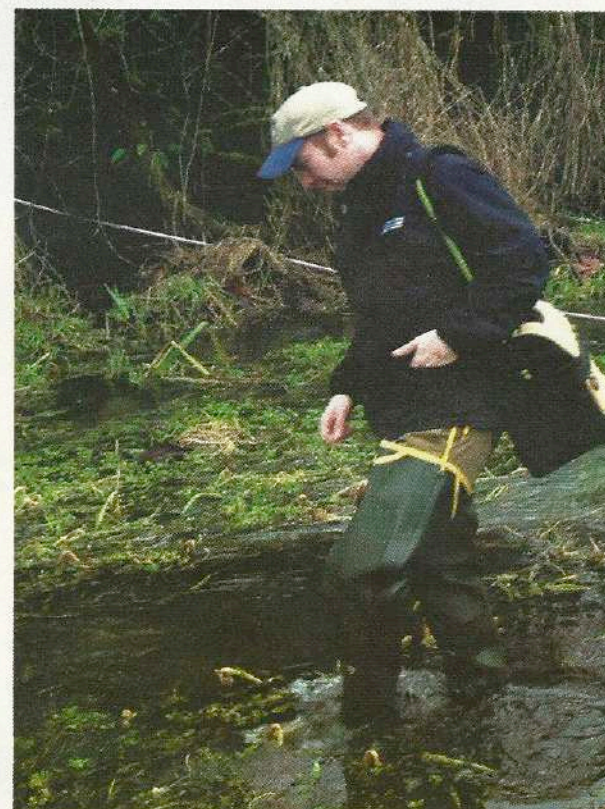
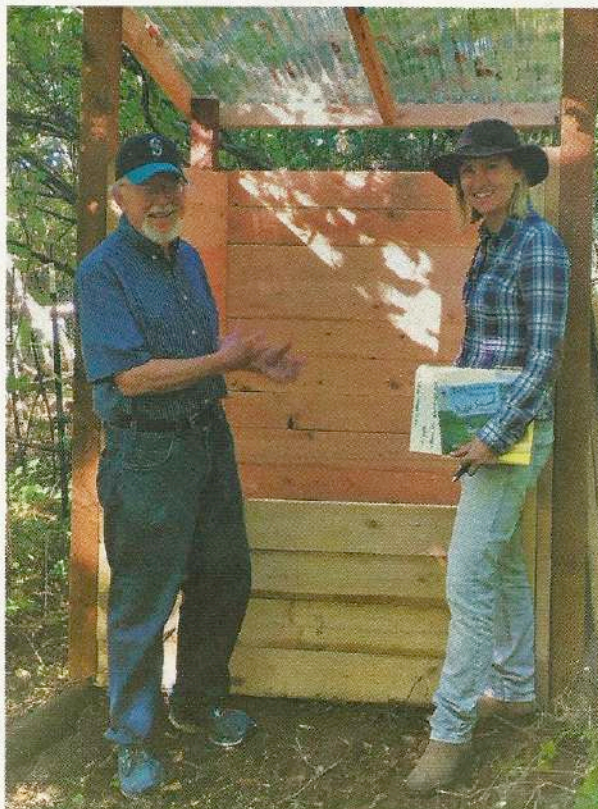




www.piercecountywa.org/shellfish

WORKING TO IDENTIFY, CORRECT, AND PREVENT WATER POLLUTION

Help Puget Sound! Report water pollution (253) 798-4274 or (360) 407-6300



Key Peninsula 2017 Water Quality Report

Tacoma-Pierce County Health Department

Tacoma-Pierce County Health Department works to protect and improve the health of all people and places in Pierce County, including the Key Peninsula community. We work to make our water clean and safe for everyone to enjoy.

What We Do:

- Identify and correct sources of bacteria pollution.
- Monitor lakes for toxic algae and let people know when conditions are unsafe for swimming.
- Help the Washington State Department of Health monitor shellfish for toxins and let people know when shellfish aren't safe to harvest. (You can check for current conditions at doh.wa.gov/shellfishsafety.)
- Make sure septic systems are designed, installed, and maintained to protect water quality and keep people healthy.

Pierce Conservation District

Pierce Conservation District is a non-regulatory agency working in collaboration with local land-owners to conserve natural resources since 1949. We promote sustainable farming that benefits soil health, water quality and human health.

