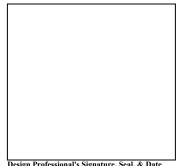


I. PROJECT INFORMATION

## **County of Durham**

**Engineering Department** Stormwater and Erosion Control Division 120 E. Parrish Street, Law Bldg., 1st Floor Durham, North Carolina 27701 (919)560-0735 Fax: (919)560-0740



## Stormwater and Erosion Control Division Rezoning Plan Submittal Checklist

For each review submittal the entire study must be submitted. This includes re-submittals. Partial study packages will not be reviewed. Incomplete Stormwater Site Plan Submittals will be returned with NO REVIEW PERFORMED. Contact Stormwater and Erosion Control Division concerning redevelopment, expansion or projects which result in a decrease in impervious area for modified submittal requirements. This submittal checklist is to be submitted with each plan submittal.

Project Name:		Phase:			
Previous Project Name,	if applicable:				
PIN:	Tax Map Number	Planning Case Number:			
Owner		Phone Number			
Owner Address					
Project Comment Conta	ct Person:	Phone number ( )			
Fax number: ( )	Company Name:				
A. General Requirement Applicant's initials	its				
• •	mwater Impact Analysis (SIA) including r	narrative report and drainage calculations			
<del></del>	ed and signed by North Carolina Professio	1			
b. Capo	b. Cape Fear / Neuse Basin (circle one).				
(If N	(If Neuse Basin circled completion of Section D. below is required)				
	INSIDE / OUTSIDE (circle one) Water Supply Watershed.				
,	(If INSIDE Water Supply Watershed completion of <b>Section E.</b> below is required)				
	w all Durham County and Neuse Basir	1 Stream Buffers on the plan. Diffuse			
	vinto stream buffers is required.  odplain located on site: Yes / No (circle)	a one) A conv of floodulain man			
	site boundary shown is required and t	,			

flood elevations (if applicable) must be shown on the site plan.

			*	ls map with		-				
			-	uadrangle		•				
					_		_	and post-dev	velopme	nt
			-	-	ion of site	improve	ement chan	ges.		
	d.	Drainage a	-	-						
				ea delineate	-					
		_			•	•	ost-develo	pment cond	itions	
				ea in acres						
				is points cl	-					
			_	nted TR-55	time of c	oncentra	ition flow p	oaths showing	ng each	
			gment.							
			-	procedures						
		•		•		•	•	nent drainag	•	IS.
		_		-	es of conc	entration	n calculated	d using the T	ΓR-55	
	,	segmented	annroach							
		U	* *							
	h.	Calculation	ns for the	pre- and po	-	•	_	or the 1-, 2-	•	
	h. (	Calculation nour storm	ns for the jusing TR	pre- and po -55, TR-20	), HEC-HI	MS, HE	C-1 or Rati	or the 1-, 2- onal Metho	•	
	<b>h</b> . (	Calculation nour storm point for the	ns for the jusing TR	pre- and po -55, TR-20 lations is tl	), HEC-HI	MS, HEO	C-1 or Rati ary.	onal Metho	d. The d	
	<b>h</b> . (	Calculation nour storm point for the	ns for the jusing TR	pre- and po -55, TR-20 lations is tl	), HEC-HI	MS, HEO	C-1 or Rati ary.		d. The d	
BASIN NAME	h. 6 i. 1	Calculation nour storm point for the Summary of PostDeveloped 1-year	using TR using TR dese calcul of Results	pre- and po -55, TR-20 lations is the provided if Pre- Developed 2-year	Post-Developed 2-year	MS, HEGy boundary	C-1 or Rationary.  rmat (see E  Pre- Developed 10-year	onal Metho  Example bel  Post- Developed 10-year	d. The down.	ischarge  Detention Required
BASIN NAME	h. 6 i. 1	Calculation nour storm point for the Summary of PostDeveloped 1-year	using TR using TR dese calcul of Results	pre- and po -55, TR-20 lations is the provided if Pre- Developed 2-year	Post-Developed 2-year	MS, HEGy boundary	C-1 or Rationary.  rmat (see Figure 1)  Pre- Developed	Post- Developed 10-year	d. The d	Detention Required
	h. 6 i. 1	Calculation nour storm point for the Summary of PostDeveloped 1-year	using TR using TR dese calcul of Results	pre- and po -55, TR-20 lations is the provided if Pre- Developed 2-year	Post-Developed 2-year	MS, HEGy boundary	C-1 or Rationary.  rmat (see E  Pre- Developed 10-year	onal Metho  Example bel  Post- Developed 10-year	d. The down.	ischarge  Detention Required
	h. 6 i. 1	Calculation nour storm point for the Summary of PostDeveloped 1-year	using TR using TR dese calcul of Results	pre- and po -55, TR-20 lations is the provided if Pre- Developed 2-year	Post-Developed 2-year	MS, HEGy boundary	C-1 or Rationary.  rmat (see E  Pre- Developed 10-year	onal Metho  Example bel  Post- Developed 10-year	d. The down.	ischarge  Detention Required

C. Durham Co	unty Stream Buffers
t	the site indicated has been provided. Diffuse flow into buffers is required.  All Durham County stream buffers are shown on the plan for intermittent and perennia streams shown on the Durham County Soils map or the USGS 7.5 Minute Quad.  Diffuse flow into buffers is required
C	NCDENR documentation for approval of buffer impacts provided.
	I. Stream delineations (Cape Fear / Neuse Basin). If in Neuse Basin, provide NCDENR
	Division of Water Quality documentation. If in Cape Fear Basin, provide report as required by Section 14-153(b)(3) (i) of the County Stormwater Ordinance.
D. Neuse Basin	n Requirements
U	e family, duplex, or recreational development disturbs $\leq 1$ acre or a multi-family, nal, commercial or industrial development disturbs $\leq 0.5$ acres then all items below
	a. Pre- and post-development nitrogen calculations using Durham County Nitrogen Calculation Tables.
	b. Nitrogen buy-down calculations (if necessary). Site plan will not be approved until
	Ecosystem Enhancement Program (EEP) payment is verified.
E. Water Suppl	y Watershed Requirements
	a. Indicate the water supply watershed overlay district(s) the project is located. (Circle all that apply) (F/J-A, F/J-B, E-A, E-B, M/LR-A, M/LR-B)
	b. Provided BMP for 85% TSS removal or <u>narrative</u> explaining why it is not provided
	c. BMP provided:Wet PondSand FilterBioretentionDry Detention Other
	Not required
	d. BMP benefits:85% TSS RemovalOther
	Not required
	A

Note: Executed Stormwater Facility Operation and Maintenance Permit Agreement, payment of permit fee and payment of surety are required prior to construction drawing approval.