



Submit report to:
City of Lynchburg
525 Taylor Street
Lynchburg, Virginia 24501
Attn: Stormwater Compliance Inspector
434-455-4250

**WET SWALES: O&M CHECKLIST – Virginia Stormwater Management Handbook
Chapter 9-C.12.0.
Due Every April 1**

Inspection Date _____
Project _____ Site Plan/Permit Number _____
Location _____ Date BMP Placed in Service _____
Date of Last Inspection _____ Inspector _____
Owner/Owner's Representative _____
As-Built Plans available: Y / N

Facility Type: Level 1 _____ Level 2 _____

Facility Location:

- G Surface
- G Underground

Filtration Media:

- No filtration (e.g., dry well, permeable pavement, infiltration facility, etc.)
- Sand
- Bioretention Soil
- Peat
- Other: _____

Hydraulic Configuration:

- On-line facility
- Off-line facility

Type of Pre-Treatment Facility:

- Sediment forebay (above ground)
- Sedimentation chamber
- Plunge pool
- Stone diaphragm
- Grass filter strip
- Grass channel
- Other: _____

Wet Swales have maintenance needs similar to Dry Swales, although woody wetland vegetation may need to be removed periodically.

Element of BMP	Potential Problem	Y / N	How to Fix Problem	Who Will Address Problem	Comments
Contributing Drainage Area	There is excessive trash and debris		Remove immediately	Owner or professional	
	There is evidence of erosion and / or bare or exposed soil		Stabilize immediately	Owner or professional	
	There are excessive landscape waste or yard clippings		Remove immediately and recycle or compost	Owner or professional	
Pre-Treatment	There is adequate access to the pre-treatment facility		Establish adequate access	Professional	
	There is excessive trash, debris, or sediment.		Remove immediately	Owner or professional	
	There is evidence of erosion and / or exposed soil		Stabilize immediately	Owner or professional	
	There is evidence of clogging (standing water, noticeable odors, water stains, algae or floating aquatic vegetation)		Identify and eliminate the source of the problem. If necessary, remove and clean or replace the clogged material.	Professional	
	There is dead vegetation.		Replace dead vegetation as necessary	Professional	
Inlets	The inlet provides a stable conveyance into the swale		Stabilize immediately, as needed, and clear blockages.	Owner or professional	
	There is excessive trash, debris, or sediment.		Remove immediately	Owner or professional	
	There is evidence of erosion at or around the inlet		Repair erosion damage and reseed	Owner or professional	
Check Dams	A check dam is not functioning properly.		Check upstream and downstream sides of check dams for evidence of undercutting, side cutting or erosion and repair immediately.	Professional	
	There is a large accumulation of sediment or trash/debris behind the check dam.		Remove sediment when the accumulation exceeds 25% of the original Tv. Remove trash/debris and clear blockages of weep holes.	Professional	
Vegetation (monthly)	Plant composition is consistent with the approved plans		Replace inconsistent species	Professional	
	Invasive species (e.g., phragmites) are present.		Remove invasive species immediately and replace vegetation as needed.	Professional	
	Vegetation is dead or dying		Replace dead vegetation as needed.	Professional	
Outlet	Outlets are obstructed or erosion and soil exposure is evident below the outlet.		Remove obstructions and stabilize eroded or exposed areas.	Owner or Professional	
	There is excessive trash, debris, or sediment at the outlet		Remove immediately, and keep the contributing area free of trash and debris.	Owner or professional	

Element of BMP	Potential Problem	Y / N	How to Fix Problem	Who Will Address Problem	Comments
Overall	Access to the Infiltration facility or its components is adequate.		Establish adequate access. Remove woody vegetation and debris that may block access. Ensure that hardware can be opened and operated.	Professional	
	Mosquito proliferation		Eliminate stagnant pools if feasible, and treat for mosquitoes as needed. If sprays are considered, then a mosquito larvicide, such as Bacillus thurendensis or Altoside formulations can be applied <i>only if absolutely necessary</i> .	Owner or professional	
	Complaints from local residents		Correct real problems.	Owner or professional	
	Encroachment on the swale or easement by buildings or other structures		Inform involved property owners of BMPs status ; clearly mark the boundaries of the receiving pervious area, as needed	Owner or professional	