



IMAGINING TOMORROW: ALTERNATE ENERGY FUTURES

Presented by The Northeast Sustainable Energy Association



Clean Energy Award Region IV: Northwestern MA

Sarah Jones &
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"Biokleen vs. Tide"

My name is Sarah Tierney Jones. I am in the sixth grade at St. Michael School in North Andover, Massachusetts. I live with my parents and my sister Kathryn, who is also a student at St. Michael's School. I love figure skating and dancing, I am also a Junior Girl Scout. I did my science project with my best friend Lindsey, whom I have known ever since we were in kindergarten.

My name is Lindsey Michelle Puglisi. I have two sisters, Alexandra and Lauren. I live in Windham, New Hampshire with my sisters, mom, dad, and puppy, Reesie. I am 12 years old, am in sixth grade and I go to St. Michael School. I take skating lessons once a week and I am a first degree black belt in tae kwon do. We chose this project because we were interested in whether organic ingredients would change the outcome of it. I also like to draw, and ski. I am a member of the St. Michael School science and knitting clubs. I am an active swimmer and I am a Junior Girl Scout. Science is my favorite subject in school, because it is very interesting.

Our project question was: Does organic laundry detergent work better than a commercial brand on stains? The organic detergent we used was Biokleen and the commercial brand was Tide. A second question was: Does hand washing compared to machine washing contribute to the outcome? We put the three stains, ketchup, salad oil, and chocolate on the t-shirts and either hand washed or machine washed them for 8 minutes each.

We chose the project because we both want to help the environment and we know that avoiding chemicals and preservatives in our everyday lives makes sense. We discovered in our project that you can help the environment even by switching to an organic laundry detergent. It turns out the organic detergent worked best at getting out the majority of the stains. We would like people to know that you can effectively clean your clothes while protecting the environment.