



2015 Sustainability Report

Presented by:

City of Winter Park's Keep Winter Park Beautiful & Sustainable Advisory Board

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FORWARD

The City of Winter Park Sustainability Office was originally created in 2009 to research and recommend improvements concerning Green Local Government Certification, which the City earned at the Gold level in 2011. The Sustainability Office was then given the appointment to reflect the City's leadership in energy and environmental awareness.

Led by the Keep Winter Park Beautiful & Sustainable Advisory Board, the city's first Sustainability Action Plan (SAP) is a collaborative effort involving the entire community. The plan was adopted by unanimous vote of the City Commission on February 9, 2015.

The purpose of the SAP is to create a roadmap depicting where the city is today and where it would like to be in the future, in regard to sustainability. It is divided into seven categories, long term objectives and short term actions for helping the city achieve these long term objectives. The objectives are intended to be quantifiable so that progress can be measured on an annual basis and reported to decision makers and stakeholders. A collaborative, integrated approach is necessary for working toward meeting the objectives outlined in the program. The plan is a living document intended to evolve over time as Winter Park experiences both progress and challenges.

This report is the first annual report of the Sustainability Action Plan. It provides a review of city activities and programs that are taking place now, and provides an outline regarding sustainability related considerations as the City moves forward.

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Executive Summary

- **Community Engagement and Green Economy:** The City of Winter Park has year-round programs when it comes to providing educational and volunteer opportunities for keeping our city clean and green. Many of our own departments offer education and awareness from home energy-efficiency audits (provided by the city's Sustainability Office) to the multiple Watershed Litter cleanup events throughout the year.
- **Waste And Recycling:** Integration of sustainability into the Waste Collection RFP will be instrumental in breaking through the 15% diversion rate and continuing progress toward the state of Florida 75% diversion rate goal that was set for 2020. KWPB and sustainability staff are also committed to continuing as the go to resource for commercial and residential recycling education
- **Mobility and Urban Form:** Notable for 2015 is the fact that the City of Winter Park Walkscore has decreased 10 points since the 2012 baseline. This is expected to upswing again through efforts such as the Denning Drive Project, where walkability is factored into the redevelopment.
- **Buildings, Energy, and Water:** Energy consumption reduction at the residential and municipal levels was a focus for 2015, and will continue to be so moving in to 2016. The City of Winter Park is now a semifinalist in the Georgetown University Energy Prize, a two year, national competition of 50 municipalities competing for a 5 million dollar prize purse. As the only city in Florida, and one of only a handful of cities in the southeast, we are focused on reducing gas and electricity use for these sectors as compared to a baseline measured from 2013 and 2014. The Conservation Rebate Program expended all of its funds very quickly in FY15 so FY16 budget will include a requested increase for programmatic sustainability.
- **Natural Resources and systems:** This past year, the Lakes division completed several significant projects and maintenance events which will continue to improve water quality within the city lakes and waterways. Urban forestry was awarded a 3rd consecutive Community and Urban forestry Grant from the Florida Forest Service to continue the urban forestry inventory. Budget requests include projects identified through America In Bloom and Keep America Beautiful affiliate relationships.
- **Local Food and Agriculture:** Through a grant with Healthy Central Florida, the City of Winter Park is working with two other local Farmers Markets to create the first organized SNAP acceptance program in Central Florida. The topic Backyard chickens is being raised by residents for consideration by the commission.
- **Local Government Operations:** 2016 saw the formation of an employee driven Green Team. It is the initial goal of the green team to use the day-to-day operational knowledge of these staff members to create a list of short, medium, and longer term goals for projects that will have a monetary benefit to the city, with a primary focus on energy, water, and waste reduction.

City of Winter Park

Guiding Commitments

By integrating elements of this plan, Winter Park will:

- Increase the quality of life while improving individual and community health.
- Become more energy independent.
- Protect and enhance air quality, water quality, and natural systems.
- Save money.
- Increase economic value.

It is the intention of this document to provide high level objectives that are conceptually approved by the City Commission and leadership. The actions listed under each category are put forth as possible avenues for achievement of the approved goals, and do not represent required or prescriptive measures.

