

TECHNICAL COMMITTEE MEETING MINUTES

Wednesday, March 11, 2015

2nd Floor Conference Room

Plant Site, 111 Harbor View Avenue

5:30 p.m.

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| Daniel Capano | Chairman, Technical Committee |
| Edward Kelly | Committee Member |
| Merritt Nesin | Committee Member |
| Gerald Bosak Jr. | Committee Member (Absent) |
| William Brink | Executive Director, WPCA |
| William Degnan | Plant Supervisor, WPCA (Absent) |
| Prakash Chakravarti | Supervising Engineer, WPCA |

1. Call to Order and Roll Call

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

D Capano welcomed Mr. Merritt Nesin as the newly appointed member to the WPCA Board of Directors and will serve as the Engineer representative on the Board.

2. Approval of January 28, 2015 Technical Committee Meeting Minutes

E Kelly made the motion to approve the minutes of the meeting for Jan 28, 2015.

Seconded by M Nesin; the motion carried 3-0-0.

3. Odor control update

B Brink stated that Wright-Pierce has submitted their report with recommendations for the modifications for the odor controls. He said that they looked at the ORP sensor/probe readings and had contacted Indusco who suggested the sensors/probes be installed in a slip stream off the discharge of the recirculation pumps. Additionally they have recommended replacing the recirculation pumps with smaller horsepower pumps. B Brink has contacted Eversource the power supply company to check if the replacement pumps would be eligible for any energy credits. Eversource has asked for the pump curves to assess the eligibility for energy credits.

D Capano asked about the ductwork modifications in the solids processing building. P Chakravarti stated that the work was bid and that only one bid was received at \$116,000. Wright-Pierce's estimate for the ductwork was in the range of \$50,000 and \$75,000. P Chakravarti mentioned that he checked with the staff mechanics if the work could be done in-house and they have agreed to do the modifications. The materials and tools necessary will be procured soon.

B. Brink mentioned that two carbon canisters have been bought and the mechanics will be doing the ductwork to connect the septage receiving manhole and the parked trailers.

4. UV disinfection system update

B Brink mentioned that there have been a few occurrences of UV dosage spikes which could not be explained, and the system has recorded (at different times) flow spikes in each UV channel, causing dosage to increase above the set point. He has

sent Xylem the SCADA screen shots. He will be contacting Xylem again to set up a conference call to discuss these issues and about completing the performance test of the programming changes completed last year. He also stated that there have been ongoing issues with the HIPPO UV transmittance monitor, which is being returned, and will be replaced with a unit from another manufacturer.

5. Update on engineering design/studies

P Chakravarti provided the following update to the committee:

a. Raw sewage pump station modifications

Wright-Pierce Engineers have submitted the preliminary design report for the modifications at the raw sewage pump station. They have made recommendations for upgrading the bar screens, septage receiving, odor control improvements and replacement of main pumps. The next step is to issue a directive for the design phase.

b. Blower Replacement and Dissolved Oxygen Control

Wright-Pierce has done some preliminary work on gathering data and soon will be presenting their recommendations for process modifications that can be done before the blower upgrade.

c. SCADA System upgrade

The Phase II Design Amendment to ARCADIS's contract was approved by the SWPCA Board and the contract has been signed by Michael Handler, Chairman of the SWPCA Board.

d. Infiltration and Inflow (I/I) Analyses

Flow Assessment has finished installing all the flow meters and are in the process of setting up the web based data acquisition and analysis. Scheduled to meet with CDM-Smith next week.

e. Wedgemere Road area sewers

Voluntary Easement acceptance agreements have been sent to the property owners for consideration of granting sewer easements. There are about nine easements to be acquired.

6. Update on construction projects

P Chakravarti provided the following update to the committee:

a. Raw Sewage Pump Station pipe supports replacement

All of the pipe supports except for five supports in the raw sewage pump station have been completed. The contractor will next move to work on the pipe supports in the operations building.

b. UV tank walkway replacement

The contract is still pending. The contractor met with us to discuss the scope of work.

c. Sludge transfer pumps

The sludge transfer pumps are scheduled to be delivered by the end of March 2015. Will be meeting the contractor to discuss construction coordination.

7. Old Business

There was no old business to discuss

8. New Business

D Capano stated that he had a brief discussion with Steven Pietrzyk, Collection System Supervisor on the radio communication with satellite pump stations and that the S Pietrzyk has not had any issues. D Capano would like to visit all the pump stations with the Plant Electrician, Walter Michalsky to collect and archive all the radio information.

There being no other issues to discuss Ed Kelly made a motion to adjourn the meeting, seconded by M Negin, motion carried 3-0-0. The meeting was adjourned at 6:30 pm.