

Stormwater BMP Maintenance E-Newsletter



Spring Edition, April 2011

In this E-Newsletter:

Spring Maintenance Tips

Feature Project – Knightsbridge/Chase Ridge Pond Improvements

New Non-Structural Maintenance Procedure

New Training Opportunity

Free Structural Maintenance!

Resources for More Information

Spring Maintenance Tips

- Now is a good time to schedule contractors for spring mowing of pond embankments. Mowing should be completed at a minimum of twice a year, in the spring and in the fall.
- Remove invasive plants and weeds (see <http://www.invasive.org/eastern/midatlantic/>), especially around bioretention facilities.
- Continue to remove all trash and debris monthly from your property, especially in and around ponds, filters, and bioretention structures.
- Contact Montgomery County Department of Environmental Protection (DEP) if a facility holds water for more than 72 hours, as this could indicate a problem (except for wet ponds, which are designed to hold water).

Feature Project – Knightsbridge/Chase Ridge Pond Improvements

DEP has recently completed repairs and retrofit of two facilities, Chase Ridge and Knightsbridge regional ponds within Little Paint Branch watershed. The Chase Ridge pond (lower pond) is located along Sheffield Manor Road and the Knightsbridge pond (upper pond) is located immediately upstream of Ashton Manor Road. The facilities were designed to work in conjunction. The total contributing drainage area to the lower pond is 254 acres comprised of moderate to high density residential and commercial land use.

The project purpose was to retrofit both ponds to:

- Address the deficiencies at Knightsbridge Pond
- Shift the water quantity and water quality control to Chase Ridge pond by providing stormwater control for 2-year storm release for the entire drainage area
- Address all safety and maintenance concerns at both facilities



Knightsbridge Pond Before



Chase Ridge Pond Before



Knightsbridge Pond After



Chase Ridge Pond After

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New Non-Structural Maintenance Procedure

All aboveground facilities are inspected at least once every 3 years. **Owners will now receive a letter 30 days prior to their scheduled inspection date requiring them to complete their non-structural maintenance prior to the inspection.** Non-structural maintenance includes grass cutting and trash removal around the facility, and vegetation removal around the dam embankment, control structure, and infalls. Completing NS maintenance enables our inspectors to thoroughly access and assess the facility. A notice of violation and/or citation may be issued if it is not completed.

Please also keep in mind that mowing should be done at a minimum of twice a year and trash removal around the facility should be performed monthly. We are currently inspecting Region 1 (eastern Montgomery County) facilities in 2011. *Thank you to everyone who is continuing to do their required maintenance repairs on time.*

New Training Opportunity – Stormwater Maintenance Class at Montgomery College this Summer for Vegetated Facilities

Storm Water Maintenance

This course will provide you with instructions on how to perform inspection, minor repairs, and maintenance of plant materials surrounding bio-retention facilities according to Montgomery County and Maryland State guidelines. Other topics include contract planning and developing a maintenance plan for bio-retention components. This course has been endorsed by DEP. Tuition waiver applies; seniors pay fee only.

Course: MGT370

\$107 +\$64 fee=\$171; Non-Md. Residents add \$120

Germantown Campus

CRN#: 11798

7/18-7/20

3 sessions

M, T, W

9 am-3:45 pm

Co-listed with credit course LN 135 Storm Water Maintenance

Free Structural Maintenance!

If you own or manage a *residential* stormwater facility you may qualify for free structural maintenance! This benefit is provided for no additional charge to residential communities and is funded by Montgomery County's Water Quality Protection Charge. See www.montgomerycountymd.gov/stormwatertransfer for more information.

Resources for More Information

More information on stormwater maintenance is available at our website:

www.montgomerycountymd.gov/stormwater

Click on "[Contractor Resources](#)" for specific contractor training information.

If you have any questions on stormwater facility maintenance, please contact us at

MC.Stormwater@montgomerycountymd.gov.

This quarterly newsletter has useful information and seasonal tips for Property Managers, contractors, and HOAs to assist you with your stormwater facility maintenance needs. Montgomery County has over 4,400 stormwater facilities and the Department of Environmental Protection (DEP) ensures that they are all regularly maintained and functioning as-designed to protect our local streams. These facilities include dry ponds, wet ponds, underground hydrodynamic structures, bioretention facilities, and much more. To view previous editions of the newsletter, visit <http://www.montgomerycountymd.gov/dectmpl.asp?url=/Content/dep/water/stormwaterfacility.asp#subscribe>