

Green Stormwater Infrastructure



**Presented to Regional Water Quality Committee
September 5, 2018**

OVERVIEW

Green Stormwater Infrastructure Techniques

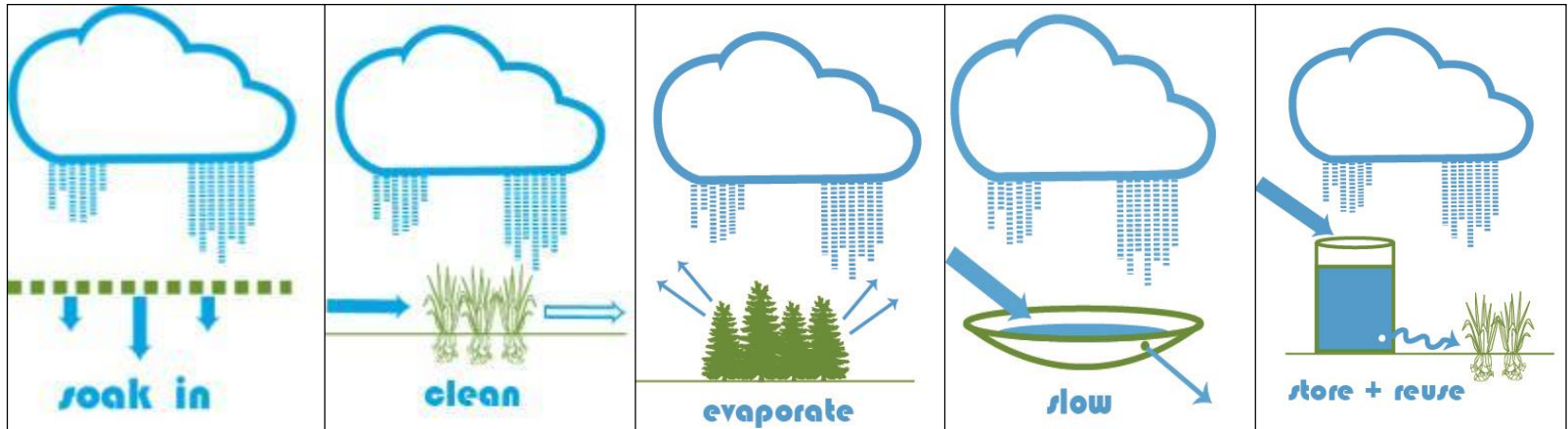
King County CSO Control Program

Green Stormwater Infrastructure Controlling CSOs

Co-benefits of GSI



Green Stormwater Infrastructure (GSI)



King County CSO Program

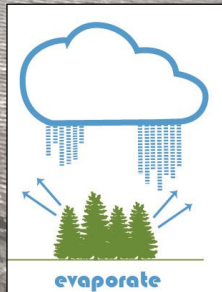
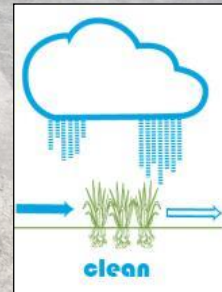
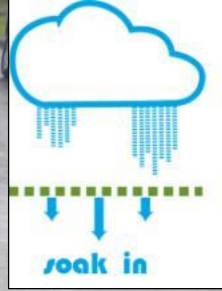
- Evaluated feasibility of green infrastructure
 - Lower Duwamish Waterway
 - Ship Canal
- Worked closely with Seattle to implement joint program for GSI
- Implemented RainWise for voluntary private rain gardens and rainwater harvesting

Lead with Green



Finish with Gray





Bioretention (Rain Garden)

GSI Achievements

- Completed Barton CSO Control Project
 - 15 blocks of bioretention in West Seattle
- RainWise has captured **2 million square feet**
- Coordination with City of Seattle
 - Seattle Public Utilities
 - Seattle Center
 - Seattle Housing Authority




Barton Road Side Rain Gardens

RainWise

700 Million Gallons

[Home](#) [About](#) [Methods](#) [GSI Around You](#) [Take Action](#) [RainWise](#) [Search](#)



What is green stormwater infrastructure?

Green Stormwater Infrastructure (GSI) uses natural processes like rain gardens and cisterns to **slow**, capture, and clean polluted runoff before it harms our lakes, rivers, and streams. It also helps add color and beauty to our homes and communities.

[Learn More](#)

What Is GSI?

Methods

Tips & Tools

Why 700 Million Gallons?

Co-benefits of GSI



water savings



**urban
livability**



energy savings



eco-literacy

Green Jobs – DIRT Corps



Thank You & Questions?

John Phillips
CSO Program Manager

