

## **STF Maintenance Plan Wetlands, Wetland Detention, etc.**

### ***Short-term: Year 1***

1. The wetlands (wet detention, etc.) should be monitored weekly for the first three months, and additional watering may be required to ensure the wetland plantings receive at least 1 inch of rainfall or watering. No additional watering is necessary if the soil is wet at the surface.
2. Monitor wetlands (wet detention, etc.) for growth of species not in the planting plan (invasive species). Eliminate invasive plants at the soonest possible time. Hand weeding and pruning is the preferred method for removing invasive plants. Spot applications of appropriate herbicides may also be utilized. Determination of herbicide use and application should only be completed by certified professional applicators. All manufacturers' recommendations must be followed.
3. Assure that wetlands (wet detention, etc.) or pond hydrology is maintained. If it is not possible to maintain the hydrology of the planned wetlands (wet detention, etc.), watering the plants may be necessary, or the re-establishment of plants may be necessary when the hydrology is restored.
4. Mowing no shorter than 8" should be completed prior to the maturation of weed seed, typically in late spring, mid-summer, and early fall. Do not mow in wet or muddy locations.
5. Remove sediment that has filled the sediment forebay or is inhibiting plant growth. Some plant and/or mulch maintenance will likely be necessary with sediment removal.
6. Inspect and maintain inlet and outlet structures to assure function. Remove any obstructions.
7. Complete the first annual inspection of wetlands (wet detention, etc.) condition during the fall to assess vegetation establishment. Replace dead plants if necessary.

### ***Mid- and Long-Term: Year 2 and Beyond***

During the second and succeeding years, more of the planned plant species will be more noticeable and vigorous in their growth. Monitoring of the wetlands (wet detention, etc.) during this period should be twice per year at a minimum.

8. If dead vegetation accumulates and causes ponding in new areas, removal of the dead material and any sediment may be necessary. During this time, planting new vegetation may be necessary.
9. Monitor wetlands (wet detention, etc.) for growth of invasive species. Eliminate invasive plants at the soonest possible time.