

## BMP-04 Regulator Capacity Improvements

### General description

Optimization of conveyance of wet-weather flows to the WWTP by modifying up to 40 regulators.

### Purpose

Optimization project that increases capacity of regulators to convey more combined sewage to the interceptor and thus decrease CSOs.

SPDES Permit#	Cost-sharing
NY 008 7971	N/A
Project Cost (Millions)	Certification
\$0.28	RCSD
Funding source	Manage construction
RCSD	RCSD
Own	Operation
RCSD	RCSD
Maintain	Enforcement
RCSD	RCSD
Outfall#	Contact Information
T-001 to 043, 046A, 046B , 047	Gerry Mosckinski
Affected Waterbodies	RCSD
Hudson River	(518) 283-2235 / GMoscinski@rensco.com
Discharge reduction amount	
179MG	
Consent Order Milestones	Date Milestone Met
Completed Plans and Specs: 10/1/14	10/1/2014
NTP to Construction: 4/1/15	3/26/2015
Construction Completion Date: 12/15/15	
Operational Start-Up Date: 12/15/15	
Annual Volume Captured (Mgal)	Annual Percent CSO Reduction (%)
179MG	14.48%

### Status

**3/27/14:** Work on this project began in 2013 as part of order CO-4-20091123-154. Model output identified "trouble spots" corrective action implemented and documented. Memo to follow from CDM Smith. **5/22:** All initial improvements from dry weather Order have been met. **7/10:** Waiting for NYSDEC comments on dry weather Order work. **7/24:** Plans and specs will be submitted by the milestone **9/11:** CDM Smith will provide a with a memo that outlines what regulator gates to open/remove. The majority of the recommendations developed during LTCP development. **10/9:** The county, with consultant CDM Smith, will submit plans for these regulator capacity improvements. **11/13:** Memo from CDM outlining regulator improvements submitted, awaiting response from DEC. **1/08/15:** Plans and specs submitted on 10/1. The District has not yet received an approval or comment letter on this project. **2/12:** On schedule for on time NTP. **3/12:** Plans and specs approved on 3/9. **4/9:** NTP was issued on 3/16. **5/14:** Project will be starting next month. **6/11:** RCSD staff are working on gates from north to south. **10/8:** 25-30 remaining. Crews working now in vicinity of 120 - 123rd St. **1/14/16:** The District requested a modification of the construction completion and operational start date milestones so that it may hold off on modifying some of the Troy regulators until after the completion of pump stations within that city. This request was submitted on 10/27/15. On 11/5, DEC requested a permanent fix Water St. Regulator be performed prior to consideration of forbearance on any penalty associated with delay of the construction and operational start dates. On 12/4/15, the District completed the fix and then submitted a memo to the department to inform DEC staff of the fix. **4/14/16: The Troy pump station projects have been completed. The District will now be able to move forward with regulator adjustments**