

## **NORWALK**

### **Baseline**

The City of Norwalk's 1979 'Facilities Plan' listed eight (8) combined sewer overflow (CSO) locations; today there is one (1) permitted and treated wet weather combined municipal and storm wastewater outfall located at the South Smith Street wastewater treatment plant.

### **Strategy**

In 2008, the Connecticut Department of Environmental Protection (DEP) approved Norwalk's updated Facilities Plan where Norwalk continues, and will continue, to operate a combined sewer system that maximizes flow to the treatment plant. This program has the most beneficial effect on water quality as water that would otherwise not be treated in a separate storm system, receives treatment at the wastewater plant.

### **Status**

All dry and wet weather flows up to 30 million gallons per day (MGD) receive primary and secondary treatment as well as nitrogen removal. In 2012, Norwalk completed a \$40MM upgrade of its wastewater treatment plant preliminary treatment facility (screening, pumping, and grit removal) sized to handle up to 95 MGD wet weather flow (dry weather plant flow averages 14). Prior to this upgrade, wet weather flows between 30 MGD and 58.5 MGD received screenings followed by wet weather treatment through micro drum screens and chlorination: flows greater than 58.5 MGD received just micro drum screening and chlorination. Today, all wet weather flows greater than 30 MGD receive full preliminary treatment (screenings and grit removal) followed by micro drum screening and chlorination.