Community Engagement & Green Economy

	Indicator	2012 Baseline	2015	2020 Target	2030 Target
CEGE1	City wide Carbon Footprint in GHG Emissions (electric, transportation, solid waste)	397,075	Not Measured at this interval	25% less	50% less
CEGE2	Recognized Green Businesses	0	9	25 % recognized businesses	50% recognized businesses
CEGE3	Residents taking the Sustainability Pledge	0	36	50%	100%
CEGE4	Green School Grant Applications	10	5	50%	100%
CEGE5	KWPB Volunteer Events	12	13	12	12

2015 Project Status	Status
Develop Marketing Plan for Sustainability.	In Progress
Continue Green School Grant program.	Complete
Explore funding options for maintenance and upkeep of existing Pocket Parks and Community Gardens	Program Suspended
Facilitate sustainability education workshops	In Progress
Continue participation in America In Bloom/ Winter Park Blooms.	In Progress
Continue volunteer opportunities including lake cleanups, gardening, and invasive species removal.	In Progress

2016 Projects

Develop interactive sustainability webpage that allows individuals to take Sustainability Pledge, calculate their carbon footprint, organizations to post environmental volunteer opportunities, and share success stories.
Develop Marketing Plan for Sustainability.
Continue Green School Grant program.
Facilitate sustainability education workshops
Continue participation in America In Bloom/ Winter Park Blooms.
Continue volunteer opportunities including lake cleanups, gardening, and invasive species removal.

The City of Winter Park has year-round programs when it comes to providing educational and volunteer opportunities for keeping our city clean and green. Many of our own departments offer education and awareness from home energy-efficiency audits (provided by the city's Sustainability Office) to the multiple Watershed Litter cleanup events throughout the year. KWBP also provides various opportunities in providing educational programs such as the 'Waste in Place' program in the local school system and at the Mead Botanical Garden Young Naturalist Summer Camp Program. The city's "Keep Winter Park Beautiful" (KWBP) program offers yearly events such as:



Great American Cleanup: an annual event from March to May when citizens come together to clean up and beautify the streets and lakes of Winter Park, supplies provided by KWBP.

Earth Day in the Park: The City's Office of Sustainability invites all city departments to participate in the Earth Day Fair, this allows the participants to come together in one place as a city unit to educate and make residents aware of the city now and in the future.

Schools from the elementary level to High School compete for Green School Grants, which are awarded on Earth Day by the Mayor in support of eco-friendly projects such as butterfly gardens, vegetable gardens, and on site composting programs .

The City of Winter Park has partnered with Green Destination Orlando, City of Orlando, and Orange County to launch the 2016 Central Florida Workplace Challenge, where local businesses are challenged to create a more green, healthy, and involved workplace in a friendly competition with other businesses. This widely adopted challenge was originally piloted in Winter Park in 2015 and is an exciting new collaborative project that will increase the number of recognized green businesses in Winter Park in 2016.



America in Bloom promotes nationwide beautification through education and community involvement by encouraging the use of flowers, plants, trees, and other environmental and lifestyle enhancements. The City of Winter Park was a 2015 recipient of the America in Bloom Outstanding Achievement Award in the Overall Impression category.

Waste Diversion & Recycling

Category	Indicator	2012 Baseline	2015	2020 Target	2030 Target
Waste Diversion & Recycling	WDR1 Waste diverted from landfill	15%	15%	75% (state goal)	90%
	WDR2 Total tons of solid waste generated	11,594	11,684	10% less	25 % less
	WDR3 GHG emissions from solid waste (calculated as 3.45 tons of CO2 per ton of waste generated)	39,999	40,310	40% less	75% less

2015 Project Status	Status
Evaluate City Waste Contract for provision of single stream recycling carts to all residential customers, frequency of waste collection service, and Pay As You Throw model.	Complete

2016 Projects	Projected Budget	Funding Source
Evaluate residential and commercial recycling incentive rewards programs	0	N/A
Evaluate requirement for commercial and multifamily recycling service	0	N/A
Promote Commercial, Multi-Family and Construction & Debris recycling case studies.	0	N/A
Promote composting case studies	0	N/A

The City of Winter Park Sustainability staff members have relayed recommended strategies and been involved in the development of the 2016 waste collection RFP from the beginning stages. A waste workshop was held with the Keep Winter Park Beautiful and Sustainable advisory board members and the priorities determined at these meetings included

