

The start of Salmon Sanctuaries in Portland



ENVIRONMENTAL SERVICES
CITY OF PORTLAND
working for clean rivers

PBOT
PORTLAND BUREAU OF TRANSPORTATION



Bureau of Planning and Sustainability
Innovation. Collaboration. Practical Solutions.



PORTLAND
PARKS & RECREATION
Healthy Parks, Healthy Portland

Legacy of Salmon in the Pacific Northwest

Salmon have defined the Pacific Northwest by:

- Transporting nutrients to our soils, forests, and wildlife
- Cleaning our rivers
- Serving an integral role in the culture, religion and physical sustenance of Indigenous peoples;
- Supporting early settlers and timber, fur trade, and fishing economies

We would live in a very different place if not for salmon.

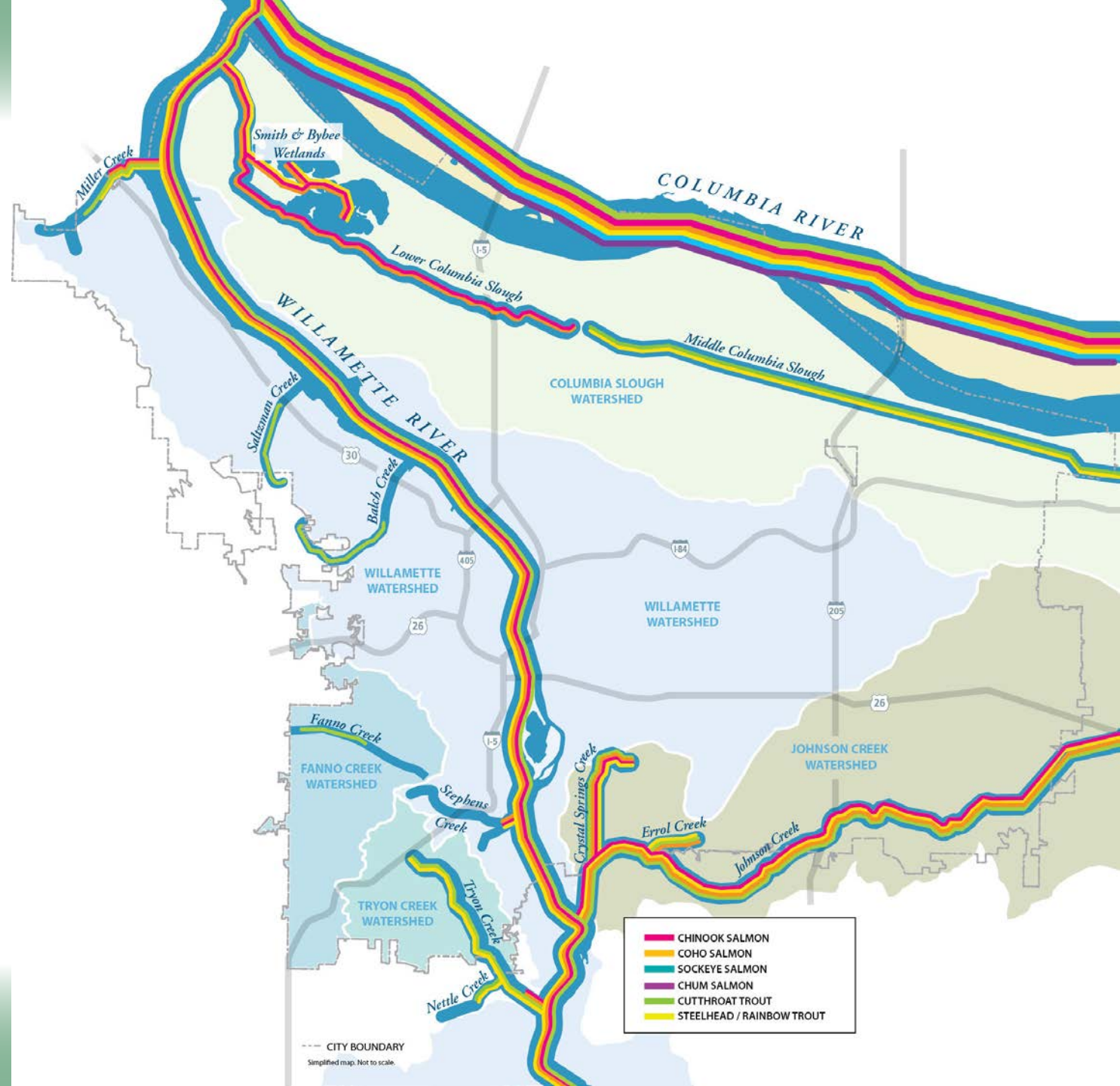


The Decline of Salmon

Salmon that once thrived in Portland are now threatened with extinction.

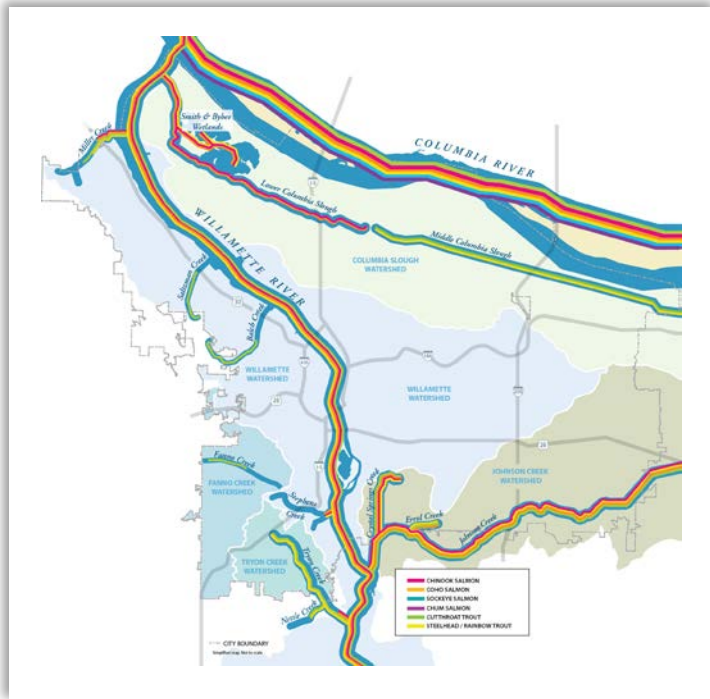
- We overfished, blocked and degraded habitat, polluted the water, and dredged spawning grounds, but salmon still return to Portland.
- Since 1998, 13 distinct populations of five species of salmon and steelhead have been listed for protection under the Endangered Species Act.

More than any other major city on the West Coast.



Regional significance

What we do in Portland matters to salmon throughout the region.



Portland is a keystone location: Every salmon in the Columbia and Willamette basin passes through the city TWICE.



Salmon Recovery – coordinating across bureaus



Crystal Springs— By the Numbers

48%

of the stream
length restored

9 culverts

8 replaced, 1 removed

33 acres

removed from floodplain

1 acre

of stormwater
treated

61,429

fish rescued
(including salmon/trout)

7,228

trees and shrubs
planted

3,827

native mussels
rescued

143 pieces

of large wood
added to creek

21

Partners

Salmon Return!

Working with our partners, Portland has created a culture and economy around restoration.

The results are measurable:

- Improved water quality
- Habitat recovered
- Trees planted

....and the salmon return!

