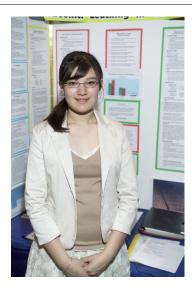




## CWSF 2006 - Saguenay, Québec



## Katelyn Knudsgaard

Arsenic: Leaching in our Midst II

**Division:** Engineering & Computing Sciences

Category: Junior

Region: East Kootenay
City: Cranbrook, BC
School: Parkland Middle

Abstract: Arsenic is primarily used in the wood industry, in the products Chromated

Copper Arsenate (CCA) and Creosote. These products have leached into soil, creating an environmental hazard. This project examines: how over time, the concentration of arsenic in soil near wood treated with arsenic is increasing, and through simulating weather conditions how sealing CCA

treated wood helps reduce the leaching of arsenic.