- Free recycling carts for residential customers
- Implement PAYT pricing framework
- Terms that include the strategies and opportunity of moving to 1-1-1 pickup schedule (long term goal)
- Organics collection (long term goal)
- Free or low cost multifamily recycling infrastructure
- Recycling rebates that will be funneled into an account to be used for sustainability projects
- Reporting of all recycling and waste numbers, including contamination audits, for tracking and targeted educational purposes. Includes non-Wastepro recycling haulers.
- Minimum quarterly HHW waste collection events
- Implement residential recycling incentive program

Integration of these suggestions into the Waste Collection RFP will be instrumental in breaking through the 15% diversion rate and continuing progress toward the state of Florida 75% diversion rate goal that was set for 2020. KWPB and sustainability staff are also committed to continuing as the go to resource for commercial and residential recycling education

Where do Winter Park's recyclables go? Recyclable materials are taken to a materials recovery facility (MRF), where they are separated, baled, and prepared for market.

just three SMALL things

- 1 Put empty bottles, cans & paper in recycle bins.
- 2 Keep food & liquids out of recycling bins.

Recycling Education Buckslips mailed out to Winter Park residents in utility bills

make a HUGE difference

KWPB
MAKE PROGRESS

Household Hazardous Waste Collection events are a service provided by the City to residential customers on a biannual basis. The City of Winter Park, in partnership with Waste Pro® for household hazardous waste and A1 Assets, Inc., for e-waste. The following items are accepted: fertilizers & pesticides, antifreeze, propane tanks, paint thinners, wet latex paint (dry latex paint is not hazardous waste and can go in trash), oil based paint (can be wet or dry), non-alkaline batteries (regular alkaline batteries can go in trash), gasoline, used engine oil, pool chemicals, household chemicals, tires (maximum of four), used motor oil, and e-waste (computers, televisions, VCRs, DVD players, FAX machines, CD players & stereos). In 2015 a total of 5.10 tons of Electronics were diverted from the landfill through these efforts.

HHWD
household hazardous waste dropoff

Mobility & Urban Form

Category		Indicator	2012 Baseline	2015	2020 Target	2030 Target
Mobility & Urban Form	MUF1	Vehicle Miles Traveled	In development		10% less	20% less
	MUF2	Certified Green Neighborhood Development	0 certified	0	2	All redevelopments achieve green certification
	MUF3	Electric Charging Stations	6	6	Increase	Increase
	MUF4	Walk Score	55	45	70	80
	MUF5	Transit Score	In Development	In Development	-	-
	MUF6	Bike Score	In Development	In Development	-	-

2015 Project Status	Status
Increase bike storage downtown while reducing dependence on vehicle parking.	Complete
Evaluate Comprehensive Plan to identify for policies related to green building and green neighborhood development. Recommend revisions as deemed desirable.	Complete

2016 Projects	Projected Budget	Funding Source
Evaluate expanding bus service and consider Flex Bus for increasing service to Sunrail station.	0	N/A
Calculate Vehicle Miles Traveled (VMT) and GHG emissions as a result of VMT at select intersections		Public Works

A complete streets resolution was put into effect in 2007, and 2015 was a hallmark year in which the first project to undergo a Complete Streets evaluation was voted into action. Notable for 2015 is the fact that the City of Winter Park Walkscore has decreased 10 points since the 2012 baseline. This is expected to upswing again through efforts such as the Denning Drive Project, where walkability is factored into the redevelopment. The addition of electric charging stations was evaluated in 2015, but it was determined that based on available locations current facilities are sufficient. This will continue to be evaluated on an annual basis as location and cost considerations are assessed. The usage rates of the electric vehicle charging stations are monitored monthly, and have trended upward every year since installation adding weight to the idea that this is a well utilized amenity in the City of Winter Park.



Cady Way Cycle Track

KWPB was an early supporter of the development and installation of the Cady Way Cycle Track, donating \$10,000 to its construction. Cycle Tracks are protected bike lanes that separate bicyclists from motor traffic with a barricade such as concrete planters or plastic tubes. Cady Way Cycle Track was installed as a safe cycling option for those going to and from area amenities including Both Brookshire Elementary and Ward Park. The half-mile track runs along Cady Way, between Cady Way Trail and Perth Lane in the City of Winter Park. Since its installation in summer 2015, the cycle track has proven popular with recreational cyclists and running groups.

