

DRAIN RANGERS

A successful stormwater youth education approach



First Presenter



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City of Bothell™



Presentation

- ▶ History
- ▶ Stormwater permit
- ▶ Youth education explanation
- ▶ Drain Ranger curriculum
- ▶ Where we are now
- ▶ Where we are going
- ▶ Questions



History

- ▶ Stormwater Municipal Permit (NPDES)-2007
- ▶ Stormwater Outreach for Regional Municipalities (STORM)- 2008



History

- ▶ Ecology Grant- Drain Ranger initial design-2009
 - ▶ Badge
 - ▶ Pledge
 - ▶ Color pages



The Drain Ranger Pledge

I will do my duty as a Drain Ranger to guard Puget Sound,
to protect all aquatic animals large and small,
to prevent pollution from going down storm drains
into lakes, streams, rivers, and Puget Sound.
I will explain to others that car wash soap, dog poop
and chemical fertilizers can end up in storm drains.
I will help my family and friends stop polluting by showing them
the Puget Sound Starts Here website to find a better way.
I promise this on my honor as a Drain Ranger.

This document certifies that

is an official
DRAIN RANGER
Protector of Puget Sound

Puget Sound Starts Here

Chief Drain Ranger _____ Date _____



History

- ▶ GROSS Grant- Strategic plan and style guide- 2010



History

- ▶ New stormwater permit adding youth as a target audience-2013
- ▶ Implementation is currently sporadic
 - ▶ Some utilize staff educators
 - ▶ Some utilize non-profits
 - ▶ Some provide curriculum
 - ▶ Some don't provide anything
- ▶ **BOTTOM LINE-** stormwater education is administered sporadically in some schools and not at all in others
 - ▶ As a result, students do not obtain a basic understanding of stormwater concepts or behaviors that contribute to polluted stormwater runoff

How Schools Work

- ▶ Isn't possible to develop a lesson, deliver it to each district, and expect distribution
- ▶ Must work with educators to find out what is needed
- ▶ Must provide teacher training
- ▶ Must provide all materials



Partnerships Created

- ▶ STORM needed partners with expertise, interest, and funding
 - ▶ The Puget Sound Partnership
 - ▶ The Pacific Education Institute
 - ▶ Formal and informal educators
 - ▶ Stakeholders

