

# Water Quality Improvement Projects (2022)



Department of Environmental Conservation

## MS4 Mapping Status Worksheet

This table must be filled out for the applicant and each regulated MS4 participating with and/or benefitting from the MS4 project.

Regulated MS4 Name:

Lead Applicant       Participating MS4       Benefitting MS4

	Basic Elements Map (Application must include these elements if they are not already included in map)	Intermediate Elements Map (Applications must look to include these elements if they are not already included in map)	Advanced Elements Map (Elements beyond the required permit elements)	Mapping Status: Check if Completed
<b>Outfall Mapping</b>				
Receiving waterbody name	X			<input type="checkbox"/>
Type of conveyance (e.g., open drainage, closed pipe, catch basin)	X			<input checked="" type="checkbox"/>
Outfall material	X			<input checked="" type="checkbox"/>
Outfall shape	X			<input checked="" type="checkbox"/>
Outfall Prioritization <sup>1</sup>	X			<input type="checkbox"/>
Type of outfall (i.e., direct, indirect, interconnected MS4 outfall)	X			<input type="checkbox"/>
Submerged in water?	X			<input type="checkbox"/>
Submerged in sediment?	X			<input type="checkbox"/>
Latitude/longitude	X			<input checked="" type="checkbox"/>
Land use in drainage area			X	<input type="checkbox"/>
Inspection data			X	<input type="checkbox"/>
Owner			X	<input type="checkbox"/>
Structure/facility ID			X	<input type="checkbox"/>
<b>Storm Sewer System Mapping<sup>2</sup></b>				
Type of conveyance system (closed pipe or open drainage)	X			<input type="checkbox"/>
Closed pipe or open drainage Description: material, shape, size	X			<input type="checkbox"/>
Direction of flow	X			<input type="checkbox"/>
Drop inlet, catch basin, & manhole locations	X			<input checked="" type="checkbox"/>

<sup>1</sup> For the purposes of this grant, the following criteria must be used to determine outfall prioritization: high priority outfall criteria are outfalls directly discharging to impaired waters and outfalls discharging to water with designated best usage of primary and secondary contact recreation or higher (Class AA-S, A-S, AA, A, B, SA, or SB) and all other outfalls are considered low priority outfalls.

<sup>2</sup> For the purposes of this grant, this also includes stormwater infrastructure located at municipally owned/operated facilities.

Number of connections to catch basins and manholes	X			<input type="checkbox"/>
Latitude/longitude	X			<input checked="" type="checkbox"/>
Receiving waterbody name		X		<input type="checkbox"/>
Depth of catch basin/manhole			X	<input checked="" type="checkbox"/>
Sump depth of catch basins			X	<input type="checkbox"/>
Location of points receiving discharge from updrainage connections with adjacent MS4s (include name & contact info. for adjacent MS4 Operator)			X	<input type="checkbox"/>
Owner			X	<input checked="" type="checkbox"/>
Structure/facility ID			X	<input type="checkbox"/>
<b>Stormwater Management Practice (SMP) Mapping</b>				
Address	X			<input type="checkbox"/>
Latitude/longitude	X			<input type="checkbox"/>
Type of SMP (pond, bioretention, swale, rain garden, etc.) <sup>3</sup>		X		<input type="checkbox"/>
Receiving waterbody name		X		<input type="checkbox"/>
Date practice was installed		X		<input type="checkbox"/>
Ownership of SMP		X		<input type="checkbox"/>
Responsible party for maintenance		X		<input type="checkbox"/>
Location of documentation depicting O&M requirements & legal agreements for practice			X	<input type="checkbox"/>
Frequency of inspection of practice			X	<input type="checkbox"/>
Reason for SMP (retrofit, new development, flood control, etc.)			X	<input type="checkbox"/>
Location where SMP discharges (Does SMP drain to MS4?)			X	<input type="checkbox"/>
Contributing drainage area to SMP (if known)			X	<input type="checkbox"/>
Construction date (if known)			X	<input type="checkbox"/>
Last inspection date (if known)			X	<input type="checkbox"/>
Structure/facility ID			X	<input type="checkbox"/>
<b>Municipally owned/operated facilities</b>				
Location/address	X			<input type="checkbox"/>
Latitude/longitude	X			<input type="checkbox"/>
Name		X		<input type="checkbox"/>

<sup>3</sup> Stormwater Practice Type defined in the *New York State Department of Environmental Conservation Maintenance Guidance: Stormwater Management Practices*, March 31, 2017.

