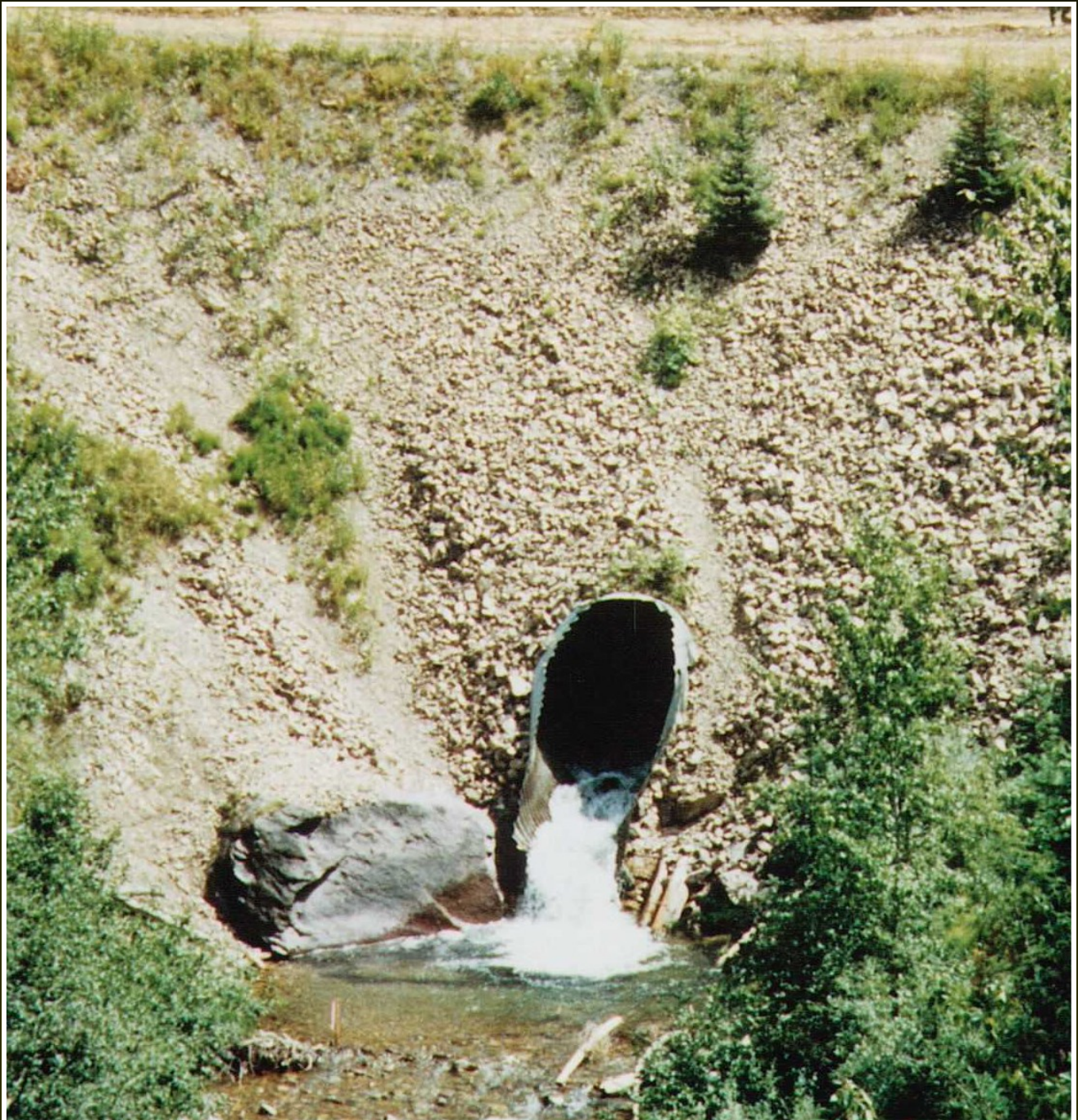


2015 Fish Screening Oversight Committee Training Session

Culvert Design and Assessment: Facilitating Fish Passage

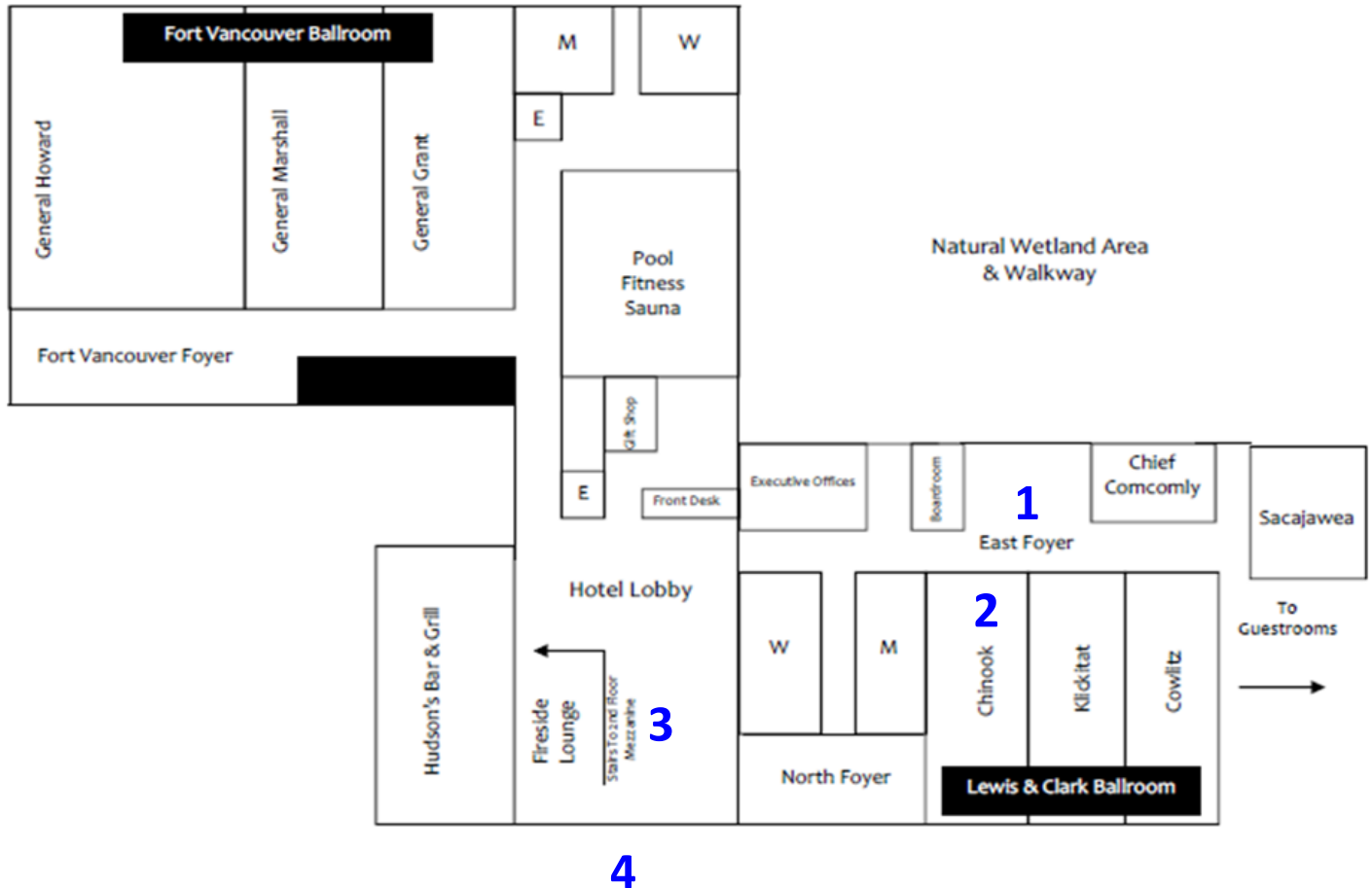


January 12-15, 2015

The Heathman Lodge

Vancouver, Washington

THE HEATHMAN LODGE LAYOUT



Registration — East Foyer (1)

Conference Venue — Chinook Room (2)

Social — Mezzanine (3)

Site Visit — Meeting Location (4)

2015 FSOC Culvert Training

CONFERENCE SCHEDULE

MONDAY, JANUARY 12, 2015

4:00 pm - 5:30 pm **Registration and check-in** (*East Foyer*)

7:00 pm - 8:30 pm **Welcome Social** (*Mezzanine*)

TUESDAY, JANUARY 13, 2015 (*Chinook Room*)

7:30 am - 8:15 am **Registration and check-in** (*East Foyer*)

