WATER QUALITY IMPROVEMENT PROJECTS

NEW YORK STATE | 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 Interconnections[1]				
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 Intraconnections[3]				
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 System[5]				
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 Structures[7]				

[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 *sump*, >50% of the depth of the *sump*)		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 *SPDES* permit coverage under the MSGP with *stormwater discharges* 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 *municipal* 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		