

Rotary Adventures in the Environment

2022 Schedule

Day 1 – Monday, September 12

9:00 Arrival at River Institute
 9:00 – 9:30 Welcome / Introductions / Ice Breaker
 9:30 – 10:30 Words before All Else (Thanksgiving Address) - MCA
 10:30 – 11:00 Theory: Fish Ecology
 11:00 – 12:00 Fish sampling techniques (e.g. Seining, gill netting)
 12:00 – 12:30 Lunch (Eels in the St. Lawrence River – Courtney Holden or Matt Windle)
 12:30 – 16:00 Fish sampling techniques continued (e.g. pull gill nets). Process fish (i.e. identify, measure, weigh, tag). Aging fish with otoliths
 16:00 Pick up at River Institute

Day 2 – Tuesday, September 13 – Bus renting necessary

9:00 Arrive at River Institute
 9:15 – 9:45 Drive to Green for Life
 9:15 – 11:30 Green for life guided tour –
 11:30 – 12:00 Drive back to River Institute for Lunch
 12:00 – 12:30 Lunch
 12:45 – 13:15 Sustainability and the Environment - Angie Parker
 13:00 – 15:45 City of Cornwall
 15:45 – 16:00 Family Earth field trip Drive Back to River Institute
 16:00 Pick up at River Institute

Day 3 – Wednesday, September 14

7:00 – 9:00 Breakfast with the Rotary Club of Cornwall Sunrise Talk:
 9:00 – 9:30
 Drive to Saunders Hydro Dam Tour of Moses-Saunders Dam and eel ladder – *John Sanna, Ontario Power Generation*
 9:30 – 11:30 Ontario Power Generation Visitor Centre – *Matt Mulvihill*
 11:30 – 12:00
 12:00 – 12:30 Lunch at OPG
 12:30 – 13:00 Theory: Aquatic Invertebrate Ecology
 13:00 – 15:30 Invertebrate sampling techniques (D-net, Kick & Sweep, Dredge) and analysis 15:30 – 16:00 Drive Back to River Institute
 16:00 – 16:45
 Break / Prep for Night Hike Bat Ecology – *Dr. Brian Hickey, River Institute Research Scientist*
 Night Hike Night Hike – *Dr. Brian Hickey, River Institute Research Scientist + Astronomy – Tom Olien*
 16:45 – 17:30
 17:30 – 22:00
 End time Participants will be dropped off at the River Institute.
 TBD

Note: Highlighted items are tentative, to be confirmed.

Day 4 – Thursday, September 15

10:00 Arrival at River Institute

10:00 – 11:00 **Introduction to Beekeeping – Luc St. Pierre, River Institute Lab Technician**

11:00 – 11:30 Theory: Water Quality and Its Importance – *Lexy Harquail, River Institute Biologist*

11:30 – 12:00 Lunch (**River Rapport presentation – Leigh McGaughey, River Institute Research Scientist**)

12:00 – 13:30 Water quality analysis in laboratory and operate field sampling tools

13:30 – 14:00 Theory: Rocks, Minerals and Soils – *Lexy Harquail, River Institute Biologist*

14:00 – 15:30 Rocks, Minerals and Soils characterisation

15:30 – 16:00 Wrap up and complete evaluation of the Adventure

16:00 End of the Adventure – pick up at the River Institute