

WATER QUALITY IMPROVEMENT PROJECTS



Department of
Environmental
Conservation

MS4 Comprehensive Mapping Worksheet

This worksheet must be filled out for the applicant and each MS4 Operator participating in the project.

Regulated MS4 Name: _____

Resources:

[General Permit for Stormwater Discharges from Municipal Separate Storm Sewer Systems Permit, GP-0-24-001 \(PDF\)](#)

[2024 MS4 General Permit \(GP-0-24-001\) Fact Sheet \(PDF\)](#)

Items in the categories 1) Discharging to an impaired water listed in Appendix C of GP-0-24-001 (Part VIII. of GP-0-24-001) and 2) Discharging to a TMDL watershed listed in Table 3 of GP-0-24-001 (Part IX. of GP-0-24-001) may not be applicable to all applicants. If items in these categories (or elsewhere) do not apply, please write in "N/A" for not applicable.

	Basic Elements	Intermediate Elements	Advanced Elements	Mapping Status (complete, in progress, not started, not applicable)
MS4 outfalls and Interconnections¹				
Receiving waterbody name	X			
Type of monitoring location (MS4 outfall or Interconnection)	X			
Type of conveyance (open drainage or closed pipe)	X			
Material	X			
Shape	X			
Submerged in water?	X			
Submerged in sediment?	X			
Latitude/longitude	X			
ID		X		
Prioritization (high or low) ²		X		
Land use in drainage area		X		
Dimensions		X		
Name of MS4 Operator's municipal facility, if located at a municipal facility		X		
Name of MS4 Operator receiving discharge or private storm system (for interconnections only)		X		
Owner			X	
Inspection data			X	
Receiving waterbody class			X	

¹ As defined by GP-0-24-001.

² Use the prioritization criteria for monitoring locations found in GP-0-24-001.

Receiving waterbody WI/PWL Segment ID			X	
Municipal Facility Intraconnections³				
ID		X		
Latitude/longitude		X		
Owner		X		
Prioritization (high or low) ⁴		X		
Type of monitoring location (municipal facility intraconnection)		X		
Name of MS4 Operator's municipal facility		X		
Receiving waterbody name			X	
Receiving waterbody class			X	
Receiving waterbody WI/PWL Segment ID			X	
Locations where the MS4 Operator's MS4 is receiving stormwater from another MS4 or private storm sewer system (i.e., updrainage connections with adjacent MS4s)				
ID			X	
Latitude/longitude			X	
Owner			X	
Name and contact information for updrainage MS4 Operator or private storm system			X	
Receiving waterbody name			X	
Receiving waterbody class			X	
Receiving waterbody WI/PWL Segment ID			X	
Storm Sewer Conveyance System⁵				
Type (closed pipe or open drainage)	X			
Latitude/longitude	X			
Material		X		
Shape		X		
Dimensions		X		
Direction of flow ⁶		X		
ID			X	
Owner			X	
Receiving waterbody name			X	
Receiving waterbody class			X	
Receiving waterbody WI/PWL Segment ID			X	
Storm Sewer Structures⁷				

³ As defined in GP-0-24-001. Although MS4 outfalls, interconnections, and municipal facility intraconnections are all monitoring locations and data could be collected/organized in one feature, municipal facility intraconnections are separate because they are new to the MS4 General Permit requirements in GP-0-24-001.

⁴ Use the prioritization criteria for monitoring locations found in GP-0-24-001.

⁵ This includes stormwater infrastructure located at municipal facilities.

⁶ Can be described in an attribute (written description) or indicated as an arrow on the feature.

⁷ This includes stormwater infrastructure located at municipal facilities.

Type (drop inlet, catch basin, or manhole)	X			
Number of connections to and from drop inlets, catch basins, and manholes	X			
Latitude/longitude	X			
Date of inspection of catch basin		X		
Approximate level of trash, sediment, and/or debris captured at time of clean-out in the catch basin (no trash, sediment, and/or debris, <50% of the depth of the <i>sump</i> , >50% of the depth of the <i>sump</i>)		X		
Depth of structure (for catch basins and manholes)		X		
Depth of sump (for catch basin)		X		
Date of clean out, if applicable (for catch basin)		X		
ID			X	
Owner			X	
Receiving waterbody name			X	
Receiving waterbody class			X	
Receiving waterbody WI/PWL Segment ID			X	
Post-Construction Stormwater Management Practice (SMP)				
Address or tax parcel	X			
Latitude/longitude	X			
Type ⁸		X		
Date of installation (if available) or discovery		X		
Ownership		X		
Responsible party for maintenance		X		
Contact information for party responsible for maintenance		X		
Location of documentation depicting O&M requirements &				
legal agreements for SMP			X	
Frequency of inspection of SMP			X	
Reason for installation (e.g., new development, redevelopment, retrofit, flood control), if known			X	
Contributing drainage area to SMP (if known)			X	
Date of last inspection			X	
ID			X	

⁸ Post-construction *SMP* types are defined in the New York State Department of Environmental Conservation Maintenance Guidance: Stormwater Management Practices, March 31, 2017 (NYS DEC Maintenance Guidance 2017).

