

# Stormwater

## Education & Outreach

Laurie Devereaux  
Utilities

November 4, 2021





# Information

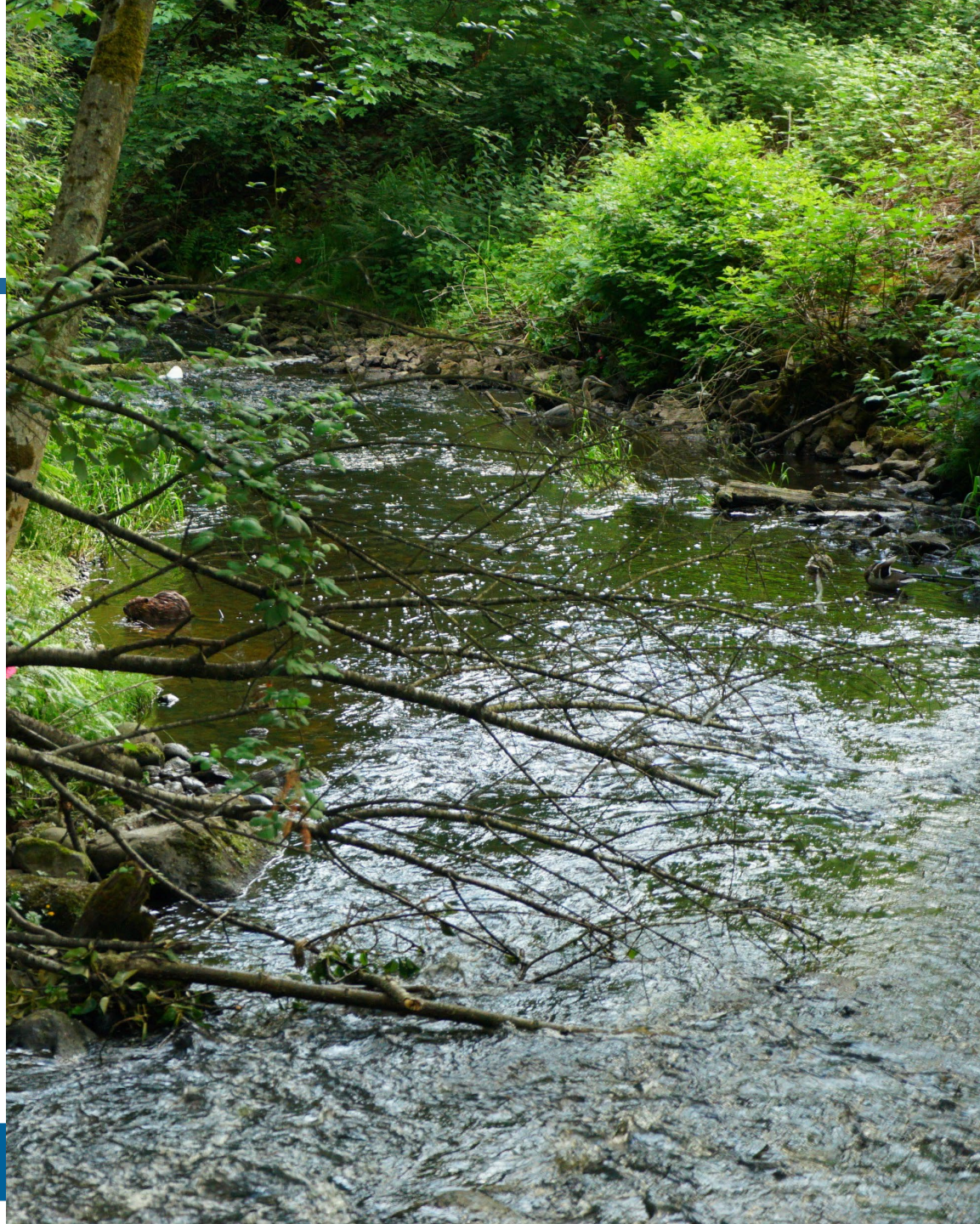
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No action by the Commission is required at this time.



# Agenda

1. Dumpster Campaign
2. Community Outreach
3. Stream Team Volunteers







Hazardous  
Waste?

Bulky Waste

Open Lids

Overflow

Leak?

Appliances

Cooking Oil  
Splatter

Garbage everywhere

# Social Marketing



UW Evans School of Public Policy & Governance



City of Bellevue  
City of Burien  
City of Monroe  
City of Mukilteo  
City of Des Moines  
City of Kent  
City of King County  
City of Kirkland  
City of Lacey  
City of Lake Forest Park  
City of Lakewood  
City of Lynnwood  
City of Marysville  
City of Newcastle  
City of Olympia  
City of Redmond  
City of Renton  
City of Sammamish  
City of Shoreline  
City of Tacoma  
City of Tumwater  
City of Woodinville  
Kitsap County  
Snohomish County  
Thurston County

# The Dumpster Summit





We want businesses to close lids on dumpsters every time they take out the trash.

Less Smell



Fewer Pests



No Rain Inside



Puget Sound  
Starts Here.org

- Reduce pests
- Reduce smell
- Reduce illegal use
- Cleaner look

# Research



Out of 28 observations	# Lids Open	# Lids Closed
Before Campaign	24	4



## Keep The Lids Shut – New Dumpster Lid Program

Brierwood  
Near Lake Bellevue  
Bellevue, WA 98008

Re: Coming soon to a dumpster near you!

