



# TOWN OF WARRENTON

Stormwater Management

PO BOX 341  
 WARRENTON, VIRGINIA 20188  
<http://www.warrentonva.gov>  
 TELEPHONE: (540) 347-1101

## Annual Stormwater Management Facility Operation & Maintenance Inspection for **RAINWATER HARVESTING**

### Owner Information:

Name:			
Phone Number:		Email:	

### Facility Information: (One form per facility)

Address:		BMP Location: (i.e. Front of house)	
Facility Description:		Case Number:	

### Inspection:

Inspector's Name:		Date of Inspection:	
Maintenance Performed:		Date all Maintenance Completed:	
Has it rained in the last 48 hours?		Estimated Amount of Rain in inches:	

Inspection Tasks*		Inspection Results	Maintenance Needed?	Date Maintenance Completed
1.	Are gutters and downspouts free of leaves and other debris?			
2.	Has the tank lid been inspected and cleaned?			
3.	Have pre-screening and first flush diverters been inspected and cleaned?			
4.	Is overflow pipe in good condition?			
5.	Has the tank been inspected for sediment buildup?			
6.	Has vegetation overhanging the roof been pruned?			
7.	Is the backflow preventer functioning properly?			
8.	Has the structural integrity of all system components been inspected?			

Notes (includes description of maintenance completed)

\*See back for description

Inspector's Signature: \_\_\_\_\_

Inspector's Phone Number: \_\_\_\_\_

Email: \_\_\_\_\_

**\*\*\*\*ONE FORM PER FACILITY\*\*\*\***

**Owner Information** should be filled in with the contact information of the owner/HOA of the facility.

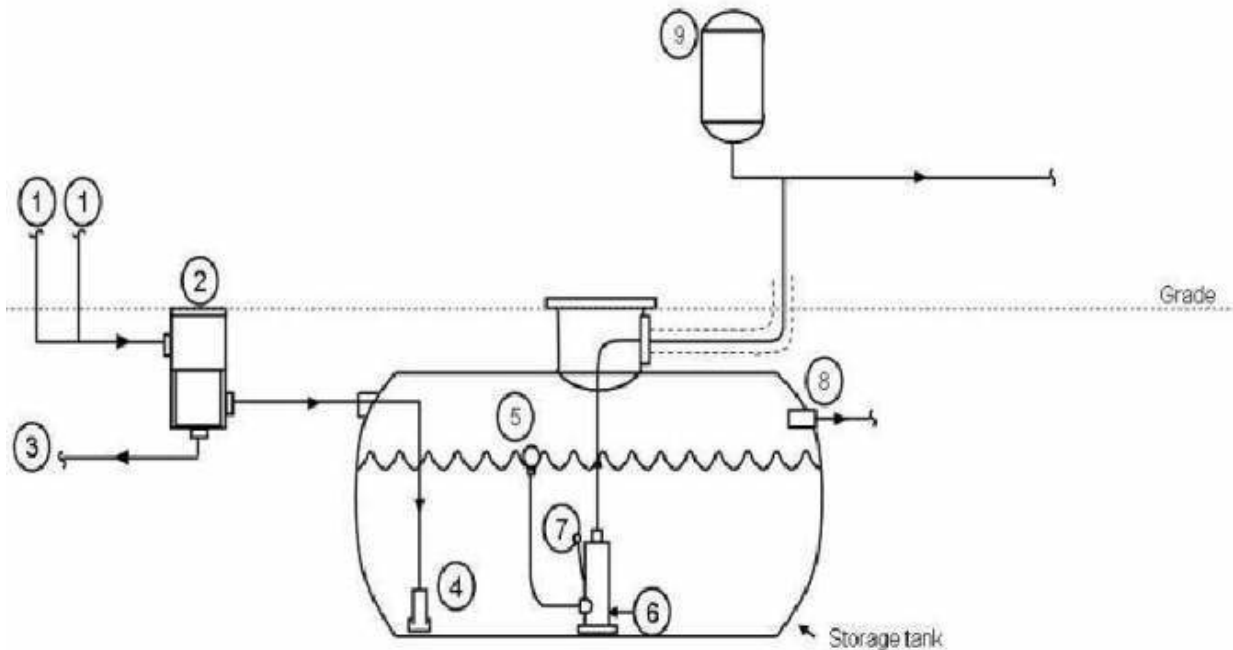
**Facility Information** can be obtained from the letter.

**Inspection Information** should be completed by the individual completing the inspection. **A professional (engineer, landscape inspection, architect, surveyor, etc.), or someone who has had appropriate training, must perform inspections.**

The **Inspection Tasks** table needs to be completed by the person inspecting each component. Components are shown on the detail below. Any maintenance completed should be described in the **Notes** section.

**Rainwater harvesting tank**

- **Inflow Points** include gutters, roof drains and downspouts
- **Outfall Point** is the overflow pipe



- |   |   |
|---|---|
| ① Rainwater collection point (roof drains, gutters, etc)  | ⑤ Floating stainless steel suction filter |
| ② Rainwater enters the vortex filter and is processed. (Possible 90% diverted to storage tank)                                | ⑥ Submersible feed pump                   |
| ③ Remaining water from vortex filter to overflow  | ⑦ Low water cut off float switch          |
| ④ Smoothing inlet – stainless steel "flow-calming" device to eliminate turbulence of the incoming water as it enters the tank | ⑧ Overflow                                |
|   | ⑨ Pressure tank                           |

**RAINWATER HARVESTING SYSTEM DETAIL**

NOT TO SCALE

**Photos:** Attach a minimum of two (2) date stamped photos of the facility to this inspection report. One photo should show the overall location of the facility and the other should be a close up of the facility. Please include photos of any deficiencies or corrective measures.

**When the form is complete** submit the form and photos to: [dhermoso@warrentonva.gov](mailto:dhermoso@warrentonva.gov) with the address and Case ID in the subject line.