



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

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.

Based on rod probings at multiple points around the SCM interior perimeter, all side slopes have been sufficiently compacted.

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

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

Embankment

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.

Based on rod probings at multiple points along the dam and back of dam, sufficient compaction has been achieved.

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

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

A trash rack has been provided and is appropriately secured 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

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

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 met.