

# CWSF 2012 - Charlottetown, Prince Edward Island



## Katherine Evans

### From Tank to Tap: Are Carcinogens Being Introduced into Piers Island Water?

**Challenge:** Environment

**Category:** Intermediate

**Region:** Vancouver Island

**City:** Victoria, BC

**School:** St Margaret's

**Abstract:** This project was an investigation into the quality of drinking water on Piers Island, BC. Samples were taken from around the island to determine whether or not the decaying, wooden equalization tank and extra chlorine treatments were causing increased levels of carcinogens to form. Results showed that in certain areas, islanders were ingesting more than six times the carcinogens found in water entering the island.

#### Biography

My name is Katherine Evans and I am in Grade Nine at St. Margaret's School in Victoria, BC. This is my first CWSF and I am very happy to be a part of team Vancouver Island! My project addresses an issue very important to me, my friends and family on Piers Island. I was interested in this topic because I wanted to determine the cause of the high rates of cancer on the island. After this project, I plan to work towards finding a solution to the growing problem, and to stay in contact with the volunteer water testers on the island. I would advise other students planning their projects to choose a topic that is important to them and others. Outside of science fair, I am interested in film and television acting, and have performed in many shorts, independent films and other projects. I am excited to be visiting Prince Edward Island, and I am very grateful for this opportunity!

#### Awards

#### Value

Excellence Award - Intermediate - Bronze Medal Sponsor: Nuclear Waste Management Organization	\$300
Western University Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: Western University	\$1 000
<b>Total</b>	<b>\$1 300</b>