

## 4.6 STRUCTURAL PRACTICE MAINTENANCE

A maintenance plan developed by the design engineer and acceptable to the jurisdictional stormwater authority should be prepared prior to permit issuance.

Typical operation and maintenance activities for the stormwater structural practices include:

- Post construction inspection by the jurisdictional stormwater authority to verify that BMPs are installed as designed;
- Removal of trash and debris that accumulates in BMPs;
- Inspection of stormwater conveyance network serving the BMP and removal of debris and sediment;
- Evaluation of continuing ability for runoff to infiltrate into infiltration BMPs;
- Vegetation management;
- Inspection of vegetation and deposition of debris after significant storm events;
- Regular inspection of deposition of sediment for removal; and
- Replanting of vegetation, soil stabilization, and debris removal, as necessary.

### 4.6.1 MAINTENANCE PLAN

1. Specification of routine and non-routine maintenance activities to be performed;
2. A schedule for maintenance activities;
3. Provision for access to the tract by jurisdictional stormwater authority or other designated inspectors;
4. Name, qualifications and contact information for the party(ies) responsible for maintaining the BMP(s); and
5. The plan should be signed and dated by the party responsible for maintenance.

### 4.6.2. GENERAL GUIDELINES

Both the ability and the commitment to maintain stormwater management facilities are necessary for the proper operation of these facilities. The designer must consider the maintenance needs and the type of maintenance that will take place, in order to provide for adequate access to and within the facility site. Key design factors include:

- Maintainability;
- Accessibility;
- Durability;
- Basin de-watering; and
- Sediment disposal.

Specific maintenance guidance for each sustainable stormwater practice is included in Chapter 5.