

# Wonderful Watershed Moments!

SEPTEMBER 2018



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

**DATE:**  
Wednesday, September 26, 2018

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

**PARTNERS:**  
Toronto and Region Conservation Authority (TRCA), Region of Peel, City of Brampton, Castle Oaks Public School Students and Teachers



## Duncan Foster Valley Community Based Restoration with Castle Oaks Public School Students

TRCA staff hosted students from Castle Oaks Public School for a community based restoration at Duncan Foster Valley in the Humber River Watershed. This watershed encompasses more than 900 square kilometers and is home to over 800,000 people.

The students were welcomed by TRCA staff, given a safety talk, and a planting demonstration to ensure quality and allow for best plant survival. Students quickly got to work planting 70 native trees and shrubs along the riparian zone which will act as crucial erosion control measures and provide important habitat for migrating birds and wildlife.

Data was collected as part of TRCA's citizen science Young Tree and Shrub Monitoring and Maintenance Program (YTMP). Measurements are taken of a percentage of vegetation and general observations recorded. Over a three to five year period, maintenance strategies are implemented and additional data is collected on insect infestation, wildlife browse, disease and effects of storm events to track success and health of plants at restored sites.

Community based restoration activities of this nature allow participants 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
Trees	25	63	50	100
Shrubs	50	75		
<b>Total</b>	<b>100</b>	<b>138</b>	<b>50</b>	<b>100</b>

