

Project Name:

Name of Design professional ____

Address:

Date:

DeKalb County Planning & Sustainability Department

178 Sams Street Decatur, GA 30030

Lorraine Cochran-Johnson Chief Executive Officer

Juliana A. Njoku Director

Seal___

<u>Important note</u>: All drawings shall have the seal and signature of the design professional, along with the date the drawings were prepared.

WATER QUALITY REVIEW CHECKLIST FOR SINGLE FAMILY RESIDENTIAL

Date:

Parcel #:

This checklist shall be submitted with your documents/drawings. Answers shall be provided to all items as "no" or "yes"; and if "no", you must explain why the item in question is not applicable.

Signature____

INFORMATION TO BE SHOWN ON THE DRAWINGS OR WATER QUALITY SHEET		ITEM RESSED?	IF NO, EXPLAIN
1. Show the "required" water quality	NO	YES	
volume (WQv). Use the Georgia Stormwater Management Manual for the WQv formula (i.e. (1.2 x Rv x A)/1			
mportant notes:			
1) A is the total square feet of the site/property			
2) In situations where, the development is only a portion of the total site, and you believe that using the A may result in over-designing the BMPs, you may use the Stormwater Quality Si Development Review Tool instead to show compliance with the water quality review tool which will allow you to accounts for the basing disturbed areas and area draining to the BMPs	te		
2. Show the "provided" water quality	NO	YES	
volume by the BMP(s) being propose (volume "provided" must exceed or equal to volume "required")	d. 🗆		



178 Sams Street Decatur, GA 30030

Lorraine Cochran-Johnson Chief Executive Officer

3.	Sheet must be sealed by a registered	NO	YES	
	professional civil engineer, landscape architect, land surveyor or architect.			
4.	Minimum sheet size is to be 11" x 17"	NO	YES	
5.	The following information must be	NO	YES	
•	provided on the proposed condition sheet:			
	 Location of Water Quality BMP(s) 			
	 Dimension/size of the water quality BMPs (Length x Width x Depth of infiltration trench pit, diameter of flo-wells, number of flo-wells, etc.) must be provided/shown on the proposed condition site plan 			
	 Volume "required" by each water quality BMP 			
	 Construction details: installation specification, x- section details, maintenance activities and schedule for each water quality BMP Type of material and size of 			
	pipes being used to direct runoff to each water quality BMP			



178 Sams Street Decatur, GA 30030

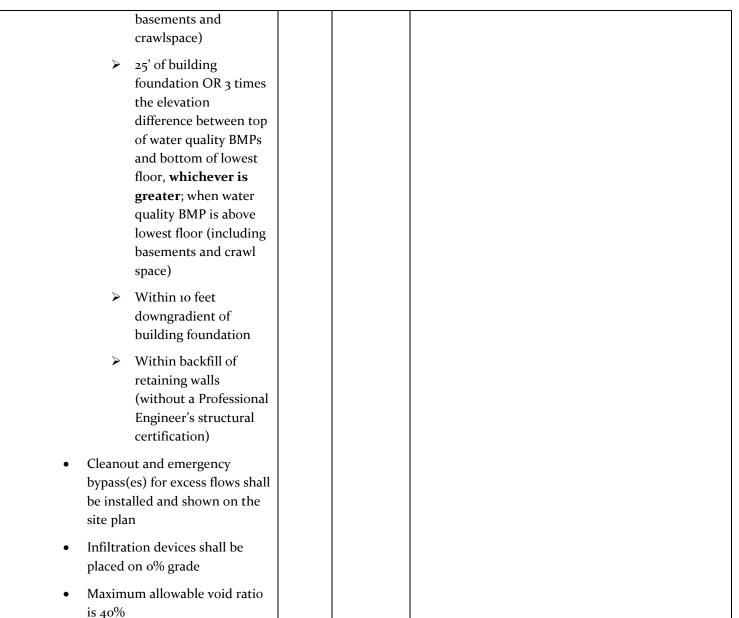
Lorraine Cochran-Johnson Chief Executive Officer

