



**TECHNICAL COMMITTEE MEETING**  
**Wednesday, June 12, 2013**  
**2<sup>nd</sup> Floor Conference Room**  
**Plant Site, 111 Harbor View Avenue**  
**5:30 p.m.**

**Meeting minutes**

**Attendees:**

Dan Capano	Chairman, Technical Committee
Daniel Schwartz	Committee Member
William Brink	Executive Director, WPCA
Prakash. Chakravarti	Supervising Engineer, WPCA
William Degnan	Plant Supervisor, WPCA
Peter Scorziello	Plant Manager, Syangro CT

**1. Call to order, Pledge and Roll Call:**

Chairman Dan Capano called the meeting to order at 5:34 pm.

**2. Review and approval of previous meeting minutes**

D. Schwartz made the motion to approve the April 24, 2013 Technical Committee meeting minutes, and motion seconded by D. Capano. The minutes were approved 2-0-0;

**3. Status of odor control**

P. Scorziello stated that the temporary ducting for the RTO by-pass to the carbon canisters is in place. He stated that the fan provides a good draft. The carbon for the canisters is expected to be on site by Friday June 14, 2013. B. Degnan noted that the plant electrician did all the wiring.

P. Scorziello stated that exhaust duct will be extended above the roof to get better dispersion but that a crane would be needed. B. Brink stated that the duct could be extended at a later date if needed. D. Capano asked what would be the expected removal of odorous gases. P. Scorziello answered that the carbon would significantly REMOVE odors.

D. Capano asked about the Jerome meter. B. Degnan said that original meter was sent back for servicing and that we have a temporary replacement while the other is getting fixed.

P. Scorziello stated that Robert Lambelot of Synagro would like to get temperature control and demister installed in the ducting. He also stated that the permanent ducts would be galvanized.

B. Brink stated that the other scrubbers at the solids processing and the primary clarifiers are running with chemical feed. He also stated that the ORP sensors have to be moved to the sump. B. Degnan said that he is working on getting price quotes for moving the probes.

B. Brink stated that the PVC piping for the raw sewage pump station needs to be replaced. Price quote received from a contractor was high. B. Degnan said work will be done by plant personnel.

#### **4. RFQ for Engineering**

B. Brink stated that he was hoping to issue an RFP for on-call engineering services from which firms could be selected to do the various studies and designs at the plant, however as per Peter Privitera, Director, Office of Policy & Management, City purchasing ordinance would allow only one on-call firm to be hired and only for small assignments. B. Brink would like to hire multiple firms based on their expertise. He is preparing one RFP with multiple tasks (e.g. Task 1 - Evaluate and design upgrade of plant headworks, Task 2 - Evaluate energy efficient aeration blowers, etc.). Firms will need to submit separate proposals for each Task, and the selection of the firms will be Quality Based Selection based on their experience and expertise in each task.

#### **5. 5 Year Capital Improvement Projects (CIP)**

B. Brink presented the six year capital improvement plan from FY 13 to FY 18 as represented in the Engineer's Report by ARCADIS. He gave brief details on each of the improvements scheduled to be addressed in the coming years.

#### **6. Stormwater Pumping Station cost tracking update**

B. Degnan presented the flow data for Cove Island Pump Station and the time sheet for mechanics that depicts each individual's hours spent on stormwater pumping stations. CMMS software would ultimately be used to track the labor costs on the stormwater pumping station.

B. Brink stated that Norwalk WPCA uses CityWorks© CMMS software, which works well in GIS, for its sewer system and Maintenance Connection© CMMS software for its WPCF equipment. There are many CMMS software packages available, ranging from simple and inexpensive, to complex and costly. B. Brink stated that the CMMS software should be robust enough to be integrated into asset management and used in capital planning. B. Degnan noted that USEPA has indicated that in the future it will require asset management be

implemented as a condition to receiving federal funding. P. Chakravarti stated that USEPA has an Excel template for developing asset management.

## **7. Capital Projects status updates**

P. Chakravarti gave the following update on the status of capital projects:

- The rehabilitation of the secondary clarifiers and thickeners are complete and all the clarifier units are on line.
- Carriage Drive sewer construction has been bid, the contractor has been selected and the Law Dept. is drafting the contract. A Clerk of the Works for site inspection has been selected but has not been hired due to HR issues.
- B. Degnan has solicited price quotes to restore the site at Hobson Street Pumping Station.
- The Summer Street sewer repairs have been completed except the permanent trench repair.
- Eastern Pipe Service has been hired to reline the sewers in West Main Street, Hobson Street and the grit line on site at the treatment plant.
- Wright-Pierce has started inspecting the two main trunk sewers coming into the treatment plant.

## **8. Screenings and grit storage improvements**

B. Brink stated that there has not been a resolution to dealing with the storage of grit and screenings and the control of odors and leachate from the storage trailers. He said that the container odors could be treated by the carbon filters by locating the container at the overhead door for the sludge dryer and the drippings from the trailers could be contained by a trench drain tied into a drain inside the overhead door. The option of a covered "roll-off" dumpster to contain the odor was reviewed. Haulers have not been helpful in identifying how the roll-offs could be modified for odor control, and the plant operators prefer the current use of trailers. B. Degnan will arrange a meeting with DW haulers to review options for use of either a trailer or roll-off and its connection to odor control..

## **9. SCADA system upgrade.**

B. Brink stated that the SCADA system needs upgrading, as the latest software will not run on the hardware (now 8 years old). It a proprietary system by Honeywell and any upgrade requires both hardware and software provided by Honeywell. Open architecture systems using either Allen Bradley or Modicon PLC's are another option, and most programmers are very familiar with either of these. An engineer should be retained to evaluate the cost of each and provide a recommendation. D. Capano wants to attend all meetings on this subject as he is very familiar with the technology.

## **10. New Business**

D. Capano asked D Schwartz if he was agreeable to having D. Capano recommend him to be the designated Engineer representative on the WPCA Board of Directors. D. Schwartz agreed.

There being no FURTHER 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 7:10 pm