

Stamford WPCA Top Issues (6-28-16)

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 of 41 flow meters has been extended to July 15, 2016 to capture major storm/high flow events.
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 July 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 July 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.	

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	Meet with CTDEEP on 6/29/16 to review the design of flow distribution improvements to secondary clarifiers.	Installation of new SCADA system to be completed by December 2016. Construction of flow distribution improvements to be advertised for bids this summer.
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.	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	Subcommittee on Operational Policies met on 6/15.	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 reimbursement of \$1,069,000 is being processed and will be completed before 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