

CWSF 2015 - Fredericton, New Brunswick



Saving the Planet One Wetland at a Time

Challenge: Environment

Category: Junior

Region:

City: ,

School:

Abstract: 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.