

Stamford WPCA Top Issues (7-20-15)

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	64 flow meters have been installed in collection system manholes to 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.	Use flow data to identify those areas having high flows for Sewer System Evaluation Survey (SSES) using CCTV internal pipe inspection and smoke testing starting this fall.
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 (occasional dosage spikes, and one channel shut down on 6/17 for 15 min. due to tripped circuit breaker). Testing of programing 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 are on line. SWPCA staff is evaluating a storage building to house the sludge and screenings and grit trailers.	Cleaning dryer scrubber this week while dryer is down. 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 in FY16 and FY17.	Financial	BOF and BOR approved approx. \$30.3 million refunding and new money revenue bonds.	Revenue bonds scheduled for pricing on Wednesday, July 22 nd .

5	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. Need to fill (new) Senior Shift Foreman (Class IV) and Shift Foreman (Class III) positions.	Fill Regulatory Compliance Inspector position as quickly as City hiring practices will allow. Present position description for Senior Shift Foreman (Class IV) to Board at its July meeting.
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. Begin design of upgrade of flow distribution to final clarifiers in fall 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 submitted initial evaluation report on 6/22 which is under review by SWPCA staff.
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	\$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.