

# Wonderful Watershed Moments!

MAY 2018



**LOCATION:**  
Duncan Foster Valley, Humber River Watershed

**DATE:**  
Tuesday May 1, 2018

**REGION/MUNICIPALITY:**  
Region of Peel, City of Brampton

**PARTNERS:**  
Toronto and Region Conservation (TRCA), Region of Peel, City of Brampton, Sir Isaac Brock Public School Students and Teachers



## Duncan Foster Valley Native Shrub Planting with Sir Isaac Brock Public School Students

TRCA hosted 34 students from Sir Isaac Brock Public School to plant native trees and shrubs at Duncan Foster Valley in the Humber River Watershed. Encompassing more than 900 square kilometers and home to over 800,000 people, Humber River Watershed is the largest watershed in TRCA's jurisdiction.

Staff welcomed students and provided a safety talk, planting demonstration to ensure quality and the group quickly got underway to plant. Mulch mats and mulch were placed around each plant to help ensure best survival.

This area is heavily impacted by litter, debris and illegal dumping, and after all the plants were in place, students participated in TRCA's Watershed Wide Cleanup Campaign removing over 100 lbs of litter and trash from the natural areas adjacent to the planting site.

Participants also became citizen scientists and assisted staff in collecting data for TRCA's Young Tree and Shrub Monitoring and Maintenance Program (YTMP). This data collection activity is used to track success and health of plants over a three to five year period, providing maintenance strategies and information on choosing best species for specific restoration sites.

Community based restoration activities of this nature allow students to be involved in improving the overall health and function of the watershed and provide a greater appreciation and understanding of natural spaces within urbanized environments.

### Positive Environmental Impacts

Vegetation Planted	# of Pieces Planted	Total Area Enhanced (sq.m.)	# of Participants	Participant Hrs Contributed	Litter Collected
Trees	10	25	34		
Shrubs	50	75		102	~100
<b>Total</b>	<b>60</b>	<b>100</b>	<b>34</b>	<b>102</b>	<b>~100 lbs</b>