Coffee and Commuting is an annual event in December that is held at Winter Park City Hall. In collaboration with Florida Department of Transportation's Rethink Your Commute program (www.rethinkyourcommute.org) this networking and educational event provides commuters to the Park Avenue area with information regarding commuter options and also incentives, including a five dollar gift card for "trying out" an alternative commute for the day, including Sunrail, carpool, bicycle, and walking. 2015 saw the highest number of participants yet, with 23 individuals checking in and receiving their gift card. Staff representatives from Rethink, Healthy Central Florida, Lynx, Juice Bikes, and Sunrail were on hand to help commuters understand and explore their options. 2016 will see these options expand to include both Juice Bikes, a bike share company that is opening new rental stations in Orlando and Winter Park, as well as surrounding cities, as well as Zipcar car share, which already has vehicles on the Rollins College campus. Both are set to open at the Winter Park Sunrail station, creating a true multi-modal transportation hub.



December Coffee and Commuting event

Buildings, Energy and Water

Category		Indicator	2012 Baseline	2015	2020 Target	2030 Target
Buildings, Energy and Water	BEW1	Residential Energy Audits Performed Annually	152	79	150	150
	BEW2	Residential Rebates Administered Annually	95	43	100	100
	BEW3	Commercial Buildings Benchmarked	0	9	100	500
	BEW4	Percentage of WPEU energy portfolio from renewable and clean alternative sources	1.9%	FPL 44% natural gas OUC 18% natural gas GRU 19% Bio mass Covanta 19% waste to energy	40%	60%
	BEW5	Residential Potable Water average annual average	178.018 MG	165.392 MG	5% less	15% less
	BEW6	Community Wastewater (gallons)	0.968 MG	0.662 MG	5% less	15% less
	BEW7	Percentage of water from reclaimed sources	In Development	In Development	5% more	15% more
	BEW8	Percentage of buildings meeting City of Winter Park green building standards	1%	1%	25% new construction	50% new construction and major renovations

2015 Project Status	Status
Increase promotion of existing Energy & Water Conservation opportunities such as audits and rebates.	Complete
Publicize funding opportunities to help property owners finance green building projects, energy efficiency upgrades and renewable energy.	Complete

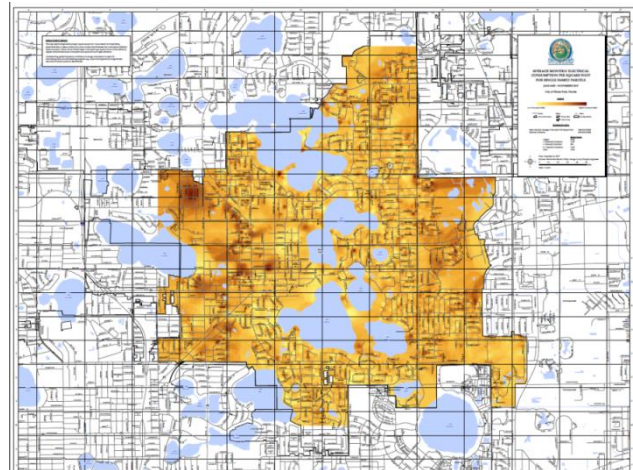
2016 Projects	Projected Budget	Funding Source
Increase promotion of existing Energy & Water Conservation opportunities such as audits and rebates.	0	N/A
Publicize funding opportunities to help property owners finance green building projects, energy efficiency upgrades and renewable energy.	0	N/A
Establish energy benchmarking and disclosure policy.	0	N/A
Provide Green Building Education to appropriate city staff, realtors, and private builders.	0	N/A
Create and maintain an electronic database of all building energy code compliance, green certifications and energy ratings within the City of Winter Park	0	N/A

Energy consumption reduction at the residential and municipal levels was a focus for 2015, and will continue to be so moving in to 2016. The City of Winter Park is now a semifinalist in the Georgetown University Energy Prize, a two year, national competition of 50 municipalities competing for a 5 million dollar prize purse. As the only city in Florida, and one of only a handful of cities in the southeast, we are focused on reducing gas and electricity use for these sectors as compared to a baseline measured from 2013 and 2014.

