2024 ANNUAL STORMWATER CONTROL STRUCTURE INSPECTION COMPLIANCE

Dear Stormwater Control Structure (SCS) Owner,

Each February a reminder letter is mailed to the address listed in the Lexington County Register of Deeds with the below information regarding your post construction SCS. If the original letter did not reach you, please use the following information to complete the Lexington County Land Development requirement for proper maintenance and inspection of your SCS.

As the owner of a post-construction stormwater control structure(s) (SCS), you are required to obtain an annual inspection of the SCS(s) by a qualified inspector to ensure its proper function, as required in the *Lexington County Land Development Manual Section 5.2.1. Privately Maintained BMPs*. The annual inspections shall be documented by a qualified inspector on the inspection forms located in Appendix D of the LDM *(https://lex-co.sc.gov/departments/community-development/land-development)*, with photo evidence*, and submitted to *https://maps.lex-co.com/swci/* **by July 1, 2024.** Failure to conduct and submit this annual inspection could result in enforcement actions as outlined in Section 9 of the Lexington County Land Development Manual.

Please ensure any maintenance requests from a previous inspection are corrected and the SCS area has been mowed prior to the annual inspection to allow for proper inspection of SCS components and to avoid the need for a repeat inspection. The following are the requirements of a qualified inspector.

Qualified Inspector

Post-Construction SCS inspections must be conducted by "qualified personnel" as outlined by the following: "Qualified personnel" means *a person knowledgeable in the principles and practice of post-construction Stormwater Control Structures (SCSs) who possesses the skills to assess conditions and the effectiveness of the post-construction SCSs installed to control flooding, erosion and/or the quality of stormwater discharges from the property. This person must be either currently certified through a Post-Construction BMP Inspector Certification Course or be a professional engineer registered in South Carolina (or be an individual who is under the direct supervision of a professional engineer registered in South Carolina)* ***and*** *must meet the requirements in this paragraph.*

A list of individuals who are currently certified through the Clemson Post-Construction BMP Inspector Certification Course is available at https://www.clemson.edu/extension/water/programs/bmp/index.html.

Note, where SCSs contain structural components (such as ponds, underground detention, and manufactured treatment devices) and the inspector observes significant maintenance needs or potential failure points with those structural components, a qualified professional engineer should be consulted to determine the most appropriate method to repair or solve the structural issue.

If you have questions regarding this requirement, please email Karen Jackson at karen.e.jackson@wsp.com or 803-798-1200. Thank you for your cooperation in meeting this requirement.

Sincerely,

Vance Vollmer
Environmental Coordinator
County of Lexington

* Required photos:

- Overall SCS
- Riser, outfall, and all inlet(s)
- Filter ring, if applicable
- Fill embankment(s)
- Any issues noted in report

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Post-construction Stormwater Pond Maintenance Requirements

Woody Vegetation
Woody vegetation is to be removed from all fill embankments and within 30' of any structure and/or pipe. The removal of woody vegetation shall include both the front and back slopes of the fill areas. All voids are to be compacted to 100% compaction with proper (clayey) soils. Trees in cut slopes and pond bottom will be allowed as long as the growth has not compromised the capacity requirements of the pond. If deemed necessary PW/SWD trees in cut slopes and pond bottom shall be removed. Removal of woody vegetation at the discharge barrel will be determined on a case by case basis.

Sedimentation
Sedimentation shall be removed to the approved elevations of the pond bottom and structures as shown on the construction/record drawings. The area within a 30' radius of the outlet structure and /or pipes shall remain clear of all sediments and debris. Removal of sediments at the discharge barrel will be determined on a case by case basis.

Filter Rings
Filter rings shall be clear of all sediments and debris to allow positive flow to the outlet structure. Repairs/replacement shall include filter fabric and riprap to insure that sediment and debris do not reach the outlet structure.

Headwall
Headwalls shall be repaired and stabilized of all erosion. Repairs/replacement shall include filter fabric and riprap to insure against any erosion. Fill dirt is to be placed and compacted around pipes before the placement of fabric and stone.

Slopes and Access Areas
When at all possible these areas are to be left in an undisturbed vegetative state. Pond slopes and access areas are to be mowed when deemed necessary by Public Works. Erosion of the slopes and access areas shall be filled, compacted and stabilized with suitable materials.

Perimeter Fence
Perimeter fences shall be removed of unwanted growth. This growth includes trees, vines, and shrubs; which are to be sprayed with an environmentally approved herbicide. If the integrity of the perimeter fence has been compromised all repairs/replacement shall be made.

Outlet and Barrel
Outlet structures and barrels shall be free of clogged orifices, cracks/breaks in the structure and sediment/debris deposits inside of these structures. The trash rack shall be clear of debris and properly fastened to the structure.

Swales/Channels
All swales/channels leading to or within the stormwater system must be cleared of all debris and obstructions to allow positive flows and drainage.