



CWSF 2006 - Saguenay, Québec



Arielle Garrett

A Sphagnum Solution for Safe Water

Division: Engineering & Computing Sciences

Category: Intermediate
Region: Vancouver Island
City: Saanichton, BC

School: Stelly's Secondary School

Abstract: I attempted to apply Sphagnum moss as a reusable heavy metal filter, and I

was successful. Not only is it very effective at removing most poisonous metals, its reusability, done simply by placing it in an acidic solution, makes

it ideal for poor effected families.

Awards	Value
The University of Western Ontario Scholarship	\$2 000
Gold Medallist - \$2000 Entrance Scholarship	
Sponsor: University of Western Ontario	
Gold Medal - Earth & Environmental Sciences - Intermediate	\$1 500
Sponsor: Petro-Canada	
Total	\$3 500



