

### Stamford WPCA Top Issues (5-16-16)

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. Pilot study area having high I/I has been smoke tested.	Rental of 41 flow meters has been extended to July 15, 2016 to capture major storm/high flow events in the spring.
2	UV System Performance and Permit Exceedances	Improve reliability of UV disinfection system to avoid permit exceedances.	Regulatory and Operations	Raw sewage spill (200 gallons) from cracked force main at Ocean Drive West on 3/27. Raw sewage spill (<3,000 gal) from cracked buried primary sludge pipeline at WPCF on 5/7. UV system in Channel 1 shut down during normal maintenance for 6 minutes and released 49,000 gal of fully treated but not disinfected effluent on 5/12.	Will issue a RFQ by June 1 for consulting engineers to design a UV system upgrade with design to be completed in FY 17 and construction in FY 18 in accordance with 5 year CIP.
3	Odor Control	Minimize odors off site at treatment plant	Operations	All odor control scrubbers and carbon canisters are on line. Have installed pH and ORP probe connections to odor control scrubbers' sump for better pH and ORP measurement.	Tech Committee has approved conceptual design of a storage building to house the sludge and screenings and grit trailers. Issue a RFP in June to design/build the storage building.
4	Only one Class 4 Operator for the treatment plant on staff.	Have another Class 4 Operator on staff	Operations	All 5 Shift Foremen (Class 3) positions are now filled.	New Assistant Plant Supervisor (Class 4) position to be posted ton 6/1

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	Design of flow distribution improvements to secondary clarifiers is 95% complete.	Start construction of Flow distribution improvements this summer. Start installation of new SCADA system in June to be completed by December 2016.
6	Personnel Safety	Comply with requirements for arc flash protection.	Operations	Had kick-off meeting on 1/20/16 for the arc flash analyses.	Perform electrical preventive maintenance for Dyke Lane PS by September 1, 2016.
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.	Ken Slater of Halloran & Sage presented legal opinion to Board at its February meeting 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	Financial Policies adopted on 3/21. Subcommittee on Operational Policies met on 5/11 and proposed new City ordinance to describe sewer lateral maint. and repair policy.	Board to consider new City ordinance to describe responsibility for sewer lateral maintenance and repair and reimbursement of repair costs.
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 BOF and BOR have approved funding for City share (\$1,069,000) of project costs.	City to provide reimbursement by end of this fiscal year.
10	Wedgemere Road Sewer Project	Need to acquire necessary easements for construction	Operations	Have identified alternate sewer route to serve Emerald and White Oak Lanes.	Will survey residents on Wedgemere and Eden Roads to gauge their support for new sewers