

BMP-07 Improvements at Five Regulators City of Watervliet

Project Description:

Optimization project that includes modification of five (5) existing regulator structures: 25th Street, 14th Street, 7th Street, 6th Street, and 3rd Street.

Purpose:

Optimization project that increases capacity of regulators to convey more combined sewage to the interceptor, thus reducing the frequency and volume of CSOs.

Contact Information:

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Consent Order Milestones	Date Milestone Met
Completed Plans & Specifications: 10/1/16	9/30/2016
NTP to Construction: 4/1/17	3/29/17
Construction Completion Date: 12/15/17	9/7/17
Operational Start-Up Date: 12/15/17	9/7/17

SPEDES Permit #	NY-003-0899
LTCP Projected Project Cost	\$50,000
Total Construction Cost (minus in-kind and Grant)	\$17,785
Owned By	City of Watervliet and ACSD
CSO Outfall	W-001 to 004, 006
Grant Funding or other sources	DEC WQIP (85%)
Annual Volume Captured (Mgal)	(Together with 18th Street and Avenue A Weir Improvements) 97%
Annual Percent CSO Reduction (%) (Pool-Wide)	(Together with 18th Street and Avenue A Weir Improvements) .06%

Project Status:

10/08/15: ACSD has applied for WQIP funds to complete this project, BMP-09, BMP-06, and BMP-07.

1/14/16: ACSD was awarded a WQIP grant to help defray the costs of this project. CDRPC will be working with the communities, District, and DEC to develop a work plan and to advance the project. **(continued next page)**

4/14/16: Watervliet, Cohoes, and Green Island have begun working with the APJVT to develop a more detailed scope of the projects to create budget lines, determine roles and responsibilities for individual projects, and complete requirements to execute the grant contract with the Department.

7/14/16: The District and communities have been working and meeting with representatives of the APJVT, scoping the projects and developing a list of optimization projects and budget. The communities will be advancing some of the optimizations in house, some work will require contractors. The final states of budgeting and executing the engineering agreement are underway.

10/16/16: Plans and specs submitted to DEC on 9/28/16.

3/1/17: DEC approved the plan and specs on 10/27/16. The City and the District have completed some of the project already. Demolition and the removal of orifices has been accomplished through District and force account work by the City. It was originally anticipated that the Corporation would take on oversight of this project because of a perceived operational advantage to economy of scale and grant management. As the date for the advertisement for construction bidding approached, concerns were raised about the Corporation's potential role in letting bids, some member municipalities believing that it was not within the scope of the authority of the Corporation to do so. Upon further examination it was determined that while streamlining design and grant administration realized cost savings, there would be unanticipated additional costs such as construction insurance and counsel review that would increase the cost of a joint project. It was believed that the cost of obtaining the appropriate insurance coverage that would enable the Corporation to manage the construction contracts would add significant expense to the operations of the program and be duplicative, in large part, to insurance coverages the municipalities hold. Furthermore, it was determined that the complexities of transferring ownership of materials from the Corporation to the municipalities and future liability to the Corporation would further reduce the anticipated efficiencies and negate overall cost savings. After discussing community concerns and the hurdles to advancing a timely, joint construction under Corporation control, the Corporation Board determined it was more appropriate, in this circumstance, to advance the individual projects by the host communities – with separate bids and contracts. The City of Watervliet is in talks with the City of Troy to perform the construction work on the weirs for this project.

4/12/17: The city will be advancing this work on their own with construction support provided by the city of Troy through shared general services.

7/13/17: The County Sewer District has removed the orifices at 14th St, 7th St, 6th St and 3rd Streets. The City of Troy will provide construction support for raising weir elevations at 14th St, 7th St, 6th St and 3rd St. The city will self-perform blocking the bypass at 25th St.

9/15/17: The City permanently blocked the 25th St. bypass and on July 17, submitted a memo to the Department documenting the permanent plug installation. **(continued next page)**

The City of Troy provided construction support for raising weir elevations at 14th St, 7th St, 6th St and 3rd St. This work was completed September 7, 2017.

This project is complete.