



Guilford County
Planning and Development
Stormwater & Watershed

Infiltration Trench Operation and Maintenance Agreement

Cross Reference to
Plat Book: _____ Page: _____
Deed Book: _____ Page: _____

Project Name: _____

SCM ID: _____

Property Owner: _____

Date: _____

Return To

Name: _____

Address: _____

Project:
Date:



Guilford County
Planning and Development
Stormwater & Watershed

Infiltration Trench Operation and Maintenance Agreement

Cross Reference to

Plat Book: _____ Page: _____
Deed Book: _____ Page: _____

I will keep a maintenance record on this 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 inch. Records of operation and maintenance should be kept in a known set location and will be available upon request.

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

The owner (or owners' association when applicable) responsible for maintenance of the SCM shall retain a qualified professional to perform annual inspections of the SCM. Annual inspection reports prepared by the qualified professional shall be provided to the owner and Guilford County Watershed Section for record file with notification of additional maintenance or repair required.

SCM Element	Potential Problem	How to remediate the problem
Entire SCM	Trash/debris are present	Remove the trash/debris
Grass filter strip or other pretreatment area	Areas of bare soil and/or erosive gullies have formed	Regrade the soil if necessary to remove the gully, and then plant a groundcover and water until it is established. Provide a one-time lime and fertilizer application
	Sediment has accumulated to a depth greater than six inches	Search for the source of the sediment and remedy the problem if possible. Remove the sediment and dispose of it properly, off site.
Flow diversion structure	The structure is clogged	Unclog the conveyance and dispose of debris/sediment properly, off site
	The structure is damaged	Make any necessary repairs or replace if damage is too large for repair
The Trench	Water is ponding on the surface for more than 24 hours after a storm	Remove the accumulated sediment from the infiltration system and dispose of it properly

Project:
Date:



	The depth in the trench is reduced to 75% of the original design depth	Remove the accumulated sediment from the infiltration system and dispose of it properly
	Grass or other plants are growing on the surface of the trench	Remove the plants, preferably by hand. If pesticide is used, you must wipe it on the plants instead of spraying.
The observation wells	The water table is within one foot of the bottom of the system for a period of three consecutive months	Contact Guilford County Stormwater at 336-641-5565.
	The outflow pipe is clogged	Unclog the pipe, find the source of the clog and repair it if possible, provide additional erosion protection to prevent future erosion issues and clogging.
	The outflow pipe is damaged	Repair or replace the pipe
The emergency outflow berm	Erosion or other signs of damage have occurred at the outlet	Repair or replace the emergency outflow berm
The receiving water	Erosion or signs of damage have occurred at the outlet	Contact Guilford County Stormwater at 336-641-5565.

Project:
Date:



Guilford County
Planning and Development
Stormwater & Watershed

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 Guilford County Planning and Development Department, Stormwater & Watershed Section of any problems with the system or prior to any changes to the system or responsible party.

Project Name: _____

SCM ID: _____

Property Owner: _____

Authorized Signer
for Property Owner
(Print Name & Title): _____

Address: _____

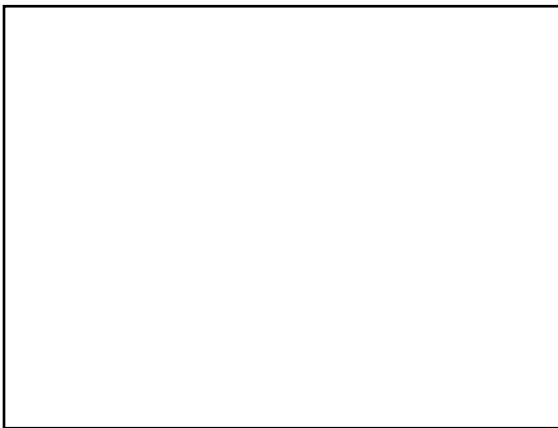
Phone: _____

Signature: _____

Date: _____

Note: the legally responsible party should not be a Homeowners Association unless more than 50% of the lots have been sold and a resident of the subdivision has been named president.

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 wet detention basin maintenance requirements. Witness my hand and official seal,



SEAL

My commission expires: _____