What We Do:

- Offer one free soil sample for livestock and crop farmers.
- Provide technical assistance (including free site visits) to livestock and crop farmers.
- Assist with the installation of rain gardens and restoration plantings.
- Provide resources (engineered designs, financial and technical assistance) to farmers who need help implementing best management practices.
- Coordinate volunteer water quality programs for local streams through training and providing necessary equipment.
- Offer free workshops, farm tours and other educational opportunities.

Pierce County Planning and Public Works

Pierce County Surface Water Management, a division of Pierce County Planning and Public Works, works to improve water quality and to protect people and property from flooding.

What We Do:

- Construct projects to reduce flood risk and improve water-quality and habitat conditions.
- Collect water quality and insect samples to track changes in watershed health.
- Investigate illegal discharges to stormwater systems.
- Inspect stormwater facilities so they perform well.
- Inform Pierce County residents about water quality problems and improvements.

Grades for Shellfish Growing Areas around Key Peninsula and Anderson Island

Kitsap County

Mason County

Pierce County

1. Carney Lake
2. Stansberry Lake
3. Doyle Pond
4. Roland Lake
5. Minterwood Lake
6. Jackson Lake
7. Herron Lake
8. Palmer Lake



Grading Shellfish Growing Areas

The grades provided are based on marine water quality samples collected by the Washington State Department of Health. These samples have been used to generate this report's letter grades. For more information about the grading system visit: piercecountywa.org/shellfish.

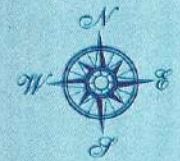
What YOU can do to improve these grades:

- Get your septic system inspected and pumped (if needed).
- Scoop your pet waste and dispose of



What YOU can do to improve these grades:

- Get your septic system inspected and pumped (if needed).
- Scoop your pet waste and dispose of it in the garbage.
- Collect, cover, and compost livestock manure or use a disposal service.
- Practice natural yard care and use less fertilizer and no pesticides.
- Don't dump yard clippings on the beach. Compost or use yard waste collection instead.
- Help monitor! Stream Team and Algae Watch programs need volunteers.



Contacts:

If you have comments regarding this report, please let us know.

Pierce County Surface Water Management
www.piercecountywa.org/shellfish
 (253) 798-2725

Tacoma-Pierce County Health Department
www.tpchd.org
 (253) 798-6470

Pierce Conservation District
www.pierccd.org
 (253) 845-9770

10/11/2017





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Key Peninsula 2017 Water Quality Report



About This Report

There are several agencies working together to assess and improve water quality on the Key Peninsula, which are collectively known as the Clean Water Partners. This report provides a summary of current water quality and conditions, and the activities underway to improve and protect our lakes, streams, and salt water beaches.

This project has been funded wholly or in part by the United States Environmental Protection Agency under Assistance Agreement PC-01J18001-1 to Washington Department of Health. The contents of this document do not necessarily reflect the views and policies of the Environmental Protection Agency, nor does mention of trade names or commercial products constitute endorsement or recommendation for use.

Key Peninsula Stream Water Quality

In June of 2017, Pierce County Surface Water Management published a report card for local area streams based on the results of water quality samples collected in 2016. A mix of factors are combined to provide an understanding of stream health, and help direct pollution correction efforts. More information about the grading criteria can be found at: www.piercecountywa.org/wqreportcard

Stream Name	Grade
Dutchers Creek	C+
Minter Creek	C-
Purdy Creek	B
Schoolhouse Creek KP	C+
Herron Creek	C+
Vaughn Creek	C+
Rocky Creek	B
Little Minter Creek	B+
Huge Creek	C+

Key Peninsula Lake Water Quality

No agency or organization is regularly checking water quality in our lakes. However, Tacoma-Pierce County Health Department does monitor potential toxic algae growth on both public access and private lakes. These particular algae can produce toxins capable of killing pets, waterfowl, and other animals. They can also cause serious illness or even death in people. More information about toxic algae can be found at: www.tpchd.org/toxicalgae.

Lake Name	Toxic Algae Advisory in 2017	pre-2017
Bay Lake*	Caution	Yes
Carney Lake*	No Advisory	No
Doyle Pond	No Advisory	No
Herron Lake	No Advisory	No
Jackson Lake*	No Advisory	No
Lake Minterwood	Caution	Yes
Palmer Lake	No Advisory	Yes
Roland Lake	No Advisory	No
Stansberry Lake	No Advisory	Yes

*Lake has WDFW Boat Launch Access