

CWSF 2006 - Saguenay, Québec



Haley Robinson

Sanitary Sunshine / Sante et Soleil

Division: Health Sciences

Category: Intermediate

Region: Northern Saskatchewan

City: La Ronge, SK

School: Churchill Composite H.S.

Abstract: This project uses solar energy to heat water to pasteurisation temperatures. Solar water pasteurisation decontaminates water in third world countries. Pasteurisation stops the spread of disease. For this project, construction plans were made and seven pasteurisers were built and tested. Results proved that the solar box cooker design was the most efficient.

Awards	Value
Honourable Mention - Engineering - Intermediate Sponsor: Youth Science Foundation Canada	\$100
Total	\$100