

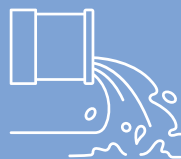
MACOMB COUNTY PUBLIC WORKS



2021

BY THE NUMBERS

60 MILLION GALLONS OF CSO'S PREVENTED FROM ENTERING LAKE ST. CLAIR



Thanks to operational changes from our team, we were able to increase storage, thereby significantly reducing combined sewer overflows in 2021.



2 MAJOR SEWER REHABILITATION PROJECTS UNDERWAY

No more sinkholes! Segment 5 located at 15 Mile Road & ITC corridor and Segment 6 located at 15 Mile & Garfield Roads.

4,000 RESIDENT BASEMENTS SAVED FROM FLOODING



Careful and decisive action averted basement backups during intense and prolonged rain during the June & July events.



180 ENGINEERING PLANS REVIEWED

Fostering economic developments such as subdivisions, condominiums, industrial and commercial projects or redevelopments that discharge stormwater into a county drain are carefully reviewed by our team every day.

1,146 SOIL EROSION PERMITS ISSUED



Sediment is one of the largest pollutants in our rivers, lakes and streams. MCPWO ensures the protection of our waterways from sediment generated from construction sites.



102 DRAIN CLEANOUTS

MCPWO inspected, maintained and improved 102 county drains in 25 communities utilizing grant funds, the county's 50/50 Drain Match Program and prior assessments.

9,974 INSPECTIONS



To facilitate the proper operations of our drains, this department provides soil erosion inspections, inspects construction of storm drains, sanitary sewers, drain taps, crossings and illicit discharges.



117 TONS OF SEDIMENT CAPTURED FROM STERLING RELIEF DRAIN

Thanks to the improvements made to the national award-winning Sterling Relief Drain Daylighting project, we captured 115 tons of total suspended solids, 610 lbs. of phosphorus and 3,450 lbs. of nitrogen.

371 REGISTERED USERS IN NEW ONLINE PERMIT PORTAL



Available online 24 hours a day - 365 days a year. Apply for permits, submit plans for review, schedule an inspection and pay fees all in one secured convenient location.



24 RAIN GAUGES NOW AVAILABLE ONLINE

The public can now easily view the same rain information used by the MCPWO for stormwater management. Real time rainfall data is now available on our website.