

Stamford WPCA Top Issues (8-14-18)

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 completing sewer rehabilitation in the pilot sewer sub area determined to have high I/I. CDM Smith has completed Phase I of SSES including CCTV inspection and smoke testing of selected subareas.	Kenyon Pipeline to begin manhole rehabilitation in August. CDM-Smith to begin Phase II SSES in the fall.
2	UV System Performance and Permit Exceedances	Improve reliability of UV disinfection system to avoid permit exceedances.	Regulatory and Operations	UV System Upgrade Design is 60% complete.	Hazen to submit 95% complete design for review in October
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 recently submitted 90% complete design of the RSPS Upgrade and Secondary Treatment Improvements.	Workshop to review 90% complete design on August 29 th . Submit design to CTDEEP in September.
5	Reduce energy costs	Evaluate and implement energy conservation measures (ECM)	Operations and Financial	Completed replacement of exterior light fixtures to LED.	Will issue RFP in September to replace WPCF buildings' interior lights to LED.
6	Personnel Safety	Comply with requirements for arc flash protection.	Operations	Reuter Hanney is completing electrical preventive maintenance at the treatment plant.	Dyke Lane PS electrical upgrade project to be completed by Nov 2018.

7	Sludge Dryer Operation	Current Agreement with Synagro for Sludge Dryer Operation and Sludge Transport and Disposal expires in March 2019	Operations and Financial	Synagro and SWPCA have exchanged issues to be discussed in negotiation for renewal of their contract.	Met with Synagro to on 8/2 to review issues and framework for cost proposal.
8	Agreement with Darien expires on July 1, 2018	Renew existing agreement for another 5 year term with minor change to include one unmetered connection and remote access of real time flow measurement at all meters to measure peak flows.	Operations and Financial	Darien advised that they are agreeable to extending the Agreement without change. They are not agreeable to the change in flow metering without opening the Agreement to negotiation.	Provided flow data justifying flow metering at unmetered connections and requested a meeting with Darien to discuss contract renewal. Waiting for response from Darien on dates to meet.
9	Aquarion Water Treatment Plant (WTP) sludge discharge to sanitary sewer	WTP sludge solids accumulate in sanitary sewer requiring increased sewer cleaning, and is high in aluminum that prevents WPCF sludge disposal at certain incinerators	Operations	Aquarion completed an engineering study that recommends the design and construction of sludge dewatering facilities at the WTP	Sent letter on 5/21/18 advising Aquarion to eliminate WTP sludge discharge by April 1, 2021
10	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.	Finance Committee to review draft of changes to billing and collection procedures at its next meeting.