

STORMWATER SCM ANNUAL MAINTENANCE INSPECTION REPORT
Post-Construction Maintenance Report Form (Revised January 13, 2021)

Town of Carrboro, North Carolina

Inspection Date: _____

The Town of Carrboro Land Use Ordinance (Section 15-263.1) requires that Stormwater SCM runoff control devices/structures be inspected annually to certify they are being maintained properly and are functioning as originally designed and intended.

- A. General Information: (Fill out ALL information)** *USE ONLY ONE INSPECTION FORM PER SITE WITH AS MANY ACCOMPANYING SCM CHECKLIST ATTACHMENT SHEETS AS NEEDED. IF MULTIPLE SCM'S EXIST AT A SITE, SUBMIT MULTIPLE CHECK-OFF ATTACHMENT SHEETS ALONG WITH THE STANDARD 2-PAGE FORM. ALSO, ATTACH DIGITAL PHOTOGRAPHS OF THE SITE, STRUCTURES, AND DEVICES AS APPLICABLE. COMPLETE ALL BOXES – LEAVE NOTHING BLANK

Project Name: (as found in Town of Carrboro Files)	Legal Owner of Record: (Name from County Real Estate/Tax Website or from the owner if more recently updated):
Alternate Name if applicable:	Legal Owner of Record Address:: (from County Real Estate/Tax Website or from the owner if more recently updated):
Physical Address/Location of SCM:	Owner Name:
Town of Carrboro Site Plan # or Subdivision Plan #	Owner Telephone Number w/ Area Code: ()
Site Contact Entity: (Owner, Management Company, or HOA)	Name of Inspection Company:
Site Contact Person Name/Title:	SCM Inspector Name: (a person's name - not a company name)
Site Contact Entity Mailing Address:	Mailing Address of Inspection Company:
Site Contact Person Telephone Number: ()	Qualification//Credentials of Inspector: Type _____ Name of Entity _____ State _____ # _____ Registration: Licensure: Certification: NCSU SCM Maintenance and Inspection Seminar _____ Year of Certification _____ Certification # _____
Site Contact Person e-mail address:	SCM Inspector Telephone Number: () SCM Inspector e-mail Address:

B. Stormwater SCM device checklists to be used & attached to this report. Use one checklist per each SCM type.

- Bioretention Areas
- Constructed Wetlands
- Dry Ponds
- Grass Swales
- Level Spreaders
- Proprietary Devices (i.e., Precast Engineered Wetland Devices) **Requires DWR and TOC pre-approval prior to use*
- Riparian Buffers
- Sand Filters
- Underground Storage/Retention Structures
- Wet Detention Ponds/Basins
- Other: Ex: Rain Garden, Green Roofs, Infiltration Basins, Cisterns, Permeable Pavement (Describe)

Use ONE SCM checklist sheet for each specific type of SCM device found at each SCM site location. As an example if a given site has four dry ponds and four level spreaders, you need to submit one standard form (i.e., this 2-page form) along with four Dry Pond sheets and four Level Spreader sheets. Fill-in the actual number of SCM devices on the table below that exist at a given site. Attach digital low-res digital color photos as appropriate, to show areas of interest or areas that need attention.

Device Type	Number of SCM's per Site	Describe (only if needed)
Bioretention Areas		
Constructed Wetlands		
Dry Ponds		
Grass Swales		
Level Spreaders		
Proprietary Device (*Must receive DWQ/TOC advance approval)		
Riparian Buffers		
Sand Filter		
Underground Detention/Storage		
Wet Ponds		
Other (Ex: Rain Garden, Green Roofs, Infiltration Basins, Cisterns, Permeable Pavement (Describe))		

