CWSF 2006 - Saguenay, Québec

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Pollution-Free Hydrogen World

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Abstract: This project focused on increasing the amount of hydrogen produced from the green algae Chlamydomonas Reinhardtii, for use in hydrogen power. The optimum amount of hydrogen was produced when light intensities were high, temperatures were increased, and when daily light per day was longer. The hydrogen produced was determined by a flame test where the hydrogen gas would pop.

Awards	Value
AECL Award for Excellence in Science - Junior Sponsor: Atomic Energy of Canada Ltd.	$500
Renewable Energy Award - Junior Sponsor: Ontario Power Generation	$500
The University of Western Ontario Scholarship Gold Medallist - $2000 Entrance Scholarship Sponsor: University of Western Ontario	$2 000
Gold Medal - Biotechnology & Pharmaceutical Sciences - Junior Sponsor: Rx&D Health Research Foundation	$1 500
Total	$4 500

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