

## ESPC 2006 - Saguenay (Québec)



### Lindsey Dirks, Alex Mostertman

#### The Mean Green Reducing Machine

**Division:** Génie et sciences de l'informatique

**Catégorie:** Junior

**Région:** Fraser Valley

**Ville:** Abbotsford, BC

**École:** Barrowtown Elementary

**Sommaire:** This is an experiment to determine if Water Hyacinths can reduce the salts in liquid livestock manure and greenhouse wastewater. Salt levels were measured for a one-month growing period using an electrical conductivity meter. We saw significant results up to 40% reduction in salts benefiting both farmers and the environment.