

### Stamford WPCA Top Issues (3-21-16)

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	UV system acted erratically for 10 minutes on 2/24 around the time of a power interruption to plant and as a result we reported an exceedance.	In contact with UV system manufacturer (Xylem) to change UV system programming to shorten the delay in UV channel effluent gate closure when dose falls below the minimum.
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 May to design/build the storage building. In process of wiring pH and ORP probes in scrubber sumps for RSPS and Solids 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 have been filled to provide 24/7 coverage at WPCF	New Assistant Plant Supervisor (Class 4) position submitted to Personnel Commission for approval at its March meeting
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 this spring, 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 June 30, 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	Finance Committee reviewed Subcommittee's proposed Financial Policies at its meeting on 2/8/16; Subcommittee on Operational Policies met on 12/16.	Finance Committee and Board to consider proposed Financial Policies at their March meeting.  Subcommittee on Operational Policies to meet on 3/30..
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 to fund its share (\$1,069,000) of project costs.	City reallocating its GO bond proceeds to fund reimbursement to WPCA.
10	Wedgemere Road Sewer Project	Need to acquire necessary easements for construction	Operations	Evaluating alternate sewer route and easements to minimize impact on private properties.	