

Wonderful Watershed Moments!

MAY 2018



LOCATION:
Duncan Foster Valley, Humber River Watershed

DATE:
Friday May 4, 2018

REGION/MUNICIPALITY:
Region of Peel, City of Brampton

PARTNERS:
Toronto and Region Conservation (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 hosted 70 students from Castle Oaks 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 and planting demonstration to ensure vegetation were planted with quality and care. After learning safe techniques, the group quickly got underway planting 60 native trees and shrubs, placing a mulch mat around each one to help ensure best survival.

Newly restored sites are part of TRCA's Young Tree and Shrub Monitoring and Maintenance Program (YTMP). A portion of plant material is tagged with a unique ID number, measurements taken and general health recorded. Data is collected each year over a three to five year period to track effects of storm events, insect infestation, disease and wildlife browse. It allows maintenance strategies to be put into place and provides input into choosing best species for urban restoration sites.

This area is heavily impacted by litter, debris and illegal dumping so students participated in TRCA's Watershed Wide Cleanup Campaign collecting litter and trash from the natural areas.

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	70	210	3 bags
Shrubs	50	75			
Total	60	100	70	210	~15lbs

