

CWSF 2005 - Vancouver, British Columbia



Alex Girdner, Brock Bieber

Exploring the Cost of SUV Exhaust

Division: Earth & Environmental Sciences

Category: Intermediate

Region: St. James-Assiniboia

City: Winnipeg, MB

School: Westwood Collegiate

Abstract: The burning of fossil fuels is impacting our environment as seen in global warming and ground smog. This experiment tested three SUVs for CO₂, CO, and CnHm. Emissions were compared when regular and ethanol blended fuels were used. Pre and post tune-up emissions were also assessed.

| Awards | Value |
|---|---------|
| The University of Western Ontario Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Western Ontario | \$1 000 |
| Bronze Medal - Earth & Environmental Sciences - Intermediate Sponsor: Petro-Canada | \$300 |
| Total | \$1 300 |