

A large salmon is swimming in a stream, with a waterfall visible in the background. The salmon is the central focus, showing its characteristic spotted pattern and reddish-orange belly. The water is clear, and the surrounding environment appears to be a natural, rocky stream bed.

Salmon-Safe Certification Progress Update to City Council

October 2, 2019

What is Salmon-Safe?

- Non-profit, headquartered in Portland (est. 1996)
- Independent science team-program verification against peer review standards
- Protect/improve water quality, habitat and watershed health
- Focus on site design and management
- Leading regional “eco-label” with over 800 certifications



Salmon-Safe for Portland

- Parks and Recreation became Salmon-Safe certified in 2004 and recertified in 2011 and 2018
- In 2013 Mayor Hales pledged Portland would become the first Salmon-Safe certified city in the world
- City bureaus: BES, Water, PBOT, OMF and Fire and Rescue worked with Salmon-Safe to become conditionally certified in October 2016



City Requirements

- There are cross-bureau conditions and conditions per bureau to meet certification
- PP&R's 2018 recertification had 4 conditions



SALMON-SAFE INC.

City of Portland Mayor's Challenge

REPORT OF THE SCIENCE TEAM
REGARDING SALMON-SAFE CERTIFICATION
OF THE CITY OF PORTLAND'S BUREAU OF ENVIRONMENTAL
SERVICES, BUREAU OF TRANSPORTATION, WATER BUREAU,
OFFICE OF MANAGEMENT AND FINANCE,
AND PORTLAND FIRE AND RESCUE

Portland, Oregon

August 16, 2016



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Cross-Bureau Conditions

- Three bureaus have completed an assessment of all largely vegetated properties ≥ 1 acre to prioritize habitat and restoration opportunities
- Three bureaus have water conservation plans in place, 2 bureaus have drafted plans



A close-up photograph of two spotted salmon swimming in a stream. The fish in the foreground is in sharp focus, showing its dark, spotted scales and reddish-orange fins. The second fish is slightly behind and to the left, also swimming in the same direction. The water is clear, and the streambed with some rocks and debris is visible. The text 'Bureau Progress Highlights' is overlaid in white, sans-serif font across the middle of the image.

Bureau Progress Highlights

Portland Parks & Recreation

From 2018 Recertification Letter:
“Over the 15 years that Salmon-Safe has engaged with PP&R, the bureau has demonstrated its commitment to ecological stewardship and served as a regional and national example of environmental restoration in municipal park system management.”



