



# OPERATION Ripple Effect™

## SIMPLE STEPS: BIG BENEFITS FOR THE MOHAWK RIVER

### PROJECT BULLETIN

Normally, our sanitary sewer system has enough capacity to operate properly. But when we get heavy rains or sudden snow melts, stormwater overwhelms the system and causes overflows into the Mohawk River. That stormwater runoff enters the sanitary sewer system from multiple sources: deteriorated and damaged public sanitary sewers; and private property connections, such as roof leaders and sump pumps.

Operation Ripple Effect is a program of the Oneida County Sewer District that asks residents, businesses, and municipalities to do their part to reduce overflows. Together, we can help keep the Mohawk River clean.

## MAKING PROGRESS

1,345 MANHOLES AND  
43.5 MILES OF PIPE REHABILITATED

The goal of the Oneida County Sewer District's (OCSD) Sanitary Sewer Overflow Mitigation Project is to establish a properly functioning and maintained wastewater infrastructure for the benefit of our environment and the advancement of our community.

The answer to this is a three-part fix aimed at preventing overflows into the Mohawk River. This includes rerouting stormwater from the sanitary sewer system through private property projects, rehabilitation and repair work throughout the district, and upgrades at the Water Pollution Control Plant.

Since implementing repair and rehabilitation work, 1,345 manholes and 43.5 miles of pipe have been rehabilitated – an accomplishment to be celebrated! The following table takes a closer look at the approximate amount of work completed in each municipality.

Municipality	Number of Manholes Rehabilitated*	Miles of Pipe Rehabilitated*
Clayville	40	1.0
Paris	154	3.4
New Hartford (T)	337	16.3
New Hartford (V)	87	3.1
New York Mills	182	4.6
Yorkville	104	2.5
Whitesboro	109	1.7
Whitestown	76	9.8
Oriskany	97	1.1
Airport Business Park	39	0
OCSD (District-wide)	120	0
<b>TOTALS</b>	<b>1,345</b>	<b>43.5</b>

\* Includes approximations. Actual numbers may vary slightly.

## MEASURING SUCCESS

FLOW METERS TO PROVIDE DATA

Repairs and rehabilitation prevent overflows by keeping infiltration and inflow (I/I) from entering into the sanitary sewer system. The New York State Department of Environmental Conservation has acknowledged the positive impacts that the OCSD repairs and rehabilitation projects have made toward removing I/I. The next step of this process is to quantify estimations with data provided by flow meters that were installed in January 2015.



Contact [cmanion@paigegroup.com](mailto:cmanion@paigegroup.com) to schedule a briefing. For more news and reports, visit [www.sewerrehabocsd.org](http://www.sewerrehabocsd.org).  
An Initiative of the Oneida County Sewer District

## DID YOU KNOW?

Rain isn't the only water that can enter the sanitary sewer system from your gutters. According to the Federal Emergency Management Association (FEMA), about 2,500 gallons of water will come from a 1,000-square-foot roof with one foot of snow depth across it.



Anthony J. Picente Jr., County Executive

Steven P. Devan, P.E., Commissioner  
Department of Water Pollution and Water Quality Control