

### Stamford WPCA Top Issues (10-19-15)

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	65 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.	Three sub areas having high I/I flows have been identified for a pilot Sewer System Evaluation Survey (SSES) using CCTV internal pipe inspection and smoke testing to be done this fall. The first sub area of approximately 6,000 feet has been smoke tested by SWPCA staff. Other sub areas have been smoke tested by sub-contractor.
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). Testing of programming changes requires temporary shutdown of UV system.	UV system manufacturer will be on site from 10/27 to 10/30 to do scheduled maintenance, assist in installation of an uninterruptable power source (UPS) for the UV system controls, and perform a test of the programming changes.
3	Odor Control	Minimize odors off site at treatment plant	Operations	All odor control scrubbers and carbon canisters are on line. Tech Committee has approved conceptual design of a storage building to house the sludge and screenings and grit trailers.	Need to select an engineer to design a storage building for sludge and screenings and grit truck trailers this fall. Alternatively, exploring option of RFP for design/build.
4	Fill open positions	Fill Regulatory Compliance Inspector position (for FOG inspections) and Shift Foreman position that are open.	Operations	Need to fill (new) Senior Shift Foreman (Class IV) and Shift Foreman (Class III) positions.	Fill open Shift Foreman position by end of November. Having discussions with union on position description for new Senior Shift Foremen position.

5	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 the Upgrade of the Raw Sewage PS and Flow distribution to the Secondary Clarifiers. Design of SCADA system upgrade is complete.	Wright-Pierce submitted the draft report on the upgrade of the aeration blowers in July, start design before end of year. Hazen and Sawyer to begin design of upgrade of flow distribution to final clarifiers in fall 2015. Received qualifications from system integrators for installation the SCADA system upgrade and will schedule interviews.
6	Personnel Safety	Comply with requirements for arc flash protection.	Operations	Have selected electrical equipment for arc flash evaluation, preventive maintenance, and (for some Pump Station electrical equipment) total replacement.	Develop RFP for preventive maintenance and begin arc flash analysis for selected equipment by end of year.
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 has been referred to Halloran & Sage for legal opinion on options to enforce City ordinance to get properties to connect.	
8	Update and revise SWPCA's written policies and procedures	Update SWPCA policies and procedures to describe current practices and provide guidance to SWPCA Board, staff and customers.	Operations and Financial	Subcommittees have been formed to address Financial Policies and Procedures and Operational Policies and Procedures.	
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	M. Handler reports City will soon 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.