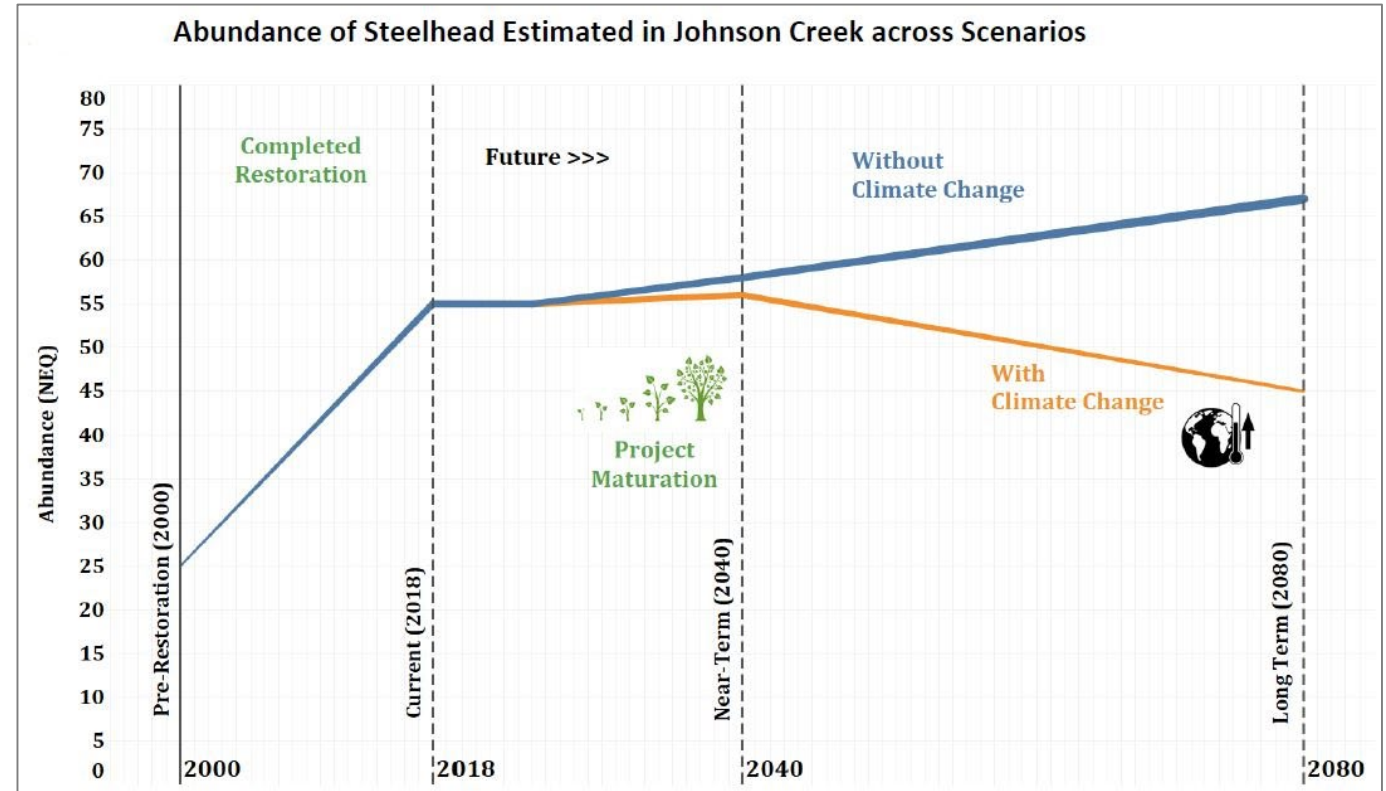
Portland Parks & Recreation

- Continue system-wide progress in restoring habitat
- Continue to improve irrigation efficiency and water conservation efforts
- Creation of Ecologically Sustainable Landscape Program
- Continue to serve as a leader in Integrated Pest Management







Bureau of Environmental Services

- Third party evaluation of benefits of BES habitat restoration projects from 2000-2023
- Modeled future conditions in city watersheds with and without projected climate change impacts, to help prioritize future investments for salmon recovery




Bureau of Environmental Services

- 2019 Watershed Report Cards Coming Soon!
- www.portlandoregon.gov/bes/reportcards
- Track watershed health, linking projects to overall improvements

Bureau of Environ...    

