



## 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	\$700
Sponsor: Youth Science Canada	
Western University Scholarship	\$4 000
Gold Medallist - \$4000 Entrance Scholarship	
Sponsor: Western University	
Total	\$4 700



