

## CWSF 2009 - Winnipeg, Manitoba



### Dylan Kassian

#### Weather or Not.....Site C-O2

**Division:** Engineering & Computing Sciences / Environmental Innovation

**Category:** Junior

**Region:** Northern British Columbia

**City:** Fort St. John, BC

**School:** Charlie Lake Elementary

**Abstract:** The purpose of this project is to determine if the proposed Site C Dam on the Peace River would act as a carbon sink. I also studied if temperature variations and the presence of aquatic plants affect the absorption level of carbon dioxide. I also kept a close watch on the pH of the water. I determined that a river would absorb carbon dioxide faster.

#### Biography

I am a Grade 7 student at Charlie Lake Elementary School in Fort St. John, BC. I have made it to the Northern BC Regional Science Fair three times and this will be my first CWSF. Last year I won the BC Hydro Power Smart award and this year I won both the Enviro Expo award, and the Federation of B.C Naturalists Award. I enjoy all outdoor activities such as four-wheeling, snowmobiling, boating, hunting and fishing. In 2008, I traveled to Africa on a hunting safari which was an amazing experience. Playing fastball is a sport I enjoy and I have gone to provincials twice.

#### Awards

#### Value

The University of Western Ontario Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Western Ontario	\$1 000
Bronze Medal - Earth & Environmental Sciences - Junior Sponsor: Petro-Canada	\$300
Total	\$1 300