**Let's celebrate by declaring
September 24th the first
annual Salmon in Our City Day.**



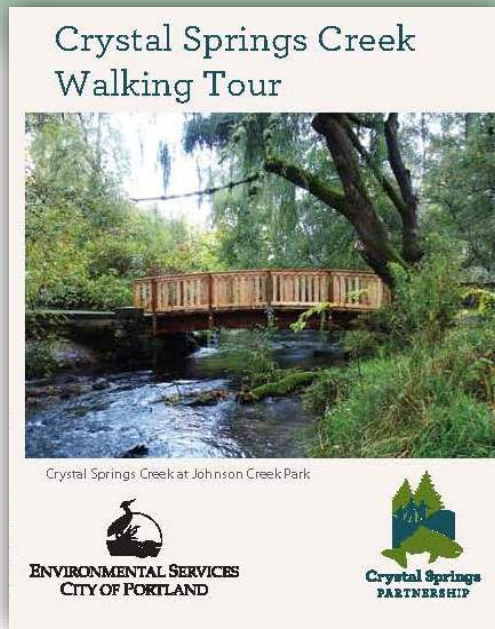
The Salmon Celebration

September 24th at
Westmoreland Park

- Hosted by Crystal Springs Partnership and the Native American community; supported by PP&R and BES.
- Community comes together around salmon



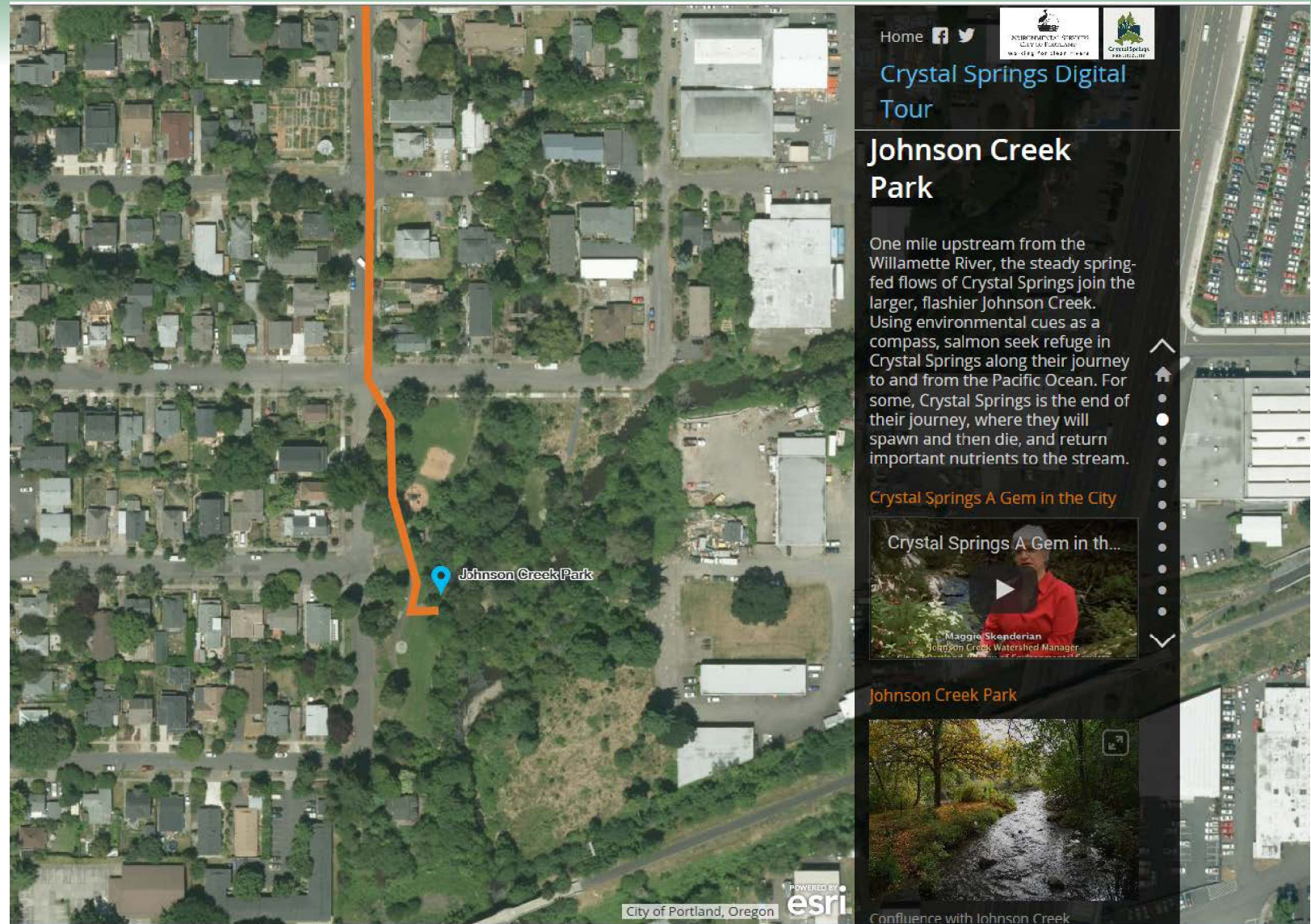
Preparing for the salmon bake at the 2014 celebration
Photo courtesy of Andrew Fedchenko



