

### Stamford WPCA Top Issues (12-19-16)

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	Flow monitoring and pilot SSES for sub area with high I/I has been completed. Pilot SSES identified sewer and manhole rehabilitation totaling \$264,000. Engineer preparing technical specifications for sewer rehab.	Have submitted Engineer's reports on extended flow monitoring and pilot SSES to CTDEEP for approval. Engineer's proposal for next phase of SSES has been approved by Technical Committee and forwarded to CTDEEP for prior approval for grant eligibility.
2	UV System Performance and Permit Exceedances	Improve reliability of UV disinfection system to avoid permit exceedances.	Regulatory and Operations	Selection Committee reviewed qualification packages from 3 Engineers for design of the UV and has submitted its recommendation for award to City Purchasing.	Execute agreement with selected Engineer by February 2017.
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.	Schedule for construction of storage building to house sludge trailers needs to be reviewed in light of other capital projects needs
4	Only one Class 4 Operator for the treatment plant on staff.	Have two Class 4 Operators on staff	Operations	Rob Pudelka started on 12/5/16 as our new Assistant Plant Supervisor having a Class 4 Operator license	

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	Conversion of first PLC to new SCADA system occurred on 12/13. Received 1 bid for construction of Flow Distribution Improvements, awarded to CH Nickerson for \$4,187,202.	Installation of new SCADA system to be completed by 3/1/17. Begin construction of Flow Distribution Improvements in Spring 2017. Agreement with Wright-Pierce for design of Headworks Upgrade and Secondary Treatment Improvements will be reviewed by Technical Committee in January.
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 by end of year.	Holzner Electric Co. will begin construction of electrical upgrade of Dyke Lane Storm Water PS as soon as we receive authorization to proceed from EDA.
7	Connect to Existing Sewer	Enforcement of City ordinance to connect to existing sanitary sewer within 180 days after notification. Identify and bill those connected to a sanitary sewer but not being billed.	Protect public health and expand customer base.	Have retained a seasonal employee to investigate and identify properties not connected to existing sanitary sewer, or connected to sewer but not being billed.	
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 building lateral maintenance and repair was revised and is being reviewed by BOR Operations Committee.	SWPCA personnel policies have been assembled into a draft employee handbook by SWPCA Admin Staff which was presented to Operational Policies Sub Committee in December. SWPCA Admin Staff working on revising policies for collection of past due user charges and sewer and connection charges.
9	Wedgemere Road Sewer Project	Need to acquire necessary easements for construction	Operations	Sewer for Emerald and White Oak Lanes in final design.	Waiting on response from homeowners on easement request for alternate route for Wedgemere Rd sewer.