6. Design considerations:	NO	YES
 Water quality BMPs shall be installed on the proposed si (no offsite treatment) 		
 Overflow from water quality BMPs shall not adversely impact adjacent properties 	У	
 Flow from water quality BM shall have positive drainage away from all foundations 		
 Water quality BMPs are not allowed: 	:	
In County 75' stream buffer	m	
In a tree save/critic root zone	al	
In special flood haz area, future condition floodplain and Area Adjacent to Future Conditions Floodpl	on a	
Within 10 feet upgradient of a priv well	/ate	
Within 100 ft upgradient of a sep- tank/leach field	tic	
 Within 400 feet upgradient of surfact drinking water sour 		
 Within 10 feet of building foundation when below the low floor elevation (including unfinish 	vest	



178 Sams Street Decatur, GA 30030

Lorraine Cochran-Johnson Chief Executive Officer





178 Sams Street Decatur, GA 30030

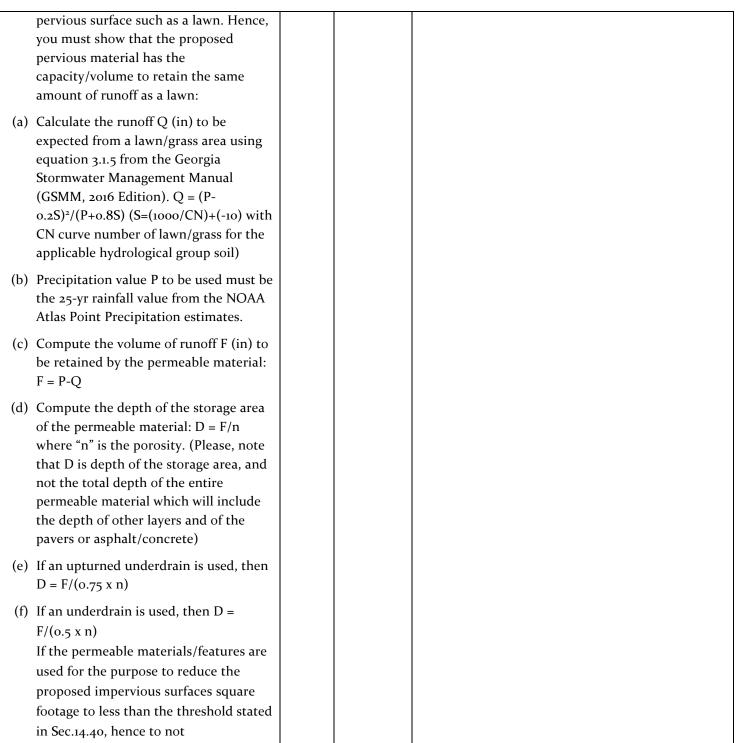
Lorraine Cochran-Johnson Chief Executive Officer

7.	The following notes must be added:	NO	YES
	 As-built water quality certification shall be provided before issuance of Certificate of occupancy 		
	 Water quality BMP(s) to be installed at the time of final landscaping 		
	 All collected water shall be directed to the water quality devices. All runoff from roof drain shall be directed to the water quality BMP 		
	 Overflow from water quality BMP shall not adversely affect adjacent properties 		
8.	Refer to the latest edition of the Georgia Stormwater Management Manual (GSMM) for list of acceptable water quality BMPs, as well as for their engineering design process.	NO	YES
9.	Manufacturer design spreadsheet for volume calculations are not accepted. You may use manufacturers' information to select the number of BMPs, their sizes and dimensions; however you must use mathematical formula to calculate the volume provided by those BMPs.	NO □	YES
	In order for permeable materials/features such as permeable pavers, porous concrete/asphalt, artificial turf, etc. to be considered/accepted as pervious surfaces; they must be designed to retain the same volume of runoff as a	NO □	YES



178 Sams Street Decatur, GA 30030

Lorraine Cochran-Johnson Chief Executive Officer





178 Sams Street Decatur, GA 30030

Lorraine Cochran-Johnson Chief Executive Officer

provide full stormwater			
management/detention; then the			
permeable materials/features cannot			
be used to also comply with the water			
quality requirement. A separate BMP			
shall be used to provide Water			
Quality.			
C			