Crystal Springs Virtual Tour

A new way to experience
Crystal Springs Creek

- Audio stories from experts
- Videos
- Photos
- Links to partners
- Supplements paper walking tour



What's next?

Crystal Springs is only the beginning of the story:

We wanted a way to:

- Celebrate our investments
- Recognize community efforts
- Build momentum for continued improvements
- Demonstrate the scientific rigor behind our success

**Designate the best
of the best as
Salmon Sanctuaries**



River Otter eating returning steelhead in Reed Lake.

Photo courtesy of Donna Cloud

What is a Salmon Sanctuary?

As a result of public investments in restorations, rivers and streams in the city that have conditions salmon need to thrive.

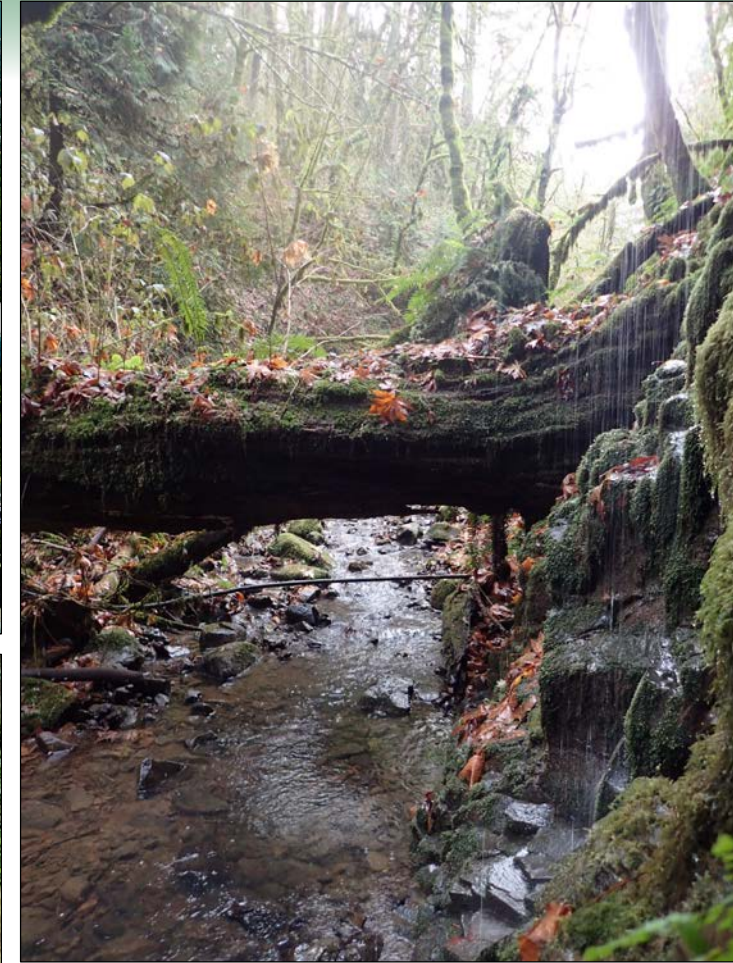
- Reflect the highest “score” for the top 10 criteria salmon need to recover
- A way to help focus on what still needs to be done for salmon

Today: Designate Crystal Springs as the first Salmon Sanctuary



Crystal Springs through Westmoreland Park

The future of Salmon Sanctuaries in Portland



▲ Forest Park's Miller Creek

◀ Tryon Creek / Highway 43 culvert

Oaks Bottom Wildlife Refuge (Top left)