

Stormwater Education Toolkit— Borrowing the *Best of the Best*

ACWA Stormwater Summit
Wednesday, May 11, 2016



Introductions

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Three things you need to know.

1. Many utilities have developed good stormwater education programs.
2. If the materials are developed with public funding they can be adapted and used by other public agencies.
3. You don't need to recreate the wheel!

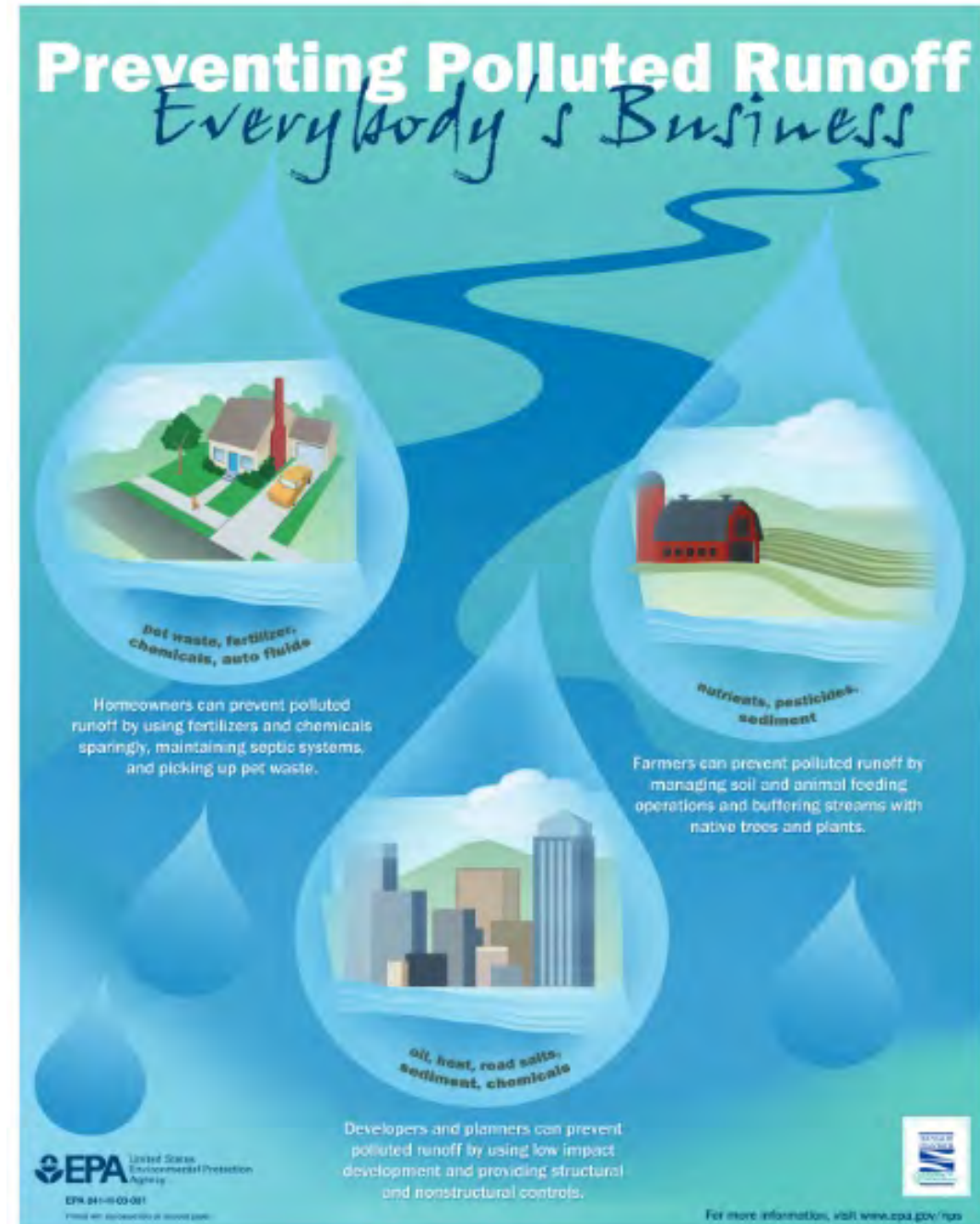
EPA Stormwater Materials

Free materials including the Stormwater Education Toolkit that contains thousands of educational products.

<http://www.stormwater.ucf.edu/toolkit/>

<https://www.epa.gov/npdes/customizable-stormwater-outreach-materials#undefined>

<https://cfpub.epa.gov/npstbx/searchMaterials.cfm?GroupID=62#Pet%20Care>



Washington Dept. of Ecology Stormwater Materials Website



The website provides a place to share stormwater materials. For example, this video can be tailored for use in other jurisdictions.

