

Cleaning Water for Healthier Salmon

ADOPT
A
DOWNSPOUT

Polluted Stormwater Puts Local Salmon at Risk

Every day as vehicles travel throughout the beautiful City of Seattle and Washington State, pollutants from vehicles and tires are deposited on roadways and make their way into the local waterways when it rains or snow melts. Consider the I-5 Ship Canal Bridge; nearly 200,000 cars pass over that bridge daily. Vehicle and tire pollutants collect on the bridge and when it rains, the bridge's drainage system sends polluted stormwater into the Ship Canal below. Such toxic polluted runoff is known to kill migrating salmon before they have a chance to spawn.

(Source: [Tire-Derived Transformation Product 6PPD-Quinone Induces Mortality and Transcriptionally Disrupts Vascular Permeability Pathways in Developing Coho Salmon](#) | *Environmental Science & Technology*, Volume 57/Issue 30; July 2023)

Did you know?

Just one acre of pavement can put a million gallons of polluted runoff into Puget Sound each year

(Source: The Nature Conservancy)

How to Support Adopt-a-Downspout

This program harnesses the power of funders, partners, and community members to build, install, and maintain Boxes of Rain across our region.



Find out more and get involved:
www.stewardshippartners.org



One Box of Rain can treat up to 250,000 gallons of polluted stormwater annually or ~4,000 bathtubs per year.

Adopt-a-Downspout Creates Cleaner Waterways for Healthier Salmon

In order to drain rainwater, bridges have vertical pipes that function similarly to downspouts on homes. Some pipes carry polluted stormwater from the bridge's surface to the water body below. These downspouts present an opportunity for positive change. Stewardship Partners developed biofiltration planter boxes, called Boxes of Rain, that intercept stormwater from the bridge and treat it before returning it to our waterways. We're on a mission to install Boxes of Rain throughout the Pacific Northwest, engaging local communities in the adoption and maintenance of each box. **Join us.**


Stewardship Partners

In partnership with:

 **HERRERA**
Science • Planning • Design

 **WSDOT**

 **The Nature Conservancy**