Type (municipal buildings, DPW garage, vehicle & fleet maintenance areas [fire station, police station, bus stations], landfills, salt storage areas, parks & open space, solid waste disposal areas, transfer stations, marinas, etc.)		X		<input type="checkbox"/>
Facility Prioritization <sup>4</sup>		X		<input type="checkbox"/>
Receiving waterbody name		X		<input type="checkbox"/>
Standard Industrial Classification (SIC) Code (if applicable)			X	<input type="checkbox"/>
SPDES ID or No Exposure ID (if applicable)			X	<input type="checkbox"/>
Responsible Department			X	<input type="checkbox"/>
Contact Information			X	<input type="checkbox"/>
Status of facility specific SWPPP (if high priority)			X	<input type="checkbox"/>
Location of facility specific SWPPP (if high priority)			X	<input type="checkbox"/>
Type of activities present on site			X	<input type="checkbox"/>
Last assessment date			X	<input type="checkbox"/>
Year built			X	<input type="checkbox"/>
Size of facility (acres)			X	<input type="checkbox"/>
Owner			X	<input type="checkbox"/>
Structure/facility ID			X	<input type="checkbox"/>
<b>Sewershed Boundary</b>				
Preliminary	X			<input type="checkbox"/>
Impaired waters (if applicable)	X			<input type="checkbox"/>
Per MS4 outfall		X		<input type="checkbox"/>
<b>Priority Areas</b>				
Areas with onsite wastewater systems subject to Part IX requirements	X			<input type="checkbox"/>
TMDL watersheds	X			<input type="checkbox"/>
Land use within Impaired Watersheds (Commercial, HD Residential, LD Residential, Industrial, Open Space)		X		<input type="checkbox"/>
Land use within other Watersheds (commercial, HD residential, LD residential, industrial, open space)		X		<input type="checkbox"/>

<sup>4</sup> For the purposes of this grant, the following criteria must be used to determine municipal facility prioritization: high priority facilities have one or more of the following on site: storage/use of chemicals, salt, petroleum, pesticides, fertilizers, anti-freeze, lead-acid batteries, tires, waste/debris; fueling stations; vehicle or equipment maintenance/repair; and/or turf management, excluding mowing (e.g., pesticide, fertilizer or other chemical application) and all other municipal facilities are considered low priority municipal facilities.

Description of concern (i.e. sewershed to impaired waters, septic systems, high water table, industrial area, etc.)		X		<input type="checkbox"/>
Pollutant(s) of concern (litter, sediment, nutrients, etc.)		X		<input type="checkbox"/>
Areas contributing to impaired waterbodies		X		<input type="checkbox"/>
Areas where stormwater flows have significant potential to cause erosion (soil, silt, rock, etc.)		X		<input type="checkbox"/>
Areas contributing to waterbodies of significant value (drinking water supply, public bathing beaches, shellfishing, high recreation value)		X		<input type="checkbox"/>
Densely populated residential areas		X		<input type="checkbox"/>
Commercial/industrial areas		X		<input type="checkbox"/>
Hot spot areas (remediation sites, clusters of industrial activity, salt storage, etc.)		X		<input type="checkbox"/>
Areas where a high number of construction activities are occurring		X		<input type="checkbox"/>
Areas with a high number of illicit discharges		X		<input type="checkbox"/>
Areas of high discharge potential (Refer to Table 14 of IDDE Guidance Manual for identification)			X	<input type="checkbox"/>
Areas of shallow groundwater			X	<input type="checkbox"/>
Areas of low infiltrative soils			X	<input type="checkbox"/>
Areas of historic on-site sanitary system failures			X	<input type="checkbox"/>
Sites with a history of major oil or chemical leaks/spills (Include date of event, type of spill, and final resolution)			X	<input type="checkbox"/>
High priority construction sites (Discharges to impaired waters, AA-S, AA, or A classified water sources, or T (trout)/TS (trout spawning) protected bodies)			X	<input type="checkbox"/>
Other areas of concern (wetlands, riparian buffers, flood plains, steep slopes, etc.)			X	<input type="checkbox"/>
Areas with onsite wastewater systems (include typical age)			X	<input type="checkbox"/>
<b>Proposed Retrofits</b>				
Location	X			<input type="checkbox"/>
Contributing drainage area to the proposed stormwater retrofit	X			<input type="checkbox"/>