

## CWSF 2013 - Lethbridge, Alberta



### Abigael Schonewille, Bryony Schonewille

#### Grey is the new Green

**Challenge:** Energy

**Category:** Intermediate

**Region:** Rideau-St. Lawrence

**City:** Athens, ON

**School:** Brockville Collegiate Institute

**Abstract:** We decided to discover how the energy from heated grey water could repurposed to save costs on energy. After producing substantial results with our homemade tank, we decided to find the real life applications that would be directly produced in home circumstances. By using real price points we determined payback time, savings, and other useful information.

#### Biographies

Abigael - My name is Abigael Schonewille. I am 16 years old, and attend Brockville Collegiate Institute in Brockville Ontario as a grade 10 student. In my spare time, I enjoy speed skating, canoeing, hiking, and swimming. A hobby I have is identifying rocks and minerals, as well as, reading up on their composition and their properties. In school, I enjoy the subjects of math and science. Music exercises my mind in a fun way; I play piano, keyboard percussion, other instruments and I am an alto singer in our school and community choir. When I go to university, I would like to either pursue studies in math, life sciences, sciences or geology. For the pas...

Bryony - Hi my name is Bryony Schonewille. I am in grade 10 at Brockville Collegiate Institute in Brockville Ontario. Some interests of mine are reading, education and sports. Different sports that I enjoy include wakeboarding, waterskiing, skiing, speedskating, kayaking, javelin, and hurdles. I love the outdoors and spending time with my family. Also I enjoy travelling with family to Europe. I volunteer at our local YMCA and am hoping to get a job there instructing swim lessons. I plan to go to university to become an engineer. My twin and I got the inspiration for our project when we hiked the Grand Canyon 2 years ago. While visiting, we noticed the...

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