Stormwater facilities

• Planters, swales and raingardens



are landscaped areas that collect stormwater and filter it as it flows through or allow it to soak into the ground. There are many ways to direct stormwater

to these facilities, including curb cuts in parking lots or open grates.

• Ecoroofs are lightweight, low-



maintenance vegetated roofs that soak up rain and reduce stormwater runoff. Ecoroofs also reduce the heat island effect that warms the air

over cities, and naturally insulate buildings to reduce energy use.

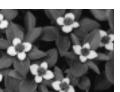
• Disconnected Downspouts



remove roof drainage from the sewer system and redirect the water to lawns, gardens or stormwater facilities. Not all downspouts can

be safely disconnected. Please call 503-823-5858 to see if your home is eligible for Portland's Downspout Disconnection Program.

• Naturescaping is landscaping with



native plants that require less water and little or no fertilizers or pesticides. verage rainfall in Portland is nearly 37 inches a year. When it rains, stormwater that is not properly managed washes over streets, roofs, parking lots and other hard surfaces and carries, dirt, oil, metals and chemicals into our rivers and streams.

Managing stormwater with methods that mimic nature can reduce pollutants in stormwater runoff. Sustainable stormwater management integrates stormwater into building and site development. Disconnecting the flow from the storm sewer system and directing runoff to more natural systems reduces the amount of runoff by allowing water to soak into the ground, and filters pollutants from the stormwater before it reaches our rivers and streams.

www.cleanriverspdx.org Emily Hauth 503-823-7378

"Join your neighbors in working to clean up the Willamette River.

HAND is proud of our partnerships with Environmental Services, our neighbors, and our local businesses in developing this stormwater walk."

Partners:





Chair@handpdx.org

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go natural

Stormwater Solutions

Neighborhood (HAND)

Walking

Tour





Dean Marriott, Director

Walking Tour Sites

Look for disconnected downspouts and naturescaping throughout the walk.

1 Urban Grounds Coffee Shop, SE 12th and Division - Planting strips along Division absorb water and help filter runoff from the sidewalk. **2** St. Philip Neri, SE 16th and Division Stormwater flows from the parking lot and through pipes to a vegetated swale.

3 New Seasons Market, SE 20th and Division - Inter-connected stormwater swales surrounding the site collect runoff from the roof, outdoor plaza, and parking lot. Stormwater from a roof downspout showers a sculpture at the building's



NE corner. Three stormwater planters along the sidewalk collect and filter Division Street runoff.

4 Local 49 Building, SE 21st and Clinton

The roof drains into a sculpted waterfall, flows through a planted courtyard and into a drywell. The planting strip along the street absorbs runoff.

5 People's Co-op, 3029 SE 21st

Look for ecoroofs above the solarium and the front entrance. Ask to look from the community room for the best view. Downspouts drain to an underground cistern, which provides water for land-scaping. There are pervious pavers in the courtyard and a small landscaped area captures and filters water.

Nearby Points of Interest A OMSI, 1945 SE Water AvenueRunoff flows into the first vegetated

Runoff flows into the first vegetated swales in Portland.

B Seven Corners Swale, SE 20th and Division - A landscaped swale surrounds the parking lot.

C Red & Black, SE 22nd and Division Look for a kiosk with an ecoroof on 22nd.

D New Day School, SE 18th and Clinton The cob solar sanctuary has an ecoroof.

E SE 22nd and Powell - The parking strip along the walkway is planted to absorb water and add to the beauty of the neighborhood.