

# Carolina-Terwilliger Subwatershed

## Improvement Strategies

2009

Carolina-Terwilliger Subwatershed at a Glance

Subwatershed covers 854 acres

About 500 feet of natural Willamette River bank remain

Osprey, hawks, herons and other birds use Cottonwood Bay as stop-over habitat

5.4 miles of open stream channels

234 acres of parks and open space

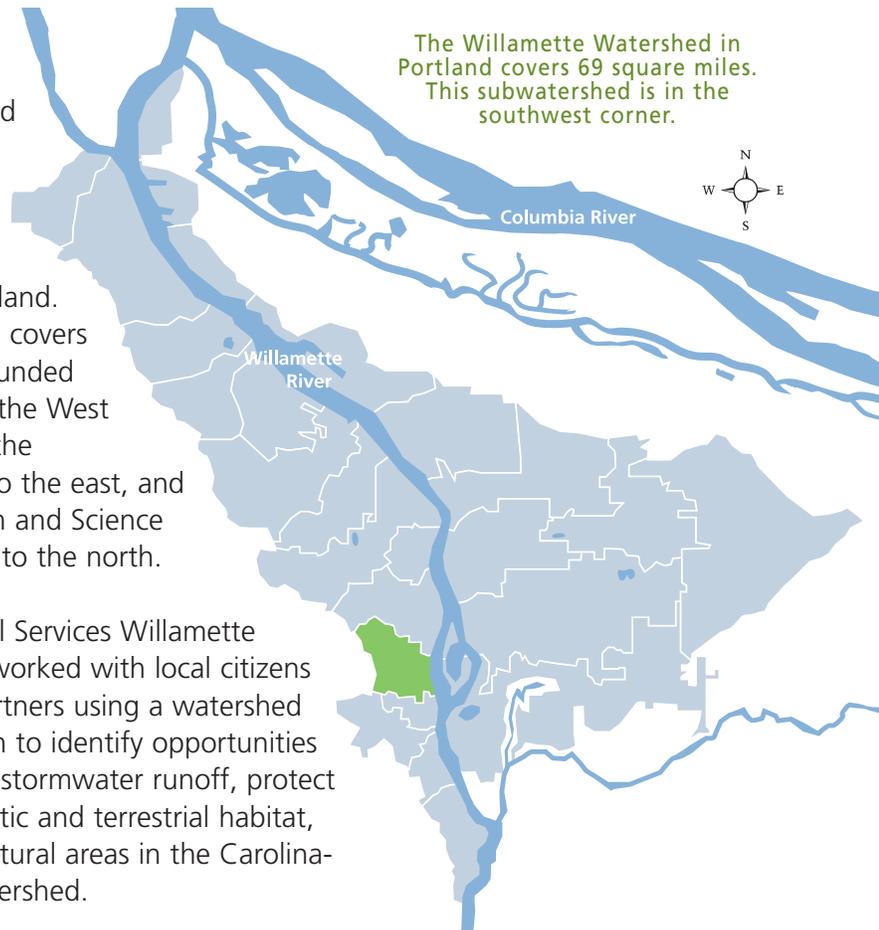
190 acres in public ownership

Impervious area, mostly streets, covers about half the watershed

The Carolina-Terwilliger Subwatershed is one of 27 subwatersheds that make up the Willamette Watershed in Portland. The subwatershed covers 854 acres. It is bounded by the summit of the West Hills to the west, the Willamette River to the east, and the Oregon Health and Science University (OHSU) to the north.

The Environmental Services Willamette Watershed team worked with local citizens and numerous partners using a watershed planning approach to identify opportunities to better manage stormwater runoff, protect and improve aquatic and terrestrial habitat, and revegetate natural areas in the Carolina-Terwilliger subwatershed.

Environmental Services has identified opportunities to improve watershed health in the Carolina-Terwilliger Subwatershed. The project opportunities are outlined in the Carolina-Terwilliger Subwatershed Improvement Strategies (IS) Report which will help guide the City of Portland's ongoing efforts to protect and improve watershed health. The report builds upon the principles of the Portland Watershed Management Plan.



The Willamette Watershed in Portland covers 69 square miles. This subwatershed is in the southwest corner.



Cottonwood Bay



ENVIRONMENTAL SERVICES  
CITY OF PORTLAND  
*working for clean rivers*

Dan Saltzman, Commissioner  
Dean Marriott, Director

Implementation of potential projects will include collaboration and partnerships with other city bureaus, willing landowners, neighborhood groups, non-profits and local agencies to achieve the greatest overall watershed health benefits.

Priority areas highlighted in the Carolina-Terwilliger Subwatershed IS Report include the unique and valuable habitats associated with Marquam Nature Park, George Himes Park, Cottonwood Bay, the Terwilliger Corridor and an unnamed stream reach that drains into the city's combined sewer system at SW Mitchell Street. The Willamette Watershed team will work with partners to develop opportunities for improvements in the Carolina-Terwilliger Subwatershed in the following areas:

- ✓ Implementation of ecoroofs, green streets, parking lot retrofits and other stormwater management opportunities throughout the subwatershed
- ✓ Expansion of revegetation projects underway along streams and in the uplands along the Terwilliger Corridor, the Willamette River and in Marquam Nature Park
- ✓ Improvements to aquatic habitats through stream daylighting and Willamette River restoration projects



A stream flows into the sewer system in George Himes Park

Get more project information and view the Subwatershed Improvement Strategies Reports at [www.portlandonline.com/bes/subwatersheds](http://www.portlandonline.com/bes/subwatersheds). For more general watershed information, visit [www.portlandonline.com/bes/watershed/willamette](http://www.portlandonline.com/bes/watershed/willamette) or call 503-823-7740.