

## CWSF 2007 - Truro, Nova Scotia



### Amanda Annett

#### A River Runs Through It - Phase III

**Division:** Engineering & Computing Sciences / None

**Category:** Intermediate

**Region:** Edmonton

**City:** Edmonton, AB

**School:** Oliver School

**Abstract:** This project examined ethynylestradiol; the primary form of estrogen in the contraceptive pill (which is attributed to gender changes in fish), in water from the Bow and North Saskatchewan rivers. Water samples were collected at the headwaters and after a major city along both rivers and analyzed to determine if the concentrations obtained were enough to pose health risks for humans and organisms alike.

#### Biography

I love to engage in volunteer work and thus have accumulated many on-going volunteer jobs over the past 3 years; most notably, assistant-coaching a Special Olympics alpine ski team, as well as being a Junior Ski Patrol with the Canadian Ski Patrol System for the past two years. I have a deep passion for the environment, coupled with a love of nature; hiking, biking and skiing are just some of the activities that I frequently enjoy. In the future, I hope to combine these interests with a career in ecology, in addition to performing humanitarian work.

#### Awards

#### Value

The University of Western Ontario Scholarship Silver Medallist - \$1500 Entrance Scholarship Sponsor: University of Western Ontario	\$1 500
Silver Medal - Earth & Environmental Sciences - Intermediate Sponsor: Petro-Canada	\$700
Total	\$2 200