C. The results of this inspection are as follows:

- NON-COMPLIANT**
 VISUAL INSPECTION FOUND APPARENT ISSUES WHICH NEED IMMEDIATE ATTENTION. COMPLETE THE REPAIR ITEMS INDICATED ON THE ATTACHED CHECKLISTS WITHIN 60-DAYS OF THE DATE OF THIS REPORT. RE-INSPECTION AND CERTIFICATION PRIOR TO OR AT THE 60-DAY INTERVAL WILL FOLLOW SATISFACTORY COMPLETION OF ALL REPAIRS. REPORTS NOT RECEIVED WITHIN 60-DAYS WILL LEAD INTO ENFORCEMENT ACTIONS. SEE ITEM "D" BELOW REGARDING ENFORCEMENT.
- COMPLIANT WITH MAINTENANCE**
 VISUAL INSPECTION FOUND DEFICIENCIES THAT NEED ATTENTION. COMPLETE THE MAINTENANCE ITEMS INDICATED ON THE ATTACHED CHECKLISTS WITHIN 30-DAYS OF THE DATE OF THIS REPORT. THE TOWN SHALL BE NOTIFIED OF THE REPAIRS HAVE BEEN PERFORMED WITH PHOTOS OF MAINTENANCE PERFORMED. IF NOTIFICATION HAS NOT BEEN RECEIVED WITHIN 30-DAYS THIS WILL BE CONSIDERED A VIOLATION. SEE ITEM "D" BELOW.
- COMPLIANT** (CHECK HERE IF INITIAL INSPECTION WAS NON COMPLIANT AND THIS IS A RE-INSPECTION)
 VISUAL INSPECTION FOUND NO APPARENT ISSUES, (CERTIFICATION BELOW; SEE ITEM "E").

D. Notice of Violations. Violations are triggered as follows:

- 1) When an annual inspection is **30-days** past due and no efforts have been documented (submitted) to the TOC indicating that the inspection has taken place; or
- 2) When a site inspection does take place and is non-compliant, and the follow-up **60-day** repair window outlined above elapses and no repairs and/or follow-up certification is received by the TOC or we have not received request for an extension on repairs;
- 3) When a site inspection does take place but is complaint with maintenance and then, after **30-days**, only some (but not all) of the maintenance issues have been rectified and notification to the town has not been received.

E. Certification (is performed when SCM is functional and is compliant)

I, _____, as a duly registered Professional in the State of North Carolina, herby state that, to the best of my abilities the stormwater control measure (SCM) device(s) is/are fully functioning and operating as designed and intended.

Seal/Signature

Inspection by: _____

Date: _____

Submittal Requirements:

- 1) **SUBMITTAL DEADLINE.** Maintenance inspection reports are due annually for all SCMs by the end of the anniversary month of original certification or as-built certification. If this date is unknown, a submittal month will be assigned by the Town. Due Dates can be found online at [Insert Link].
- 2) **SUBMITTAL FORMAT.** Submittals shall be in the form of an electronic copy sent via email as a pdf file. The TOC's standard *STORMWATER SCM ANNUAL MAINTENANCE INSPECTION REPORT* form shall be submitted with as many applicable SCM attachment check-off sheets as necessary based upon actual numbers of SCM's at a site. As an example if a given site has four SCM's **dry ponds** and four **level spreaders connected to the ponds**, you need to submit one standard form (i.e., the 2-page form) along with four 'dry pond checklist attachments and four 'level spreader checklist attachment sheets. Additionally, color digital photographs of the SCM features and areas of interest/concern shall be submitted as well. ALL of the above shall be submitted as ONE pdf – preferably no more than (5) megabytes in size. Do **NOT** submit separate digital photos as a pdf, separate attachment sheets as a pdf – make it all one pdf submittal. If you need to shrink or reduce the size of the electronic file – use low resolution scanning and put approximately 3-4 pictures on one page. Full size page pictures are not needed or desired. Text book quality digital pictures likewise are not needed. However, all pictures shall be submitted in **COLOR** – no black and white pictures are desired. We need pictures of the overall scm, berms, riser structure, outfall looking up into the riser to see the flow path, and dissipators at a minimum.
- 3) **FILE NAMING CONVENTION.** Please use the following guidelines for naming the inspection report package PDF file. This will ensure that submittal reports are properly filed, accounted for and discoverable.
Filename: Numeric year of submittal_Numeric month of submittal_SCM PASS or SCM FAIL_Site name_Property ID Number.pdf
For example, a passing inspection report package submitted for Public Works on 10/01/2020 would be named: 2020_10_SCM PASS_PUBLIC WORKS_9778728704.pdf
- 4) **PAPER COPIES.** Paper copy submittals are no longer required or desired. All submittals should be submitted electronically to the Stormwater Division at the following email address: stormwater@townofcarrboro.org. Please CC the responsible party if submitting on their behalf. Additional submittal questions may be answered by Stormwater Division staff by leaving a voicemail at 919-913-2999.

