

### Stamford WPCA Top Issues (4-24-15)

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	44 flow meters have been installed in collection system manholes. Received agreement from CT DEEP for planning grant of 55% of I/I Study cost.	Collect flow data for one year. Evaluate flows during a major storm/high flow events to identify areas experiencing excessive infiltration and inflow for further study.
2	UV System Performance and Permit Exceedances	Improve reliability of UV disinfection system to avoid permit exceedances.	Regulatory and Operations	UV disinfection system has been performing satisfactorily with a few exceptions (signal spikes). Replacing UV transmittance monitor with different manufacturer after poor performance of the latest supplied unit	Will perform field service by Xylem and test of programming changes before Memorial Day. Will install wiring from flow sensors in separate conduit as recommended by Siemens by 5/8.
3	Odor Control	Minimize odors off site at treatment plant	Operations	All odor control scrubbers and carbon canister at raw sewage PS are on line. Have received no odor complaints.	Set up carbon canister for screenings/grit and sludge trailers by 5/15. Install ductwork modifications inside Sludge Processing Building (for interior odor control) as Mechanics' work schedules permit.
4	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	Met with Ernie Orgera and Lou Casolo, City Engineer, to review City's share of the Carriage Drive Project costs on 1/22/15. City needs to determine how it will fund its share of project costs.	
5	\$1.265 million of Carriage Drive Project remains unfunded.	Transfer \$1.265 M of 2009 BAB's GO Bond proceeds used to fund Storm Water Pump Stations and Mill River Project to fund Carriage Drive Project.	Financial		Will schedule meeting with City and members of Finance Committee to discuss.

6	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 studies of 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 upgrade.	Wright-Pierce to complete the study of the upgrade of the aeration blowers by June 2015. Arcadis to complete the design of the SCADA system upgrade by October 2015.
7	Connect to Existing Sewer	Enforcement of City ordinance to connect to existing sanitary sewer within 180 days after notification	Protect public health and expand customer base.	Letter to property owners not connected to an existing sanitary sewer under review by City. Need to determine next step(s) when someone does not connect after notification to connect.	
8	Personnel Safety	Comply with requirements for arc flash protection.	Operations	Tighe & Bond visited collection system pump stations and WPCF on 4/15 and 4/16	Tighe & Bond to provide staff training on 5/13 and complete initial evaluation by June 2015.
9	2015 Revenue Bond Issue	Issue Revenue Bonds to refinance 2006 Revenue Bonds and fund planned capital improvements	Financial	In initial planning stage.	Retain Arcadis by 5/15 to upgrade their Engineering Report completed for 2013 Revenue Bond issue. New Revenue Bond issuance in August – September 2015.
10	Legal Services	Retain outside legal counsel for SWPCA	Legal	Executed agreement with Halloran & Sage	Schedule meeting to meet key staff, establish lines of communication and ground rules for providing legal services.