

Fisheries Habitat Workshop Agenda

October 15, 16 & 17, 2008
Serpent River First Nation Community Centre

DAY ONE - Wednesday, October 15th

9:00 am. – 8:00 pm.

WARMWATER STREAMS & LAKES / COLDWATER STREAMS & CREEKS

9:00 am. - 12:00 am. (3 hrs in class)

- Introductions / Attendance
 - Review Course Outline
 - What is Fish Habitat?
 - Warmwater Streams & Lakes: General Review of Fish Biology
General Review of Fish Habitats
 - Coldwater Streams & Creeks: General Review of Fish Biology
General Review of Fish Habitats
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12:00 - 1:00 p.m.

Lunch - Provided

1:00 - 5:00 pm. (4 hrs in the field)

Physical Examination of Warmwater Streams and Lakes

Tour of Tube & Denvic Lakes (Waterfalls Lodge - Walford)

Discussion

- Habitats of Tube & Denvic Lake
- Strategically Placed Dam – Impacts upon Denvic Lake
- Boat Launch and Dock
- Natural Shore Interrupted by Beach

Activities / Demonstrations - Abundance of Fish Species in a Warmwater Lake

- Seine Netting Demonstration – Tube or Denvic Lake
 - Underwater Video Camera Demonstration
 - Ekman Grab (or Dredge) Demonstration
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Dinner 6:00 - 7:00 pm. – Provided for Workshop Attendees

7:00 – 8:00 pm.

Social & Presentation

Guest Speaker – Kim Tremblay, A/OFRC

- Lake Huron Joint Lake Whitefish Project 2000 - 2004
- Aird Bay Habitat Mapping 2007

A/OFRC Display and Posters

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DAY TWO - Thursday, October 16th

9:00 am. – 5:00 pm.

COLD WATER STREAMS AND CREEKS

9:00 - 11:00 am. (2 hrs in field)

Physical Examination of Coldwater Lake

- Aird Bay (shoreline walk)

Discussion

- Identify substrate, shoreline vegetation and significant features
 - Identify forest cover, slope and significant features
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11:00 am. - 5:00 pm. (5 hrs in the field)

12:00 - 1:00 pm.

Lunch in the field (bag lunches provided)

Physical Examination of a Small Cold Water Stream

- Serpent River

Discussion

- Watershed Characteristics
- Features of a Stream

Activities

- Electro-fishing Demonstration
 - Benthic Invertebrate Collection
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DAY THREE - October 17, 2008

8:00 am. – 2:30 pm.

IMPACTS ON FISH HABITAT & APPLICATION OF KNOWLEDGE

8:00 - 10:00 am. (2 hrs in class)

Looking at Impacts on Fish Habitat

- Virtual Tour Presentation of Habitat Impacts

Discussion – Tour Highlights

- Dams, Generating Stations
 - Road Construction, Water Crossings / Culverts
 - Land Clearing (agricultural, forestry, shoreline development)
 - Cottage / Urban Development
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10:00 am. - 12:00 pm. (2 hrs in the 'field')

Meet in class, break into small groups, assign case histories.

Activities

- Site Visit - Complete initial assessment, make notes

Discussion

- Case Histories : Shoreline Development - (Cottage subdivision)
 - Marina Development
 - Stream Crossing or Bridge
 - Dredging
 - Dam Development
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12:00 - 1:00 pm.

Lunch - Provided

1:00 – 2:30 pm. (1 1/2 hrs in class)

Group Reports

End of Workshop