Dear Brierwood

The City of Bellevue Water Quality Staff will be putting stickers on your dumpsters to remind users to put the lids down after each use. Closing lids on dumpsters reduces smells, pests, and keeps rain out.

We want to make it as easy as possible for you and your employees to close the dumpster lids every time you take out your garbage or recycling. We'll also be delivering reminder signs and posters, eggs and information about keeping dumpster areas clean, and additional free options like a pledge, floor signs, and a voucher for a step stool.

Open dumpsters can cause problems for local waterways. When lids are left open, rainwater gets in. Then dumpster juice can leak from dumpsters or pour out when it is emptied into the garbage truck. Sometimes, it even leaks from the garbage truck. When this happens, pollution from the dumpster juice gets washed into the nearest storm drain and then flows into nearby bodies of water like Lake Bellevue, Kelsey Creek, and Lake Washington.

We would like to meet with you to give you materials and chat briefly.

We will be in your area between March 25-31. We will try to reach out to set up a time or you can reach out to Laurie Devereaux, Bellevue Stream Team Program Administrator, to schedule a time at [ldevereau@bellevuewa.gov](mailto:ldevereau@bellevuewa.gov) or 425-452-5200. If we don't coordinate a time, we'll stop by when we are already in your neighborhood.

We look forward to being partners in helping protect local water quality.

pest fishes,

  
Laurie Devereaux

City of Bellevue Utilities  
Water Quality, Stream Team  
425-452-5200 | [ldevereau@bellevuewa.gov](mailto:ldevereau@bellevuewa.gov)

Water Quality  
Bellevue Service Center • 2001 115th Ave NE • Bellevue, Washington • 98004  
Bellevue City Hall located at 400 110th Avenue NE



### KEEP IT CLEAN!

INFO AND TIPS TO KEEP YOUR DUMPSTER AREA CLEAN




Less Smell Fewer Pests No Rain Inside



#### SHUT IT!

Close the lids on all of your dumpsters to reduce smells, deter pests, and keep water out. Closing lids helps prevent stormwater pollution and keeps recycling clean, empty, and dry.

Hard to reach? Find a tool that can help! Make sure your tool gets put away after each use so they do not interfere with garbage trucks. Local businesses are using:

- An outdoor stool for easy reach
- A simple pole or old tool handle to prop lids open temporarily and to flip lids open and closed



#### REPORT IT!

Report broken lids, lids trapped open against a wall, or dumpster leaks as soon as possible for maintenance or replacement.

Contact Republic Services at 425-646-2492.



#### CLEAN IT!

Prevent messes and be prepared to clean up immediately when they happen.

- Have a spill kit readily available that is appropriate for your business.
- Inspect and sweep around dumpsters at least once a week.




Bellevue Utilities Hotline:  
Report spills or water quality concerns  
to 425-452-7840

# KEEP THE LID SHUT



Less Smell Fewer Pests No Rain Inside







Out of 28 observations	# Lids Open	# Lids Closed
Before Campaign	24	4
After Campaign	3	25

# Next Steps

Evaluate Data

Survey what worked

Survey what didn't work

Modify Program

Implement in 2022



# Community Outreach



## Pond At Work

Beginning in the 1860s, miners dug into the hillside far and as the headwaters of Coal Creek. All the unwanted rock debris over the hillside formed steep slopes of unstable rocks. Now, when big storms hit, high waves from every the loose rock downslope, which can damage habitat and property.

This human-made sediment pond was created to trap excess rocks. Every summer, Bellevue Utilities downs the stream and cleans out the excess rocks in the pond so trap more rocks the following winter.



Is the pond nearly full of rocks or not?



Large and small rocks make the bed of the stream and the pond.

### Natural Stream Stabilizers

Have you noticed all the logs in Coal Creek? Logs were removed from this area, but now hundreds of logs, native trees, and plants have been returned along this creek. They perform an important job: helping stabilize the loose rock and improve habitat.

Do you think logging this stream for timber was a good idea? Why or why not? How do you think the stream would be different if there were no logs? What do you think the stream would be like if there were no logs? What do you think the stream would be like if there were no logs?

BELLEVUE  
STREAM TEAM

Coal Creek Natural Area



**Bellevue School District**

October 11 at 5:31 PM · 🌐

Through an ongoing relationship and collaboration with the Snoqualmie Tribe and the City of Bellevue Stream Team, BSD is pleased to share our new social studies unit on the kokanee salmon. The unit is centered on the cultural significance of kokanee salmon to the Snoqualmie Tribe as well as the tribe's stewardship of the kokanee and their habitat around Lake Sammamish.

<https://bit.ly/3oPODh5>



BSD405.ORG

**BSD Announces Kokanee Salmon Unit to Promote Common Good and Develop Cultural Competence**

# Saving The Little Red Fish

**3<sup>rd</sup> Grade Curriculum**

Bellevue School District

Bellevue Stream Team

Snoqualmie Tribe

# Stream Team Volunteers

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Peamouth Patrol



Salmon Watchers





# Questions?

