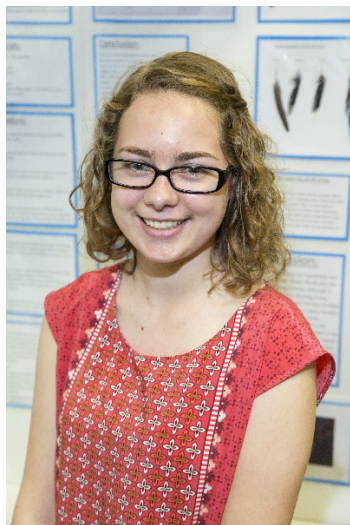


# CWSF 2014 - Windsor, Ontario



## Mackenzie Van Loon

### The Effects of Oil Spills on Marine Wildlife

**Challenge:** Environment

**Category:** Intermediate

**Region:** United Counties

**City:** Alexandria, ON

**School:** Glengarry District H.S.

**Abstract:** Marine animals can become endangered or even extinct due to oil spills. In this experiment, four soaps are compared to see which is most successful and safest in cleaning a marine animal following a spill. This was done by researching the ingredients and washing oil from a collection of feathers.

#### Biography

I am the oldest of three and we live in rural Ontario. I am very interested in the environment and am very busy with extra curricular activities. I play in a girls hockey league and in the summer, soccer. I have a part time job as a pharmacy assistant. I play school sports and enjoy the outdoors with my family. I am thinking of going into the health sciences post secondary and from there, will decide where it will take me. In picking a science fair project, I would recommend that you chose something that you are passionate about. That way, it isn't an effort to research everything. I chose my project to investigate the truth behind the "Dawn dish soap" claim of being the best for marine wildlife in the occurrence of an oil spill. I would love the opportunity to research if there is a better solution for cleaning marine wildlife after a spill.

#### Awards

#### Value

Excellence Award - Intermediate - Bronze Medal Sponsor: Nuclear Waste Management Organization	\$100
Western University Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: Western University	\$1 000
Total	\$1 100