7:30 am - 8:30 am **Coffee and pastries**

8:30 am - 8:45 am **Introductions**

Session 1 - Overview, Ecological Considerations, Assessments, Design, and Construction

8:45 am - 9:30 am **Culverts 101**

Donald Ponder, *Washington Department of Fish and Wildlife*

9:30 am - 10:00 am **Road Crossing Structure Assessment Protocol**

Justin Zweifel, *Washington Department of Fish and Wildlife*

10:00 am - 10:15 am **Break**

Session 2 - Monitoring and Prioritization

10:15 am - 10:45 am **Habitat Assessment and Prioritization of Fish Passage Barriers**

Justin Zweifel, *Washington Department of Fish and Wildlife*

10:45 am - 11:15 am **Prioritizing Open Migration Access for Salmon in Johnson Creek**

Robin Jenkinson, *Johnson Creek Watershed Council*

11:15 am - 11:45 am **Fish Passage Barrier Prioritization**

Steve Pilson and Dan Shively, *U.S. Fish and Wildlife Service*

11:45 am - Noon **Hydraulic Project Approval Monitoring for Water Crossing Structures**

Justin Zweifel, *Washington Department of Fish and Wildlife*

Session 3 - Fish Passage Barrier Programs and Public Outreach

1:30 pm - 2:00 pm **Large Initiatives on Fish Passage in Washington State**

Julie Henning, *Washington Department of Fish and Wildlife*

2:00 pm - 2:30 pm **Public Outreach and Education for Fish Passage**

Danny Didricksen, *Washington Department of Fish and Wildlife*

2:30 pm - 3:00 pm **Success and Challenges of Fish Passage in Oregon**

Ken Loffink, *Oregon Department of Fish and Wildlife*

3:00 pm - 3:30 pm **Break**

3:30 pm - 4:00 pm **Partnerships and Fundraising for Fish Barrier Improvements: Perspectives from the City of Portland**

Kaitlin Lovell, *Bureau of Environmental Services, Portland*

4:00 pm - 4:30 pm **WDFW's Fish Passage Barrier Database**

Jenni Novak, *Washington Department of Fish and Wildlife*

Session 4 - Site Visit Overview

4:30 pm - 5:00 pm **Overview of Sites and Tour**

Danny Didricksen, *Washington Department of Fish and Wildlife*

WEDNESDAY, JANUARY 14, 2014

Session 5 – Site Visits

8:15 am – 8:30 am	Load (<i>The Heathman Lodge Parking Lot</i>)
9:00 am – 9:40 am	Burnt Bridge Creek Greenway Demonstration of WDFW's culvert inventory methods
11:00 am	Beaver Creek Hatchery View the Hatchery's new airburst system for maintain screens
11:45 am	Skamokawa Tide Gate Example of a multi-stakeholder cooperation to provide fish passage
12:45 pm – 1:30 pm	Beaver Creek (tributary) View a completed project
2:00 pm	Duck Creek View a completed project (culvert replaced with a bridge)
2:20 pm	Clear Creek Discussion and comparison to Duck Creek. Why did the culvert fail? What factors go into deciding a bridge is worth the expense?
4:30 pm - 5:00 pm	Return to The Heathman Lodge
7:00 pm – 8:30 pm	Social (<i>Mezzanine</i>)

THURSDAY, JANUARY 15, 2015 (*Chinook Room*)

7:30 am - 8:30 am Coffee and pastries

Session 5 – Site Visit Discussion

8:30 am - 9:00 am

Session 6 – Case Studies: Retrofitting and Replacing Existing Culverts

9:00 am - 9:30 am **Eastern Oregon Culvert Replacements for Resident Fish**
Troy Brandt, *River Design Group*

9:30 am - 10:00 am **Fish Passage Barriers and Salmon Recovery**
Karen Adams, *Lower Columbia Fish Recovery Board*

10:00 am – 10:30 am **Break**

Session 7 – Case Studies: When the Unexpected Occurs

10:30 am – 11:30 am **Corrections and Compliance Issues: An Informal Discussion**
Justin Zweifel, *Washington Department of Fish and Wildlife*



Washington Department of
FISH and WILDLIFE

The Fish Screen Oversight Committee would like to thank the Washington Department of Fish and Wildlife for their countless hours and effort that went into planning and organizing the 2015 Culvert Training Session.