

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
Total	\$3 600