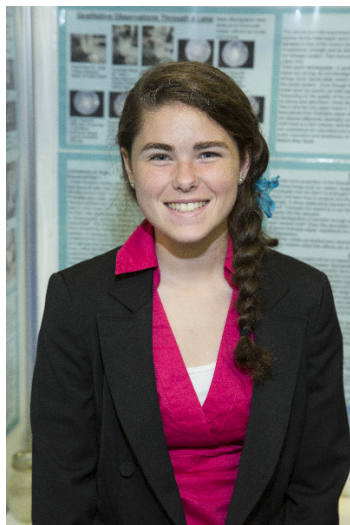


CWSF 2014 - Windsor, Ontario



Environmental Impact of Shifting Consumer Hygiene Trends

Challenge: Environment

Category: Junior

Region:

City: ,

School:

Abstract: Despite toilet paper being the only sewer-approved product, the Flushable Wipe industry is growing while sewer blockages increase. Using controlled trials; Flushable Wipes were tested for disintegration and compared to other paper products. Testing included a seven-day exposure to a water solution, wet strength test for breakage and agitation tests to measure disintegration rate. Findings show that Flushable Wipes do not disintegrate like toilet paper.

Awards	Value
Excellence Award - Junior - Gold Medal Sponsor: Youth Science Canada	\$700
Western University Scholarship Gold Medallist - \$4000 Entrance Scholarship Sponsor: Western University	\$4 000
Total	\$4 700