

### Stamford WPCA Top Issues (8-15-16)

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	Pilot study area having high I/I has been evaluated using CCTV and smoke testing. Very intense rainstorm on May 30, 2016 has provided very good flow data to identify sub areas with high I/I	Rental period for flow meters has ended and they will be removed.
2	UV System Performance and Permit Exceedances	Improve reliability of UV disinfection system to avoid permit exceedances.	Regulatory and Operations		Will issue a RFQ in August 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. Adding sodium hydroxide for pH control to primary clarifiers scrubber. Will be adding sodium hydroxide to solids processing building and raw sewage pumping building scrubbers as well	Tech Committee has approved conceptual design of a storage building to house the sludge and screenings and grit trailers. Issue a RFP in September to design/build the storage building.
4	Only one Class 4 Operator for the treatment plant on staff.	Have two Class 4 Operators on staff	Operations	New Assistant Plant Supervisor (Class 4) position has been advertised in trade publications and newspapers and mailed to Class 4 operators throughout the state.	Five (5) applications have been received. Interview qualified candidates in September.

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	CTDEEP has approved the design of flow distribution improvements to secondary clarifiers.	Installation of new SCADA system to be completed by early 2017. Bids for construction of flow distribution improvements to be advertised for bids on August 30 <sup>th</sup> .
6	Personnel Safety	Comply with requirements for arc flash protection.	Operations	Technical specifications for electrical system preventive maintenance for WPCF and PS to be completed this summer.	Bid opening for electrical upgrade for Dyke Lane PS on August 23 <sup>rd</sup> .
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	Proposed City ordinance describing responsibility for sewer lateral maintenance and repair referred to City legal department and BOR.	Operational Policies Committee currently reviewing SWPCA personnel policies.
9	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
10	Amend Synagro Contract	Amend Synagro Contract for 24 hour / 5 day per week operation due to increased sludge volume and to improve sludge drying operation and avoid odors from sludge cake hauling	Operations	Synagro has submitted a proposal and provided cost information. Changes to contract language being drafted by City legal.	To be reviewed by Technical Committee and discussed by Board on August 15 <sup>th</sup> .