

Wonderful Watershed Moments!

OCTOBER 2018



LOCATION:
Duncan Foster Valley, Humber River Watershed

DATE:
Tuesday October 2, 2018

REGION/MUNICIPALITY:
Region of Peel, City of Brampton

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



Duncan Foster Valley, Community Based Restoration with Sir Isaac Brock Public School

TRCA staff hosted students from Sir Isaac Brock Public School and engaged them in community based restoration activities 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 and given a safety talk and planting demonstration to ensure quality to allow best plant survival. Students quickly got to work planting 70 native trees and shrubs along the creek shoreline. These plants will act as crucial erosion control measures to stabilize the creek bank and provide important food and habitat resources for migrating birds and wildlife.

Data was collected as part of TRCA's citizen science Young Tree and Shrub Monitoring and Maintenance Program (YTMP). A percentage of plant material is tagged with a unique ID number, measurements are taken 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.

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	65	~ 30	60
Shrubs	50	75		
Total	75	130	~ 30	60

