



Commonwealth of Massachusetts
Executive Office of Energy & Environmental Affairs

Department of Environmental Protection

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Charles D. Baker
Governor

Karyn E. Polito
Lieutenant Governor

Kathleen A. Theoharides
Secretary

Martin Suuberg
Commissioner

Annual MS4 Requirements

- Annual opportunity for public participation in review and implementation of SWMP
- Annual report submitted and available to the public
- Keep records relating to the permit available for 5 years and make available to the public
- Continue public education and outreach program
- Implement IDDE program
- Annual training to employees involved in IDDE program
- Update inventory of all known locations where SSOs discharged to the MS4 in the last 5 years
- Inspect and maintain stormwater treatment structures
- Update outfall and interconnection inventory and priority ranking and include data collected in connection with the dry weather screening and other relevant inspections conducted
- Log catch basins cleaned or inspected
- Sweep all uncurbed streets at least annually
- Properly store and dispose of catch basin cleanings and street sweepings so they do not discharge to receiving waters
- Review site plans of construction sites as part of the construction stormwater runoff control
- Conduct site inspection of construction sites as necessary
- Continue investigations of catchments associated with Problem Outfalls
- Review inventory of all permittee owned facilities in the categories of parks and open space, buildings and facilities, and vehicles and equipment; update if necessary
- Review O&M programs for all permittee owned facilities; update if necessary
- Implement all maintenance procedures for permittee owned facilities in accordance with O&M programs
- Implement program for MS4 infrastructure maintenance to reduce the discharge of pollutants
- Enclose all road salt storage piles or facilities and implemented winter road maintenance procedures to minimize the use of road salt
- Review as-built drawings for new and redevelopment to ensure compliance with post construction bylaws, regulations, or regulatory mechanism consistent with permit requirements

This information is available in alternate format. Contact Michelle Waters-Ekanem, Director of Diversity/Civil Rights at 617-292-5751.

TTY# MassRelay Service 1-800-439-2370

MassDEP Website: www.mass.gov/dep

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- Inspect all permittee owned treatment structures (excluding catch basins)

Year 4 MS4 Requirements

- Report assessing current street design and parking lot guidelines and other local requirements that affect the creation of impervious cover as per 2.3.6.b
- Report assessing existing local regulations to determine the feasibility of making green roofs, infiltration practices, and water harvesting devices allowable as per 2.3.6.c
- Identify a minimum of 5 permittee-owned properties that could be modified or retrofitted with BMPs designed to reduce the frequency, volume, and pollutant loads of stormwater discharges as per 2.3.6.d

TMDL Requirements

Charles River Phosphorus TMDL

- Year 4: Define scope of PCP (PCP Area) Baseline Phosphorus Load and Phosphorus Reduction Requirement and Allowable Phosphorus Load (Appendix F: Pg. 4)

Lakes and Ponds Phosphorus TMDL

- Year 4: Define LPCP scope (LPCP Area) (Appendix F: Pg. 26)
- Year 4: Calculate Baseline Phosphorus, Allowable Phosphorus Load and Phosphorus Reduction Requirement (Appendix F: Pg. 26)

Bacteria and Pathogen TMDLs - In State and Out of State

- Ongoing: Supplemental Public Education on pet waste and septic systems (Appendix F: Pg. 35)
- Ongoing: Rank catchments draining to impaired waterbodies as high priority (Appendix F: Pg. 35)

Cape Cod Nitrogen and Out of State Nitrogen TMDLs

- Ongoing: Supplemental Public Education on specific topics in spring and fall (Appendix F: Pg. 48)
- Ongoing: Reduce use of fertilizers or require use of slow-release fertilizers, properly manage grass clippings and leaf litter, increase street sweeping to a minimum of two times per year (Appendix F: Pg. 48)
- Out of State TMDL: Complete a Nitrogen Source Identification Report

Assabet River Phosphorus and out of State Phosphorus TMDLs

- Ongoing: Supplemental Public Education in on specific topics in spring, summer, and fall (Appendix F: Pg. 53)
- Ongoing: Properly manage grass clippings and leaf litter, increase street sweeping to a minimum of two times per year (Appendix F: Pg. 53)

- Out of State TMDL: Complete a Phosphorus Source Identification Report

Out of State Metals TMDL

- Ongoing: Increased Street sweeping for areas with potential for higher pollutant loads (Appendix F: Pg. 55)

Impaired Waterbodies Requirements

Nitrogen Impaired Waterbodies

- Year 4: Complete a Nitrogen Source Identification Report (Appendix H: Pg. 3)
- Ongoing: Supplemental Public Education on pet waste and septic systems (Appendix H: Pg. 2)
- Ongoing: Reduce use of fertilizers or require use of slow-release fertilizers, properly manage grass clippings and leaf litter, increase street sweeping to a minimum of two times per year (Appendix H: Pg. 2)
- Ongoing: Track and estimate nitrogen removal from existing structural BMPs (appendix H: Pg. 3)

Phosphorous Impaired Waterbodies

- Year 4: Complete a Phosphorus Source Identification Report (Appendix H: Pg. 6)
- Ongoing: Supplemental Public Education on pet waste and septic systems (Appendix H: Pg. 5)
- Ongoing: Increased Street sweeping for areas with potential for higher pollutant loads and proper management of grass cuttings and leaf litter on permittee properties (Appendix H: Pg. 5)

Bacteria or Pathogens Impaired Waterbodies

- Ongoing: Supplemental Public Education on pet waste and septic systems (Appendix H: Pg. 8)
- Ongoing: Implement an illicit discharge program (Appendix H: Pg.8)

Chloride Impaired Waterbodies

- Some requirements depend on when the permittee's waterbody is listed as chloride impaired
- Ongoing: Develop a Salt Reduction Plan for salt reduction (Appendix H: Pg.10)
- Ongoing: Track the types and amounts of salts applied beginning in year of the completion of the Salt Reduction Plan (Appendix H: Pg.10)
- Ongoing: Conduct planned activities for salt reduction (Appendix H: Pg.10)
- Ongoing: Privately maintained facilities shall establish an ordinance, bylaw, or other regulatory mechanism requiring measures to prevent exposure of any salt stockpiles to precipitation and runoff (Appendix H: Pg.11)
- Ongoing: Privately maintained facilities shall implement Supplemental Public Education on proper storage and application rates of winter deicing material (Appendix H: Pg.11)

Solids, Oil, and Grease or Metals Impaired Waterbodies

- Ongoing: Increased Street sweeping for areas with potential for higher pollutant loads (Appendix H: Pg. 13)