

## CWSF 2016 - Montreal, Quebec



### Kennedy Frittenburg

#### Waste Not, Want Not (Biofiltration of Household Greywater)

**Challenge:** Resources

**Category:** Intermediate

**Region:** South Shore

**City:** Bridgewater, NS

**School:** Bayview Community School

**Abstract:** What if you could safely reuse your household wastewater? This project is the development of a household biofiltration system that is environmentally friendly and uses available resources. The average Canadian uses 255 litres of water per day. The development of my biofiltration system has proven it is possible to collect household greywater and return it to a safer state.

#### Biography

My name is Kennedy Frittenburg and I am from Mahone Bay, NS and I go to Bayview Community School. This is my second time at the Canada Wide Science fair. I enjoy playing basketball, soccer, volleyball and lots more! I hope to go to University and become an Architect. For my project I created a biofiltration system that is able to reuse greywater from your household. I got the inspiration of my project from lots of research and worldwide problems. For further investigations I plan to look into incorporating my filtration system into residential architecture and much more. My advice to others is make sure you have lots of information and that you have fun with the process of your project. :)

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