



Restoring Community Trees in the Rouge River Watershed

In partnership with:



Great Lakes Restoration Initiative-United States Department of Agriculture (GLRI-USDA) Forest Service Grant:

- 2012, 2014 & 2017 grants totaling \$574,980
- More than 3,800 trees planted in 21 communities & Wayne County

Benefits of restoring trees in the Rouge River Watershed:

- An estimated \$60,000 per year in energy, carbon dioxide (CO₂), air quality, stormwater and aesthetics benefits.
- An estimated 105,000 gallons of rainfall will be intercepted each year by these trees reducing stormwater pollution.

In 2012 the Alliance of Rouge Communities (ARC) was awarded a GLRI-USDA Forest Service grant for \$374,980 that sought to replace more than 2,500 trees to the Rouge River Watershed, which lost thousands of trees due to the Emerald Ash Borer (EAB) since 2002. In 2014 and 2017 the GLRI USDA Forest Service awarded two subsequent grants to the ARC in the amount of \$100,000 each to plant a total of 1,360 new trees and create a healthy, functional and more diverse urban tree canopy in the Rouge River Watershed. These grants aided in reducing the effects of stormwater pollution, such as soil erosion and air pollution and the effects to habitat.

Tree planting is a priority project in the Rouge River Area of Concern (AOC) Beneficial Use Impairment (BUI) Delisting Strategy (2012). The Rouge River Watershed is a high to medium priority area for EAB according to the State Forest Action Plan and these projects help address the plan's Issue 9: Reforestation of Urban and Ex-Urban Areas. The approach for restoration has evolved from merely improving water quality to maximizing ecological integrity within the AOC.

The ARC member partners for these grant projects are: Bingham Farms, Bloomfield Hills, Bloomfield Township, Canton Township, Farmington Hills, Inkster, Lathrup Village, Livonia, Novi, Oak Park, Plymouth, Plymouth Township, Rochester Hills, Redford Township, Southfield, Troy, Village of Franklin, Walled Lake, Wayne, Westland, Wixom and Wayne County.



ROUGE GROWING GREEN!

THIS TREE PLANTING PROJECT IS PARTIALLY FUNDED BY THE U. S. FOREST SERVICE AND THE GREAT LAKES RESTORATION INITIATIVE TO IMPROVE WATER QUALITY



USDA, Forest Service Grant:
15-DG-11420004-002

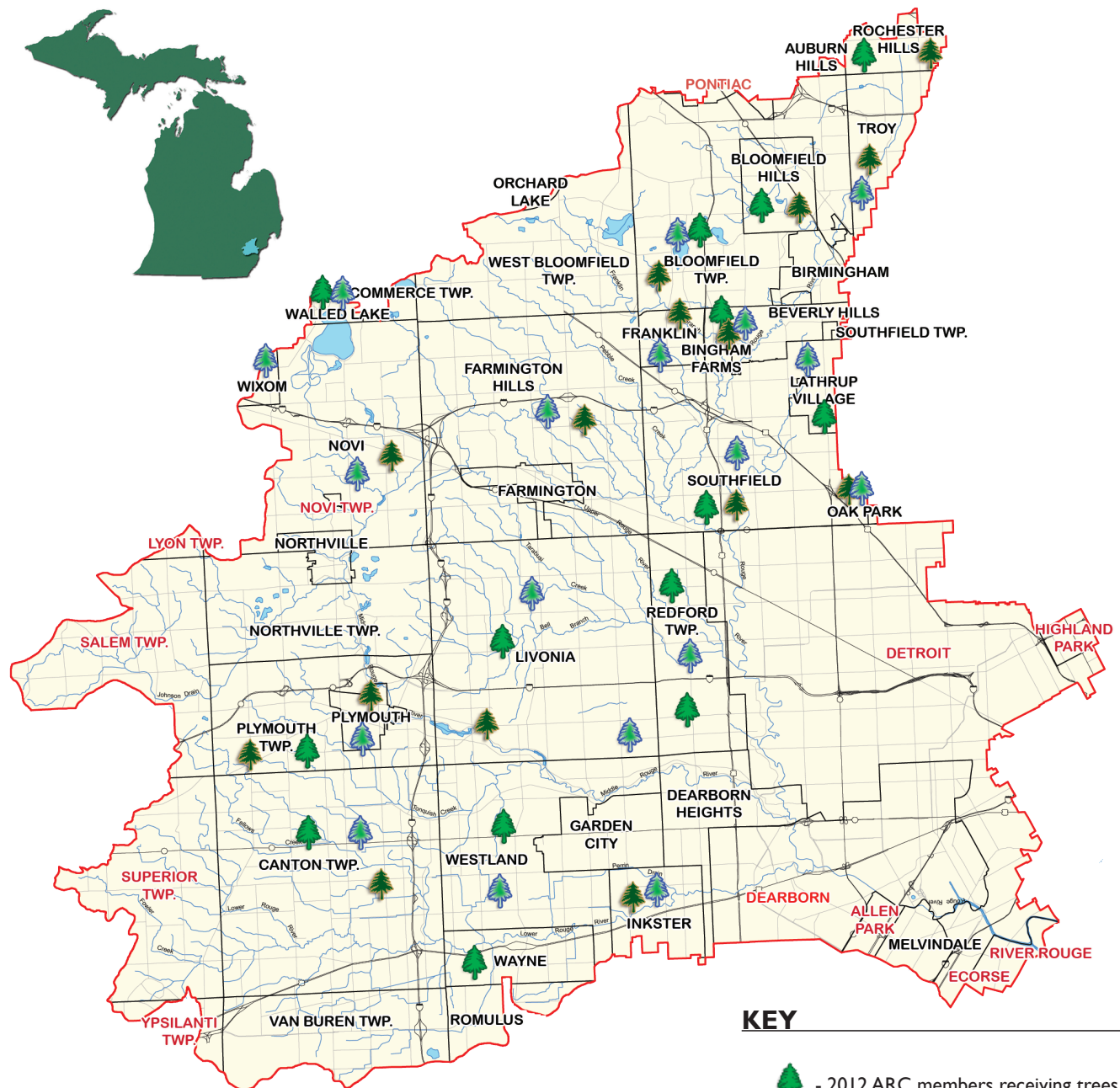


The ARC is a 501(c)(3) non-profit organization consisting of local municipalities, counties, educational institutions and stewardship groups working together to improve the Rouge River. Founded in 2005, the ARC is funded by membership dues from local governments and supported by grants. The ARC and its partners work cooperatively to meet water quality requirements mandated by the state's storm water permit and to restore beneficial uses, such as canoeing, fishing and other recreational activities, to the Rouge River. That means better water quality for less cost to its members!




For more information about other ARC activities visit our website at:
www.allianceofrougecommunities.com

This project is funded through a grant from the GLRI-USDA Forest Service (grant number 12-DG-11420004-013, 15-DG-11420004-002 & 18-DG-11420004-006)

Three GLRI-USDA Forest Service Grants Plant Trees in the Rouge River Watershed



KEY

-  - 2012 ARC members receiving trees
-  - 2014 ARC members receiving trees
-  - 2017 ARC members receiving trees
- Red Text** - Non-ARC Members
- Black Text** - ARC Members

For more information about other ARC activities visit our website at:
www.allianceofrougecommunities.com

This project is funded through a grant from the GLRI-USDA Forest Service (grant number 12-DG-11420004-013, 15-DG-11420004-002 & 18-DG-11420004-006)

This institution is an equal opportunity provider.