

The following is a summary of phase I, II, and III of Lafayette's tree inventory:

Lafayette's I-Tree Analysis

In order to identify how much benefit is provided and returned to the community, a benefit cost analysis of Lafayette's inventoried tree population was performed. The entire tree inventory, including information from the three phases were formatted for use in the i-Tree Streets (version 4.1.7) benefit-cost assessment tool.

The summary:

- The top 5 inventoried genera were:
 1. Maple 35% (silver maple 13%)
 2. Ash 11%
 3. Pear 6%
 4. Apple 5%
 5. Linden 5%
- Intercept of 12.5 million gallons of storm water valued at \$337,952 per year, for an average benefit of \$39.15 per tree.
- Reduced energy and natural gas use from shading and climate effects equal to 1,359 megawatt-hours and 184,601 therms, respectively, valued at \$284,049 per year, for an average of \$32.91 per tree.
- Net air quality improvement from the removal and avoidance of 8.3 tons of air pollutants valued at \$46,884 per year, for an average of \$5.43 per tree.
- Reduction of atmospheric CO₂ by a net of 2,625 tons per year valued at \$39,379, for an average of \$4.56 per tree.
- Increased property values, aesthetics, and other less tangible improvements valued at \$325,742 per year, for an average of \$37.74 per tree.
- The total annual benefit received from the City's inventoried public trees was \$1,034,006 for an average of \$119.79 per tree.
- Davey Tree Group inventoried 15,523 sites.
- Sites include trees, vacant spaces and tree stumps.
- Of the three phases, 6,298 sites are vacant spaces and available for trees to be planted.

Summary of each inventoried phase can be found on the City of Lafayette and the Park and Recreation Website. Phase four will begin this summer and at our annual meeting on November 13, 2013, the Davey's group will present the findings for Lafayette. Questions will follow.



2013 Tree Lafayette Board

TREE LAFAYETTE ELECTED 2013-2015

Greg Goga Susan Colby Ben Basaran Greg Shaner

TREE LAFAYETTE BOARD MEMBERS

Arlan Stavnheim, Past President and Executive Director
Larry Rose, President Rob Galbraith
Rob Pahl, Vice President Denise Coogan,
Laura Wright Secretary Gail Brock
Keith Shaw, Treasurer Jennifer Streisand
Sam Biederstedt Greg Shaner
Jonathan Fisher
Advisors: Belinda Kiger, Urban Forestry Mgr., City of Lafayette
and Orvin Lindell, CPA

Phone: 765-449-7908

Email:

arlan@treelafayette.org

larry@treelafayette.org

gail_brock@comcast.net

gregory_shaner_454@comcast.net

www.treelafayette.org



Planting and Promoting a Healthy Community

Vision Statement:

TreeLafayette by creating an awareness and desire for a tree covered community thereby becoming a premier city for urban forestry in the nation.

Mission statement:

"TreeLafayette serves our community by providing the leadership and inspiration to engage the community in the activity of planting trees. We are a source of knowledge and information regarding the value that trees provide to the urban setting. We are committed to urban beautification, a healthy environment, and a sustainable quality of life that the urban forest provides".

Annual Report

2012

Tree Lafayette

1915 Scott Street
Lafayette, Indiana 47904

- 2012 Income & Expense -	
Fund balance 1.1.12	\$31,637
Income:	\$64,853
Restricted grants	51,046
Neighborhood grants	5,688
Unrestricted grants	2,025
Lunch annual meeting	668
Supporter	5,369
Memorial	25
Expense:	\$59,969
Education	519
Annual meetings	985
Marketing,	5,940
Trees & Equip.	51,715
Governance	810
Fund balance 12.31.12	\$36,619

-Foundation Income-Restricted-

Community Foundation of Greater Lafayette
Lafayette Life Insurance Foundation
Duke Energy Foundation

-Grant Income Restricted-

Tipmont REMC EnviroWatts Trust Board
Treasurer of Tippecanoe County Evonik Degussa Corp
Heritage Interactive Services Tate and Lyle South
Wabash River Enhancement Corp. Alcoa Laf. Operations

