

PEARL & JENNINGS ROAD STORAGE TANKS AND PUMP STATION UPGRADES PROJECT

DESCRIPTION

The Pearl & Jennings Road Storage Tanks and Pump Station Upgrades project (PJPS) is part of Project Clean Lake, a \$3B, 25-year program NEORSRD began in 2011 designed to meet Clean Water Act standards and address water quality issues. The PJPS project will reduce a portion of the 4.5 Billion Gallons of wet weather combined sewer overflows (CSOs) released into Lake Erie and its tributaries in the Greater Cleveland area in a typical year.

At this time, the PJPS project is anticipated to include an upgrade of the NEORSRD’s Jennings Road Pump Station, the construction of an approximately 1.1 million gallon capacity CSO storage tank near the Jennings Road / Harvard Avenue intersection, and the extension of Old Treadway Creek (OTC) to Big Creek via the existing Jennings Road combined sewer to which the OTC currently discharges. This requires the existing combined sewer to be repurposed as a storm sewer and directed to Big Creek; it also requires a new sanitary sewer to be constructed along Jennings Road from Bradley Road to Crestline Road.



Anticipated PJPS Work Sites

PROJECT BENEFITS

The improvements to the combined sewer system will greatly reduce the volume and frequency of wet weather CSOs to Big Creek and the Cuyahoga River. Improved water quality will be achieved in Big Creek at CSO-045 and in the Cuyahoga River at CSO-088 and points downstream. The PJPS project will reduce the annual frequency of overflows at CSO-045 and CSO-088 from 21 and 47 events, respectively, to 4 events at each location, and reduce CSO volume from 30.21 million gallons to 3.34 million gallons in a typical year.

CONSTRUCTION COST:

\$25 Million (Est.)

STATUS:

Design underway as of February 2019

PJPS Project Schedule					
	Year				
Project Phase	2019	2020	2021	2022	2023
Design	█	█	█		
Bidding				█	
Construction				█	█