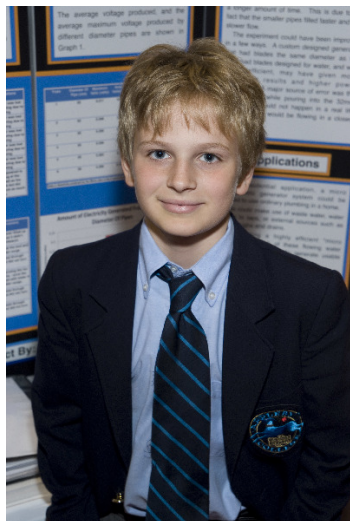


## CWSF 2008 - Ottawa, Ontario



### Simon Harris

#### Electric Sewage

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

**Category:** Junior

**Region:** Bay Area

**City:** Burlington, ON

**School:** Appleby College

**Abstract:** This project determined whether waste water could be used to generate electricity using a small turbine generator, and to determine what diameter pipe would generate the most. A small computer fan was used as the generator. Three different diameter pipes were tested (32mm 50mm and 75mm). The 50mm pipe created the most electricity.

#### Biography

My name is Simon Harris. I am 12 years old. I go to school at Appleby College and I am in grade 7. I live in Burlington, Ontario. I live with my older brother and sister and my mom and dad. I am the youngest child in the family. My favourite subjects in school are Art and Science. The sports that I like are Basketball and Skiing. Some of my hobbies include basketball and building various electronic things. I like doing things outdoors like camping, bike riding and swimming. My first science fair was BASEF 2008 and I won 4 special awards a silver merit award and the Canada Wide Science Fair Trip Award.