

## CWSF 2008 - Ottawa, Ontario



### Holly Alana Hadley, Nancy Li

#### A Breath of Fresh Air

**Division:** Engineering & Computing Sciences / Environmental Innovation

**Category:** Junior

**Region:** South Fraser

**City:** Delta, BC

**School:** Seaquam Secondary

**Abstract:** Our experiment is determining where in the neighbourhood has the most and least Class 5 air pollutants. After determining 12 areas in the neighbourhood for testing, we put particulate collectors in their selected areas for 10 hours, and then examined them under a magnifying glass. Our results showed that the location with the most particulates was McDonald's drive-through, and the least was the backyard.

#### Biographies

Holly Alana - My name is Holly Hadley and I am a grade 8 student at Seaquam Secondary. My favourite subjects include science, math, and art. Art has been a passion of mine for as long as I can remember, but I also have a particular interest in science, especially when it comes to the environment. I am always wanting to learn more about pollution, and how I can help make a difference. Last year, my partner and I wrote a book for the scholastic contest which was about pollution and how it is affecting animals and their habitats. We came in the top eight books that were entered. My hobbies include ballet, jazz, and modern. I have done many competitions in dan...

Nancy - My name is Nancy Li and I am in the eighth grade at Seaquam Secondary. I currently know three languages, but I really wish to learn all five languages of the United Nations. I spend a lot of time studying music, both theory and practical. My favourite instrument is the piano and I am currently studying Grade 10, but I also play flute, violin and French horn. Other than music, I love visual arts, dance and creative writing. Last year, I wrote and illustrated a picture book about global warming for a national Scholastic contest with a partner. I have also won a speech contest for poetry recitation. My two favourite areas of science are definite...