



SCMA – Stormwater Control Measure As-Built Submittal Checklist

Project Name _____

SW Permit Number _____

Applicant:

Name: _____
Address: _____
Phone: _____
Email: _____

Engineer:

Name: _____
Address: _____
Phone: _____
Email: _____

Stormwater Control Measure As-Built Package Requirements		
shows what information needs to be provided and what issues need to be addressed when preparing an as-built plan. Applicant shall select all applicable items below and provide with the submittal. See Wake County SCM As-Built Certification webpage for additional information.		
<input type="checkbox"/>	1.	Provide a copy of the Wake County Environmental Consultant Inspection Report confirming the conversion or installation of SCM(s) and permanent vegetation stabilization
<input type="checkbox"/>	2.	As-built, field-verified plans must be signed and sealed by a registered Professional Engineer and a Registered Land Surveyor, both licensed to practice in the State of North Carolina
<input type="checkbox"/>	3.	Provide completed Stormwater As-Built Field Checklist with detailed photos of each device
<input type="checkbox"/>	4.	Contours, elevations, grades, locations, drainage and hydraulic structures, and detention basin volumes
<input type="checkbox"/>	5.	Vicinity map on plan sheet. The as-built plans should clearly show the locations and name of each SCM.
<input type="checkbox"/>	6.	Profile along the centerline of the embankment.
<input type="checkbox"/>	7.	Profiles and/or cross sections of the stormwater management facilities with associated details.
<input type="checkbox"/>	8.	Elevations of the permanent pool, "water quality", 1-, 10-, and 100-year storms as appropriate.
<input type="checkbox"/>	9.	Provide the bottom elevation and slope to ensure proper drainage
<input type="checkbox"/>	10.	Profile along the centerline of the principal spillway/outfall pipe extending below the protected outfall or to the downstream manhole structure
<input type="checkbox"/>	11.	As-Built topography and/or dimensions of the stormwater management facility with computations to verify conformance with the approved plan.
<input type="checkbox"/>	12.	Establishment of a benchmark on the riser/control structure or inlet headwall to the nearest 0.1-foot.
<input type="checkbox"/>	13.	Profile along the centerline of the emergency spillway.
<input type="checkbox"/>	14.	Design and As-Built stage-storage table on the plan view sheet.
<input type="checkbox"/>	15.	Storage deviation verification (i.e., TR-20 computer run to show adequate storage if the available storage does not agree with the original design storage).
<input type="checkbox"/>	16.	The dimensions and type of material for the riser/control structure.
<input type="checkbox"/>	17.	The diameter, length, and type of material for the principal spillway, under drains, and observation/cleanout wells.



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<input type="checkbox"/>	18.	The size, location, and type of trash rack device(s).
<input type="checkbox"/>	19.	The number, size and location of the anti-seep collars, precast collars, and cradles as appropriate.
<input type="checkbox"/>	20.	Invert, size and length of any low stage orifices and high stage weir crests.
<input type="checkbox"/>	21.	Flow splitter diversion pipe/weir invert, size, and location.
<input type="checkbox"/>	22.	Incoming and outgoing storm drain sizes, inverts, and outfall dimensions.
<input type="checkbox"/>	23.	Thickness and type of coarse/fine aggregates and planting soil.
<input type="checkbox"/>	24.	Filter fabric/geotextile type and location.
<input type="checkbox"/>	25.	Landscape/wetland plantings number and location. Include landscape plan with as-built plan set.
<input type="checkbox"/>	26.	Certification statement and seal by a Professional Engineer indicating, "This record drawing is accurate and complete, the stormwater management facilities are constructed per the approved stormwater management plan or subsequent approved revisions, and stormwater management is provided per the approved design computations".
<input type="checkbox"/>	27.	Provide copies of recorded easements, covenants, and any other legal agreements (as applicable)
<input type="checkbox"/>	28.	Verify that the stormwater management facility was constructed within the recorded easement area.
<input type="checkbox"/>	29.	Verify stormwater conveyances have been installed as designed and stabilized with permanent vegetation.
<input type="checkbox"/>	30.	Provide copy of recorded stormwater agreement
<input type="checkbox"/>	31.	Provide copy of recorded maintenance agreement
<p>Standards and Requirements Note acknowledgement of relevant standards to be applied to the proposed development by selecting a "X. Unless otherwise noted, all references shown in brackets are for the Wake County Unified Development Ordinance (UDO), adopted 04/17/06.</p>		
<p>Wake County UDO Article 9 Part 3 - Stormwater Management, Completion of Maintenance Improvements</p>		
<input type="checkbox"/>	32.	9-30 Party Responsible for Completion of Improvements: <i>The developer is responsible for completing all stormwater improvements of this article and other applicable ordinances and laws.</i>
<input type="checkbox"/>	33.	9-31 Assurance that Improvements will be Completed
	<input type="checkbox"/>	<p>a. 9-31-1 Performance Guarantee – <i>The county may not approve a record plat, or in the case of single-lot development not requiring a record plat may not issue a building permit, until those stormwater improvements required of the developer have been completed or a performance guarantee has been provided.</i></p>
	<input type="checkbox"/>	<p>b. 9-31-2 As-Built Plans – <i>Upon completion of required improvements, the developer or the developer's representative must submit as-built plans of required stormwater improvements to the Wake County Department of Environmental Services. These plans must indicate whether stormwater improvements were constructed in accordance with the county approved stormwater plan.</i></p>



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<input type="checkbox"/>	34.	9-32 Maintenance Required – All stormwater improvements must be maintained so they will continue to serve their intended functions.	
<input type="checkbox"/>	35.	9-32-2 Parties Responsible for Maintenance of Improvements	
	<input type="checkbox"/>	a.	The developer must maintain stormwater improvements until accepted by a property owners association or lot owner. The developer must disclose which party will be responsible for continued maintenance on the record plat.
	<input type="checkbox"/>	b.	Before improvements are accepted for maintenance by the property owners association or lot owner, the developer must certify to the property owners association or lot owner and the county that improvements are complete and functioning as designed.

Applicant Signature: _____

Date: _____