As a part of this effort, and in collaboration with the Orange Audubon Society, City staff replicated a proven Orange County homeowners energy efficiency program and with \$64,000 in grant funds provided by Toyota Together Green and retrofitted almost 40 homes, 5 churches, and one day care/nursery facility on the west side of Winter Park. Attic Insulation, duct repair, window film, and LED lighting are examples of upgrades that were completed by local contractors at no cost to the participants. As a part of this grant reporting process, staff will be calculating kwh savings as compared to participant baselines to determine if the 10% minimum savings have been achieved. These results will be available in 2017, and hope to inform future projects and assist with additional grant funding.

After expending all allocated funds for fiscal year 2015 by May, there was significant time that allowed for a thorough evaluation of the efficacy of the program. Along with utility staff and Utility Advisory Board members, including chair Katherine Johnson, staff and interns assessed the available rebates, rate of conversion from audit to rebate, and also interviewed residents regarding their perceptions of the program .

This effort was very informative and led to some significant changes. The Winter Park Electric Utility Conservation Rebate Program is now administered by sustainability staff, and saw a noteworthy restructuring to better utilize available funding. Two new audit firms have been brought on board with an expanded scope of services, and rebates are now being offered solely for insulation and duct repair,



Energy Mapping of the City of Winter Park – Single Family Homes which have been shown to be the highest return on investment (ROI) upgrades that can truly be incentivized through our program. Residents are encouraged to get an audit to qualify for the rebates, which have been doubled from previous years, and can then receive a list of other helpful items to pursue. Advertising will continue through bill inserts and city communication channels, with an addition of possible direct mailing to identified high users as we move into 2016. The energy map above shows intensity of kwh per square foot, which is a helpful indication of higher than average use. All rebates are issued as bill credits to reduce turnaround time and administration of paper rebate checks. The other notable change was that the commercial audit and rebate program has been put on indefinite hold and will be reevaluated if and when conservation funding is increased.

Natural Resources & Systems

Category		Indicator	2012 Baseline	2015	2020 Target	2030 Target
Natural Systems & Resources	NSR1	Tree Canopy Coverage	55%	53%	55%	60%
	NSR2	Greenspace Coverage	57%	58%	57%	60%
	NSR3	Greyspace	43%	42%	43%	40%
	NSR4	Lakes Water Quality- Visibility Depth	2 meters	2 meters	2.5	3 meters
	NSR5	Residents living within a half mile of public greenspace	95%	95%	95%	95%

2015 Project Status	Status
Continue aquatic plant management.	Complete

2016 Projects
Continue aquatic plant management.
Work towards establishing a Green Infrastructure Plan addressing stormwater with light impact development best management practices including Rain Gardens, Bio-Swales, Green Streets and Green Roofs that also serve as amenities.

This past year, the Lakes division completed several significant projects and maintenance events which will continue to improve water quality within the city lakes and waterways. The canal leading from Lee Road to Lake Killarney was dredged and excess sediment removed. This should improve navigation in this area, as well as remove debris that has washed in through outfalls from the adjacent parking lots. Approximately 125 cubic yards of material were removed and improved flow through the canal.

Beemats, or floating wetland islands, were installed on Lake Forest. Beemats contain several varieties of native aquatic plant species that grow hydroponically and remove nutrients from the water column. Although Lake Forest is a relatively small lake at only 3.8 acres, its drainage basin is rather large and encompasses an area that is ten times larger than the lake. These mats of floating vegetation will help remove nutrients that would otherwise be available in the water column and ultimately stimulate algal growth.



Regular and frequent inspections on stormwater retrofit structures are necessary in order to maintain proper function and debris collection. This year, 974 inspections were performed with 425 maintenance events that removed a total of 366.5 cubic yards of sediment, litter, grass clippings, sticks/branches, etc. from the stormwater systems and prevented their dispersal into the lakes. The small fences adjacent to outfall pipes in some lakes are designed to catch litter and debris that washes in from the surrounding neighborhood streets. A total of 318 inspections were performed on these outfall traps, and 317 cleanings resulted in the removal of 135 cubic yards of debris.



