

Here are the answers to the City of Enumclaw-KCD Survey
THANK YOU to everyone who participated!

Answers are underlined in bold. “Don’t know” is also a correct answer...we’re all learning! 😊

Questions 1, 2, 3 and 15 (not included on this answer sheet) asked about individual experiences and so responses varied among individuals. The answer key begins with Question 4 and ends with Question 14:

4. What is stormwater?
- a. Water from toilets, sinks and showers
 - b. Rain
 - c. Snowmelt
 - d. Both rain and snowmelt**
 - e. Don’t know
5. Industry is a main source of stormwater pollution.
- a. True
 - b. False**

Individuals, households, and businesses are the biggest source of water pollution. According to the Dept of Ecology, more than 60% of water pollution comes from things like cars leaking oil onto hard surfaces (roadways, parking lots, etc.), pet waste, fertilizers and pesticides from farms and gardens, failing septic systems, and other non-industrial sources.

6. What are other sources of stormwater pollution? Check all that apply.
- ✓ **Yard clippings**
 - ✓ **Pet waste**
 - ✓ **Fertilizer & Pesticides**
 - ✓ **Oil and other fluids leaked from vehicles**
 - ✓ **Washing cars on pavement or other hard surfaces**
 - ✓ **Exposed soil**
 - ✓ **Runoff from parking lots**
 - Don’t know

It all adds up!

7. Stormwater systems include...Check all that apply.
- Septic tanks, drain fields
 - ✓ **Ditches and grassy swales**
 - Sewers
 - Wastewater treatment plants
 - ✓ **Underground pipes and vaults**
 - ✓ **Ponds**
 - Don’t know

Did you know? Most stormwater is not treated before it flows, along with its hitchhiker pollutants, into our streams and other waterways—and ultimately into Puget Sound where stormwater is a major source of water pollution. Only Rain Down the Drain.

8. What is a watershed?

- a. A structure that contains equipment to measure rainfall.
- b. A land area that drains stormwater and runoff into the same creek, river, bay, beach or ocean.**
- c. A very large rain event that overflows storm drains.
- d. A type of material sprayed on pavement to help water runoff.
- e. Don't know.

Enumclaw lies within two watersheds: The Green-Duwamish Watershed on the north side of town (Newaukum Creek), and the Puyallup-White River Watershed on the south side of town (Boise Creek).

9. If I live miles from the nearest stream or lake, my activities do not affect water pollution.

- a. True
- b. False**

What we put on the ground can find its way to our streams or make its way into aquifers.

10. Even if pesticides and fertilizers from my yard reach the stream, they get diluted and are not a problem.

- a. True
- b. False**

*Every little bit adds up...Even a small amount of some chemicals can kill fish and other aquatic organisms. Fertilizers can cause excess algae growth in our waterways which, along with harmful algal blooms, depletes oxygen and nutrients in the water that fish and other aquatic creatures need to survive and thrive. Consider using pest resistant native plants that need very little or no fertilizer. **Hint:** the KCD Annual Native Bareroot Plant Sale is going on NOW! http://kingcd.org/pro_native.htm*

11. Streamside vegetation should be cleared and mowed regularly to allow access to the stream.

- a. True
- b. False**

Trees and other native vegetation along stream corridors (aka riparian buffers) provide shade to help cool the water. Trees and native vegetation along stream corridors also reduce bank erosion and provide valuable habitat and food for fish, wildlife, and beneficial insects.

12. Pet waste is “natural” and only needs to be cleaned up in public places like parks and trails.

- a. True
- b. False**

Bacteria and pathogens from pet waste in yards, walking paths and other outdoor areas can remain for long periods of time. They can make you sick and find their way into our streams and drinking water supply—Eeeeeoooo!

13. The best way to dispose of pet waste is to

- a. Put it in a compostable bag and flush it down the toilet
- b. Toss it in your neighbor's yard

- c. Flush it down the storm drain
- d. **Scoop it, bag it, and place it in the trash.**
- e. Don't know

***DO** put bagged pet waste in trash containers. **DON'T** put pet waste (bagged or not) in yard waste containers. People wonder if pet waste can be composted. The short answer is **NO**, because some bacteria/pathogens in pet waste can remain for long periods of time and are resistant to heat. For more information on pet waste see the Pet Waste FAQs recommended by the Dept of Ecology (online search **PoulsboPETwasteFAQ.pdf**). Watch the Dog Doogity video <https://www.youtube.com/watch?v=jDh12w-icfs> for a catchy tune about picking up pet waste...and a laugh or two.*

14. My actions don't make a difference because stormwater-caused water pollution is too big of a problem.
- a. True
 - b. **False**

The problem of stormwater pollution is the result of many individual actions over time. The good news is that the solution to stormwater pollution is the same as the problem...many individual actions over time. Your actions DO make a difference!

End of Survey Answer Sheet

Again, thank you all for participating in the City of Enumclaw-KCD Stream Steward Survey. The valuable anonymous information that you provided will be used to help inform and fund future water quality programs.

For more information about stormwater runoff problems and solutions check out:

- Washington Stormwater Center (www.wastormwatercenter.org/)
- Washington State Dept. of Ecology (www.ecy.wa.gov/water/stormwater/index.html)
- U. S. Environmental Protection Agency (www.epa.gov/water/stormwater)

Don't forget about the 2016 KCD Annual Bareroot Plant Sale where you can purchase healthy native plants through Feb 22nd http://kingcd.org/pro_native.htm

Please contact Dianne or Liz with questions/comments/ideas:

Dianne Dochow

*Sr. Engineering Technician, CESCL
Stormwater Specialist
City of Enumclaw
1309 Myrtle Ave, Enumclaw 98022
360-615-5668 office
ddochow@ci.enumclaw.wa.us*

Liz Clark – Planning & Sub-Basin Targeted
Outreach Program Assistant

1107 SW Grady Way, Suite 130 Renton, WA 98057
Office: (425) 282-1901 | Cell: (206)794-4906 | Fax: (425)
282-1898 | elizabeth.clark@kingcd.org | www.kingcd.org