



CWSF 2006 - Saguenay, Québec



Joanna McNeil

Living in the Sydney Tar Ponds; an analysis of the microbial community

Division: Biotechnology

Category: Senior Region: Strait

City: St. Peter's, NS School: Richmond Academy

Abstract: The purpose of the project "Living in the Sydney Tar Ponds" was initially to determine the feasibility of the use of biological remediation to clean up the

Tar Ponds' toxic sludge. This was done through the use of Biolog

Ecoplates, which contain 31 common carbon substrates. Although this process would take longer than the proposed incineration of the sludge, it

would be less environmentally challenging

Awards	Value
Canadian Stockholm Junior Water Prize	\$2 000
Sponsor: Canadian WEF Member Associations, the Canadian Water and	
Wastewater Association, and Jacobs	
Total	\$2 000



