

Stamford WPCA Top Issues (4-8-19)

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	Phase I SSES (CCTV, smoke testing) and Pilot Area Sewer Rehabilitation has been completed	CDM Smith is completing the design of sewer and MH rehabilitation identified by Phase I SSES, and is preparing the report for the Phase II SSES, both to be completed in Spring 2019.
2	UV System Performance and Permit Exceedances	Improve reliability of UV disinfection system to avoid permit exceedances.	Regulatory and Operations	Received one (1) bid of \$26.7 million for Preliminary, Secondary and Disinfection Trmt Improvements.	Expect to award the contract to C H Nickerson and start construction by June 1 st .
3	Odor Control	Minimize odors off site at treatment plant	Operations	All odor control scrubbers are in service. Synagro cleaned sump and ductwork to the sludge dryer scrubber.	
4	WPCF evaluations and improvements	Study, design, and construct WPCF improvements to replace aged equipment and increase operations and energy efficiency.	Regulatory and Operations	See above for UV. Bid of \$26.7 million compares favorably to Engineer's Estimate of \$26.1 million	Expect to award the contract to C H Nickerson and start construction by June 1 st .
5	Reduce energy costs	Evaluate and implement energy conservation measures (ECM)	Operations and Financial	Project is being rebid.	Reissue of RFP to install interior LED lighting was advertised on March 27 th . Proposals due May 16 th .
6	Personnel Safety	Comply with requirements for arc flash protection.	Operations	Dyke Lane PS electrical upgrade project substantially complete. Clean up and site restoration in progress.	Rebid the electrical preventive maintenance work on March 20 th with bids due April 23 rd .

7	Provide sanitary sewers to Perna Lane Area. Phase I gravity sewer system w/ PS has been bid twice with only one bidder submitting a bid of \$14 million compared to Engineer's estimate of \$7.7 million.	Evaluate options to reduce project cost. Engineer to evaluate cost of a low pressure sewer system with grinder pumps for each home.	Grinder pumps will require maintenance by homeowner. Northeast School and Aquarion to continue to be served by PS	Tighe & Bond to prepare a proposal for evaluating a low pressure sewer system to serve Perna Lane Area.	Perna Lane Sewer Project to be delayed to spring 2020.
8	Agreement with Darien expired on July 1, 2018	Negotiate new agreement for another 5 year term to include two (2) currently unmetered inter-connections and remote access of real time flow measurement at all meters to measure peak flows.	Operations and Financial	M. Handler and W. Brink met with Chairman of Darien Sewer Com. and Darien Dir of PW. Parties came to agreement on start of new agreement on October 1, 2108.	W. Brink to draft change in contract language regarding adding two new meters, SWPCA access to meters, and prorating new meter readings for 10/1/18 through 6/30/19. New meters to be installed by Darien by May 1 st .
9	Funding of Capital Improvements for FY 18-19 and FY 19-20	Issue Revenue Bonds totaling \$19.6 million in May 2019 and \$20 million in 2020.	Financial		Financial Advisor and Bond Counsel making preparations to go to market for \$19.6 million Revenue Bond issue in May 2019. Arcadis will update their Engineer's Report.
10	Have a number of open positions that are affecting adequate treatment plant staffing for 24/7 operation.	Fill open positions for Plant Supervisor, and Shift Foremen (2)	Regulatory and Operations	Some day-shifts are being supervised by Class III certified Plant Operators under supervision of Assistant Plant Supervisor as training to become Shift Foremen.	Will interview candidates for Plant Supervisor the week of April 22 nd .