



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.
- All retaining walls subject to permitting have been approved by Town of Apex Building Inspections.
- All required landscaping has been established in accordance with approved construction drawings and an invoice for these required plantings is included with this As-Built submittal.
- O&M agreements have been executed and E-recorded with Town of Apex Development Services.

C	NC	N/A

Book #: _____ Page #: _____

Treatment Area

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

Appropriate rip rap inlet protection has been provided to the permanent pool elevation.

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

Non-forebay deep pools have been installed per approved construction drawings.

The shallow water zone has been installed per approved construction drawings.

No cattails are present in the wetland.

Side slopes have been graded to 3:1 (or in accordance with approved construction plans) and are provided with adequate cover.

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.

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

Adequate cover (non-clumping turf grass) 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

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

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 adequately met.