



Rethink your relationship with tires

CASE STUDY

THE CITY OF VAUGHAN RECYCLED RUBBER TURF PROJECT

FROM OLD
TIRES TO
INNOVATIVE
SOLUTIONS



WHO

Corporation of the City of Vaughan

WHERE

Vaughan, ON

WHAT

Recycled rubber turf infill made by Liberty Tire Recycling for a community sports field

WHEN

June 2013

WHY

The City of Vaughan is always looking for innovative ways to use materials, and sustainable design is a priority. Rubber infill made from recycled tires was a natural fit to meet the City's safety, sustainability and durability standards.

Background

With a population of more than 280,000, the City of Vaughan makes up a vital part of the Greater Toronto Area. The Concord Thornhill Regional Park in Vaughan is an important recreational field, frequented by community members and sports teams, but in the summer of 2013, the City determined the site was in need of refurbishment. As part of the City's goal to redevelop the sports field in line with

new industry standards reinforced by FIFA 1 Star, artificial turf infill made from eco-friendly recycled tire rubber was used. The renovated field opened in September 2013 and received great support from the community and city leaders for its innovative use of old tire waste and sustainable construction.

Transforming Communities

Concord Thornhill Regional Park is a high traffic public space frequented by youth and adult soccer club members and Vaughan community members for high-impact fitness and recreational purposes. Recycled rubber infill made by Liberty Tire Recycling was used between turf fibres due to its sustainable and resilient qualities, as well as its ability to add a degree of stability to the field. Using this highly durable product also allows the City to extend the usable life of the field, and reduce replacement and maintenance costs in the long term. The project came

to life with support from community members including Glen Shields Soccer Club, which recently had a youth team named as BMO Team of the Year. Prize money from this recognition was committed to the artificial turf project, and supplemented by OTS' Community Grant Program, which provided the recycled rubber infill. Using the sustainable turf made from recycled tire rubber for other community projects has become a new standard for the City.



THE CITY OF VAUGHAN: ARTIFICIAL TURF PROJECT

“We try to implement recycled, eco-friendly products within all of our municipal developments,” said Martin Tavares, the City of Vaughan’s Construction Coordinator for the project.

“We’re always looking for innovative new building materials that support our commitment to sustainability, and uphold quality standards that allow our community members to enjoy public spaces for years to come.”

The use of recycled rubber turf in the new field ensures that sports enthusiasts can play longer throughout the season, and the Glen Shields Soccer Club is looking forward to using the field as their main location for future team activities.

Liberty Tire Recycling Background

Headquartered in Pittsburgh, Pennsylvania with operations across the USA and Canada, Liberty Tire Recycling transforms more than 110 million tires into raw materials annually.

Liberty Tire has cleaned up more than 150 dump sites littered with 40 million scrap tires in the past seven years.

The organization uses innovative tools and technology to find better ways to reclaim, recycle and reuse recycled rubber materials and transform them into a variety of products.



LibertyTire.com

“We’re thrilled to have played a role in the construction of this sustainable field for the community members in Vaughan,” says Jeffrey Kendall, Chief Executive Officer, Liberty Tires. “Rubber infill enhances the performance of high impact recreational surfaces and protects athletes by providing soft cushioning.”



ABOUT OTS

Ontario Tire Stewardship (OTS) is a not-for-profit organization responsible for ensuring the 10 million scrap tires generated annually get recycled, right here in the province.

Since 2009, we’ve diverted more than 50 million tires from landfills or from getting burned. We work with leading Ontario companies to put used tires to

work in your community and your home. They get made into landscape tiles, doormats, speed bumps, roofing shakes, garden mulch and a variety of useful and eco-friendly products made right here. Plus, we’ve helped bring more than \$40 million in investments and hundreds of jobs to the province. It’s amazing how something we used to just throw away can benefit Ontarians’ quality of life in so many ways.

RethinkTires.ca