



CITY OF PUYALLUP

Office of the City Engineer
333 S Meridian
Puyallup, WA 98371

Permeable Pavement Maintenance Plan

City of Puyallup Rain Garden Program

Overview

The City of Puyallup Rain Garden Program is designed to provide education and outreach to residents on the benefits and application of rain gardens, rainwater harvesting and permeable pavements. As a participant in the program, you have agreed to have a permeable pavement installed on your property. Your permeable pavement – a stormwater facility – helps to filter pollutants from stormwater and infiltrate stormwater into the ground.

Goals and Objectives

Limited maintenance and upkeep is necessary to ensure that your stormwater facility continues to function as intended including filtering of stormwater to remove pollutants and infiltrating the filtered stormwater into the ground.

The **Preventative Maintenance** section of this document provides guidance for proper maintenance of your permeable pavement. This plan follows the direction given by the City and its affiliates when your permeable pavement was installed and/or approved. For more information, please refer to the *Low Impact Development Technical Guidance Manual for Puget Sound (2012, or updated version)*. - by Washington State University Extension – for additional details on appropriate permeable pavement maintenance and procedures.

Any significant changes to your pavement should be developed in consultation with the City's Stormwater Engineer. Changes shall be approved in writing by the Stormwater Engineer or his/her designee. Please attach drawings of any proposed changes to your pavement.

Preventative Maintenance

To keep your permeable pavement looking its best, and functioning properly, please remember to follow these preventative maintenance steps:

1. Weed regularly, as needed
2. Maintain vegetation around pavement to minimize sediment/dirt deposition onto the pavement
3. Replace broken pavers that affect the structural integrity of the surface
4. Replenish aggregate joint materials as needed per your paver manufacturer specifications; contact the installer if unsure
5. Vacuum sweep annually, in dry weather



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6. DO NOT apply traction salt/sand to the pavement, this may cause the surface to clog, preventing the pavement from infiltrating stormwater
7. DO NOT stockpile aggregate materials (ie: dirt, rocks, wood) directly on pavement – place a tarp or other structure underneath to protect pavement; these materials may clog the surface
8. Perform annual inspections using the attached **Annual Inspection Checklist** (and submit a copy to the City to meet reporting requirements)

Reporting Requirements

To ensure proper maintenance and adherence to the aforementioned Plan, you are required to submit a completed copy of the attached **Permeable Pavement Annual Inspection Checklist** to the City of Puyallup annually. Completed form and requested attachments can be mailed to the above address, or emailed to the City at: ecofriendly@ci.puyallup.wa.us.

Along with the checklist, please include a current picture of your permeable pavement. Include as many or few pictures necessary to show:

- Entire pavement
- Inter-paver aggregate joint material levels
- Any inflow locations (downspouts, sheet flow areas)

Attachments

Permeable Pavement Annual Inspection Checklist, for use with annual reporting



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Permeable Pavement Inspection Checklist
(to be used with annual reporting)

Please complete this form by March 31st of each year and mail attention to: Paul Marrinan at the above address along with the photographs discussed in the Maintenance Plan, or email a scanned copy of this completed form and photographs to: ecofriendly@ci.puyallup.wa.us.

Property Information	
Property Owner:	Phone:
Street Address:	City, State & Zip:
Email:	

Permeable Pavement Inspection Checklist		Y	N	Comments
1.	Have you removed any stray trash, litter, or yard waste from your permeable pavement?			
2.	Have any pavers fractured or broken this year?			
3.	If so, did you replace the paver(s), and with what paver/material?			
4.	Is there any evidence of erosion, or aggregate joint materials being washed away?			
5.	Is the aggregate joint material still in place and within 3mm of the surface?			



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Permeable Pavement Inspection Checklist
(to be used with annual reporting)

Permeable Pavement Inspection Checklist		Y	N	Comments
6.	Does the permeable pavement infiltrate water during rain storms?			
7.	Have you had the pavement vacuum swept in the past year?			
8.	Have you made any changes to your pavement in the past year? For example, expanded the pavement, removed/replaced pavers? <i>(please describe changes in the comment area)</i>			
9.	Do you plan to make any significant changes to your pavement in the upcoming year?			

Property Owner

Signature _____

Date _____

City of Puyallup

Received by _____

Date _____

Comments _____
