction is on hold due to weather conditions.

b. SCADA System.

Met with Aaron Associates of Conn. who were the low bidders for hardware integration and some of the logistics involved in migrating from the old system to the new were discussed.

c. Arc Flash –Electrical preventive maintenance.

Tighe & Bond is preparing the scope of services for doing Preventive Electrical Maintenance of the 480V power panels.

d. Infiltration & Inflow study.

CDM Smith's will be conducting further study in the critical areas identified in the report.

3. Old Business

- a. W Degnan mentioned that one of the heating boilers in the administration building had a severe carbon monoxide leak over the weekend and one of the staff operators felt very dizzy. The fire department was called in and the boiler was taken off line. The boiler has been repaired.
- b. M Negin asked about the purpose for doing smoke testing of the sewer in Bedford Street. P Chakravarti said that the testing was done to investigate if the roof leaders for two properties were connected to the storm drains and not the sanitary sewers. He also asked if the metering of the makeup water for the odor control scrubbers was completed. W Degnan said that the work is in progress and will be completed when the weather improves.

4. New Business

There was no new business items to be included in the next month's agenda.

There being no other issues to discuss E Kelly made a motion to adjourn the meeting, seconded by M Negin motion carried 3-0-0. The meeting was adjourned at 5:30 pm.