

2012 Fish Screening Oversight Committee Fish Passage Training Session



The Fish Screening Oversight Committee invites you to participate in the 2012 Fish Screening Oversight Committee Fish Passage Training Session that will be convened in Hood River, OR September 17-20, 2012. Over the course of four days, classroom sessions and site visits will focus on tributary facilities addressing upstream and downstream passage concerns relative to anadromous and resident fish.

When: September 17–20, 2012

Where: Hood River, OR
Best Western Hood River Inn
1108 East Marina Drive
Hood River, Oregon
541-386-2200

Registration Fee: \$160.00 per person

Registration Deadline: August 31, 2012

Hotel Information: A block of rooms has been reserved at the Best Western Hood River Inn for the training session and will be held until August 20, 2012. When reserving your room, please indicate that you will be attending the Fish Passage Training Session.

2012 Fish Screening Oversight Committee Fish Passage Training Session

Registration Form *Please Print*

Mr. Ms. (circle one)

Name _____

Organization _____

Address _____

City/State/Zip _____

Phone _____

Fax _____

Email _____

Registration Fees: \$160 per person*

*Includes lunch on Tuesday, Wednesday, and Thursday, entry to the socials, and transportation during the site visit.

The registration fee must be paid by check, money order, or State/Federal agency Purchase Order. Sorry, we cannot accept credit cards. Please make payments no later than August 31, 2012.

Make checks payable to: Columbia Basin Fish and Wildlife Foundation

**Mail to: Columbia Basin Fish and Wildlife Foundation
Attn: Neil Ward
851 SW Sixth Avenue, Suite 250
Portland, OR 97204**

If you have questions, please contact Neil Ward at neil.ward@cbfwa.org or 503-229-0191.

NOTE: Limited space and seating for this event. Once the event is full, you will be notified and your money returned.

2012 Fish Screening Oversight Committee Fish Passage Training Session: Tentative Agenda

Monday, September 17, 2012

- 1:00 – 2:00 PM Registration – Best Western Hood River Inn
- 2:00 – 5:00 PM Session 1: Course Introduction (Bryan Nordlund, Alan Ritchey/Martin Olson)
 - Introductory message
 - Course logistics
 - Objectives of passage instruction – Safe, timely, and efficient passage
 - Field trip briefing
- 7:00 – 9:00 PM Evening Social

Tuesday, September 18, 2012

- 7:30 AM – 5:00 PM Session 2: Site Visits: Tentative (Alan Ritchey/Martin Olson)
 - Coe Branch Diversion (dual bay Farmers Screen)
 - USGS research facility (evaluating effectiveness of current screens on juvenile lamprey passage)
 - Warm Springs Confederated tribes acclimation ponds (ISI Cone Screen used to divert water to acclimation ponds, fish ladder maintenance/in-water construction techniques)
 - Select culverts and use of Fish “Xing” software
 - Former site of one of the region’s recently removed dams
 - Laurance Dam (view the site of a proposed fish ladder)

Wednesday, September 19, 2012

- 8:00 AM – 5:00 PM Session 3: Juvenile Fish Screens and Bypass Systems (Bryan Nordlund and others)
 - Purpose of screening
 - History of fish screening
 - Guiding principles forming the foundation of screening criteria
 - Fish biology and behavior as applied to screening

- Screen types (descriptions, criteria, benefits, disadvantages, and appropriate uses)
 - Screen design
 - Bypass design
 - Monitoring, evaluations, and O&M
- 7:00 – 9:00 PM Evening Social (Sponsored by HDR Engineering, Inc.)

Thursday, September 20, 2012

- 8:00 – 9:00 AM Session 4: Resolving Fishway Operational Problems (Mike Jensen and Ray Gilmore)
- 9:00 – 10:00 AM Session 5: Resolving Site Issues in Screen and Bypass Systems (Bryan Nordlund)
 - Sediment management
 - Unbalanced approach velocity
 - Low flow operations – bypass and instream
- 10:20 – Noon Session 6: Introduction to Upstream Fish Passage Systems (Ken Loffink)
 - Design approach-pass the right fish at the right time
 - Design data requirements
 - Design species, life stage
 - FSOC method
 - Project assessment
 - Procedures-fishway design flows
 - Criteria review and project review
 - Monitoring and O&M
- 1:00 – 2:20 PM Session 7: Lamprey Passage (Matt Mesa)
- 2:40 – 5:00 PM Session 8: Upstream Fish Passage Systems (Mike Love)
 - Types of passage structures
 - Culverts
 - Roughened channels
 - Stream simulation
 - Cross-stream weirs