



SOUTH WASHINGTON
WATERSHED DISTRICT



RAMSEY-WASHINGTON
METRO WATERSHED DISTRICT

Enhanced street sweeping has been identified in studies across the Twin Cities metro area as one of the most cost-effective BMPs available for treating stormwater runoff to urban waterbodies. Woodbury is Minnesota's eighth largest city and has long been one of its fastest growing communities, sweeping 600 lane miles twice each year. SWWD and RWMWD have worked with Woodbury to develop and implement a city-wide Enhanced Street Sweeping Plan that keeps three sweepers running full-time throughout the city. The operations of this program beyond the required spring and fall sweeps are funded by the watershed districts. SWWD has also provided over \$650,000 in grants to help the city purchase new street sweeping equipment.



After a pilot program launch in the fall of 2022 showed immediate success, operations were continued in 2023 with Woodbury's two existing sweepers. The program will expand in 2024 with the addition of a third regenerative air sweeper to Woodbury's fleet, funded entirely by SWWD. Annual total pollutant load reduction estimates with full plan implementation are 950 tons of sediment and 709 pounds of phosphorus. Woodbury's residents benefit from this program through lake water quality and clarity improvements, reduced city pond maintenance costs over time, and improved neighborhood aesthetics.

The partner organizations have also begun to install vinyl wraps on the city's sweepers to promote the Adopt-A-Drain Program and other environmental messaging, using the sweepers as slow-moving billboards to promote environmental awareness in the community. A "Name the Sweeper" contest in the fall of 2023 showed that the force of this program was strong with city residents, who chose "Obi-Wan Cleanobi" as the new sweeper's name.



Woodbury's new 2023 sweeper with its new vinyl wrap design



New regenerative air sweeper will be added to the fleet for 2024