

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.