



# Stormwater Control Measure (SCM) As-Built Supplement

## STORMWATER WETLAND

*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 3.</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 and no portion of the SCM encroaches into any public easement.
- All retaining walls subject to permitting have been approved by Town of Apex Building Inspections.
- O&M agreements have been executed and E-recorded with Town of Apex Development Services.

C	NC	N/A

Book #: \_\_\_\_\_ Page #: \_\_\_\_\_

**Treatment Area**

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A forebay(s) has been installed per approved construction drawings.

Accumulated sediment and debris in the forebay(s) and treatment area has been removed.

Side slopes have been graded to 3:1 (or in accordance with approved construction drawings) and permanent groundcover (sod) has been established.

All required plantings have been established in accordance with approved construction drawings (or a bond has been posted if the plantings will be installed at a later date).

An invoice for all required plantings has been included with this As-Built submittal (unless bonded).

No cattails are present in the wetland.

C	NC	N/A

<b>Permanent pool elevation</b>	Required:		Design:		As-Built:	
<b>Water quality volume</b>	Required:		Design:		As-Built:	
<b>Temporary ponding depth</b>	Required:		Design:		As-Built:	
<b>Surface area (at temporary pool)</b>	Required:		Design:		As-Built:	
<b>Top of forebay elevation</b>	Required:		Design:		As-Built:	
<b>Forebay surface area</b>	Required:		Design:		As-Built:	
<b>Shallow land zone elevation</b>	Required:		Design:		As-Built:	
<b>Shallow water surface elevation</b>	Required:		Design:		As-Built:	
<b>Shallow water surface area</b>	Required:		Design:		As-Built:	
<b>Deep pool surface elevation</b>	Required:		Design:		As-Built:	
<b>Deep pool surface area</b>	Required:		Design:		As-Built:	

**Embankment**

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The dam is completely free of trees and other woody vegetation.

Dam specifications (fill material, compaction, etc.) have been met in accordance with approved construction drawings.

The dam width is a minimum of 10' for maintenance access.

Permanent groundcover (sod) has been established on the top and all slopes of the dam.

C	NC	N/A

Elevation of top of dam	Required:		Design:		As-Built:	
Elevation of emergency spillway	Required:		Design:		As-Built:	
Freeboard provided (1' minimum )	Required:		Design:		As-Built:	

**Riser Structure**

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Based on rod probings (especially over and around the outlet pipe) the dam has been well compacted.

Anti-seep collars are installed in accordance with approved construction drawings.

A trash rack has been provided and is appropriately bolted to the riser structure.

Anti-flotation ballast has been provided in accordance with approved construction drawings.

C	NC	N/A

Elevation of drawdown orifice	Required:		Design:		As-Built:	
Elevation of additional weir (if applicable)	Required:		Design:		As-Built:	
Elevation of additional weir (if applicable)	Required:		Design:		As-Built:	
Top of riser elevation	Required:		Design:		As-Built:	
Slope of riser outlet pipe	Required:		Design:		As-Built:	

**Outfall Area**

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Rip rap outlet protection has been provided in accordance with approved construction drawings.

The outfall area is stable and all accumulated sediment, trash, and debris has been removed.

C	NC	N/A

**NOTES**

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**DISCLAIMER**

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*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 met.*