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| **Bioswale Inspection/Maintenance Requirements** | | |  |
| **Activity** | **Schedule** | **Responsible Persons** |
| During vegetation establishment, inspect erosion control blankets or mulch after rainfall events to ensure it has not significantly moved. | Fall, spring, as needed |  |
| Inspect for plant health. Replace dead plants as needed | Fall, Spring, as needed |  |
| Inspect for weeds and undesirable plants. Prune and thin out plants as needed. Remove weeds throughout the growing season by pulling and trimming. | Fall, Spring, as needed |  |
| Inspect check dams for stability of the berm and remove any excess sediment accumulated upstream of the berm. | Fall, Spring, as needed |  |
| Inspect the entrance of the bioswale to ensure it is stable and runoff is getting into the bioswale as intended. Remove any accumulated debris, trash, and sediment. | Fall, Spring, as needed |  |
| Inspect the flow channel and outlet of the bioswale for erosion or gully formation. Shape and reseed or sod as needed. | Fall, Spring, as needed |  |
| Inspect outlet of the subdrain to ensure it is unrestricted and free flowing. | Semi-Annually |  |
| Inspect the edges and surrounding area of the bioswale for erosion. Shape and reseed or sod as needed. | Semi-Annually |  |
| Inspect bioswale 24 hours after rainfall larger than 1.25” to ensure the water has drained down. | Annually |  |
| Inspect bioswale overall to ensure it has the same visual appearance as originally designed. | Annually |  |
| Inspect informational sign for excess wear or fading. | Annually |  |

**Watering Guidelines During First Year of Establishment**

During the first year of plant establishment young plants are susceptible to stress due to lack of water. Their root structures are not yet deep enough to access groundwater. If there is a measurable rainfall at least once a week throughout the growing season, extra watering shouldn’t be needed. If there are weekly rainfall events and plants still look stressed and are wilting, still follow watering guidelines.

Apply approximately ¼ inch of water throughout the bioswale during dry periods. This will be enough to provide adequate water for the plants. After the first growing year the root structures on the native plants should be deep enough to access water. If there is an extended period of drought or the plants show stress still consider watering after the first growing season.

**Other considerations**

Do not drive heavy equipment or vehicles in the bioswale. This will compact the soil layer and prevent water from infiltrating into the system, resulting in ponding of water.

I certify \_\_\_\_\_\_\_\_\_\_\_\_\_ commits to the specific work elements in this plan for the duration of 10 years from date of the practice certified as completed.

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Signature Title Date