Inspection results			X	
Any corrective actions identified and completed			X	
Receiving waterbody name			X	
Receiving waterbody class			X	
Receiving waterbody WI/PWL Segment ID			X	
Municipal Facilities				
Address	X			
Latitude/longitude	X			
Name		X		
Type of municipal facility		X		
Prioritization (high or low) ⁹		X		
Contact information			X	
Responsible department			X	
Location of municipal facility specific SWPPP (if high priority, when completed)			X	
Type of activities present on site			X	
Size of facility (acres)			X	
Date of last assessment			X	
BMPs identified			X	
Projected date of the next comprehensive site assessment			X	
ID			X	
Owner			X	
SPDES ID or No Exposure ID (if applicable)			X	
Receiving waterbody name			X	
Receiving waterbody class			X	
Receiving waterbody WI/PWL Segment ID			X	
Focus Areas				
Areas with onsite wastewater systems (subject to Part IX of GP-0-24-001 requirements)	X			
TMDL watersheds listed in Table 3 of GP-0-24-001 (subject to Part IX of GP-0-24-001 requirements)	X			
Areas discharging to Class AA-S, A-S, AA, A, B, SA, or SB waters		X		
Sewersheds for impaired waters listed in Appendix C of GP-0-24-001		X		
Areas with construction activities		X		
Residential Areas		X		

⁹ Use the prioritization criteria for municipal facilities found in GP-0-24-001.

Commercial Areas		X		
Industrial Areas		X		
Stormwater hotspots ¹⁰		X		
Areas with illicit discharges		X		
Sewershed Boundary				
Preliminary storm-sewershed boundaries (as required by GP-0-15-003)	X			
Discharging to an impaired water listed in Appendix C of GP-0-24-001 (Part VIII. of GP-0-24-001)				
ADA MS4 outfalls ¹¹		X		
Sewershed for each MS4 outfall		X		
Sewershed for each ADA MS4 outfall		X		
Retail/wholesale plant nurseries for each MS4 outfall (Part VIII.A. and D. of GP-0-24-001)		X		
Commercial lawn care facilities for each MS4 outfall (Part VIII.A. and D. of GP-0-24-001)		X		
Golf courses for each MS4 outfall (Part VIII.A. and D. of GP-0-24-001)		X		
Facilities with <i>SPDES</i> permit coverage under the MSGP with <i>stormwater discharges</i> applicable under Sector C, E, L, or J with facility contact (Part VIII.B. of GP-0-24-001) for each MS4 outfall		X		
Areas with a history of sanitary sewer overflows for each MS4 outfall (Part VIII.C. of GP-0-24-001)		X		
Waterfowl congregation areas on <i>municipal</i> property or right of way for each MS4 outfall (Part VIII.C. of GP-0-24-001)		X		
Areas where pets/domestic animals may frequent for each MS4 outfall (Part VIII.C. of GP-0-24-001)		X		
Waste disposal areas for each MS4 outfall (Part VIII.C. of GP-0-24-001)		X		

¹⁰ As defined by GP-0-24-001.

¹¹ As defined by GP-0-24-001.

Discharging to a TMDL watershed listed in Table 3 of GP-0-24-001 (Part IX. of GP-0-24-001)				
Location of retrofits (Part IX.A. and B. of GP-0-24-001)	X			
Contributing drainage area to the retrofits (Part IX.A. and B (Greenwood Lake) of GP-0-24-001)	X			
Retail/wholesale plant nurseries for which contribute to the TMDL waterbody (Part IX.A, B, and D. of GP-0-24-001)		X		
Commercial lawn care facilities which contribute to the TMDL waterbody (Part IX.A, B, and D. of GP-0-24-001)		X		
Golf courses which contribute to the TMDL waterbody (Part IX.A, B, and D. of GP-0-24-001)		X		
Commercial or industrial yard waste storage areas which contribute to the TMDL waterbody (Part IX.A, B, and D. of GP-0-24-001)		X		
MS4 infrastructure with a history of issues which contribute to the TMDL waterbody (Part IX.A. of GP-0-24-001)		X		