

ESPC 2012 - Charlottetown (Ile-du-Prince-Édouard)



From Salted Streets to Salty Streams

Défi: Environnement

Catégorie: Junior

Région:

Ville: ,

École:

Sommaire: This experiment assessed whether road-salt was toxic to invertebrates that live in roadside streams. Freshwater shrimp (*Hyaella azteca*) were exposed to different concentrations (0-7200mg Cl/L) of road-salt (NaCl). After seven days, almost all (>85%) animals in the control and lower concentrations (900, 1800mg Cl/L) survived, but all animals in the highest concentration died. These results indicate invertebrates in urban streams are at risk from road-salt.

Prix	Valeur
Prix d'excellence - Junior - Médaille d'argent Commanditaire: Sciences jeunesse Canada	700,00 \$
Bourse d'études de Western University Médaille d'argent - Bourse d'admission de 2 000 \$ Commanditaire: Université Western	2 000,00 \$
Total	2 700,00 \$