



TECHNICAL COMMITTEE MEETING
Wednesday, June 4, 2014
2nd Floor Conference Room
Plant Site, 111 Harbor View Avenue, Stamford, CT 06902

5:30 p.m.

Attendees:

Daniel Capano	Chairman, Technical Committee
Daniel Schwartz	Committee Member
Gerald Bosak Jr.(Absent)	Committee Member
William Brink	Executive Director, WPCA
William Degnan	Plant Supervisor, WPCA
Prakash Chakravarti	Supervising Engineer, WPCA
Doug Flanagan	WEDECO, Xylem Water Solutions
Caleb Burton	WEDECO, Xylem Water Solutions
Paul Saurer	Hazen & Sawyer
Benjamin Levin	Hazen & Sawyer

1. Call to Order, Pledge and Roll Call

D Capano called the meeting to order at 5:30 pm

2. Approval of April 16, 2014 Technical Committee Meeting Minutes

D Schwartz made a motioned to approve the April 16, 2014 Technical Committee meeting minutes, seconded by D Capano. Motion carried 2-0-0

3. Approval of May 7, 2014 Technical Committee Meeting Minutes

D Schwartz made a motioned to approve the May 7, 2014 Technical Committee meeting minutes, seconded by D Capano. Motion carried 2-0-0

4. Update on the UV system

D Capano addressed the ongoing problems with the WEDECO/Xylem UV system and that the WPCA had been under increased scrutiny because of the repeated failures of the system. D Capano pointed out that repairs and modifications that could have prevented a majority of the outages were suggested by the WPCA and it was disappointing that WEDECO/Xylem had not been more pro-active and supportive during this crisis. It was also stated that the WPCA was not pleased with the response of the WEDECO/Xylem service department in addressing our problems and obtaining the required parts.

Mr. Flanagan explained that the WPCA will have WEDECO/Xylem's complete and timely support going forward. He explained that his organization has all the required resources to support us and he will do his best to improve their response.

Bill Brink then asked Mr. Flanagan about the expected life span of the UV system. Mr. Flanagan answered that it was not inconceivable that we could get 20 to 25 years of useful life out of the system if it was properly maintained and periodic component equipment replacements/upgrades were installed.

5. Odor control update

B. Brink mentioned that Wright-Pierce had submitted the preliminary design report for the sludge processing building duct work modifications. Following a meeting with the Engineers some modifications were suggested which will be incorporated into the final design. The final design is expected to be submitted by June 30th, 2014, and will go out to bid advertisement in August 2014. B Degnan stated that the rubber matting over the sludge dewatering filtrate wet well has been installed and it seems to have made a big difference eliminating this odor source. W Brink said there have been no odor complaints. D Capano stated that the general odor condition has been good to excellent.

Review RFQ for the infiltration and inflow evaluation.

B. Brink presented the Request For Qualifications for hiring an engineering firm to evaluate the infiltration & inflow in the sanitary sewer collection system. The Committee reviewed the RFQ and that the RFQ be released and advertised

6. Review scope of work for feasibility study of UV system

W Brink described the scope of work for the UV system feasibility study which will be added to the scope of work for the Flow Distribution Evaluation (Task 2) by Hazen and Sawyer.

7. Update on Construction Projects

a. Soundview Avenue sewer lining.

P Chakravarti stated that the contract has been sent to Precision Industrial Maintenance Inc. for their signatures and that a pre-construction meeting is being scheduled. B. Brink said that following the meeting with the lining contractor a meeting with the District Representatives will be held to inform them of the construction activities prior to public outreach.

b. Replace pipe supports in Raw Sewage Pumping Station.

P Chakravarti stated that the project has been rebid and that he expects to receive multiple bids.

c. Carriage Drive sewer project.

P Chakravarti said the construction for the sewer project is 90% complete and that he intends to send a directive to connect to the residents in July, 2014.

d. Wedgemere Sewer project.

P Chakravarti stated that the design is about 80% complete and that he is planning on holding an informational meeting for the homeowners in July, 2014

8. Update on Engineering Evaluations and Designs

a. Raw Sewage Pump Station Upgrade

B Brink stated that the contract for the engineering scope of services to evaluate the raw sewage pump station and design the necessary upgrade has been signed with Wright-Pierce.

b. Improvement of Flow Distribution to Final Clarifiers

B Brink mentioned that the staff met with Engineers from Hazen & Sawyer in a kickoff meeting to outline the scope of services and schedule of activities for improving the flow distribution to the final clarifiers. He also stated that the scope has been amended to include the UV system study.

c. Upgrade of SCADA System

B Brink mentioned that the task of upgrading the SCADA system has been awarded to ARCADIS and that the Legal Department is drafting the agreement.

d. Dyke Lane Pump Station Emergency Power and Electrical Upgrade

P Chakravarti stated that the design for installing the generator at Dyke Lane Pump Station is complete. Following minor edits to the bid documents the project will be advertised soon.

9. Old Business

B Brink informed the Committee that the selection committee will be interviewing four engineering firms namely:

ARCADIS

Hazen & Sawyer

AECOM

Wright-Pierce to evaluate the aeration system blowers and recommend better dissolved oxygen controls in the treatment process.

He also mentioned that two engineering firms, Gannett Fleming and Hazen & Sawyer, will be interviewed for providing improvements to the sludge de-gritting system on June 12, 2014

10. New Business

D Capano informed the committee and staff that he has successfully implemented and tested the pilot Wi-Fi wireless communications at the treatment plant odor controls.

He indicated that the equipment is currently being loaned by Aerohive and that the WPCA should consider purchasing the same for around \$1600

Also discussed was using the wireless as a viable alternative to wiring additional dissolved oxygen sensors at the anoxic and the aeration tanks.

There being no new business to discuss D Schwartz made a motion to adjourn the meeting, seconded by D Capano, motion carried 2-0-0

The meeting was adjourned at 7:00 pm