

### Stamford WPCA Top Issues (3-18-19)

| 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 | Sewer rehabilitation in the pilot sewer sub area determined to have high I/I, and Phase II SSES (manhole inspections, smoke testing and CCTV inspection) completed. | CDM Smith has begun design of needed sewer and MH rehabilitation identified by Phase I SSES and is preparing the report for the Phase II SSES 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 <sup>st</sup> .  |
| 3   | Odor Control  | Minimize odors off site at treatment plant   | Operations                | All odor control scrubbers except for the Primary Settling Tank scrubber are in service.  | Installation of Recirculating pump and suction piping for Primary settling tank odor control scrubber to be completed the week of 3/17.   |
| 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 <sup>st</sup> .  |
| 5   | Reduce energy costs   | Evaluate and implement energy conservation measures (ECM)  | Operations and Financial  |   | Reissue of RFP to install interior LED lighting is scheduled for March 27 <sup>th</sup> .   |
| 6   | Personnel Safety  | Comply with requirements for arc flash protection.   | Operations                |   | Will rebid the electrical preventive maintenance work on March 20th. Dyke Lane PS electrical upgrade project nearing completion with 3 (of 5) pumps now connected to new switchgear and controls. Need to complete SCADA interface for remote monitoring. |

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| 7  | Sludge Dryer Operation   | Current Agreement with Synagro for Sludge Dryer Operation and Sludge Transport and Disposal expires on March 3, 2019  | Operations and Financial  | Second Amended Agreement was executed on 3/1 for another 5 year term.  |  |
| 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  | Last met with Darien on March 1st. Remaining issue is when new agreement will become effective: we want when agreement expired; Darien wants 1/1/19.             | Mike Handler to meet with the Chairman of Darien Sewer Commission in accordance with expired agreement's dispute resolution.                             |
| 9  | Funding of Capital Improvements for FY 18-19 and FY 19-20 totaling \$39 million                          | Issue Revenue Bonds totaling approximately \$19 million in 2019 and \$20 million in 2020.   | Financial                 |  | Phoenix Advisors making preparations to go to market for \$19.6 million Revenue Bonds issue in May 2019. Arcadis will update the 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, Shift Foremen (2) and Plant Operator (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. | Selected candidates for two (2) Operator in Training positions will start on or before April 1. Will interview candidates for Plant Supervisor in March. |