



# DINWIDDIE COUNTY

PLANNING, ZONING, CODE COMPLIANCE AND ENVIRONMENTAL

## DRY SWALES MAINTENANCE INSPECTION REPORT

1. A licensed professional engineer must conduct all inspections utilizing the approved construction plans, As-Builts, and recorded Stormwater Maintenance Agreement located at the Dinwiddie County Courthouse.
2. All items must be inspected and any discrepancies and necessary repairs must be noted along with an estimate cost of repairs.
3. Upon completion of the inspection, one (1) copy, indicating estimated completion date and cost of noted discrepancies and repairs, is to be forwarded by the inspection firm to the: **County of Dinwiddie, Planning & Zoning Department, Attn: Environmental Administrator, P.O. Drawer 70 Dinwiddie, VA 23841.** The original form must be forwarded to the owner of the facility. **This form is to be typed or in black/blue ink only. No color ink or pencil will be accepted.**
4. The facility owner's representative must indicate on the original form the actual completion date and actual cost of acquired repairs, after which the facility owner must sign and return one (1) copy of the form to the: **County of Dinwiddie, Planning and Zoning Department, Attn: Environmental Administrator, P.O. Drawer 70 Dinwiddie, VA. 23841.**

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### PROJECT INFORMATION:

Name of Project: \_\_\_\_\_

Location of Project: \_\_\_\_\_

Owner of Facility: \_\_\_\_\_ Inspection Date: \_\_\_\_\_

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#### **Facility Type:**

**Level 1**

**Level 2**

#### **Facility Location:**

**Surface**

**Underground**

#### **Hydraulic Configuration:**

**On-line facility**

**Off-line facility**

#### **Filtration Media:**

**No filtration (e.g. dry well, permeable pavement, infiltration facility, etc.)**

**Sand**

**Bioretention Soil**

**Peat**

**Other**

#### **Type of Pre-Treatment Facility:**

**Sediment forebay (above ground)**

**Sedimentation chamber**

**Plunge pool**

**Stone diaphragm**

**Grass filter strip**

**Grass channel**

**Other**

**CONTRIBUTING DRAINAGE AREA:**

	<b>YES</b>	<b>NO</b>
There is excessive trash and debris.		
There is evidence of erosion and/or bare or exposed soil.		
There is excessive landscape waste and yard clippings.		

**PRE-TREATMENT AND FLOW SPREADERS:**

	<b>YES</b>	<b>NO</b>
There is adequate access to the pre-treatment facility.		
There is excessive trash, debris, or sediment.		
There is evidence of erosion and/or exposed soil		
There is evidence of clogging (standing water, noticeable odors, water stains, algae or floating aquatic vegetation).		
There is dead vegetation or exposed soil in the grass filter.		
The pea gravel diaphragm is at the correct level.		

**INLET AND SWALE SIDES AND BASE:**

	<b>YES</b>	<b>NO</b>
The inlet provides a stable conveyance into the swale		
There is excessive trash/debris/sediment.		
There is evidence of erosion at or around the inlet		

**CHECK DAMS:**

	<b>YES</b>	<b>NO</b>
A check dam is not functioning properly.		
There is a large accumulation of sediment or trash/debris behind the check dam.		

**VEGETATION:**

	<b>YES</b>	<b>NO</b>
Invasive species or weeds make up at least 10% of the facility's vegetation		
Trees form an overhead canopy that may drop leaf litter, fruit and other vegetative materials that may cause clogging.		
Grass height is not consistent with standards.		
The grass cover is not dense enough or is dead or dying		

**FILTER MEDIA / SOIL:**

	<b>YES</b>	<b>NO</b>
There is evidence that chemicals, fertilizers, and/or oil are present.		
There is excessive trash, debris, or sediment.		
There is evidence of erosion and / or exposed soil.		

**UNDERDRAIN:**

	<b>YES</b>	<b>NO</b>
The perforated pipe is not conveying water as designed.		
The underlying soil interface is clogged (there is evidence on the surface of soil crusting, standing water, the facility does not dewater between storms, or water ponds on the surface of basin for more than 48 hours after an event).		

**OUTLET:**

	<b>YES</b>	<b>NO</b>
Outlets are obstructed or erosion and soil exposure is evident below the outlet.		
There is excessive trash, debris, or sediment at the outlet.		

**OVERALL:**

	<b>YES</b>	<b>NO</b>
Access to the Infiltration facility or its components is adequate.		
Mosquito proliferation.		
Encroachment on the bioretention area or easement by buildings or other structures.		

