City of Alexandria, Virginia
Transportation & Environmental Services, Stormwater Management Division
Self-Certification Guide for Residential Permeable Pavement

Introduction

Residential stormwater practices, such as permeable pavement and rain gardens, help to reduce stormwater pollution that runs off impervious areas.

Functioning stormwater or landscaping practices may be eligible for a partial stormwater utility fee reduction under the City's Stormwater Fee Credit Policy. For more information regarding the credit policy, please refer to the Stormwater Utility Fee Credit Manual.

The Purpose of This Guide

This guide is intended to be used to inspect a residential stormwater practice that has already been installed on a single-family or townhouse lot. Inspecting your stormwater management practice identifies maintenance, repairs, or replacement as needed. Performing routine inspection and maintenance is required for practices to continue to function.

This guide does not replace any existing inspection requirements for stormwater management BMPs installed as a mandatory condition of development and covered by a maintenance agreement with the property owner.

About Self-Certification

For residential townhome and single family property owners applying for stormwater utility fee credits, a self-certification stating that you have inspected your stormwater practice and observe it to be in fully functioning condition is required at the time of application. During the City's review of your application, you may be asked to complete this guide and provide it to the City.

Instructions

Step 1. Complete this guide during your annual inspection.

Step 2. If asked to provide this form, it may be sent via email to stormwater@alexandriava.gov or mailed to:

Transportation and Environmental Services
Stormwater Division
2900-B Business Center Drive
Alexandria, VA 22314

Permeable Pavement

Unlike traditional pavement, permeable pavement allows rainfall and stormwater runoff to be temporarily stored within the reservoir layer and infiltrate into the ground or discharge through an underdrain.

Certification Checklist

Check the box to confirm that each item was inspected and that the practice is in functioning condition and eligible for Stormwater Utility Fee Credits:

- ☐ **The permeable pavement system contains a permeable surface, gravel reservoir layer and an underdrain**

  Permeable pavement surfaces are porous concrete, asphalt, or pavers with gravel in the voids. The reservoir layer should consist of washed stone aggregate.

- ☐ **The pavement surface edges are free of erosion and sediment accumulation from surrounding areas**

  Areas surrounding the practice should be covered with plant growth. Cover bare areas with straw to help reduce sediment flow into the practice until plants are established.

- ☐ **Permeable pores or voids between pavers are free of litter, debris, and sediment**

  Periodically sweep the pavement and perform vacuum sweeping at least once a year as sediment and debris can clog the system. Shovel immediately after each snow, rather than using sand, salt or other fine particles.

- ☐ **The permeable pavement does not pond or let water run off during a rain event**

  Permeable pavement should allow water to seep through the surface and into the reservoir layer beneath. Fill a 5 gallon bucket full of water, then pour it entirely on one spot of the permeable pavement. The water should seep into the permeable pavement, rather than pond on top of the surface or run off.

- ☐ **The permeable pavement surface is free of cracks, heaving, or other structural damage**

  Check the pavement surface for cracks in the asphalt, concrete or pavers. Pavers may also heave, at which point they should be removed and reset.

Owner Information

Property Address: _____

Owner Name: _____