



Case Study Category: CAWW

Case Study Title: Sanitary Sewer Basin Analysis for Identification of Basins for Inclusion in the Sanitary Sewer Evaluation Study Plan in the City of Virginia Beach, Virginia

Utility Name: City of Virginia Beach - Department of Public Utilities

Case Study Abstract: The City of Virginia Beach (City) hired Brown and Caldwell to develop a Sanitary Sewer Evaluation Study (SSES) Plan for submission to the Virginia Department of Environmental Quality in accordance with a Special Order by Consent (Consent Order). The Consent Order requires that the City conduct condition assessment of their sanitary sewer system in order to locate conditions that have the potential to cause a sanitary sewer overflow. Part of the purpose of the plan was to identify sanitary sewer evaluation study basins. The basins were identified by applying standard methods to gather hydrological and flow data. Of all the sewer basins, 172 were identified as SSES basins.

Case Study Link: <http://waterid.org/content/sanitary-sewer-basin-analysis-identification-basins-inclusion-sanitary-sewer-evaluation-stud>