<http://www.ecy.wa.gov/programs/wq/stormwater/municipal/resources/PERMITTEEproducts.html>

City of Springfield Canine Calendar Contest

Canines for Clean Water Calendar Contest



Are you a Springfield resident?

Do you pick up after your pet?

Enter the Canines for Clean Water
Calendar Contest!

Calling All Springfield Dogs!

The City of Springfield is inviting **YOU**, our Springfield residents, to nominate your top dog for the first-ever Canines for Clean Water Calendar Contest. Your pooch could be among the dog models featured in the 2016 Calendar.

In 2015, the City launched its first-ever canine calendar contest for residents to enter their favorite dog for a feature in the 2016 calendar.



JANUARY



SEPTEMBER



FEBRUARY

Chloe, a Spring Chihuahua, doesn't like water when it rains. When he has to go out, he hops on his hind legs like a trout! This cat is a member of The Barker Family.

Compost This

Composting is a great way to help water quality. Using compost as a soil amendment helps water and nutrients to seep into and help soil hold it, reducing runoff and preventing these from being washed into our water.

- Disturbance which compost system needs food for you.
- City is simply to go to about a part kitchen scraps, yard coffee grounds, organic clippings, and a part leaves.
- Help yourself and the environment by putting compost to good use in your yard!

| Su | Mo | Tu | We | Th | Fr | Sa |
|----------------------|----------------------------------|----|----|----|---------------------|----------------------------------|
| | | | | | 1 New Year's Day | 2 |
| 3 | 4 | 5 | 6 | 7 | 8 | 9 Earth Day |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 Martin Luther King Jr. Day |
| 17 | 18 Martin Luther King Jr. Day | 19 | 20 | 21 | 22 | 23 Friday the 13th |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 New Year's Eve | | | | | | |

City of Springfield, OR
 Visit us at: springfield.or.gov
 541.425.3100
 500 North Main Street
 Springfield, OR 97520

Springfield Events
 January 1-2: Friday Night at the River
 January 8-10: Holiday Christmas Markets
 January 11: Parade of the City
 January 15-17: Friday, Saturday, and Sunday of the Week

| Character Day | February | March |
|---------------|----------|-------|
| 1 | 1 | 1 |
| 2 | 2 | 2 |
| 3 | 3 | 3 |
| 4 | 4 | 4 |
| 5 | 5 | 5 |
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| 30 | 30 | 30 |
| 31 | 31 | 31 |



JUNE



MAY

City of Salem Clean Streams, Clear Choices

A guide for Salem residents, provides practical ways people can make a positive difference.

<http://www.cityofsalem.net/Residents/CleanStreams/Pages/default.aspx>

http://www.cityofsalem.net/Residents/CleanStreams/Documents/clean_streams_resident_guide.pdf

Pollutants and Their Sources

Preventing water pollution is easier and less costly than cleaning polluted water. Fortunately, preventing water pollution is simple once you know the pollution sources and use common tips for prevention.

What are the sources of pollutants? Select a topic below to learn about common water pollutants and their usual sources.

"An ounce of prevention is worth a pound of cure."

— Benjamin Franklin

| SOURCE | POLLUTANTS | PAGE |
|--------------------------------------|--|------|
| Lawn and Garden Care | Pesticides, herbicides, fertilizers | 4 |
| Lack of Shade | Increased temperature and decreased dissolved oxygen | 6 |
| Bare Soil/Erosion | Dirt, pesticides, herbicides, fertilizers | 7 |
| Pets and Wildlife | Bacteria and nutrients. | 8 |
| Home Vehicle Maintenance | Oil, gas, antifreeze, brake fluid, heavy metals; soap, dirt, and grime (vehicle washing) | 10 |
| Litter and Household Hazardous Waste | Trash and toxic compounds from cleaning chemicals, pesticides, paint, and items containing mercury | 12 |

City of Medford Stream Smart

This Scoop on Poop image was courtesy of EPA, and used by other utilities around the US.



<http://www.stream-smart.com/>

<http://www.stream-smart.com/making-bear-creek-better/at-home/the-scoop-on-poop/>

Clean Water Services Community Resources and River Rangers Program

The River
Ranger booklets
cost less than
\$1,000 to get
started.

River Rangers

The River Ranger program is designed to be presented by environmental educators to inform the public (children and adults) about how they impact water quality through their use of sewer and storm systems.

The presentation and activity book are designed to provide the fundamentals of clean water in a manner that incorporates active group and individual participation as well as take home activities.

