

## **Infiltration Basin BMP Maintenance Plan**

A maintenance record will be kept on this BMP in a log in a known set location. Any deficient BMP elements noted in the inspection will be corrected, repaired or replaced immediately. These deficiencies can affect the integrity of structures, safety of the public, and the removal efficiency of the BMP.

Important maintenance procedures:

- The drainage area will be carefully managed to reduce the sediment load to the infiltration basin.
- Immediately after the infiltration basin is established, the vegetation will be watered twice weekly if needed until the plants become established (commonly six weeks).
- No portion of the infiltration basin will be fertilized after the initial fertilization that is required to establish the vegetation.
- The vegetation in and around the basin will be maintained at a height of approximately six inches.

Maintenance activities shall be performed as follows. Any problems that are found shall be repaired immediately.

| <b>Infiltration Basin Maintenance Tasks and Schedule</b> |   |
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| <b>Task</b>  | <b>Schedule</b>   |
| Remove trash and debris                                  | Monthly   |
| Check observation well for standing water                | Monthly   |
| Remove unwanted vegetation                               | Monthly   |
| Outlet/inlet inspection and cleanout                     | Monthly   |
| Bank mowing and inspection/stabilization of eroded areas | Monthly   |
| Forebay inspection and cleanout                          | Monthly-remove sediment every 7 years or when sediment volume exceeds 50% of storage volume |
| Maintain stone or mulch top surface                      | Annually  |
| Remove sediment deposits and reseed                      | As necessary  |