

CWSF 2009 - Winnipeg, Manitoba



Adrian Howie

From CO2 Sink to Biofuel Inc.

Division: Engineering & Computing Sciences / Environmental Innovation

Category: Intermediate

Region: Halifax

City: Halifax, NS

School: Citadel High School

Abstract: This project looks at the effect of higher CO₂ levels on the growth and lipid production of three species of phytoplankton. It was noted that lipid production did increase with higher levels of CO₂, but not enough to make up for the dramatic reduction in growth.

Biography

My name is Adrain Howie, I'm 16 years old and I live in Halifax Nova Scotia. I'm in grade 10 at Citadel High. I have lived in Halifax most of my life except for grades 5 and 6, when I lived in Ottawa. My favorite sports are tennis and football. I play and coach tennis year round, and was on the provincial champion high school football team. I am active in my community and in my church. I also play the double bass in a string ensemble. I did the regional science fair for four years now, and this is the third time going to nationals.

Awards

Value

Honourable Mention - Earth & Environmental Science - Intermediate Sponsor: Petro-Canada	\$100
Honourable Mention - Environmental Innovation - Intermediate Sponsor: EnviroExpo, Presented by VIA Rail Canada	\$100
Total	\$200