

2008 Draft New Hampshire Small Municipal Separate Sewer Storm (MS4) Permit: Summary of Permit Requirements for Municipal MS4

Disclaimer: This summary of permit requirements is provided as guidance only. This guidance has no regulatory significance and does not represent a comprehensive description of all permit requirements. Readers should refer to the draft permit for a complete description of all permit requirements.

Activity/Requirement	Section in MS4 Permit	Required Schedule
PART 1.0 Coverage under this permit		
Submit Notice of Intent (NOI) to EPA and State	Part 1.7.2(e)	Within 90 days of effective date of permit † (authorization to discharge upon written receipt of notice from EPA 1.7.4.(a))
Determine Endangered Species Act (ESA) eligibility requirements	Part 1.9.1	Include in NOI
Determine National Register of Historic Properties (NRHP) eligibility requirements	Part 1.9.2	Include in NOI
Write and sign updated Stormwater Management Program (SWMP) and updated BMP and measurable goals under MS4GP-2003	Part 1.10(a-b)	Within 120 days of date of authorization
PART 2.0 Non-Numeric Effluent Limitations		
Eliminate the conditions causing or contributing to an exceedance of water quality (WQ) standards	Part 2.1.1(c)	Within 60 days of learning of situation
Document measures used to correct the exceedance of WQ standards in the SWMP	Part 2.1.1(c)	Within 30 days of eliminating the condition
For discharge to impaired water <i>with</i> an approved TMDL, describe measure to control pollutant identified in TMDL.	Part 2.2.1(e)	Include in annual report
For discharge to impaired water <i>without</i> an approved TMDL, describe measure to control pollutant identified in impairment	Part 2.2.2(c)	Include in annual report
For discharge to a chloride impaired water, develop and implement plan to reduce chloride discharges and report status of plan implementation	Part 2.2.3 (a)	Include status report in annual report
Notify EPA and the state prior to commencement of a new or increased discharge from the MS4 to a water designated as Tier II or III by a State or Tribe	Part 2.2.4 (a)	Minimum of 30 days prior to commencement and document in annual report and SWMP
PART 2.3.1 Maximum Extent Practicable (MEP)		

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Public Education and Outreach – Distribute a minimum of two educational messages to each audience identified in Part 2.3.2.1(a)	Part 2.3.2.1(b)	Beginning the first year of permit and extending over the permit term
Public Involvement and Participation – Comply with public notice requirements, make SWMP and annual reports available and provide participation opportunities	Part 2.3.3.1-2	Annually
Illicit Discharge Detection and Elimination (IDDE) Program – Eliminate illicit discharges as expeditiously as possible and require immediate cessation of improper disposal practices upon confirmation of responsible parties	Part 2.3.4.2	Upon detection, eliminate illicit discharge within 30 days. If elimination within 30 days is not possible, schedule must be established. Eliminate no later than 6 months after confirmation of discharge or initiate appropriate enforcement actions.
Develop an inventory of identified sanitary sewer overflows (SSOs)	Part 2.3.4.2 (b)	Within 60 days of effective date of permit
Provide written notice of SSO to EPA and state or tribal agency	Part 2.3.4.2 (b)	Upon detection.
Develop a map of the separate storm sewer system and all structures associated with the system per 2.3.4.5	Part 2.3.4.5	Within two (2) years of effective date of permit
Perform illicit discharge potential assessment of all catchments as part of IDDE program	Part 2.3.4.6 (b)	No later than one (1) year from the effective date of permit
Establish a written protocol which clearly identifies responsibilities with regard to eliminating illicit discharges	Part 2.3.4.6 (c)	No later than one (1) year from the effective date of permit
Complete a written systematic procedure for locating illicit connections	Part 2.3.4.6 (d)	No later than two (2) years from the effective date of permit and implement protocol within three (3) months of its completion
Begin systematically locating illicit discharges using the procedure developed which must include an outfall inventory, sampling if flow is observed, and source tracking by evaluating all junction manholes	Part 2.3.4.6 (d.ii)	No later than 27 months from effective date of permit
Complete Outfall Inventory	Part 2.3.4.6 (d.ii)	Complete inventory for 25% of the outfalls each year of the permit beginning in year 2 of permit
Elimination or enforcement action following detection of illicit connection	Part 2.3.4.6 (d.iii)	No longer than six (6) months between confirmation of discharge or connection and elimination or enforcement
Construction Site Stormwater Control Program – Continue from MS4-2003 permit	Part 2.3.5	Begin effective date of permit
Stormwater Management in New Development and	Part 2.3.6.1-4	Begin effective date of permit

