

CWSF 2009 - Winnipeg, Manitoba



Denel Divine Malana

Poop + H₂O = RNG

Division: Biotechnology / Environmental Innovation

Category: Junior

Region: Northwest Saskatchewan

City: Meadowlake, SK

School: Jonas Samson Jr. H.S.

Abstract: The Earth is subject to the harmful effects of global warming, and human activities are considered to be the main cause. What can humans do to help? This study looks at the production of natural gas by farmers who raise animals and use manure to provide electricity. This shows how using manure and water can produce renewable natural gas.

Biography

My name is Divine Malana and I am a grade 8 student at Jonas Samson Jr. High in Meadow Lake, SK. This is my first year living in Canada. I was born and raised in the Philippines. My family moved to Canada on July 25, 2008 and we are really enjoying it here, especially the snow. At my previous school in the Philippines I received the Academic Excellence award from grade 1 through 7. My hobbies include playing soccer and reading. When I graduate from high school I would like to go to university and study to become a doctor. I would like to be a doctor so that I can help other people.