



**Unapproved
Town of Ridgefield
Water Pollution Control Authority**

**WPCA Regular Meeting
October 27, 2016 7:00 p.m.
Town Hall Annex, 66 Prospect Street
Ridgefield, Connecticut 06877**

WPCA Present: Amy Siebert, Gary Zawacki, Ron Hill, Rudy Marconi, Kevin Briody
Suez: Jeff Pennell
AECOM: Jon Pearson

These are not verbatim minutes of the proceeding but identification of general items and specific actions undertaken.

1. New Business

- a. **Approval of Minutes from September 22, 2016 and October 3, 2016 by Mr. Zawacki, seconded by Mr. Hill, passing unanimously.**

2. Old Business

- a. **Danbury Interlocal Agreement** – Future Flow Projections. The present 140,000 gpd allocation for Turner Hill and Boehringer is sufficient capacity for future use and accepted by the City of Danbury, Department of Public Works for their Facilities Plan.
- b. **First Congregational Church Easement.** First Congregational Church submitted an easement for approval. The WPCA reviewed, amended and submitted the easement to Attorney Robert Jewell for execution.
- c. **Inflow Sources at Casagmo Condominiums.** A draft letter was submitted to the Authority for approval and was amended. Letter will be sent to property owners for inflow/infiltration removal. Discussed educating property owners on septic of proper maintenance of their system, i.e., what not to put down the drain. Suggested sending a maintenance brochure similar to the one sent to all sewer users and publishing information in the Ridgefield Press.

3. AECOM Report

- a. **Facilities Plan Update.**
 - i. **Phase 2 Wastewater Facilities Plan.** Work is proceeding on a number of tasks on the Phase 2 Facilities Plan as follows:
 1. Follow-up to the October 14, 2016 Alternatives Evaluation Workshop. Mr. Pearson provided additional information requested at the workshop:
 - a. Process/Equipment Installation Lists:
 - i. 4/5stage Bardenpho Process is in Connecticut
 - ii. Lakeside septic receiving systems
 - iii. Westfalia centrifuges (Centrisys was also contacted but did not provide an installation list yet – AECOM will follow up with them and Flottweg).
 - b. Route 7 WWTF Solids Pumping – Additional Alternatives. The alternative of a precast concrete building suggested by Mr. Hill at the workshop was discussed, as well as a fourth alternative AECOM developed involving adding enclosed stairways and access doors to

change the area classification so it is not a confined space. Following discussion, it was agreed that the fourth alternative is the selected alternative.

- c. Septage Receiving Concept. Mr. Pearson noted that if the package septage receiving systems are not what the WPCA and Suez feel is the best choice for an upgrade to the septage receiving area, then further options can be considered. Following discussion, the WPCA provided a sketch of a 2 tank decant system and it was agreed that this is the desired alternative for handling septage. Mr. Pearson noted that to address odors from the septage receiving area will require construction of a septage building to enclose the septic trucks as they unload so that the odorous air can be collected and treated via an odor control system. The building will potentially need to be tall enough to allow the town's vacuum truck to dump the receiver tank. AECOM will continue to work with Suez on developing this concept.
2. Infiltration/Inflow Investigation Fieldwork. Mr. Pearson distributed copies of Technical Memorandum No. 1 regarding the results of the dyed water testing and tracing fieldwork. The findings of the technical memorandum were discussed.

Mr. Pearson provided an update on the status of the manhole inspection work. Of the 558 manholes in Sewer District 1, 75 could not be located by the field inspection crew as they are buried, paved over, located under debris or other materials that preclude inspection, or were in condominium developments and Suez did not have knowledge of the locations. AECOM and Suez attempted to locate the additional manholes, and found 6 more of the missing manholes. Following review of the map showing the manholes that could not be located, it was agreed that the manholes that have been located should be inspected, and the manholes inspections will be curtailed after that. Over time, it was recommended that the missing manholes be raised as Suez conducts routine maintenance.

AECOM is also preparing technical memos on the sewer lateral TV inspections, house to house building inspections, and manhole inspections completed to date. All of the recommended I/I improvements will be prioritized in the Inflow Control Plan, which is a separate technical memorandum that AECOM will prepare.

3. Meeting with DEEP on Effluent Limits and Schedule. AECOM met with representatives from DEEP on October 5th regarding the potential effluent limits if both WWTFs were to be combined at South Street, potential modifications to the zinc limits, and the current Facilities Planning project status and schedule. Action items from that meeting include:
 - a. AECOM is to submit the current revised schedule for the facilities plan, and design and construction of the upgrades of the WWTF(s). DEEP understood that the current schedule is different than the compliance schedule in the two NPDES permits and did not see an issue as long as the Town is moving forward towards meeting the new effluent limits.

- b. The contents of AECOM's 8-18-16 letter on zinc were discussed. AECOM and Suez are reviewing the aquatic toxicity test results to verify CT DEEP has the correct data.
- c. After the meeting, DEEP indicated to AECOM that a vendor pre-selection for the phosphorus removal process will likely be required. AECOM will follow-up with DEEP in an effort to reverse this decision as it will add 4-6 months to the design schedule and as there are not multiple vendors for a given process (each is proprietary), the reason for this approach is not clear. AECOM noted that the overall schedule for the WWTF upgrade(s) has design of the WWTF upgrade effort starting in Spring 2017, and the funding mechanism for the design effort needs to be in place prior to that time.

b. Quail Ridge Pump Station Relocation Design.

- 1. AECOM's survey subcontractor has submitted the draft topographic and utility survey data. AECOM reviewed the data and has provided comments and additional information to the surveyor to revise and complete the survey effort. AECOM noted that there are no sewer record plans for the sewers in the Quail Ridge Condominiums, and no plans showing how the town buildings near the Highway Garage (2 Highway garage buildings, Parks & Rec building, Recycling center, scale house, transfer building, ROAR, and the former dog pound building) that are connected to the DPW pump station are sewerred. The WPCA will check with P&Z to see if there are any plans. AECOM will be scheduling supplemental soil/rock borings and will coordinate with the WPCA.

4. Suez Report. Suez Environmental reviewed the monthly report for September 2016 with no major incidents. Plant met permit limits.

- a. Mr. Pennell stated the International crane truck will be delivered and a demonstration and training session will be Monday, October 31 at 10:00 for all Suez staff. Mr. Zawacki will also be present.

Motion to adjourn by Mr. Hill at 8:30 p.m., seconded by Mr. Zawacki, and passing unanimously.

Submitted by Diana Van Ness