



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:

SAUQUOIT CREEK PUMP STATION AND FORCE MAIN DESIGNS AT 90 PERCENT

The designs for the Sauquoit Creek Pump Station (SCPS) and force main have progressed to 90 percent completion!

The SCPS has the capacity to pump 15 million gallons per day (mgd). This amount is more than sufficient to pump the average daily usage for this basin – roughly 5 mgd based on domestic water consumption.

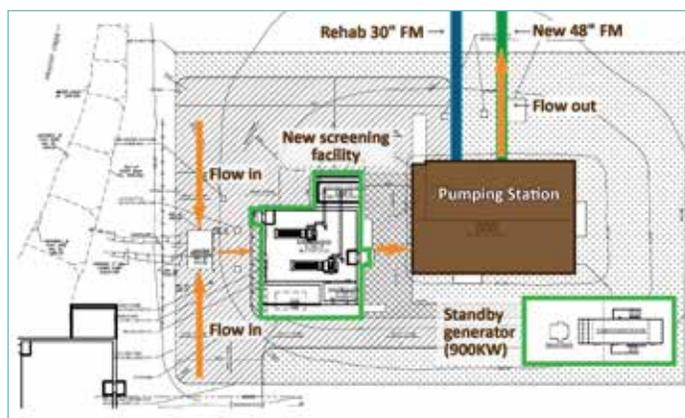
However, during heavy rains and snowmelts, the station is overwhelmed by more than 35 mgd causing the excess sewage to overflow to the Mohawk River. As a result, a combination of stormwater removal and facility modifications are necessary.

Sauquoit Creek Pump Station:

- New screening facility
- New generator
- Major electrical service upgrades
- Building upgrades

Force Main:

- New 48-inch force main (4.5 Miles)
- Rehabilitate existing force main and major control valves
- Force main cleaning station



Current design for Sauquoit Creek Pump Station.

EARTH DAY EVENTS ENCOURAGE RESIDENTS TO REROUTE, RECLAIM, RECHARGE

Operation Ripple Effect was the buzz at several regional Earth Day celebrations this year.

Activities included:

- Operation Ripple Effect Earth Day Celebration on April 18 at Jay-K Lumber, Seneca Turnpike in New Hartford
- Oneida-Herkimer Solid Waste Authority event on April 18 at the Recycling Center on Leland Ave. in Utica



- Earth Day at the Utica Zoo on April 25 at the Utica Zoo in Utica

GETTING SOCIAL

Do you have an opportunity to display Operation Ripple Effect materials at an upcoming event? Contact the public information team (via Cat Manion, cmanion@paigegroup.com).



Contact cmanion@paigegroup.com to schedule a briefing. For more news and reports, visit www.sewerrehabocsd.org.

An Initiative of the Oneida County Sewer District

Anthony J. Picente Jr., County Executive

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