



MS4 Permit No. WI-S050075-3

2025 MS4 Permit Annual Report

Section A.6.2: Annual Update on TMDL Implementation

MS4 Permit No. WI-S050075-3, Section A.6.2 Annual Reporting. For compliance options outlined under sections A.3, A.4, and A.5, the permittee shall include a description and the status of progress toward implementing the identified actions and activities in their MS4 annual reports due by March 31 of each year.

The City of Watertown has made progress in implementing the Rock River TMDL in 2025 with the following tasks:

1. Continued to implement the Watertown Waterways Improvement Program, a Quality Trading Program developed with Jefferson County & Rock River Coalition.

Inspections were completed and payment was made in 2025 on the first practice, a set of 2 harvestable buffers, which was installed in 2024. The water quality plan describing the overall local water quality trading program and this particular trade was conditionally approved by WDNR in October 2024. A 10-year agreement was signed by the property owner and the City. This practice will control 73.25 pounds of Phosphorus and 8.71 tons of Total Suspended Solids (TSS) over those 10 years. Additional practices were considered but did not result in a new agreement with property owners. Alternative sites/practices will be considered in 2026.

The City, Jefferson County & the Rock River Coalition have come together to develop a Water Quality Trading (WQT) program. This program will assist the City's goals of meeting the TSS & TP reduction requirements in the Rock River TMDL reachsheds 28 & 29. This partnership incorporates the nonpoint source experience and expertise of the Jefferson County staff and the relationships and outreach experience and expertise of the Rock River Coalition with the City's funding and need to meet the TMDL requirements. DNR staff have been very helpful in providing clarifications and MS4 Permit program guidance in developing a watershed-style WQT program.

2. Plan and Implement New Stormwater BMPs.

The City completed installation of a biofilter in the right-of-way along Hiawatha Street to improve stormwater management in reachshed 29. The three new biofilters at the new Fire Station site were also completed in 2025. Planning is underway for future stormwater management facilities to control both flooding and pollutants.

WinSLAMM modeling was completed and compiled for recently installed city-owned BMPs.

City-owned BMPs 2022-2025										
BMP Number	BMP Name	Site Name	NC TSS (lbs)	NC TP (lbs)	Proposed TSS (lbs)	Proposed TP (lbs)	Percent TSS Reduction	Percent TP Reduction	TSS reduction (lbs)	TP reduction (lbs)
79	Permeable Pavers	Jones St Lot	64.12	0.1242	5.06	0.01009	92.11%	91.87%	59.06	0.1141
80	Biofilters	Jones St Lot	20.33	0.0336	9.17	0.01827	54.92%	45.69%	11.17	0.0154
81	Permeable Pavers	Cady St Lot	33.43	0.0553	3.61	0.00790	89.19%	85.71%	29.82	0.0474
92	South Biofilter	Reflection Park	5.79	0.0344	0.85	0.00531	85.41%	84.55%	4.95	0.0291
93	West Biofilter	Reflection Park	15.46	0.0992	2.69	0.01689	82.63%	82.97%	12.77	0.0823
94	Permeable Pavers	Senior Center	362.8	0.6000	242.90	0.40690	33.05%	32.18%	119.90	0.1931
95	Biofilter	Watertown Court	3299	5.6000	1354.00	2.90000	58.96%	48.21%	1945.00	2.7000
96	Biofilter	Boomer St.-West	360.3		139.80		61.20%	46.60%	220.50	0.0000
	Biofilter	Boomer St. - East	375.4		145.66		61.20%	46.60%	229.74	0.0000
102	Biofilter	Fire Station-North	1346	2.8890	269.10	0.57780	80.01%	80.00%	1076.93	2.3112
103	Biofilter	Fire Station-Middle								
104	Biofilter	Fire Station-South								
106	Biofilter	Hiawatha St. ROW	664	1.8440	662.54	0.38245	85.49%	79.26%	567.65	1.4616
						0.00000			0.00	0.0000
Total			6546.63	11.2797	2835.36	4.26715			4277.50	6.6659

Program Contact

Maureen McBroom, Stormwater Project Manager

mmcbroom@watertownwi.gov

920-206-4264