Greenspace coverage 58% up 1 % due to development reducing the % of available greenspace, and Tree Canopy Coverage is calculated to be down 2% due to high risk tree removals, which is a normal maintenance activity. The city's urban forest consists of over 75,000 trees on private and public property and there are over 25,000 trees in city rights of way. Urban forestry gave away over 1500 trees throughout the year for planting on private property encouraging species diversity. Urban forestry continues to

promote "Right Tree Right Place" concepts and community outreach and education. In addition, Urban forestry planted over 500 trees in right of ways, parks, and parkland in FY2015. The canopy coverage should increase quickly. Of note was the fact that fifty residents declined the planting of right of way trees adjacent to their home.

Urban forestry was awarded a 3rd consecutive Community and Urban forestry Grant from the Florida Forest Service to continue the urban forestry inventory.

Local Food & Agriculture

Category		Indicator	2012 Baseline	2015	2020 Target	2030 Target
Local Food & Agriculture	LFA1	% of Residents within 1/2 mile of local/healthful food assets (community gardens, urban farms, CSAs, Farmer's Markets, Grocery Stores and restaurants offering locally grown food)	<i>In Development</i>	<i>In Development</i>	50	100%
	LFA2	Local Food Consumption Baseline (meals at home)	21.8% (<i>Current metric for statewide consumption, city baseline in development</i>)	<i>In Development</i>	40%	60%

2015 Project Status	Status
Participate in regional Food Policy Council.	Complete

2016 Projects
Participate in regional Food Policy Council.
Create a map identifying additional city-owned locations for edible landscaping.
Continue Community Garden Projects

Through a grant with Healthy Central Florida, the City of Winter Park is working with two other local Farmers Markets to create the first organized SNAP acceptance program in Central Florida.



Gabby Lothrop of Audubon Park Farmers Market will be administering the program on behalf of all of the markets, replicating an evidence based approach that essentially replicates an ATM and minimizes coordination efforts from individual markets and opens the SNAP and EBT benefits to a wider customer base. Cities that have implemented this type program have seen significant increases in sales at farmers markets.

This comprehensive program will be marketed and branded identically at all three markets, and the currency, or “scrip” that users receive at the booth will be good for produce and other non-prepared goods. Matching funds and “double points” programs will also increase the affordability of local and organic options for lower income households that require assistance benefits.

Community gardens are alive and well in Winter Park. Rollins College EcoRollins students have an on campus garden that provides seasonal produce to the Alford Inn. Both the Community Center and Mead Gardens locations are at full capacity and report a bountiful harvest of flowers, herbs, and vegetables throughout the year. These plots allow those without a yard to grow plants for personal use, and also provide educational and social activities for youth, adults, and seniors in our community. Pictured, Cynthia Hassenau of Mead Gardens receives and on the spot recognition from an America In Bloom judge for her efforts at their location.



Through a resident generated request, the KWPB&S board reviewed a proposal to revisit the topic of backyard chickens in Winter Park. Several surrounding municipalities, including Orlando and Maitland, currently offer the ability for residents to keep up three hens as pets as a source for fresh eggs. The board unanimously voted to draft a proposal and bring it forth for review to the City Commission in early 2016. This proposed pilot of 50 participants was drafted to reflect the local Winter Park existing ordinances and setback regulations, and would be handled through the Building and Permitting Department. All pilot participants would also be required to take and pass an urban chicken care class through the agricultural extension office.

Local Government Operations

Category		Indicator	2012 Baseline	2015	2020 Target	2030 Target
Local Government Operations	LGO1	Local Government GHG Emissions	11,473 metric tons	Not measured at this interval	20% less	50% less
	LGO2	Energy usage	12,153,788 kWh	11,162,219 kWh	10% less	25% less
	LGO3	Renewable Energy Production	1.6%	1.6%	6.6%	11.6%
	LGO4	City Fleet Fuel Usage	151,971 gallons of gasoline/ 82,196 gallons of diesel	In Development	25% less	50% less
	LGO5	Potable Water Usage	49.543 MG	30.852 MG	25% less	50% less
	LGO6	City Employees using transit, carpooling, cycling or walking to work	In Development	23	Increase	Increase

2015 Project Status	Status
Continue monitoring city buildings' energy and water usage through ENERGY STAR Portfolio Manager.	Complete

2016 Projects
Continue monitoring city buildings' energy and water usage through ENERGY STAR Portfolio Manager.
Explore establishing a Revolving Energy Efficiency Loan Fund for city owned buildings and infrastructure.
Conduct energy audits for all city owned facilities

A group of marketing students from Crummer School of Business did a deep dive survey and report on the integration of sustainability into our employee culture. 213 employees were surveyed on their knowledge and implementation of the Sustainability Action Plan as it pertains to their job description. 213 employees completed the survey, and the resulting recommendations included focusing on increasing awareness, through email and also a bi-monthly newsletter. An environment that encourages sustainable practices can be achieved through proposition of clear and measurable goals, implemented with a team based reward system.

