

## Trip 2: Urban Stream Restoration – Johnson Creek and Crystal Springs

Friday, August 21, 2015

**Field Trip Location:** The lower Johnson Creek watershed southeast of downtown Portland.

**Field Trip Description:** With 16 ESA listed fish species Portland didn't give up, in fact, it went all in on recovery. This tour will highlight two advanced recovery and resilience strategies.

First, a complete headwater to mouth fish passage restoration. The projects will highlight translating best available science into project design, leveraging funds, and unique construction strategies. Five years, 9 culverts, and 3 major restoration projects later, coho are spawning in Crystal Springs Creek.

Next, we'll look at two examples of restoring natural floodplain function. One, called for because of an exposed 60-inch concrete pipe and another a nearly 20-year effort to remove 60 structures (homes and businesses) out of the flood zone, pulling back a channelized, rock-lined stream (Works Progress Administration, circa 1930s), increasing fish and wildlife habitat, and creating 140 acre feet of flood storage in an urban setting.

The tour will start by visiting multiple sites along the highly urbanized Crystal Springs Creek and end at the Foster Floodplain Natural Area.



### Approximate Field Trip Schedule:

9:00 am: Prompt departure from the Doubletree Hotel to Crystal Springs via SE 28<sup>th</sup> Ave.

9:30 am: Arrive at Westmoreland Park (SE 22<sup>nd</sup> Ave and Bybee Ave). RESTROOMS located here.

11:00 am: Arrive at Brannan property on Crystal Springs (SE 21<sup>st</sup> and Tenino Ave).

11:30 am: Leave Crystal Springs.

12:00 pm: Arrive at Tideman Johnson Park for lunch (less than ideal restrooms here).

1:00 pm: Leave for Foster Floodplain Natural Area.

2:30 pm: Leave Foster Floodplain Natural Area to return downtown.

3:00 pm: Arrive back at the Convention Center to leave time for folks to walk around Portland.

**Transportation:** There will be 1 bus with an approximate 35 person capacity.

**Trip Leaders:** The tour will be led by Marie Walkiewicz and Kaitlin Lovell. Maps and fact sheets will be provided.

**Additional Information:** Attendees should wear comfortable shoes and provide their own water and snacks. A box lunch will be provided.

**For More Information on the Crystal Creek Restoration – visit the project [website](#).**

**Cost:** \$50/person includes transportation, box lunch, and maps and fact sheets. Cancellations will be allowed until July 24, 2015. Refunds will incur a \$10 service charge.

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AMERICAN FISHERIES SOCIETY  
**PORTLAND, OREGON**  
145TH ANNUAL MEETING  
AUGUST 16-20, 2015