



**DORCHESTER COUNTY PUBLIC WORKS
2120 EAST MAIN STREET
DORCHESTER, SC 29437**

**Mike Goldston, PE, Engineering Manager
(843) 832/563-0189**

May 18, 2017

River Oaks HOA (Marsh Hall Subdivision)
7210 Broad River Rd. Suite I
Irmo, SC 29063

Re: Stormwater Pond Maintenance

To Whom It May Concern:

In accordance with the Dorchester County Stormwater Management Program Ordinance #07-21, National Pollutant Discharge Elimination System (NPDES) Permit No. SCR03000, Dorchester County Stormwater Management Design Manual, and SCDHEC Regulation 72-300 stormwater management measures/structures such as ponds or swales are required to be properly maintained in perpetuity. Proper maintenance includes ensuring the original design intent of the pond or swale is maintained by cutting the grass/weeds, removing any vegetative growth and sediment/silt that may be reducing the capacity below its original designed capacity and ensuring the inlets and outlets are functioning as originally intended. The County is in the process of inspecting ponds/swales to determine compliance with the required maintenance.

Your stormwater pond was found to be **Unsatisfactory**.

Attached is the inspection report and pictures for the ponds under your control.

The maintenance is required to be completed by **August 30, 2017**. Please provide your plan of action to complete the maintenance by **June 30, 2017**.

Please let me know if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Mike Goldston".

Mike Goldston, PE
Engineering Manager
Dorchester County Public Works

Pond Maintenance Requirement

Pond #

Issues

MH1-1

Clear trash around/in pond

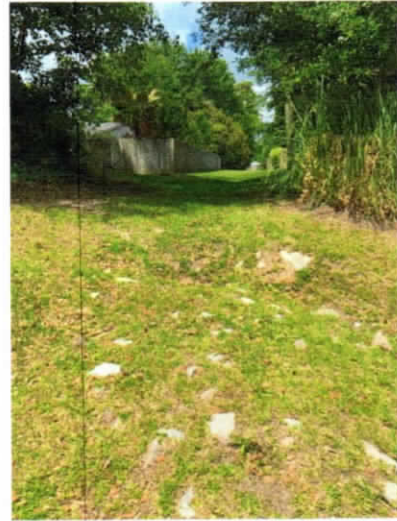
Remove debris blocking outfall structure

Remove down and standing trees around inlets

Refresh rip-rap at inlets and swales



Trees at inlets



refresh rip rap at inlets and swales



Debris blocking outfall structure



trees blocking inlets/ refresh rip rap



STORMWATER POND SEMI-ANNUAL INSPECTION CHECKLIST

Inspector: _____ Date: _____ Pond Number: _____

Subdivision: _____ Location: _____

Inspection Items:	Maintenance Needed?	Comments
	Y/N	
Vegetation		
1. Buffer boundary vegetation overgrown		
2. Bank and surface vegetation/stabilized		
3. Algae (less than 20% surface coverage is ideal)		
Wildlife		
1. Nuisance wildlife (Geese droppings, beaver dams, burrows, otter slides)		
2. Stagnant water (provides breeding ground for mosquitoes)		
Water Quality		
1. Trash/debris in nearby storm drains(maintenance?)		
2. Trash/debris in pond or shore		
3. Shoreline erosion (undercutting, scouring, or slumping)		
4. Sedimentation		
5. Rip Rap (clean of vegetation, erosion, sedimentation)		
Pond Structures		
1. Obstructions at inlets and outlets (trash, plant debris, construction materials)		
2. Inlet or outlet structure wear (cracked, corroded, or broken pipes)		
Fountains and Aeration		
1. Aeration system functioning properly (water is circulating, diffuser is bubbling)		
2. Fish kills		
Access and Safety		
1. Maintenance access		
2. Fences, gates, locks in need of repair		
3. Vandalism/graffiti on pond structures		