



Stormwater Control Measure (SCM) As-Built Supplement

SAND FILTER

For each SCM, an As-Built Supplement must be submitted with the required SCM As-Built drawing(s) and SCM construction photographs. Each line item must be completed accurately (with related notes as necessary) in order to receive final Town approval for the SCM.

PROJECT INFORMATION

Project Name: _____

Phase (if applicable): _____ As-built date: _____

SCM Location: _____

PROFESSIONAL ENGINEER CERTIFICATION

Certifying PE: _____ Cert. #: _____

E-mail: _____ Phone #: _____

PE Signature: _____ SEAL: _____

As a duly registered PE in the State of North Carolina, I do hereby certify that the required SCM for this project has been constructed in accordance with approved construction drawings. This statement is based on review of the As-Built drawings, completion of this supplement, and having made periodic inspections during construction of the SCM.

CODE KEY		
C = Complete	NC = Not Complete	N/A = Not Applicable
<i>For any item marked "NC" or "N/A," please explain why in the Notes section on Page 2.</i>		

DESIGN/AS-BUILT INFORMATION

General

An AutoCAD file of the SCM as-built drawing has been uploaded to IDT as part of this As-Built submittal.

Photographs of all phases of SCM construction have been included with this As-Built submittal.

All unnecessary erosion control measures have been removed from the SCM area.

The SCM is located within a recorded SCM Maintenance & Access easement which ties to a public ROW.

O&M agreements have been executed and E-recorded with Town of Apex Development Services.

C	NC	N/A

Book #: _____ Page #: _____

Treatment Area

A sediment chamber has been installed in accordance with approved construction drawings.

The SHWT is at least 2' below the sand filter system for open designs and at least 1' below closed designs.

The ponding depth from the top of the sand bed to the bypass device is 6' or less.

The sand media has met the specifications outlined in ASTM C33.

Flows in excess of the design volume have a means to bypass the sand filter.

At least one clean-out pipe has been provided at the low point of each underdrain line.

C	NC	N/A

Water quality volume	Required:		Design:		As-Built:	
Filter bed media depth (total)	Required:		Design:		As-Built:	
Filter bed media depth (above underdrain pipe)	Required:		Design:		As-Built:	
Top of sand filter / grate elevation	Required:		Design:		As-Built:	
Surface area of the sediment chamber	Required:		Design:		As-Built:	
Weir / orifice elevation (between chambers)	Required:		Design:		As-Built:	
Weir elevation (overflow / bypass)	Required:		Design:		As-Built:	
Surface area of the sand filter bed	Required:		Design:		As-Built:	
Outlet pipe diameter	Required:		Design:		As-Built:	

NOTES

DISCLAIMER

Please note that if As-Built information deviates significantly from design information, Town staff reserves the right to require a new stormwater analysis. The stormwater analysis must be based on As-Built conditions and must confirm that the stormwater requirements outlined in UDO Section 6.1 are being adequately met.