City of Albany, NY

Increased Wet Weather Capture from 12% to 89% at $0.005 per gallon with Opti®

Beaver Creek District, the largest sewershed within the City of Albany’s combined collection system, discharges over 530 million gallons of combined sewer overflows (CSOs) annually to the Hudson River. The City has invested in capital projects as part of its Long-Term Control Plan to address its CSO and flash flooding issues, and mitigate property damage and potential safety hazards.

To maximize the benefits of those investments and optimize the performance of new infrastructure, the City’s Department of Water and Water Supply has implemented a smart network utilizing the Opti Platform and products across the Beaver Creek Sewershed. The use of digital solutions for data-driven stormwater management has helped Albany improve environmental outcomes, comply with regulatory requirements, and enhance customer service.

“Opti technology helps us identify existing conditions and develop strategies to adapt to a changing environment.”

Joseph E. Coffey, Jr., P.E.
Commissioner, Department of Water & Water Supply

Objectives
CSO and Flood Risk Mitigation

Products
OptiCumulus™; OptiNimbus™

First Installation
March 2017

Project Partner
CHA Consulting, Inc.
Solution
The City of Albany’s journey towards a resilient sewershed

Continuous Monitoring

Enhance Existing Infrastructure

Optimize New Infrastructure

Connected Sewershed Network

Benefits

Opti
$0.005/gallon

Without Opti
$0.47/gallon

Wet Weather Flow Reduction

Opti
89%

Without Opti
12%

Real-time Data for Proactive Outreach and Customer Service

Awards

2019 Winner, Smart Water Category

2019 Platinum Award, Water and Stormwater Category

To learn more, please contact sales@optirtc.com | (844) 678-4782 | www.optirtc.com