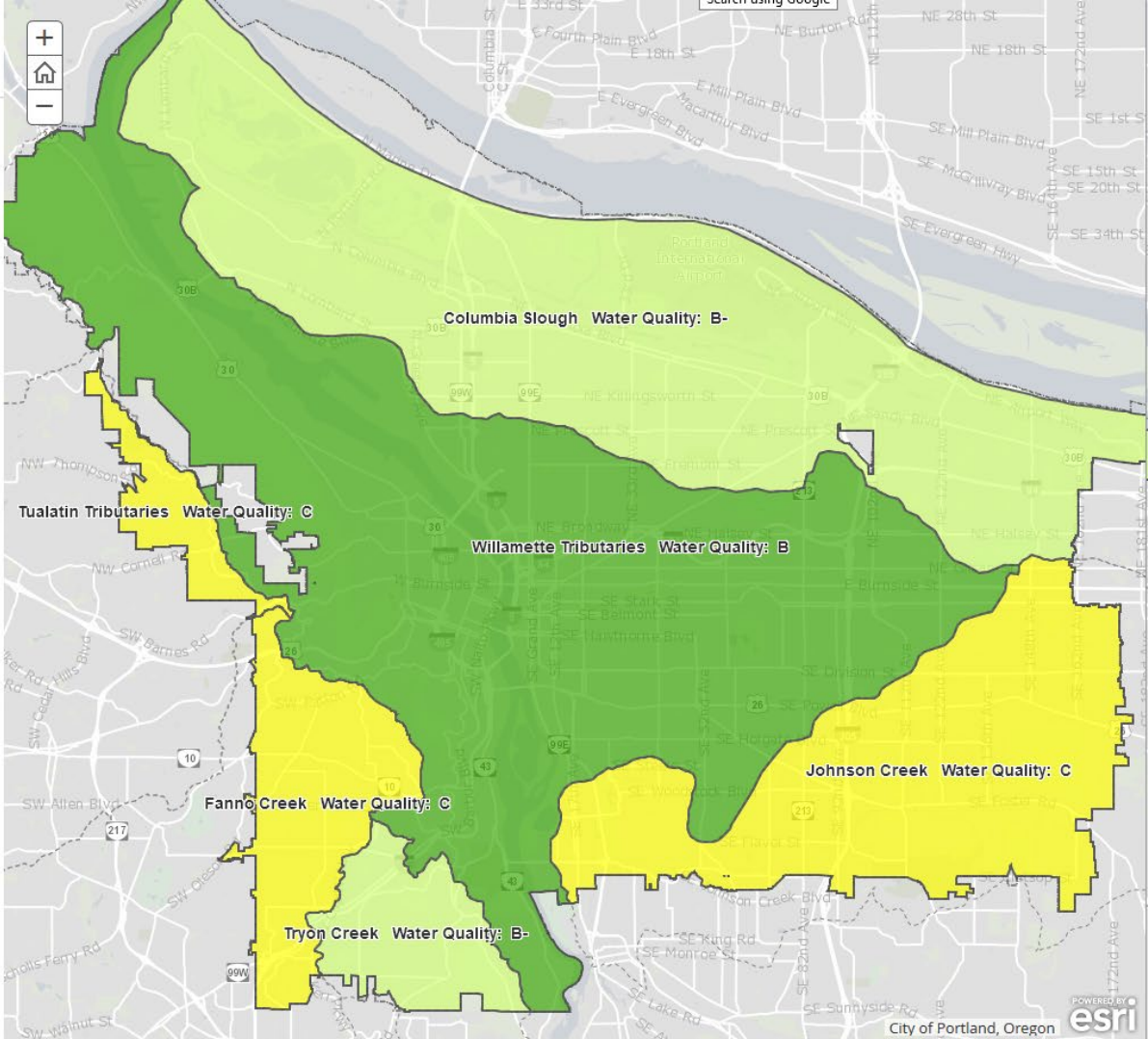
Watershed Report Cards


Healthy rivers, streams, forests and wetlands help keep our homes and neighborhoods safe and livable. They help prevent flooding and protect the city's infrastructure. And, they provide a place for salmon and other wildlife to live and thrive in our city.



What do we measure?

We rely on multiple metrics as indicators of watershed health. Below is a description of the indicators currently used to calculate the Watershed Health Index and a brief



City of Portland, Oregon 

Bureau of Transportation

- Reengineered Building H “Tack Cleaning Shed” to fully contain material



Bureau of Transportation

- Developed PBOT specific Integrated Pest Management Plan for our Green Spaces crews
- Developed a water conservation plan to reduce amount of water used in our operations. PBOT has not been irrigating street area landscaping for over 10 years



Water Bureau

- A more eco-friendly polishing agent on the Benson Bubblers



- A Water Management Plan for the reservoirs at Mount Tabor



Office of Management and Finance

- Pest management citywide price agreement requires Integrated Pest Management approach and references Salmon-Safe
- New Sustainable Procurement model specs, guides, and training materials reference Salmon-Safe



Use This Guide When Procuring

- Interior pest management services
- Exterior pest management services for buildings and grounds

What is Integrated Pest Management?

The cornerstone of a sustainable pest management program is following an integrated pest management (IPM) approach. IPM focuses on pest prevention measures and using pesticides only when necessary. IPM programs generally involve identifying pests, monitoring pest issues, setting action thresholds, prevention, and controlling the pest population.

How to Procure

Utilize the [Citywide Price Agreement](#) for IPM services.

Minimum Specifications

Require that contractors:

- Follow integrated pest management (IPM) [best practices](#) as outlined by Portland Parks & Recreation, including referencing their approved product lists.
- Follow elements for IPM plans in [LEED O+M Existing Buildings v4](#).
- Comply with [Salmon-Safe](#) certification requirements.

Procurement staff: check the [SP Language Library](#) for template specifications.

SUSTAINABLE PROCUREMENT GUIDE

Pest Management

August 2019



Going Beyond Requirements

Procurement staff: check the [Evaluative Criteria Question Pool](#) for applicable evaluative criteria questions.

- Seek contractors that are certified by [GreenPro](#) or [Green Shield](#) or a program with equivalent IPM standards.

Other Tips

- Practice pest prevention.
 - Remove food and water sources for pests.
 - Ensure trash and recycling is properly contained and emptied frequently.
 - Eliminate pest entry points.
- When designing or retrofitting buildings, incorporate [design practices](#) that discourage pests.
- Consider other non-chemical methods for managing weeds or invasive species, such as utilizing [goat grazing services](#).

Office of Management and Finance

CityFleet

- Provided improved training for vehicle and equipment leak detection and prevention for City drivers and operators
- Completed feasibility study for transitioning to
“Bull Run” quality protection practices
- Fuel site upgrades expected to break ground
Fall of 2019.



Fire and Rescue

- Reduced fire station water consumption by replacing landscaping with drought-tolerant plants
- Continue to redirect fire station down spouts to stormwater collection systems for irrigation



Fire and Rescue

- Removed all harmful pesticides from fire station supply and inventory
- Fire station cleaning supplies contain 90% “Green” products that will not hurt the environment



Next Steps

- Continued bureau implementation of Salmon-Safe conditions
- Consider re-certification of all bureaus in 2 years





Thank you