

MINUTES
Progress Meeting
Upgrade of WWTF

Date: May 27, 2015
Time: 9:00 AM
Place: WWTF, Town Farm Road, Ledyard, CT

Attending:

Steve Banks WPCA Supervisor, wpcasupervisor@ledyardct.org, 860-536-1769
Jeff McDonald F&O Project Manager, JMcDonald@fando.com, 860-646-2469 x5339
Zhijian (Jason) Tang F&O Project Engineer, ztang@fando.com, 860-646-2649 x5351

1. Handouts

- F&O distributed meeting agenda, project schedule, cost summary, and capital outlay tracking diagram.

2. Diffuser Replacement

- Proposals from Xylem Sanitaire and Aquarius were reviewed. Sanitaire diffuser will be used since it is what has been used in the plant.
- Only replace membrane. PVC piping will not be replaced.
- F&O will ask for formal proposal and forward to the Town. Then the Town can process purchase order.
- F&O will provide a list of installers.

3. SBR Tank Influent Control

- Will use electrical valve instead of pinch valve. This will get rid of compressor.
- Consider installing flowmeter for influent. Not need to be very accurate. Just for flow comparison between two tanks for solids/flow balance purpose.

4. Demolition

- Hazardous Material Abatement for Existing Tank Demolition
 - F&O EnviroScience submitted a proposal for testing. The Town wants to reduce the number of samples and price. F&O will talk with F&O EnviroScience.
 - The Town will contact Mystic to get proposal.
- Underground gas tank will be demolished.
- Grit chamber effluent valve will be removed.
- Old plant will demolish tanks, structures, etc. Underground pipe will be left in place.
- The Town mentioned they received low cost quote before for demolition. The Town will forward the contractor's information to F&O
- F&O will proceed with preparing demolition bid documents

5. Headworks

- F&O reviewed as-built drawing and found headworks area was not constructed as shown on the drawings. F&O will give the Town a proposal to survey the headworks area.
- A 1- inch bar rack will be provided in the existing bypass channel.
- Comminutor and structure will be demolished.
- Grit chamber bypass pipe will be provided. Two options:
 - Bypass to the downstream diversion box of grit chamber. May encounter underground electrical cable during construction.
 - Bypass to screen structure influent pipe. Electrical pole and tree roots may be issues during construction.

6. Sampling:

- DEEP requested the Town to have flow-paced effluent sampling. One option is to replace existing rectangle effluent notch with V notch (after UV disinfection).
- The Town is interested in Hach Sigma composite sample. F&O will investigate.

7. Next Meeting

- June 23, 2015 10:00AM Ledyard WWTF

8. Action Items

- F&O to talk with EnviroScience about hazardous materials abatement proposal.
- F&O to prepare proposal for headworks area survey.
- F&O to coordinate with Plainfield for screen visit.
- Ledyard to contact Mystic for hazardous materials abatement proposal.
- Ledyard to send F&O the information of demolition contractor.