

## ESPC 2015 - Fredericton (Nouveau-Brunswick)



### **Saving the Planet One Wetland at a Time**

**Défi:** Environnement

**Catégorie:** Junior

**Région:**

**Ville:** ,

**École:**

**Sommaire:** This project examined the impact of wetland filtration using brine shrimp as an indicator species. Sixty-four experiments were meticulously conducted to quantitatively examine the efficiency and effectiveness of a wetland model at filtering out the following pollutants: oil, vinegar, fertilizer and detergent. Mortality rate, pH, filtering times, and volume were all measured. Wetland filtration dramatically improved the survival rate of brine shrimp.