

Stamford WPCA Top Issues (6-12-15)

No.	Issue	Action Description	Impact	Status	Schedule
1	Extreme wet weather - high flow discharge and permit exceedance on 5/1/14	Perform an Infiltration and Inflow (I/I) Study to identify and remove extraneous flows caused by rainfall and high groundwater	Regulatory and Operations	44 flow meters have been installed in collection system manholes. Collect flow data for one year. Evaluate flows during a major storm/high flow events to identify areas experiencing excessive infiltration and inflow for further study.	Will install 20 additional flow meters and move 8 existing flow meters to measure flows within those sub areas found to have the highest levels of I/I.
2	UV System Performance and Permit Exceedances	Improve reliability of UV disinfection system to avoid permit exceedances.	Regulatory and Operations	UV disinfection system has been performing satisfactorily with a few exceptions (dosage spikes). Testing of programming changes requires temporary shutdown of UV system.	Will drain a primary clarifier and refill it to avoid discharge of non disinfected effluent while testing programming changes to UV system.
3	Odor Control	Minimize odors off site at treatment plant	Operations	All odor control scrubbers and carbon canisters at raw sewage PS and sludge and screenings/grit trailers are on line.	Install ductwork modifications inside Sludge Processing Building (for interior odor control) as Mechanics' work schedules permit.
4	2015 Revenue Bond Issue	Issue Revenue Bonds to refinance 2006 Revenue Bonds and fund planned capital improvements	Financial	Arcadis provided a draft Engineering Report on 6/1 and WPCA provided review comments.	Arcadis' revised report due by 6/20. Refunding and new revenue bond issuance in July.
5	\$1.265 million of Carriage Drive Project remains unfunded.	Transfer \$1.265 M of 2009 BAB's GO Bond proceeds used to fund Storm Water Pump Stations and Mill River Project to fund Carriage Drive Project.	Financial		Will schedule meeting with City and members of Finance Committee to discuss.

6	WPCF evaluations and improvements	Engineering evaluations required in response to USEPA Admin Order. Study, design, and construct WPCF improvements to replace aged equipment and increase operations and energy efficiency.	Regulatory and Operations	Engineers have completed their studies of 1) Upgrade of the Raw Sewage PS, 2) Flow distribution to the Secondary Clarifiers, UV system replacement cost and effluent pumps, and 3) SCADA system upgrade.	Wright-Pierce to complete the study of the upgrade of the aeration blowers in July 2015. Arcadis to complete the design of the SCADA system upgrade by October 2015.
7	Connect to Existing Sewer	Enforcement of City ordinance to connect to existing sanitary sewer within 180 days after notification	Protect public health and expand customer base.	Issue to be referred to Halloran & Sage for legal opinion. Need to determine next step(s) when someone does not connect after notification to connect.	
8	Personnel Safety	Comply with requirements for arc flash protection.	Operations	Tighe & Bond provided staff safety training on arc flash awareness on 5/13.	Tighe & Bond to complete initial evaluation by June 2015.
9	Reimbursement by City of non-sanitary sewer related costs	Reimbursement by City of non-sanitary sewer related costs for the Carriage Drive Sewer Project	Financial	City needs to determine how it will fund its share (\$1,069,000) of project costs.	
10	Fill open positions	Fill Regulatory Compliance Inspector position (for FOG inspections) and Shift Foreman position that are open.	Operations	Regulatory Compliance Inspector position has been posted. Developing position description for Senior Shift Foreman position that will require a Class 4 license in place of open Shift Foreman (Class 3) position.	Fill Regulatory Compliance Inspector position as quickly as City hiring practices will allow. Present position description for Senior Shift Foreman (Class 4) to Board at its July meeting.