

**STCF-03**  
**Beaver Creek Clean River Project**  
**(AKA "Big C" Disinfection and Floatables Control Facility)**  
**City of Albany**



**Project Description:**

The proposed satellite treatment facility provides CSO controls for flows up to 75 mgd to reduce floatable and fecal coliform discharges to the Hudson River. The "Big C" Disinfection Project would provide treatment consisting of screening and disinfection for an additional ~285MGal on an average annual basis.

**Purpose:**

The project provides a cost-effective, regional solution to enhance the "recovery time" for the Hudson River during periods of combined sewer overflows; and contributes to the treatment of greater than 85% of all wet weather flows from a regional perspective.

**Contact Information:**

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Consent Order Milestones	Date Milestone Met
Begin Preliminary Design Report: 8/1/15	7/8/2015
Completed Preliminary Design Report: 8/1/16	8/1/2016
Begin SEQR & Eminent Domain Process: 2/1/17	1/12/15 and 1/20/2017
Begin Final Design: 12/15/18	12/7/2018
Completed Final Plans & Specifications: 10/1/20	9/2/20
NTP to Construction: 4/1/21	
Completed SEQR & Eminent Domain Process: 2/1/21	
Construction Completion Date: 12/15/22	

SPEDES Permit #	NY-0025747
LTCP Projected Project Cost	\$45,000,000
Total Construction Cost to date (minus grants and inkind)	\$1,172,211
Owned By	Albany Water Board
CSO Outfall No.	A-16
Grant Funding or other sources	NYSEFC IMG: \$10,000,000 and \$5,000,000 WQIP
Annual Volume Captured (Mgal)	TBD
Annual Percent CSO Reduction (%) (Pool-Wide)	TBD

## Project Status:

**5/14/15:** Preliminarily examining of the last leg of the Beaver Creek for options to consider siting of the facility.

**10/08/15:** The water board is reviewing a scope and fee proposal from the JVT for the preliminary design report.

**1/14/16:** The Albany Water Board has retained the APJVT to begin the preliminary design of the facility.

**4/14/16:** Work is underway to evaluate potential locations, disinfection, and screening technologies. Characterizing wet weather flow in and to the Beaver Creek will begin shortly.

**7/14/16:** The Albany Water Board has made significant headway and met with DEC to review progress.

**10/16/16:** A preliminary design report for this facility was submitted to DEC on 8/1/16.

**3/1/17:** The Albany Water Board is presently working with the City of Albany leadership. Their consultants continue to advance the public education and outreach program for the project. There was a meeting at the offices of the City of Albany Department of Water & Water Supply on January 20<sup>th</sup>, 2017, in regard to this project. Attending were Mayor Kathy Sheehan, the Mayor's Chief of Staff Brian Shea, Council Member Richard Conti, Council Member Cathy Fahey, Commissioner Joe Coffey, Deputy Commissioner Bill Simcoe and Mike Miller of CHA. The next step in the outreach process is to identify additional stakeholders and community leaders and reach out to these individuals and organizations. A certificate and memo for the milestone "Begin SEQR and Eminent Domain Process" has been submitted to the Department.

**6/1/17:** Preliminary layout for piping and structure is complete. The AWB has submitted this project to the State Intended Use Plan and is pursuing WIIA and IMG funding.

**9/1/17:** WIIA and IMG funding applications have been submitted for this project.

**1/11/18:** The City was awarded funding through the NYSEFC WIIA and IMG grant programs for this project. The 30% engineering plan will be completed in the first quarter of 2018. Public presentations will occur in the first quarter of 2018.

**3/1/18:** No update at this time.

**2/13/19:** The City has set up a project website at <https://www.albanyny.gov/Government/Departments/WaterAndWaterSupply/BeaverCreekCleanRiverProject.aspx>. The website contains access to presentations, FAQs, images and a video walk through of GI proposed for the Park. A community advisory committee was established and met regularly to advise the Water Board and provide feedback. A series of public meetings were held at the Thomas O'Brien School and at Neighborhood Association Meetings. The City revised the original park plan slightly to incorporate modifications that address community

concerns about truck traffic, visual impact and storage of screenings. The City and County are working an agreement that would allow for the Beaver Creek facility to send floatables through a bypass to the 3<sup>rd</sup> avenue dedicated, separated storm line, bypassing the regulator, and going straight to the plant – where they will be screened out by new, more restrictive screens owned by the county but installed by the city. This proposal would allow for the primary above ground park building to be significantly reduced in size, the elimination of storage and trucking of screenings from the park and a significant increase in screening for all of the flow coming into the District’s south plant – not just screening of “Big-C” flow. The Water Board has continued to make adaptations to the proposed park improvements and GI infrastructure in response to community input. The project is advancing well ahead of the Order’s mandated deadlines.

9/1/19: The Basis of Design Report by the Albany Pool Joint Venture Team was submitted to EFC and NYSDEC for review. The Albany Water Board and the Albany County Water Purification District are entering into a Memorandum of Agreement in regard to replacement of the screens at the South Plant as part of the project. This Memorandum of Agreement was approved by the Albany Water Board and the Albany County legislature and is expected to be fully executed in September 2019. The APJVT will complete detailed design by the end of 2019. The Albany Water Board intends to advertise for bids and award a contract in 2020. The Albany Water Board has applied for a NYSDEC WQIP grant of \$10 million for this project.

1/12/19: The Basis of Design Report was approved by EFC and NYSDEC. The Albany Water Board and the Albany County Water Purification District Memorandum of Agreement in regard to replacement of the screens at the South Plant was executed in September 2019. The Albany Water Board intends to advertise for bids and award a contract in 2020. The Albany Water Board has been awarded NYSDEC WQIP grant of \$5 million for this project.

3/5/19: Detailed design by the Albany Pool Joint Venture Team is proceeding. Closing on Albany’s EFC Financing is scheduled for March 12<sup>th</sup>. Albany expects to be able to work in Grants Gateway to begin to execute a \$5 million NYSDEC WQIP grant in March. Other communities are also working on their project financing. The intention is to have separate packages of plans and specifications for the work at the Albany County Water Purification Plant (screen replacement), Third Avenue connection to the interceptor sewer, and the Beaver Creek Satellite Treatment Facility.

**9/1/20: The city submitted a permit modification request to NYSDEC on May 13, 2020. DEC is reviewing the request and preparing a response. An online meeting with DEC and EFC was held on 7/16/20 to conduct a virtual walk through of the Beaver Creek Clean River Facility. On 7/23/20 the Pool submitted the South Plant Screenings Regulatory Review Drawings, was uploaded to the NYSDEC FTS site for review. An online meeting with DEC and EFC was held on 8/10/20 to discuss the South Plant Improvements and 3<sup>rd</sup> avenue screenings diversion project. Addendum No. 1 for the South Plant Screenings Upgrade project was submitted to NYSDEC on 9/1/20. All five phases of the Beaver Creek Clean River Project were submitted to NYSDEC and EFC on or before 9/20/20. Bids have been received for phase I (Third Ave. Sewer Improvements and Phase II (ACWPD South Plant Screening Upgrades). The next two phases to bid are Phase III: Beaver Creek Diversion Tunnel and Phase IV: Third Avenue Tunnel. The**

**final phase to be bid will be Phase V: beaver Creek Satellite Treatment Facility. The planned date to bid Phase V is December 22, 2020, with receipt of bids on February 4, 2021.**