

Stamford WPCA Top Issues (9-17-18)

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 complete manhole rehabilitation by October. 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 to CTDEEP for review.	Wright Pierce to complete design and provide plans and specifications ready for bid in November.
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	Met with Synagro on 8/2 to review issues and framework for cost proposal.	Synagro to submit cost proposal in the first week of October.
8	Agreement with Darien expired on July 1, 2018	Renew existing agreement for another 5 year term with minor change to include two currently unmetered inter-connections and remote access of real time flow measurement at all meters to measure peak flows.	Operations and Financial	Met with Darien on 9/7. Scheduled future meeting dates (every other Friday) and established ground rules for contract negotiations. Described proposed capital improvements and revenue bond issue and need for flow metering of all inter-connections.	Will meet with Darien on 9/21 to exchange proposals for the new agreement.
9	CTDEEP changed their requirement for recording and reporting of low UV dose, making it more restrictive, increasing the likelihood that we will have a permit exceedance .	Petition CTDEEP to allow us to record and report UV dose using the same procedures used by other plants in CT that are far less restrictive.	Regulatory	Have requested a meeting with CTDEEP to petition for a change in the way we record and report low UV dose.	
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.