

Long Creek General Permit Participating Landowners'  
Best Management Practices (BMP's)  
Operation and Maintenance Plan

**Minimum Good Housekeeping Standards**

1. Sweeping - annual thorough sweep, and appropriate disposal of collected material, following snow melt that includes both collection of large particles and use of a vacuum assisted dry sweeper to collect fines.
2. Catch basin inspection and cleaning – annual vacuum assisted removal of accumulated material and appropriate disposal. Inspection of pipe inlet BMP's, if present; maintenance, if necessary.
3. Site specific Operation and Maintenance (O & M) plans (prepared by LCWMD for all participating landowners) that include inspection, record keeping and maintenance requirements (will follow Chapter 500, Appendix B requirements, as amended from time-to-time).
4. Site inspection and reporting – annual inspection of all BMP's to ensure that they are functioning as designed or at the level that provides appropriate treatment for the Long Creek Watershed. Recordkeeping will follow Chapter 500, Appendix B, as amended from time-to-time.

All inspections of BMPs shall be carried out by a **Qualified Third-Party Inspector**. “**Qualified Third Party Inspector**” shall mean a person whose name is on the list of approved third-party inspectors maintained by the District's Executive Director, or is approved by the District's Executive Director prior to conducting the inspection(s). Qualified Third Party Inspectors shall meet the following criteria:

- A. Have a college degree in an environmental science or civil engineering, or comparable expertise,
- B. Have a practical knowledge of stormwater hydrology and stormwater management techniques, including the maintenance requirements for BMPs, and
- C. Have the ability to determine if BMPs are performing as intended.

**Targeted Sweeping Program**

1. **Permit year one:** identify all hot spot curbed roads and hot spot curbed parking surfaces. Vacuum sweep all curbed roads and high deposition curbed parking surfaces as soon as it is logistically possible after snow melt and after final leaf drop.
2. **Permit years two - five<sup>1</sup>:** Vacuum sweep all curbed roads and high deposition curbed parking surfaces a minimum of four times from April – November (more frequently based on funding and observed effectiveness).

**Operation & Maintenance Schedule - Permit Year 1: mid-December 2009 – mid-December 2010**

1. Winter/Spring 2010<sup>2</sup> – LCWMD to prepare site specific O&M plans for all participating landowners. Appropriate log forms to be provided.
2. Spring/Summer 2010 - Catch basin inspection and cleaning to include annual vacuum assisted removal of accumulated material and appropriate disposal. Inspection/maintenance of pipe inlet BMP's if present.
3. Summer 2010 – detailed inspection and report on all BMP's to ensure that they are functioning as designed or at the level that provides appropriate treatment for the Long Creek Watershed

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<sup>1</sup> This schedule may be either increased or decreased depending on the results of the monitoring and assessment program and the analysis by a Technical Committee to be appointed by the Governing Board.

<sup>2</sup> Timing will depend on when landowners sign on to the Participating Landowner Agreement.

(conditions and maintenance recommendations). BMP maintenance as required. Electronic database access for electronic logging of O & M tasks.

4. Summer 2010 – LCWMD to initiate compliance audits/educational outreach to participating landowners/property managers related to their BMP's.
5. Summer 2010 – thorough sweep with a vacuum assisted dry sweeper including appropriate disposal of collected material.
6. Fall 2010 – landscape and winter maintenance education programs for participating landowners and their property managers.

#### **Operation & Maintenance Schedule - Permit Years 2 - 5**

1. Spring – thorough sweep, and appropriate disposal of collected material, soon after snow melt that includes collection of large particles and use of a vacuum assisted dry sweeper including appropriate disposal of material. Additional sweeps as determined.
2. Spring/Summer - Catch basin inspection and cleaning to include annual vacuum assisted removal of accumulated material and appropriate disposal. Identification of hot spots, installation/maintenance of catch basin BMP's.
3. Summer – detailed inspection and report on all BMP's to insure that they are functioning as designed or at the level that provides appropriate treatment for the Long Creek Watershed (conditions and maintenance recommendations). BMP maintenance as required. Electronic database access for electronic logging of O & M tasks.
4. Summer – LCWMD to perform compliance audits for on-site BMP's.
5. Fall– landscape and winter maintenance education programs for participating landowners and their property managers.

#### **Plan Modification**

This plan represents the minimum activities for the Long Creek Watershed Management District (LCWMD). Additional activities may be conducted by individual property owners, at their discretion. The LCWMD will revise this plan if evaluation data show that efforts are not working. Revisions will be approved by the Governing Board. The amended plan will then be submitted in writing to the Maine DEP. If no response is received in writing by the Maine DEP within one month of the amended plan's submission, the LCWMD will implement the amended plan.