

### Stamford WPCA Top Issues (3-1-18)

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	Kenyon Pipeline completeing sewer rehabilitation in the pilot sewer sub area determined to have high I/I. CDM Smith has completed next phase of SSES including CCTV inspection and smoke testing of selected subareas.	Complete sewer rehab in pilot area and draft report on SSES of next sewer sub areas by spring 2018.
2	UV System Performance and Permit Exceedances	Improve reliability of UV disinfection system to avoid permit exceedances.	Regulatory and Operations	Hazen Engineers has completed the draft Basis of Design Report for the UV system upgrade. Selection Committee reviewing proposals for pre- selection of UV equipment to be included in design.	Complete design by September 2018
3	Odor Control	Minimize odors off site at treatment plant	Operations	All odor control scrubbers and carbon canisters are on line and working effectively.	
4	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	Wright-Pierce Engineers working on final design of the RSPS Upgrade and Secondary Treatment Improvements.	Wright-Pierce to submit 60% complete drawing for review by end of March and complete design by July 2018 for submittal to CTDEEP. Bid project in October 20178.
5	Reduce energy costs	Evaluate and implement energy conservation measures (ECM)	Operations and Financial	Completed replacement of exterior light fixtures to LED.	Begin next phase to replace WPCF buildings' interior lights to LED in spring 2018

6	Personnel Safety	Comply with requirements for arc flash protection.	Operations	Reuter Hanney has been awarded the contract for electrical preventive maintenance / arc flash protection. Need to meet to schedule the work.	Construction of the Dyke Lane PS electrical upgrade project to be completed by fall 2018. Waiting on electrical switchgear fabrication and delivery.
7	Replace equipment in Primary Clarifier No.2	Replace equipment in Primary Clarifier No. 2 which is over 40 years old and in danger of a major failure.	Operations	Primary clarifier No. 2 equipment installation is on- going.	Complete installation of new clarifier equipment by mid-March.
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	SWPCA's user charge and collection procedures have been updated and a draft has been submitted to the Finance Committee for review.	
9	Information Technology Security	Provide security of SWPCA's computer based systems (SCADA System)	Operations	SCADA system is operational. Replacement of aged equipment PLC's has been completed for sludge dewatering equipment and UV equipment.	Arcadis continuing work on remaining SCADA system punch list, i.e. remote access to SCADA by operating staff and final mounting of SCADA hardware in Control room.
10	Sludge Dryer Operation	Current Agreement with Synagro for Sludge Dryer Operation and Sludge Transport and Disposal expires in March 2019	Operations and Financial	Addressing questions raised by Technical Committee. Investigating our sludge processing, drying, transportation and disposal options and costs	