Washington County teachers can contact [Ely O'Connor](#) at 503.681.4463 to schedule a **free** 45-minute presentation for your students. This interactive environmental education program teaches about the water cycle, watersheds, pollution prevention, water conservation and wastewater treatment. The program is geared towards 4th grade students but can be adapted as necessary.

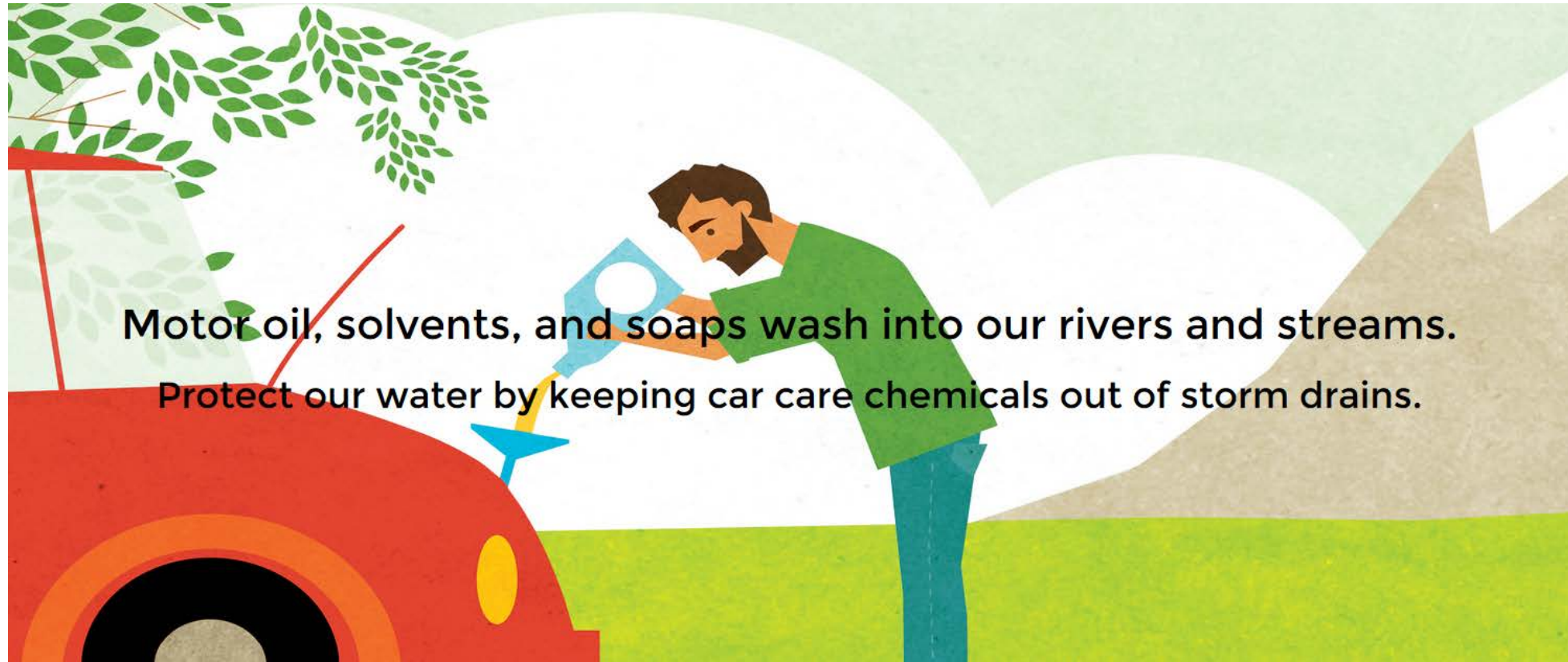
- Request a school visit through our [online request form](#).



<http://cleanwaterservices.org/for-residents/community-resources/>

<http://cleanwaterservices.org/for-residents/community-resources/education/>

The River Starts Here



Motor oil, solvents, and soaps wash into our rivers and streams.
Protect our water by keeping car care chemicals out of storm drains.

<http://theriverstartshere.org/>

[Clackamas County Water Environment Services, Clark County,
Clean Water Services, Washington County, Multnomah County](#)

Have you borrowed materials from
other agencies?

What were the benefits and
challenges?

If you have not borrowed materials from other agencies—why not?

Would it be useful to have links to these online materials on the ACWA website?

Do you have other ideas for sharing materials?

Thank you!



why we put dog poop in little plastic baggies

- Our neighbors like us to.**
- It makes our dogs feel important.**
- It keeps the poop from being washed into the storm drains.**

Select them all, and it's "two paws up" for you!