-Neighborhood Income-Restricted-

Historic Centennial Columbian Park

- Donors -

Majestic Maple \$500-\$999

Arlan & Sharon Stavnheim Fraternal Order of Eagles
City Bus of Greater Lafayette

Spreading Sycamore \$250-\$499

Richard and Hilda Giromini Rob & Carol Galbraith

Elegant Elm \$100 to \$249

Dr. David L. Alexander	William Baugh
Sam and Rita Biederstedt	Denise Coogan
Kristen and Donal Carlston	Kristen L. Crawford
Raymond & Christina DeCarlo	Downham Custom Homes
Ed & Sue Eiler	Happy Hollow Garden Club
Martin and Patty Jischke	Orv. Lindell
Lifelong Fitness	Bob and Jean Leavitt
Lawrence & Wendy Preo	PEFCU
Larry & Marianne Rose	Scholer Corporation
Visit Lafayette-West Lafayette	Laura Wright

Beautiful Beech \$50 to \$99

Robert and Ellen Barker	Patricia Barrett
Chris Brown Construction	Janice Cartwright
Ron & Marlene Campbell	Michael & Phyllis Hunt
Thomas & Susan Freeman	Rich & Becky McDaniel
Mark and Linda Schuver	Ralph & Barbara Smith

Great Ginkgo \$25 to \$49

Tracy & Elizabeth Brown	Gail Brock
George & Nancy Dandrow	Edward "Robert" Downey
Pat and Sharon Devin	Norbert and Carolyn Fisher
Roberta Deagan Keirce	Belinda Kiger
Jerry Preuss, D. D. S.	Kenneth McCammon
Dennis and Karen Mitchell	Joseph Seaman
Keith and Anita Shaw	Clem & Denice Schroll
Wal-Mart	Lonnie Heide

Memorial: Richard Donahue

Sandra Allende-Donahue

In Kind Gifts, non board members:

Matt Birchfield	Heritage Interactive Service
Caterpillar	L&H Industrial Supplies
Visit Lafayette & West Lafayette	Fisher & Loy Funeral
Tyrie Mower Repair	

Tree Lafayette Endowment

Mr. and Mrs. Dennis Gernhardt	SIA
Dr. and Mrs. Robert Hannemann	Mr. Samuel C. Curtis III
Mr. and Mrs. Thomas Combs	Kirby Risk Corporation
Mr. and Mrs. Keith Shaw	Robert and Kathleen Pahl
Mr. and Mrs. Ronald Campbell	Ms. Sandy Pearlman
David Lindsay and Sharon Shoppell	Mr. Daniel Shaw
Dr. Elizabeth Doversberger	Mr. Larry Lewellyn
Mr. and Mrs. John Gambs	Ms. Susan Colby
Mr. and Mrs. Joseph Seaman	Mr. James Klatch
Mr. and Mrs. Mark Lundstrom	Mr. and Mrs. Michael Hunt
Emil Venere and Jennifer Streisand	City of Lafayette
Mr. and Mrs. Gregory Shaner	Mr. and Mrs. Al Wright
Mr. and Mrs. James Buescher	Mr. and Mrs. Bruce Junius
Happy Hollow Garden Club	Ms. Janice Harris
Mr. and Mrs. Wilber Hancock	Mr. and Mrs. Larry Rose
Mr. and Mrs. Norbert Fisher	Mr. and Mrs. Jim Ross Jr.
Mr. and Mrs. Arlan N. Stavnheim	Mr. and Mrs. Eugene Bold
Mr. and Mrs. John Branstrator	Mr. and Mrs. John Thomas
Ms. Kristel Kaye	

Regular Volunteering:

Susan Colby	Matt Green	Matt Lapcheska
Randall McGinnis	Mickey Penrod	Susan Lapcheska
Susan Philyaw	Joe Fowler	Matt Shively
Sonya Thomas	Marti Sackett	John Slaven
Tammy Stanis	Jeff Studebaker	

Neighborhood Tree Stewards:

Don Staley- Columbian Park	Arlan Stavnheim- Saw Mill Run
Gail Brock- Ellsworth-Romig	Sam Biederstedt-Jesco Hills
Michael Hunt-Historic Centennial	John Slaven-Orchard Heights
Denise Coogan-Raineybrook	Greg Shaner-Lockwood
Frank Egelhoff-MillCreek	Larry Rose-Wildcat Valley
Rob Pahl-Winding Creek	Laura Wright-Perrin
Torbert Rocheford-Historic Centennial	

School Tree Stewards

Jeff Studebaker- Jefferson H. S.	Clare Lutgen Oakland H. S.
Brett Gruetzmacher-Tecumseh Jr. H. S.	
Matthew Brown- Sunnyside Middle School	

