

ESPC 2008 - Ottawa (Ontario)



Muhammad Aadil Waja

Remediation Sensation

Division: Génie et sciences de l'informatique / Innovation environnementale

Catégorie: Sénior

Région: North Bay

Ville: North Bay, ON

École: Widdifield Secondary

Sommaire: Remediation Sensation is an attempt to introduce a potentially new method of breaking down pollutant textile dyes. Throughout the course of this experiment, I am using electrical voltages of 6, 12, and 18 volts to break down the dye molecules in a dye solution. I am comparing this against the use of pure iron metal, also known as Zero Valent Iron as a remediation method.

Biographie

My name is Muhammad Aadil Waja, I am of African descent and am in my grade 12 year of high school in North Bay at Widdifield Secondary School. My life in high school is fast coming to a close; during my time I have taken part in the badminton team and the tennis team. I have also participated in many math contests, the biology contest, and this is my third year at science fair, my first going to Canada Wide. I also volunteer at the hospital as well as having volunteered at the North Bay Food Bank. I am very interested in tennis, but I also enjoy squash, video and computer games, table soccer, pool, and table tennis. After this year I plan to move on to take Chemical Engineering at the University of Toronto. Eventually becoming a chemical engineer before perhaps moving on into business.

Prix

Valeur

Prix du concours junior canadien au sujet de l'eau, à Stockholm Commanditaire: Les associations membres canadiennes de la WEF, l'Association canadienne des eaux potables et Jacobs	2 000,00 \$
Mention honorable - Sciences de la terre et de l'environnement Sénior Commanditaire: Pétro-Canada	100,00 \$
Total	2 100,00 \$