

# CWSF 2005 - Vancouver, British Columbia



## Particulate Matters, or Does it? Phase II

**Division:** Earth & Environmental Sciences

**Category:** Intermediate

**Region:**

**City:** ,

**School:**

**Abstract:** This project studied the effectiveness of two pollution barriers (man-made and natural) and buffer zoning in reducing particulate pollution levels. Particulate levels were measured using home-designed equipment. Man-made barriers were found to have the highest particulate reduction rate. Moving a distance of 5-10m from pollution sources also reduced particulates effectively.

Awards	Value
The University of Western Ontario Scholarship Gold Medallist - \$2000 Entrance Scholarship Sponsor: University of Western Ontario	\$2 000
Honourable Mention - Automotive - Intermediate Sponsor: AUTO21	\$100
Gold Medal - Earth & Environmental Sciences - Intermediate Sponsor: Petro-Canada	\$1 500
<b>Total</b>	<b>\$3 600</b>