

Alliance of Rouge Communities – Trees for Green Schools



Wayne County & Oakland County Schools November 2011



As part of the Alliance of Rouge Communities (ARC) 2011 Green Infrastructure Education Campaign Wayne County's Water Quality Management Division (WQMD) coordinated the purchase of trees for each of the recognized Michigan Green Schools in the Rouge River Watershed. The tree species offered were all native to Michigan and included red bud, red oak, red maple and sugar maple. The trees were 1.5 inch caliper and depending on the variety, 5'-12' in height. Wayne County offered trees to 83 recognized schools within the Wayne County portion of the Rouge watershed and Oakland County offered trees to 43 schools. Of the 83 Wayne County schools, 31 schools (37%) accepted the offer. Five of these schools accepted two or more trees. Of Oakland County's 43 qualified schools, 11 schools (25%) accepted the offer and all 9 agreed to take more than two trees.



Advanced Technology Academy,
Dearborn



East Middle School, Plymouth

The Alliance of Rouge Communities (ARC) also provided white pine seedlings to 50 of the green schools. The seedlings were separated into packs of 30 and information that included planting instructions, the *Value of Trees flyer*, Rouge River bookmark and information on registering the tree through the ARC's website.

Healthy trees in our communities improve our water quality. In addition to the visual impact of trees, tree canopies and root systems provide a natural filter to our water supply and reduce storm water runoff, flooding and erosion*.

Trees are natural air filters, too. Their foliage reduces particulate matter from the air, including dust, micro sized metals, and pollutants such as ozone, nitrogen oxides, ammonia and sulfur dioxides. Forty trees can remove 80lbs of air pollution annually*.

Trees cool the air naturally from the effects of water evaporating from leaves and from direct shade. Buildings shaded by trees need less energy for cooling, which in turn means lower monthly utility bills in the summer. Four trees planted around each home could save up to 30% on summer cooling costs*.

For more information on the ARC's Green Infrastructure Education Campaign please contact Ms. Zachare Ball, ARC Executive Director Services call her at (734)769-3004 or email her at zball@ectinc.com. For more information on the Green Schools Program please contact Ms. Nancy Gregor, Wayne County Water Quality Management Division at (734)326-4607 or email at ngregor@co.wayne.mi.us.

* Information obtained from the *Value of Trees* flyer the Alliance for Community Trees www.actrees.org



Working together, restoring the river



Participating Schools and Communities and Teachers Comments

School	School District
Wayne County ARC	
Riverside Middle	Crestwood
Becker Elementary	Dearborn
Bryant Middle	Dearborn
Dbn Ctr for Math Science & Tech Hig	Dearborn
Dearborn High	Dearborn
Henry Ford Early College	Dearborn
Howard Elementary	Dearborn
Miller Elementary	Dearborn
Nowlin Elementary	Dearborn
River Oaks Elementary	Dearborn
Salina Intermediate	Dearborn
Garden City High	Garden City
Franklin High	Livonia
Frost Middle	Livonia
Grant Elementary	Livonia
Randolph Elementary	Livonia
Riley Upper Elementary	Livonia
Wesbster Elementary	Livonia
Muslim American Youth Academy	Non-Public - Dbn
Ladywood High	Non-Public - Liv
Plymouth Christian Academy	Non-Public - PlyCan
St Valentine	Non-Public - Red
Amerman Elementary	Northville
Hillside Middle	Northville
Moraine Elementary	Northville
Thornton Creek Elementary	Northville
Bird Elementary	Plymouth-Canton
East Middle	Plymouth-Canton
Field Elementary	Plymouth-Canton
Advanced Technology Academy	PSA - Dbn
Achieve Charter Academy	PSA - PlyCan
Addams Elementary	South Redford
Jefferson Elementary	South Redford
Roosevelt McGrath Elementary	Wayne Westland
Oakland County ARC	
Beverly Elementary School	Beverly Hills
Berkshire Middle School	Beverly Hills
Bingham Farms Elementary School	Bingham Farms
Pierce Elementary School	Birmingham
Ernest W. Seaholm High School	Birmingham
Birmingham Covington School	Bloomfield Hills
Eastover Elementary School	Bloomfield Hills
St. Hugo of the Hills School	Bloomfield Hills
Our Lady of Sorrows School	Farmington
Gill Elementary School	Farmington Hills
Harrison High School	Farmington Hills
Alameda Early Childhood Center	Farmington Hills
Southfield-Lathrup High School	Lathrup Village
ARC Communities	
Canton	
Livonia	
Wayne	
HFCC	
Bloomfield Twp	
Washtenaw County Road Comm	

Thank you! One of our third grade classes had a ball yesterday planting the maple. We're planning to give out the 120 seedlings to the first participants to our K, 1, 2 grade sockhop on the 21st. Here's a few pics for you. Thanks again. It brightened a lot of youngsters' day!

James

Advanced Technology Academy -
Dearborn

The trees are a big hit! I already had kids lined up after school to "Adopt a Baby Tree."

Thanks for the great resource.

Sr. Heidi

*Muslim American Youth Academy
- Dearborn*