

# W. 3rd Quigley/Westerly Miscellaneous CSO Control

## DESCRIPTION

The W. 3rd Quigley/Westerly Miscellaneous CSO Control project (W3QW) is part of Project Clean Lake, a \$3B, 25-year program NEORSD began in 2011 designed to meet Clean Water Act standards and address water quality issues. The W3QW is a relief sewer project that the NEORSD will use to reduce the 4.5 Billion Gallons of wet weather combined sewer overflows (CSOs) released into Lake Erie and its tributaries in the Greater Cleveland area.

W3QW includes approximately 1,500 linear feet (LF) of 12-inch to 30-inch-diameter relief sewers constructed via open-cut trenching or trenchless methods as well as a 256-LF 8’x8’ storage culvert. The relief sewers, along with new diversion structures and junction chambers, will convey flow from undersized sewers to existing sewers with sufficient capacity to carry additional flow, thus reducing combined sewer overflows to CSO 087. At W. 3rd St. and Quigley, sewer separation, including a 475-LF 8-inch-diameter lateral, will eliminate combined sewer overflows to CSO 089. The W3QW project also includes a vent structure and other miscellaneous improvements on the Northwest Interceptor. The general project alignment is shown on the map below.

## PROJECT BENEFITS

The W3QW system will reduce overflows to the Cuyahoga River from CSO-087 and CSO-089 and reduce CSO volume, providing the following benefits:

- Improved water quality in Nine Mile Creek and Green Creek;
- A reduction in public health risks associated with CSOs;
- A cleaner Lake Erie for drinking water, boating, beach-going, and other recreational purposes; and
- Wet weather flooding relief.

W3QW Project Schedule				
Project Phase	Year			
	2019	2020	2021	2022
Redesign				
Bidding				
Construction				

**CONSTRUCTION COST:** \$9.9 million

**CONTRACTOR:** Triad

**STATUS:** Construction Commencement

Engineering & Contracting