-Awards Given at Annual Meeting-

-Twenty Year Supporters-

Evonik Degussa Corp -Tippecanoe Laboratory's

-Fifteen Year Supporters-

Raymond & Christina DeCarlo	Caterpillar
Lawrence & Wendy Preo	Michael and Phyllis Hunt

-Ten Year Supporters-

Chris Brown Construction	Norbert and Carolyn Fisher
Roberta Deagan Keirce	Ron & Marlene Campbell
SIA	Wal-Mart

-Appreciations-

Richard Doyle	Brett Gruetzmacher
Kerry Smith	Jeff Studebaker
Lynn Layden	Matt Green
Jeff Tyrie	Karl Hensley
Brent Childs	

-Neighborhood Tree Stewards-

Don Staley-Columbian Park

-Volunteers of the Year-

Susan Colby

-Tree Lafayette Endowment-

Tree Lafayette Board of Directors created the Tree Lafayette Endowment at the Community Foundation of Greater Lafayette for the purpose of replacing trees in Lafayette. We are looking into the future from the results of the existing tree inventories taken in Lafayette.

We know the Emerald Ash Borer will be killing all the ash trees in the Lafayette area. We know the drought stressed a lot of trees and they will die in the next year or two. We know the tree inventory of 15,000 shows us 10% of the tree inventoried are in critical condition. All facts considered, we could lose about 20% of our urban forest.

We have vacant spots for trees to be planted. Vandalism, accidents, salt, oil, etc are other killers. Please give to the Community Foundation of Greater Lafayette and in the memo, Tree Lafayette Endowment. For every \$1.00, the Community Foundation will give 25 cents as an incentive.

-By the Numbers-

Marketing, Internet, PR, Volunteer Committee

- 137,570 web hits, 32% over 2011
- 2602 supporters were given tree presentations
- 200 Tote bags and tee shirts were given out
- 170 volunteers helped plant on Arbor Day
- 150 saplings given out
- 2 newsletters, and annual report were printed and distributed to over 400 supporters.

Tree Committee

- 214 trees planted, 13% over 2011.
- 349 street trees pruned.
- 353 trees mulched.
- 483 trees watered, 686 hours, 72,465 gal., back 5 years, 17 volunteers.
- 2 neighborhoods, Centennial and Columbian Park had trees planted.
- 2 corridor streets planted: N. 9th, and Greenbush.
- 14 schools: 90 trees planted.
- 1622 trees planted since 1994.
- 6827 trees pruned since 1995.

Development, Membership, Grants, Finances

- 14 grant applications written
- 13 grants received
- 402 listed supporters
- 230 renewals and annual appeals
- \$45,205 raised
- Tree Lafayette endowment 45 supporter, \$11,043.75 raised. The interest will replace two and one half trees per year.

Education Committee

- 6 elementary schools planted trees
- 21 third grade classes received presentations
- 1,485 4th grade students were given saplings
- Lorax books were given to the 3rd grade classes

Volunteer hours

- 2700 hours plus

Larry L. Rose, President
Tree Lafayette

-Third Grade Program-



-Vinton-

-Edgelea-



The Education Committee of Tree Lafayette planted another tree at six elementary schools. Working with the third graders, each student received bean seeds, cup and instructions to watch the roots and leaves grow. Each class received two copies of the Lorax book.



Children offered to help water the trees after learning about trees in their third grade class.

-Fourth Grade Program-

During Ag days, 1,485 saplings were given out to all Tippecanoe County fourth graders. West Lafayette Parks and Tippecanoe County Soil and Water Conservation District participated.



-Oakland High School-



Trees were thirsty.

For thirteen weeks, seventeen volunteers watered 4,831 trees, contributed 686 hours and used 72,465 gallons of water. Trees up to 5 years old were watered and seven personal trucks were used.



Arbor Day in Lafayette, May 5, 2012

170 Volunteers from the Lafayette area planted 79 trees at Jefferson High School and Tecumseh Jr. High School with the 1500th tree being dedicated to Dr. Ed Eiler and twenty years of Lafayette being classified a TreeCity USA.

<http://tinyurl.com/tree-lafayette-arbor-day>



SPONSORS, AND VOLUNTEERS



Rep. Sheila Klinker and Chair-man Matt Green for Arbor Day.



The 1,500 tree is dedicated to retiring School Superintendent Dr. Ed Eiler. Helping with the planting are Mayor Tony Roswarski, Sue Eiler, Matt Green, Kay Walton and Eiler's grandchildren.



Tree dedication plaque to Dr. Ed Eiler



Tecumseh entrance