

2025 MS4 PERMIT ANNUAL REPORT

MARCH 2026

1

TODAY'S DISCUSSION



- Stormwater Program Goals
- MS4 Permit Annual Report Review
 - MS4 Programs in 2025
- Next Permit: 2026 – 2031 (?)




2

STORMWATER PROGRAM

- Flood Control – to minimize flooding impacts to public infrastructure and public/private properties
- Pollutant Control – to protect quality of life for residents, property owners and meet Wisconsin Department of Natural Resources Stormwater (MS4) Permit
- Maintenance so the systems work.

3

OUTREACH & EDUCATION / PUBLIC INVOLVEMENT

- City Connection Newsletter
- Social Media & Website
- Brochures @ City Hall
- Tables at Lights & Sirens, Boo Bash, Farmer's Markets
- 4th Annual Rain Barrel Workshop
- Citizen Stream Monitoring Training (2 sessions)
- Streambank Clean-up
- WI Stormwater Awareness Week
- Riverside Park Creek Streambank Plantings



Add PWW, RRC partner logos




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ILLICIT DISCHARGE DETECTION AND ELIMINATION (IDDE) / GIS UPDATES

- 408 Storm Sewer Outfalls to Rock River, creeks, wetlands
- 49 IDDE Inspections Completed; 13 Tested In-Field
- 0 "hits" detected
- Added recent storm pipe, BMPs & As-Built Data
- Completed Re-naming of Storm Structures in New Stormwater Layer in GIS

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CONSTRUCTION SITE POLLUTANT CONTROL

- 139 Erosion Control Inspections completed in 2025
 - 14 Sites; 10 Sites over 1 Acre
 - Monthly EC Inspections
 - Weekly if there are problems on site
 - Bi-monthly for Inactive Sites
- Try to meet with site project manager at beginning of project, and again if there are concerns or noncompliance issues.




6

POST-CONSTRUCTION STORMWATER MANAGEMENT

- New Stormwater BMPs in 2025:
 - Lumin Terrace – 1 Biofilter
 - Johnsonville – 1 biofilter (retrofit)
 - Hiawatha Street Bioswale
- Issued 12 EC & SW Permits; Completed 17 Plan Reviews & Revisions
- 62 BMPs Inspected
- MetaBMP Inspection & Maintenance Program Pilot Project
- W. Main Street Kwik Trip Swales and Ponds Maintained by Owner


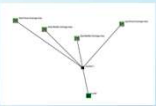







7

POLLUTION PREVENTION

- Municipal Operations 2025 Stormwater Data:
 - 232 Lane Miles Swept
 - 450 yards of sediment and debris collected from street sweeper and catch basins
 - 2,996 tons of salt; 5,723 gallons of brine* applied to streets
 - WinSLAMM Training for 3 Engineering Div. Staff
 - SaltWise Training for 6 Parks Staff


*Brine = 77% water, 23% salt mixture



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TMDL / WATER QUALITY TRADING

- 2022-2025 Total Pollutant Reductions:
 - TSS: 26,791.50 Lbs.; TP: 79.9159 Lbs. Reduced
- Next MS4 Permit TMDL Goals (20%TSS, 10%TP of Remainder)
 - TSS: 65,391 Lbs.
 - Phosphorus: 152 Lbs.



BMP Number	BMP Name	Site Name	NC TSS (lbs)	NC TP (lbs)	TP (lbs)	Reduction	Reduction	(%)	(%)
76	Stormwater Practice	James St SW	48,112	0.2912	0.08	0.1005	13.17%	33.7%	0.1242
81	Stormwater Practice	James St SW	28,310	0.2314	0.17	0.1607	54.52%	45.48%	13.17
82	BioFilter	High St SW	10,000	0.0213	1.61	0.0146	89.12%	95.1%	0.0146
83	BioFilter	East Middle Lane	10000	38.2500	1533.00	17.0000	77.12%	52.26%	5.724.00
84	Stormwater Practice	Maplewood Park	1,778	0.0044	0.00	0.0011	61.37%	48.63%	0.0011
85	Stormwater Practice	Maplewood Park	15,148	0.0012	0.00	0.1488	82.41%	82.41%	12.77
86	Stormwater Practice	Maplewood Park	460.8	0.0044	0.00	0.0044	10.00%	10.00%	0.0044
87	BioFilter	Maplewood Court	1,000	0.0000	134.00	2.0000	18.18%	48.18%	1.560.00
88	BioFilter	Maplewood Court	100.0	0.0000	149.00	1.0000	63.05%	49.66%	100.00
89	BioFilter	Maplewood St. East	133.4	0.0000	345.00	1.0000	48.00%	48.00%	100.00
90	BioFilter	Franklin Square	1,000	1.0000	300.00	1.0000	99.95%	99.95%	1.0000
91	BioFilter	Franklin Square	1,000	1.0000	300.00	1.0000	99.95%	99.95%	1.0000
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