

### Stamford WPCA Top Issues (6-18-18)

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.	Will meet with CDM-Smith on June 22 <sup>nd</sup> to review draft report on Phase I SSES.
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 Basis of Design Report for the UV system upgrade. Selection Committee has selected Trojan 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 has submitted 60% complete drawings and is on schedule to complete design by July 2018 for submittal to CTDEEP. Bid project in fall 2018.
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 July 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.	Electrical switchgear has been delivered to Dyke Lane PS. 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	Technical Committee evaluated our options for sludge processing and disposal and has recommended that we negotiate a contract renewal with Synagro.	SWPCA Board to discuss at its meeting on June 18 <sup>th</sup> .
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.	
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 meeting on June 18 <sup>th</sup> .