



## Chesterfield Citizens Committee for the Environment 2017 End of the Year Metrics



### Presenters – Continuing Education

- \* Chris Hartley, Director of Science Education, Butterfly House/Project Pollinator
- \* Robert Sears, President of E. Mo Beekeepers
- \* Geoff Wegrzyn, City of Chesterfield's new Arborist
- \* Greg Anderson, Professor of Biology/Lindenwood University/Sustainability Team
- \* Fiona Woody, Director of Sustainability Reporting and Metrics & Dion McBay, Global Sustainable Development Lead for Monanto HQ/Sustainability Team
- \* Clarice Hutchins – Pfizer/Biotech, Bioremediation/Green Chemistry-Sustainability Team

### Lost and Honored

- \* CCE Member and NWF Community Wildlife Habitat Partner, Patty O. Wiggins
- \* One of Two Oldest Living Trees/2000 Millennium Green Partnership, a Northern Red Oak in Claymont Woods Subdivision

### Updated Materials

Name and age factor for the Horse-chestnut in Faust Park/Chesterfield's Centennial Tree Roster

Signature Garden Application

Chesterfield What and Where to Recycle Flyer

Buying Recycled Means 'Closing the Loop' Brochures

International Earth Hour 2017

"All-in-One," Concessions Recyclables for Amphitheater and CVAC "Coaching the Coaches" Recyclables for County Grant, and Bathroom Recyclables

CCE Brochure

### Community Education Tabletops

Earth Day at Chesterfield Mall 4/17

Fresh Water/Sustainable Gardening/Recycling at Library and YMCA Spring & Fall

Reading Racks at City Hall: native, natural, energy resources conservation

Party off the Parkway

### Green Team &/or Team for Regional Excellence in Energy and Environmental Design

#61 and #62 elected and voted upon; to be honored 2/18 at City Council

### NEW Projects

- \* Approximately 600 handmade, reclaimed, repurposed, reusable cloth 'plastic bags' collection sleeves given at Earth Day AND 21<sup>th</sup> Chesterfield/MO/America Recycles made by Charity-Sharity
- \* Reusable Bags and Calendars Initiative with Friendship Village
- \* Partners to NWF's Million Pollinator Garden Challenge; expanded YMCA's 'metamorphosing' native flora for butterflies garden with a second segment of 7 trays of native flora: 3 GS Troops + CCE = planted 7 Trays in 1 ½ hours!





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- \* Two new Ward IV Members to CCE: Gary and Ram
- \* CFM solicited writing for Conservation Leadership Corps: submitted “Standardizing Recycling Policies, Practices, Procedures throughout our State Parks”
- \* Inaugurated cooperation with U of NE, National Agroforestry Center for focusing on native bees
- \* Sustaining unified work with CFM/NWF to assure wildlife thrive in a fast changing world!
- \* New City Staff Liaison transitioning since 5/17
- \* Introducing and developing concept of Inaugural Sustainability Team: NWF Partners, CFM, BSUSA, GSUSA, Lindenwood University, Pfizer HQ, Monsanto-Chesterfield & HQ
- \* Drafted Joint Letter to NWF and CAPRA for a more holistic and unified community **and** parks measurements for higher sustainability-centered designs in May; awaiting City approval
- \* Developed and Produced our inaugural PowerPoint: Getting to Know Your CCE, for new City employees & Officials, and the public. Put onto CCE Page on City’s website.

-Utilized at CFM Affiliates’ Summit

-Requested by NWF Director of Education K. Coyle

- \* Developed and produced a second PowerPoint to honor the Top Winner of CCE’s 2016 BiAnnual Family Native Gardening Grow-Off for presentation to City Council
- \* Requested to send CCE’s digital resources to the NWF’s *new* Online Platform

## 26<sup>th</sup> Annual Chesterfield Earth Day

- \* Gave away native trees, native flora & annual seeds
- \* Collected 23,000 +lbs recyclables in 2hrs before the outdoor activities were rained out
- \* Sustained NWF Ranger Rick presence
- \* Mayoral Proclamation for Earth Day
- \* Honored 18 Monarch/Pollinator Nexus Gardens developed with businesses, organizations, parks and schools over 17 years in Chesterfield
- \* Observed National Arbor Day at Eberwein Park AND Missouri Arbor Day at Parks HQ with native flora/tree plantings
- \* Royal Oak Community Recycling Bins collected 69.060 tons in 2017 vs 147.42 tons in 2016

