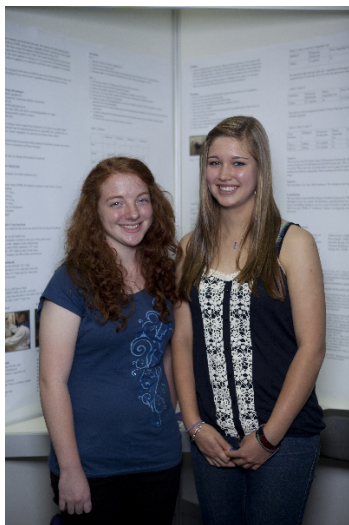


## CWSF 2013 - Lethbridge, Alberta



### Brooke Tower, Aimee Alspaugh

#### Pure Future Biodiesel II

**Challenge:** Innovation

**Category:** Intermediate

**Region:** Central Interior British Columbia

**City:** Prince George, BC

**School:** Westside Academy

**Abstract:** This year we designed and built a biodiesel processor. We collected waste vegetable oil from a restaurant in Prince George to create the biodiesel. We also continued working on the feasibility of a co-op in Prince George.

#### Biographies

Brooke - My name is Brooke, I attend Westside Academy and am in grade 9. I play the Baritone Saxophone in the school band. We have won three gold medals at the District Festival. I also play the the violin in the Prince George Youth Orchestra and have had some great experiences. I enjoy mountain biking and play soccer. I also love hiking and camping. When I graduate, I would like to become a nurse. My partner and I developed this project because we enjoy chemistry and working in a lab. Our plans for the further investigation of our project is to further develop our Cooperative. My advice to future students is to find a subject you enjoy and do somethi...

Aimee - My name is Aimee. I am in grade 10 at Westside Academy. I have a passion for nature and being active so I am on my school's soccer team. I also enjoy rock climbing and hiking. Chemistry fascinates me and I wanted to look into biodiesel and the possibilities it has. In order to do a project well you need to love the project you do. Hating a project will be difficult to complete and it will be hard to get anywhere with the project.

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