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Redevelopment (Post Construction Stormwater Management) – Continue new development and redevelopment program established under MS4-2003 and include in the program projects greater than one acre and process to retain the first one (1) inch of rainfall from a 24-hour storm		
Municipality shall require the submission of as-built plans	Part 2.3.6.5	Submission of as-built plans within 90 days of completion of construction project
Develop a report assessing current street design and parking lot guidelines and requirements that affect the creation of impervious cover	Part 2.3.6.6	Within two (2) years of effective date of permit
Develop a report assessing existing local regulations to determine the feasibility of making green infrastructure practices allowable	Part 2.3.6.7	Within three (3) years of effective date of permit
Estimate number of acres of impervious area (IA) and directly connected impervious area (DCIA); report tabulated results and estimation methodology	Part 2.3.6.8 (a)	Within one (1) year of effective date of permit
Complete an inventory and priority ranking of MS4-owned property and infrastructure that may be retrofitted	Part 2.3.6.8 (b)	Within two (2) years of effective date of permit
Estimate number of acres of DCIA added or removed during the prior year	Part 2.3.6.8 (c)	Beginning the second year annual report and in each subsequent annual report
Report those MS4-owned properties and infrastructure that have been retrofitted with BMPs	Part 2.3.6.8 (d)	Beginning the third year annual report and in each subsequent annual report
Good Housekeeping and Pollution Prevention – Develop written operations and maintenance procedures for the municipal activities listed in paragraphs of 2.3.7.1 (a-c)	Part 2.3.7.1	Within one (1) year from effective date of permit
Develop an inventory of all municipal facilities and inventory of all floor drains	Part 2.3.7.1	Within six (6) months of effective date of permit and review inventory annually
Establish procedures for catch basin inspections, cleaning and repairs	Part 2.3.7.1 (d)	Within six (6) months of effective date of permit and inspect annually
Clean catch basins	Part 2.3.7.1(d.i)	Minimum of once every other year
Establish procedures for sweeping streets, sidewalks, and permittee-owned parking lots	Part 2.3.7.1 (d.ii)	Within six (6) months of effective date of permit and sweep minimum of twice per year (spring and fall)
Establish inspection and maintenance frequencies and procedures for the storm drain systems and all structural	Part 2.3.7.1(d.iv)	Inspect structures annually at a minimum

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stormwater BMPs		
Develop and implement a written Stormwater Pollution Prevention Plan (SWPPP) for certain permittee-owned facilities identified in 2.3.7.2	Part 2.3.7.2 (a)	One (1) year from effective date of permit
Inspect all equipment and systems covered in SWPPP to avoid releases of pollutants	Part 2.3.7.2 (b.iv)	Minimum once per quarter
Train all facility employees as part of the facility SWPPP	Part 2.3.7.2 (b.iv)	Annually
PART 3.0 Monitoring Program		
Implement monitoring program	Part 3.1.1	No later than one (1) year from effective date of permit unless otherwise indicated in permit
Conduct dry weather screening and analytical monitoring and wet weather analytical monitoring of all outfalls and transfer locations to another MS4	Part 3.1.2-3	Within five (5) years of effective date of permit
Conduct dry weather screening on a minimum of 25% of the outfalls each year	Part 3.2.1	Beginning in the second year of permit with completion by the end of permit term; document annually
Conduct wet weather screening on a minimum of 25% of the outfalls each year	Part 3.3.2	Beginning in the second year of permit with completion by the end of permit term; document annually
PART 4.0 Additional State or Tribal Requirements		
For NH MS4, develop and implement a plan to notify public water suppliers in the event of an emergency which has the potential to impact a water supply	Part 4.2.4	Beginning the effective date of permit
For State or Tribal MS4s Non-Traditionals, permittee must evaluate opportunities to include green infrastructure practices in new development and redevelopment, and evaluate opportunities to reduce the amount of impervious cover due to parking areas and walkways	Part 6.3	Report in each annual report
For Transportation Agencies, agency must evaluate opportunities to include green infrastructure practices in new development and redevelopment, and evaluate opportunities to reduce the amount of impervious cover due to parking areas and walkways	Part 7.3	Report in each annual report
PART 5.0 Program Evaluation, Record Keeping and Reporting		
Evaluate compliance with the terms and conditions of this permit and maintain the annual evaluation documentation as	Part 5.1.1	Annually

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part of the SWMP		
Keep all records required by this permit	Part 5.2.1	At least five (5) years
Submit an annual report	Part 5.3.1	Reporting period will be from July 1 to June 30; Annual report due August 1

† If an MS4 is designated under 40 CFR 122.32(a)(2) or (b), the NOI must be submitted within 180 days of notice unless granted a longer period of time by EPA.