### Curbside Recycling Volumes from Republic (Dec – Nov)

	2017	2016
YW in yards	10,755.17	9,643.24
Recycle in tons	4,785.81	4,439.73
Trash in tons	11,522.47	10,581.36





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## Recycling/Conservation

- \*Sustained 2<sup>nd</sup> BiAnnual Family Native Gardening Grow-Off (ends 3/17; honors 10/17).
- \*Gave away over 400+ native flora for pollinators seed packets donated from PANatives.
- \*Sustained synergies via PRACAC.
- \*Increased quality nature in Chesterfield and surpassed previous years' NWF Fiscal Report metrics for achievement of post-certification goals; we're **now** in our 13<sup>th</sup> YEAR OF CONTINUAL NWF COMMUNITY CERTIFICATION since Spring, 2005, and the **ONLY ONE IN OUR STATE, 9<sup>TH</sup> IN OUR COUNTRY!** (over ap. 185...)
- \*Sustained Annual October **INVASIVE BUSH HONEYSUCKLE** eradication efforts at NWF Anchor Project sites in Faust Park: 52 human/3 hours/11 dumptruck loads of IBH!
- \*Sustained 26 years of community reforestation; 20 Tree City, USA's; MDOC native trees/woody shrubs given away at Earth Day.

## Outreach

- \*Continual presence in all quarterly city newsletters; social media.
- \*Recycling Education Tabletops at Party Off the Parkway
- \*Sustained Comfort Bear/Blanket giveaways and increased regional networks/giveaway numbers in this hemisphere
- \*Sustained participation with CFM's Conservation Leadership Corps via CCE Networks.
- \*Sustained working with families from Wild Horse Elementary School who want to help with: recycling, native flora planting, helping pollinators, NWF Schoolyard Habitat, Earth Day, etc.
- \*Developing 2 Blue Planet's GREEN Challenge Youth for Earth Day 2018
- \*Second Year for Project Pollinator + CCE/YMCA Theater
- \*Letter of Support for St. Louis Teachers' Recycle Center/Van Go effort

## 21<sup>st</sup> Chesterfield/Missouri/America Recycles Event

- \*Gave away approximately 300+ handmade, recycled cloth, reusable 'plastic bags' storage sleeves to attendees.
  - \*NEW on-site document shredding: American Document Destruction.
- Chesterfield / MO Recycles Day Collections:

Vendor	2016	2017
St. Louis Teachers Recycle Center	1020 pounds	200 pounds
MRC electronics	35,030	38,030 pounds
Republic	40 Tons	0.49 tons
STL Bicycle Works	62 bikes	57 Bikes
Charity Sharity	55+ 13-gallon trash bags, 4 sewing machines, 6 rolls of fabric	40+ 13 gal bags, 15 sewing machines
Paper Shredding	8,407 pounds	22,180 pounds
Habitat for Humanity	3,900 pounds (13 CY)	5,800 pounds (19.5 CY)
Medication Take Back	265 pounds	265.8 pounds
VEHICLE COUNT	708	731 (750)







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### Increased Community Stewards

- \*Girl Scout Troops 1050/Kim Montgomery & 1668//Diane Droege (CCE Liaison Troops); new Girl Scout Troops 3683/Reva Faber, 4500/Laura Ryterski, and Daisies Troop # 2384/Erica Blessner.
- \*Sustained Boy Scouts through New Horizons District/Order of the Arrow
- \*YMCA.
- \*Sachs Library
- \*Wild Horse Elementary School families/Cricket Team



### Regional/National/Global Distinctions

- \*WON competitive St. Louis County, Dept. of Health's 2017 Waste Reduction Grant for a Recycling Pilot Project at our Amphitheater to improve recycling practices and volumes in our community.
- \*Partner of BiodiverseCity St. Louis/MO Botanical Garden – bistrate consortium urban/suburban/rural stakeholders shaping the future.
- \*Participant in ALL NWF Quarterly National Telephone Conferences.
- \*Improved our Mayor's standing with the NWF "Mayors' Monarch Pledge;" maintaining top tier!
- \*Helped sustain 20<sup>th</sup> Tree City, USA.'s; 26 Earth Days, 21 America Recycles Events.
- \*Sustaining 13 years of improvements to quality nature in our community via NWF Certified Community Wildlife Habitat achievement of post-certification goals; 2017 achieved the highest number of measurable results thus far.



Thank You's **must** be given to ALL CCE Members because they have improved natural world systems, recycling, and conservation ecologies here, in our region, in our country and in this hemisphere! **In this year**, we have crossed a 'new' threshold, into venues created with 'sustainability teams'! Happy Holidays!