

## CWSF 2007 - Truro, Nova Scotia



### Katherine Lohman, Amanda Lohman

#### Riverbank Bio-engineering

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

**Category:** Senior

**Region:** Central Alberta

**City:** Innisfail, AB

**School:** Innisfail Junior Senior High School

**Abstract:** This project compared two methods of bank restoration to prevent erosion to a bank affected by the 2005 flood along the Little Red Deer River. Willow shoots planted horizontally and vertically supported by wattle fence structures were compared in growth and development. Promoting this method of river bank reconstruction proved effective and environmentally friendly.

#### Biographies

Katherine - I am an outgoing person who enjoys biology and gym class. I like sports such as soccer, basketball, and football. I am completing grade 12 and pursuing a career in registered nursing at the University of Lethbridge. I volunteered and did work experience at Innisfail Hospital and at Innisfail United Church. I have placed at club, zone and district levels in 4-H speaking competitions. I have completed five years in the Conservatory of Speech Arts. My membership in 4-H for 6 years included 2 years on the executive. I have travelled to Europe, Mexico, California, and British Columbia. It is an honour and privilege to go on this trip to see Nova S...

Amanda - I have participated in the science fair, but have not made it to CWSF. In recent years, I have done many sports such as soccer, 4-H horse riding activities, badminton and football. I love trying new things. I am easy to get along with and easy to talk to. I consider myself outgoing and fun! I like experimenting, especially when doing labs in chemistry. I have fun learning new things and going to new places. I find myself to be very active and very athletic. I am open to new ideas and to trying new things! I am currently in grade 12 and have been accepted to Lethbridge Community College to attend the nursing program this Fall. During my academ...