

Stamford WPCA Top Issues (12-8-14)

No.	Issue	Action Description	Impact	Status	Schedule
1	Extreme wet weather - high flow discharge and permit exceedance on 5/1/14	Implement Infiltration and Inflow (I/I) Study and develop Standard Operating Procedures (SOP) for extreme high flow events	Regulatory and Operations	CT DEEP has approved scope of work for the I/I Evaluation and SSES Pilot Area Program.	Begin flow monitoring in Spring 2015
2	UV System Performance and Permit Exceedances	Improve reliability of UV disinfection system to avoid permit exceedances.	Regulatory and Operations	Siemens technician has been onsite to address erroneous UV channel flow readings. Recommended changes to flow sensor wiring have improved flow readings.	Currently modifying UV system programming for system restart following a power failure. Will perform performance testing in December of programming changes and investigate adding a UPS for the UV system controls (PLC).
3	Odor Control	Minimize odors off site at treatment plant	Operations	All odor control scrubbers are on line.	Advertise and bid modifications of odor control ductwork modifications inside sludge dewatering building by 12/31/14. Install carbon canisters at raw sewage PS and sludge trailer storage area by 12/31/14.
4	Deteriorated Interceptor in Soundview Avenue	Repair sewer interceptor in Soundview Avenue that is severely deteriorated	Operations	Sewer lining complete.	Roadway repairs in progress. Complete site restoration in Spring 2015.
5	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	Engineers have completed their evaluation and submitted draft reports on the 1) Upgrade of the Raw Sewage PS, 2) Flow distribution to the Secondary Clarifiers, UV system replacement cost and effluent pumps, and 3) SCADA system needs assessment.	Wright-Pierce has started work on the study of the upgrade of the aeration blowers. Arcadis to complete the SCADA system upgrade study and present recommendations to Technical Committee in February 2015.

6	Connect to Existing Sewer	Enforcement of City ordinance to connect to existing sanitary sewer within 180 days	Protect public health and expand customer base.	Draft letter sent to city legal department for review	Use City legal department to enforce City ordinance requiring connection. Send letters advising of City ordinance requiring connection by end of January.
7	Reimbursement by City of non-sanitary sewer related costs	Reimbursement by City of non-sanitary sewer related costs for the Carriage Drive Sewer Project	Financial	Submitted estimate of non-sanitary sewer related costs to City on 11/24/14	Resolve cost to be reimbursed by City by end of December.
8	Personnel Safety	Comply with requirements for arc flash protection.	Operations	Have short-listed 3 engineering firms to be interviewed on 12/9/14	Select consultant on 12/9/14
9	Computerized Maintenance Management System (CMMS)	Implement CMMS for SWPCA operations (WPCF, collection sewers and pumping stations).	Operations	Completing templates for WPCF equipment is ongoing.	Plan for staff training in use of CMMS software in January 2015.