

## CWSF 2007 - Truro, Nova Scotia



### Janelle Watt

#### Hungry For Hydrocarbons

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

**Category:** Senior

**Region:** Northern Saskatchewan

**City:** La Ronge, SK

**School:** Churchill Composite H.S.

**Abstract:** This project studied the effectiveness of petroleum degrading microbes on water. A single bacterial strain of pseudomonas and a single fungal strain of penicillium were grown then added to simulated refined motor oil and gasoline spills on fresh and salt water to degrade the hydrocarbons of the petroleum products.

#### Biography

I am 17 years old and have lived in La Ronge Saskatchewan all my life. I enjoy cheerleading, figure skating, softball, snowboarding, kayaking, reading, and scrapbooking. I am also on the student representative council and in the yearbook club. I'm a volunteer coach for the La Ronge Skating Figure Club. After high school I plan to attend the University of Saskatchewan to earn a bachelors degree in science and pursue my dream to attend the University of Waterloo to become an optometrist. In the fall of 2006 I was awarded the Northern Saskatchewan Student Achievement Award.