Note #1: Inspections that are NOT IN COMPLIANCE The “NON COMPLIANT” box should be checked under item “C”. The failed inspection form along with the specific SCM check-off attachments summarizing required repairs must be submitted to the TOC within 48-hours following the inspection. Re-inspection and certification will be required after the repairs. The Owner has a maximum of 60-days from the date of the preliminary inspection to make all repairs, correct all deficiencies, and submit a certification to the TOC in order to avoid enforcement actions. *It is strongly encouraged that the inspector be part of the repair and maintenance process in a QA/QC role in order to ensure that repairs are being performed properly*

Note #2 Inspections with Minor Maintenance The “Compliant with Maintenance” box should be checked. The inspection forms along with specific SCM check-off attachments summarizing the maintenance need to be submitted to the town. Maintenance should be performed and a follow-up notification (email with pictures) sent to the town.

Note #3: Inspections With No Deficiencies – “The “COMPLIANT” box should be checked under item “C”. The inspection form should be signed, stamped, and sealed by the appropriate professional and submitted to the TOC within the same month of, on or before the established inspection due date. Attach the applicable SCM check-off sheets and confirmatory digital photographs accordingly.

Bioretention Area Checklist for Annual SCM Report

Town of Carrboro, North Carolina

SCM Site Name _____ Date _____

Item-by-Item Code Key:

(Revised January 13, 2021)

C	Compliant (No Repairs Needed) = Passes Inspection
C/M	Compliant with minor maintenance (repairs and notification within 30 days)
NC	Not Compliant (Repairs and re-inspection within 60 days)
N/A	Not Applicable

INFLOW POINTS

Assessment	Code Status	Comments
Erosion/undercutting		
Structural condition		
Displacement/sedimentation of fabric/rip-rap		
Other (Describe)		

PERIMETER/SIDE SLOPES/EMBANKMENT

Assessment	Code Status	Comments
Bare soil/erosion		
Woody vegetation		
Other (Describe)		

PRE-TREATMENT AREA (Forebay, grass swales & verges, gravel)

Assessment	Code Status	Comments
Sediment/debris accumulation		
Erosion/gullies present		
Invasive vegetation		
Other (Describe)		

BIORETENTION CELL

Assessment	Code Status	Comments
Overgrown vegetation (requires pruning)		
Plants are dead, diseased, or dying <i>(Replace such plants as necessary per original approved construction plans)</i>		
Mulch is decomposed or displaced		
Soils/mulch clogged with sediment		
Evidence of lack of proper drainage (e.g. dead plants or successional wetland vegetation)		
Bare or eroded areas in grass cells		
Other (Describe)		

Bioretention Area Checklist for Annual SCM Report

Town of Carrboro, North Carolina

SCM Site Name _____ Date _____

OUTLET DEVICE

Assessment	Code Status	Comments
Riser structure has 9-12 inches of pooling		
Erosion/undercutting		
Structural condition		
Sediment in pipe		
Joint failure/loss of grout material/soil piping		
Displacement of fabric/rip-rap		
Other (Describe)		

MISCELLANEOUS

Assessment	Code Status	Comments
Trash/debris		
Access		
Evidence of routine maintenance being performed?		
Other (Describe)		

PHOTOGRAPHS

Attach low-resolution, digital color photographs of the site and SCM features. Include captions describing the photographs.

ADDITIONAL COMMENTS

Elm Falls Subdivision/SCM-1076



Photo 1 SW corner looking NE



Photo 2 SE corner looking NW



Photo 3 NE corner looking SW



Photo4 Outfall