

STORMWATER MAINTENANCE SCHEDULE

Submerged Gravel Wetland

Modified to Correspond to Carroll County Details

MONTHLY INSPECTION

Inspection Item	Inspection Requirements	Remedial Action
Debris and Trash	Check for trash and debris in facility including inlets, outlets, conveyance systems, and area around facility.	Remove all trash and debris and dispose in an acceptable manner. Unclog all openings.
Plant Composition and Health	Compare plant composition with approved plans. Check for invasive species or weeds. Check for dead or dying vegetation.	Remove invasive species and weeds. Replace dead plants in accordance with approved landscaping plan OR Reseed and Remulch per Filter Bed Mix.
Vegetative Cover	Check for channelizing, erosion, and bare spots. Check for vegetation blocking inlets, weirs, and outlet.	Remove or cut back vegetation around inlet and outlet structures. Mow side slopes and embankment when grass exceeds 12 inches in height, but do not mow filter bed (Woody vegetation is prohibited on the embankment). If using Filter Bed Mix, may mow bed twice per year. Remove grass clippings. Re-seed or re-plant in accordance with approved landscaping plans.
No. 8 Stone Layer	Check No. 8 stone for sediment accumulation and evidence of erosion.	Stabilize or replace No. 8 stone according to plan specifications.

SEASONAL INSPECTION AND AFTER A MAJOR STORM

Inspection Item	Inspection Requirements	Remedial Action
Dewatering	Check ponding levels. Surface storage must dewater within 48 hours of rainfall. Noticeable odors, stained water on the filter surface or at the outlet, or the presence of algae or aquatic vegetation are indicators of anaerobic conditions and inadequate dewatering of the facility.	Remove and replace top six inches of No. 8 stone in chimney. Confirm adequate dewatering with follow-up inspections. If the facility does not function as intended after the above action, the entire system including underdrain may need refurbishing.
Erosion	Check inlets, wetland, outlets, and side slopes for erosion, rills, gullies, and runoff channelization.	Re-grading may be required when concentrated flow causes rills or gully through the facility. Grade, vegetate, and/or armor to provide stable conveyance in accordance with approved plans.
Check Dams	Check for evidence of flow cutting around edges of structure and evidence of erosion at the odownstream toe.	Re-grade and repair with topsoil, seed, and matting. Provide stone at downstream toe.
Sediment Accumulation	Check for accumulated sediment in forebay. Check for accumulated sediment in No. 8 chimneys and wetland area. Check for clogged openings	When sediment in forebay accumulates to 6 inches depth, clean out sediment. When sediment in No. 8 chimney or wetland area accumulates to 1 inch in depth, remove sediment. Remove sediment from clogged openings. Discharge any sediment-laden water through a filter bag or other dewatering device. Dispose of all sediment in an acceptable location
Blockages	Check overflow inlet (riser), piping, and underdrain for blockages. Check observation wells for water level	Clear out any blockages.

ANNUAL INSPECTION

Inspection Item	Inspection Requirements	Remedial Action
Structural Components	Check for evidence of structural deterioration, spalling, or cracking. Inlet and outlet structures as well as riprap outfalls must be in good condition.	Repair to good condition according to specifications on the approved plans.
Overall Function of Facility	Check that practice is functioning as designed.	Repair to good condition according to specifications on the approved plans.

Modifications By: Martin B Covington, III, P.E.
Carroll County Stormwater Management Program Engineer

20-Dec-22