

# Wonderful Watershed Moments!

**OCTOBER 2018**



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

**DATE:**  
Wednesday, October 10, 2018

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

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



## Duncan Foster Valley Community Based Restoration with Beryl Ford Public School Students

TRCA staff hosted students from Beryl Ford 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.

Students were welcomed by TRCA staff, given a safety talk, and a planting demonstration to ensure quality and best plant survival. Students quickly got to work planting 75 native trees and shrubs along the riparian zone. These plants will help prevent erosion, stabilize the creek bank and provide important habitat for local birds and wildlife.

This group also participated in TRCA's Watershed Wide Cleanup Campaign removing litter and trash from the area. This section of valleyland is very heavily impacted by illegal dumping and litter. By removing garbage, students assist in preventing contaminants entering the waterway which negatively impacts both wildlife and human health.

Tree health 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.)	Watershed Wide Cleanup	# of Participants	Participant Hrs Contributed
Trees	25	65	8 bags	75	225
Shrubs	50	75	25 lbs		
<b>Total</b>	<b>75</b>	<b>140</b>	<b>25 lbs</b>	<b>75</b>	<b>225</b>