CWSF 2017 - Regina, Saskatchewan

Jordan Takkiruq

P is for Potable

Challenge: Resources
Category: Intermediate
Region: Kitikmeot
City: Gjoa Haven, NU
School: Qiqirtaq Ilihakvik

Abstract: P is for Potable compares two types of liquid purification methods. A solar still and the process of distillation. For this experiment urine was used. I recorded the pH of all products. The initial pH was 6.1, my goal was to get as close to neutral as possible. The stills' pH, after 30 days was 8. However distillation didn't produce enough liquid to be tested.

Biography

My name is Jordan Takkkiruq. I am from Gjoa Haven, Nunavut. Gjoa Haven's winter can last as long as 9 to 10 months, while summer only last about 2 to 3 months. I go to Qiqirtaq Ilihakvik High School, the only high school in my town. I love to go hunting, fishing, and camping out on the tundra with my father. I love playing hockey, too. I also like to play video games and go sliding with my friends. My father is Inuit and my mother is from Nova Scotia. Every summer my family and I go to my mother's home town to visit my grandparents. I only see them for 2 months of the year so I try to be with them as much as I possibly can. This has been my fourth Canada-Wide Science Fair in a row. This year my project is on the topic of vegetables that are able to regrow once they have been cut to the stump.