Based upon this analysis, 2016 will see the formation of an employee driven Green Team , which will be a voluntary subcommittee of the Employee Committee, led by sustainability staff but holding representatives from a variety of city positions. It is the initial goal of the green team to use the day-to-day operational knowledge of these staff members to create a list of short, medium, and longer term goals for projects that will have a monetary benefit to the city, with a primary focus on energy, water, and waste reduction. 2015 energy consumption was approximately 8.15% below the 2012 baseline, which is significant progress toward the 10% reduction goal set for 2020. The largest municipal energy consuming building in the City of Winter Park portfolio is the Water Treatment facility, which is outside of city limits and billed by Duke Power. Sustainability staff continues to research possible alternatives to help save city dollars, including energy audits and also possible on-site renewable energy installations to offset the kWh consumption.

Tying in to the Visioning process and upcoming review of the Comprehensive plan, a systematic review by CRA, planning, and sustainability staff was performed and the Sustainability Action Plan was compared to the existing Comp Plan. It was determined by this review process that both plans are complimentary with no direct conflicts and many areas of correlation. One area of note was a lack of reference to the subject of Local Food or urban agriculture in the Comprehensive Plan. It was the suggestion of the review team that a section be added to the Plan upon revision, which falls in line with the findings of other local municipal governments that are currently undergoing similar exercises. Orlando and Orange County are also planning to add language to further define stances on Local Food and urban agriculture in the coming year.

Public Works and the Electric Utility continue with discussions regarding conversion of more street lighting to LED fixtures, which will save money not just in reduced electricity usage, but also resulting from decreased manual labor costs due to less frequent maintenance of LED fixtures.



Winter Park LED traffic Signals

RECOMMENDATIONS AND CONCLUSIONS

Looking forward to 2016, KWPB sponsorship and project funding will be a priority goal as the majority of our success is dependent upon financial support. While we do source a significant amount of funds from grants, fundraising, and sponsorships, securing annual, steady resources from the City will help to stabilize our program. Earth Day, Keep Winter Park Beautiful, and Winter Park Blooms will continue to be the main avenues for the Sustainability Program to provide consistent communication and branding in the community with regards to beautification and natural resource preservation.

Marketing and community outreach are fundamental to the continued success of the Sustainability program, and will be implemented from both a resident and employee perspective. Earth Day is the main outreach event, celebrating Winter Park and all of the integrated departments that have a hand in making Winter Park the best place in Florida to live, work, and play. Resident awareness will be conducted through communication mainstays such as social media, bill inserts, and the city newsletter, along with occasional Press releases and positive media coverage. Employee awareness through green team projects will focus upon implementation of short term, high Return on investment projects from a grassroots committee, hopefully building the concept of sustainability further into the employee culture. It is our intention to begin a small quarterly sustainability update to staff in the employee e-news.

With the launch of the new waste contract expected in October of 2016, recycling education will be the primary responsibility of our department and will require staff and monetary resources, along with targeted awareness campaigns and communication of any new structure that may be determined by the final contract.

The Sustainability program will continue participation in the Georgetown University Energy Prize, with administration of the utility Conservation Program funds. Energy consumption reduction will be garnered from direct marketing of the audit and rebate program, and by the green team on the municipal side as mentioned previously.

Solar energy and the expansion of solar photovoltaic systems and offerings within the city and that are available for purchase by the city will continue to be explored as a priority for supplying Winter Park's electricity needs.

As a commitment to the businesses with the city, and in partnership with the City of Orlando and Orange County, we will strive for maximum local Winter Park participation in the Central Florida Workplace Challenge, incentivizing local businesses to be more green, healthy, and involved. The challenge is fun, it is free, and will help participants save money and reduce their environmental impact while creating healthier workplaces and enhancing our community through volunteer service.

A copy of the budget report and proposed FY2016-2017 are attached as an appendix.