

**INFILTRATION TRENCH OPERATION AND MAINTENANCE  
AGREEMENT**

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

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

SCM as Identified on Approved Plans: \_\_\_\_\_

PIN Number: \_\_\_\_\_

Mail after recording to: City of Burlington  
Water Resources  
P.O. Box 1358  
Burlington, NC 27216

NORTH CAROLINA

ALAMANCE COUNTY

This STORMWATER OPERATION AND MAINTENANCE AGREEMENT,

made this day \_\_\_\_\_ of \_\_\_\_\_, 20 \_\_\_\_\_ by

\_\_\_\_\_ whose principal address is

\_\_\_\_\_ with, to, and for the

benefit of the City of Burlington, a municipal corporation of the State of North Carolina, whose address is P.O. Box 1358, Burlington, North Carolina 27216.

## Infiltration Trench Operation and Maintenance Agreement

I will keep a maintenance record on this Stormwater Control Measure (SCM). This maintenance record will be kept in a log in a known set location. Any deficient SCM elements noted in the inspection will be corrected, repaired or replaced immediately. These deficiencies can affect the integrity of structures, safety of the public, and the removal efficiency of the SCM.

Important maintenance procedures:

- The drainage area of the infiltration trench will be carefully managed to reduce the sediment load to the sand filter.

The water level in the monitoring wells will be recorded once a month and after every storm event greater than 1.0 inches

The infiltration trench will be inspected **once a quarter and within 24 hours after every storm event greater than 1.0 inches**. Records of operation and maintenance will be kept in a known set location and will be available upon request. **Annually, by May 31, an inspection shall be completed by a qualified professional and submitted to the City of Burlington.**

Inspection activities shall be performed as follows. Any problems that are found shall be repaired immediately.

SCM element:	Potential problem:	How I will remediate the problem:
<b>The entire SCM</b>	Trash/debris is present.	Remove the trash/debris.
<b>The grass filter strip or other pretreatment area</b>	Areas of bare soil and/or erosive gullies have formed.	Regrade the soil if necessary to remove the gully, and then plant a ground cover and water until it is established. Provide lime and a one-time fertilizer application.
	Sediment has accumulated to a depth of greater than six inches.	Search for the source of the sediment and remedy the problem if possible. Remove the sediment and dispose of it in a location where it will not cause impacts to streams or the SCM.
<b>The flow diversion structure (if applicable)</b>	The structure is clogged.	Unclog the conveyance and dispose of any sediment off-site.
	The structure is damaged.	Make any necessary repairs or replace if damage is too large for repair.

<b>SCM element:</b>	<b>Potential problem:</b>	<b>How I will remediate the problem:</b>
<b>The trench</b>	Water is ponding on the surface for more than 24 hours after a storm.	Remove the accumulated sediment from the infiltration system and dispose in a location that will not impact a stream or the SCM.
	The depth in the trench is reduced to 75% of the original design depth.	Remove the accumulated sediment from the infiltration system and dispose in a location that will not impact a stream or the SCM.
	Grass or other plants are growing on the surface of the trench.	Remove the plants, preferably by hand. If herbicide is used, wipe it on the plants rather than spraying.
<b>The observation well(s)</b>	The water table is within one foot of the bottom of the system for a period of three consecutive months.	Contact the City of Burlington Water Resources Stormwater Division at 336-222-5140
	The outflow pipe is clogged.	Provide additional erosion protection such as reinforced turf matting or riprap if needed to prevent future erosion problems.
	The outflow pipe is damaged.	Repair or replace the pipe.
<b>The emergency overflow berm</b>	Erosion or other signs of damage have occurred at the outlet.	The emergency overflow berm will be repaired or replaced if beyond repair.
<b>The receiving water</b>	Erosion or other signs of damage have occurred at the outlet.	Contact the City of Burlington Water Resources Stormwater Division at 336-222-5140.

I acknowledge and agree by my signature below that I am responsible for the performance of the maintenance procedures listed above. I agree to notify the City of Burlington of any problems with the system or prior to any changes to the system or responsible party.

This Agreement shall be binding upon the undersigned and its successors and assigns and all current and future owners thereof, and their respective heirs, successors and assigns, in perpetuity, and shall be appurtenant to, run with, and burden the parcels of land referred to herein.

*Project name:* \_\_\_\_\_

*SCM as Identified on Approved Plans:* \_\_\_\_\_

Print name: \_\_\_\_\_

Title: \_\_\_\_\_

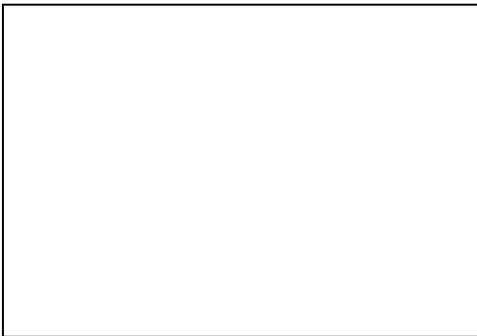
Address: \_\_\_\_\_

Phone: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

I, \_\_\_\_\_, a Notary Public for the State of \_\_\_\_\_, County of \_\_\_\_\_, do hereby certify that \_\_\_\_\_ personally appeared before me this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, and acknowledge the due execution of the forgoing infiltration trench maintenance requirements. Witness my hand and official seal,



SEAL

My commission expires \_\_\_\_\_