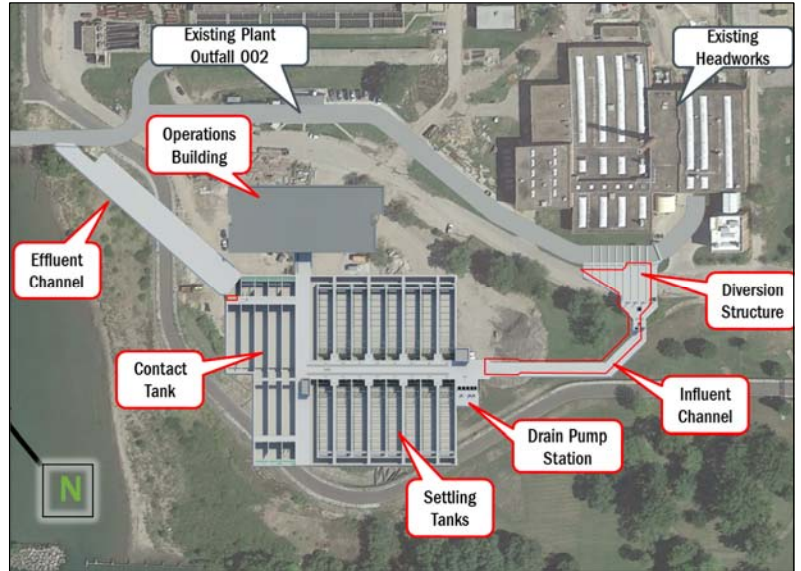


# EASTERLY CHEMICALLY ENHANCED HIGH RATE

## DESCRIPTION

The Easterly Chemically Enhanced High Rate Treatment project (ECEHRT) 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 ECEHRT will treat Easterly Plant Outfall 002, the largest outfall in the Easterly District.

The ECEHRT facility will include 16 new settling tanks to treat as much as 400 million gallons per day during wet weather conditions. In addition chemicals will be feed into the facility to enhance solids removal. The effluent flow will be disinfected prior to being discharged into Lake Erie



**ECEHRT proposed facilities (red) and existing facilities (black)**

## PROJECT BENEFITS

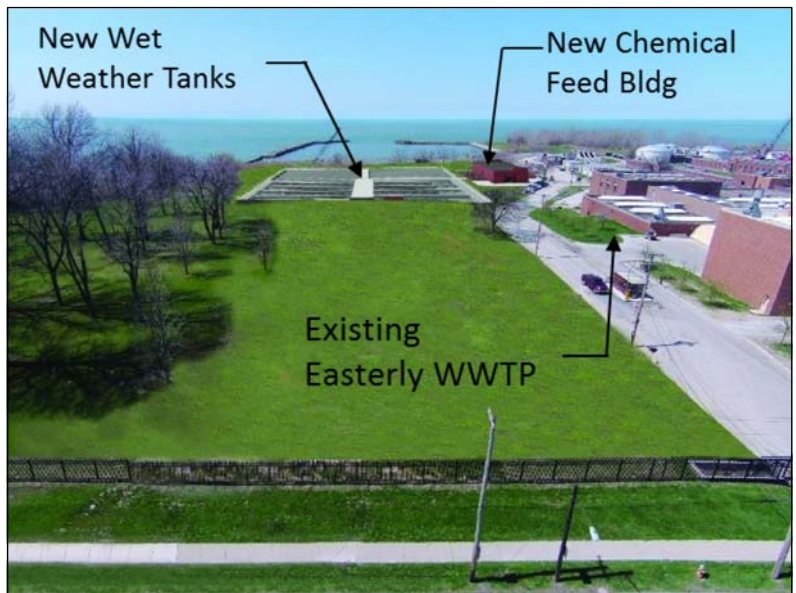
The ECEHRT will reduce the frequency of untreated overflows into Lake Erie to two or fewer in a typical year. These enhancements will provide:

- Improved water quality in Lake Erie;
- A reduction in public health risks associated with CSOs;
- A cleaner Lake Erie for drinking water, boating, beach-going, and other recreational purposes; and
- Treatment of an extra 530 million gallons annually before being discharged to Lake Erie.

**CONSTRUCTION COST:** \$125 Million (Est.)

**STATUS:** 60% Design; Construction Award expected Q1 2018

ECEHRT Project Schedule							
	Year						
Project Phase	2015	2016	2017	2018	2019	2020	2021
Design	█	█	█	█			
Bidding				█			
Constr.					█	█	█



**ECEHRT proposed location west of Easterly WWTP**