

## CWSF 2005 - Vancouver, British Columbia



### Sheralynne Deveaux

#### Sanitizing Sydney: Technologies to Clean Up the Tar Ponds

**Division:** Earth & Environmental Sciences

**Category:** Intermediate

**Region:** Cape Breton

**City:** Sydney River, NS

**School:** Riverview Rural High School

**Abstract:** This study examines technologies to clean up the Muggah Creek watershed. Research has shown that the main technologies to be used are solidification/stabilization, incineration, bioremediation and capping and containment. Experimentation with solidification and stabilization has been successfully applied to tar pond-like material, using Portland cement and water.

Awards	Value
Honourable Mention - Earth & Environmental Science - Intermediate	\$100
Sponsor: Petro-Canada	
Total	\$100