

## CWSF 2008 - Ottawa, Ontario



### Samuel Justin Nowicki

#### Fertilizer Contamination in the Hydrologic Cycle

**Division:** Engineering & Computing Sciences / None

**Category:** Junior

**Region:** Winnipeg Schools

**City:** Winnipeg, MB

**School:** River Heights School

**Abstract:** This project studied the potential effects of fertilizer contamination in the natural hydrological cycle. Different types of fertilizers mixed in varying concentrations were tested to prove if this type of contamination is a significant concern. It was found that although it was not as great a concern as direct run off, it is another process that also contributes to environmental damage.

#### Biography

Samuel Nowicki is a Grade 8 student at École River Heights School in Winnipeg. He has been an active participant in Manitoba regional science fairs since 2004. He has an interest in marine biology and his projects often focus on environmental science and oceanography. This is his first Canada Wide Science Fair.