

Keep Winter Park Beautiful & Sustainable Advisory Board



September 8, 2016 at 9:30 a.m.

Chapman Room • City Hall
401 Park Ave S. • Winter Park, Florida

WORK SESSION

NO PUBLIC INPUT WILL BE TAKEN AT THIS MEETING.

1. Review Sustainability Action Plan and Comprehensive Plan Analysis Matrix

September 8, 2016 at 9:30 a.m.

**City Hall Building, 401 South Park Avenue.
Chapman Room 200– 2nd floor**

The Keep Winter Park Beautiful and Sustainable Advisory Board will conduct a special work session to review the City of Winter Park Comprehensive Plan elements pertaining to the Sustainability Action Plan.

The meeting is scheduled for 2 hours.

appeals & assistance

"If a person decides to appeal any decision made by the Commission with respect to any matter considered at such meeting or hearing, he/she will need a record of the proceedings, and that, for such purpose, he/she may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based." (F. S. 286.0105).

"Persons with disabilities needing assistance to participate in any of these proceedings should contact the City Clerk's Office (407-599-3277) at least 48 hours in advance of the meeting."

Comprehensive Plan and Sustainability Action Plan Compatibility Study

Chapter 1 – Future Land Use Element

The goals, objectives, and policies within the Future Land Use (FLU) Element of the Comprehensive Plan are generally consistent with, and support the objectives, projects, programs and policies of the Sustainability Action Plan (SAP). The main goal of the FLU Element is to “Maintain [the] Individual Identity, Character, Natural Environment, and Socio-Economic and Ethnic Diversity [of the City]”. The SAP is divided into seven categories that correlate with this goal: Community Engagement and Green Economy, Waste Diversion and Recycling, Mobility and Urban Form, Buildings, Energy and Water, Natural Resources and Systems, Local Food and Agriculture, and Local Government Operations.

The FLU Element is designed to promote the preservation of open spaces, parks and recreation. More specifically, this element encourages Park Overlay Zones to deter the negative impacts of adjacent developments to non-preserved areas. The natural environment is important to the City’s character, and the FLU aims at preserving the natural environment. Similarly, the SAP is designed to meet these same objectives. It promotes the increase of overall green space while decreasing grey space (impermeable space). Maintaining and ultimately growing the percentage of residents living within a half-mile from public green space is also centered within the SAP. There is only one inconsistency, which relates to local food and agriculture. The SAP has an entire category that promotes local food and agriculture. The FLU Element does not contradict this topic; however, it does not mention it either.

Policies throughout the FLU Element discuss tree preservation and smart landscaping. It promotes open space and landscape buffers between residential and non-residential uses (including parking lots). Policies are also in place so that trees are preserved and/or relocated during development, and not unnecessarily removed. The SAP’s objectives are aimed at maintaining and expanding the urban tree canopy.

Based on the City’s relatively low water table, lakes, wetlands and storm water runoff are abundant. The FLU Element is designed to preserve our wetlands, protect our lakes and waterfront lots, and require storm water retention/detention areas. Development within flood prone areas is also not recommended to minimize the public and private loss from flood damage. An objective is in place so that the City shall not issue a development order permit unless the applicant has demonstrated that the proposed land uses are designed with appropriate consideration for the natural environment. Increasing the water quality within the City’s lakes is discussed through projects, programs and policies in the SAP.

Preventing the proliferation of urban sprawl is also a forefront in the FLU Element. The City is virtually built-out, and design standards are set forth within the Comprehensive Plan to foster the best management principles and practices of urban design. Furthermore, the FLU Element is aimed at maintaining a pedestrian scale in appropriate areas throughout the City. The SAP is also designed to discourage urban sprawl, but is more directly focused on green building practices and promoting alternative transportation methods. An object in the SAP is in place that is targeted to create walkable and bike-able neighborhoods where Winter Park residents can easily walk, bike or access transit to meet daily needs. Increasing Green Neighborhood Developments, and incentivizing new buildings and major renovations to meet green building standards are goals of the SAP.

Ultimately, the FLU Element of the Comprehensive Plan and the SAP strive to meet the same goal; their language is consistent. The only exception is the discussion of local food and agriculture, which is missing in the FLU Element. An objective promoting this topic should be included to promote preserving and/or creating local agricultural when possible.

Chapter 2 – Transportation

The Transportation Element is generally consistent with the objectives of the SAP. Overall, both address the issues of walkability within the greater context of a traffic-oriented environment.

Trees are also a large issue in the transportation element. However, the City’s purpose is more clearly defined than in the SAP plan including funding a street tree program, and requiring landscaping in all transportation infrastructure enhancement projects. Whereas, the SAP plan simply provides in Objective 1 to maintain and expand the urban tree canopy.

Chapter 3 – Housing

The Housing Element spans a far greater premise than the focus of the SAP. Only Policy 3-1.3 10 directly impacts any language located in the SAP. This policy speaks generally to the City developing criteria that ensures housing with public subsidies be cost efficient. More specifically, that the green housing policies be used to provide lower utility costs, conserve energy, water and other resources. The objectives and policies located in the SAP look to be that criteria in SAP Objectives 1-7.

Chapter 4 – Public Facilities

In the section focusing on Public Facilities, the City of Winter Park Comprehensive Plan speaks directly to goals and objectives in the SAP with regards to solid waste and recycling, potable water conservation strategies, surface and groundwater quality, and community education and outreach concerning communicating recycling and water conservation topics to Winter Park residents. The SAP provides policies as suggestions for possible strategies for reaching the Comprehensive Plan Objectives and broader based policies in these areas of concern. The water conservation and groundwater protection policy suggestion, found within the Buildings, Energy, and Water section of the SAP, includes verbiage incentivizing residential and commercial gray water and rain water reuse for this purpose. Within the Local Government Operations section of the SAP the policy suggestion to Shift from potable to non-potable water resources for parks irrigation while increasing efficiency directly supports Comprehensive Plan Objective 4-5.2 Potable Water Conservation and Protection of Groundwater Supplies.

Chapter 5 – Conservation

Conservation is the very basis of the SAP. There were not any contradictory statements or policies between the Comprehensive Plan and the SAP identified during this review process. It is suggested that any updates or changes to the Conservation section of the Comprehensive Plan be considered carefully, with sustainability as a factor in the decision making process, and in collaboration with City staff members in all pertinent and relevant departments.

Chapter 6 – Recreation and Open Space

The City of Winter Park holds a longstanding commitment to accessible public park land for its residents. The SAP does not specifically call out additional policies in this regard. Rather, the existing policies set forth in the Comprehensive Plan are echoed in the Natural Systems and Resources section, where objectives include increase overall green space, maintaining the current percentage of residents living within a half mile from public green space, which is an admirable 95%, and reducing grey space to including paved parking lots, streets, and other impermeable surfaces.

Chapter 7 – Capital Improvements

There were not any contradictory statements or policies between the Comprehensive Plan and the SAP identified during this review process. It is suggested that any updates or changes to the Capital Improvements section of the Comprehensive Plan be considered carefully, with sustainability as a factor in the decision making process, and in collaboration with City staff members in all pertinent and relevant departments.

Chapter 8 – Intergovernmental Coordination

With regards to Multijurisdictional Environmental Issues, the Comprehensive Plan seeks to continue coordination with programs administered by FDEP, SJRWMD, and other environmental agencies to eliminate duplication of services, augment protection of natural resources, and promote efficient administration and enforcement of government services and resources. Special attention is called out to continue best management practices and operation requirements for the City's wastewater treatment and collection system as well as its potable water treatment and delivery system. This resonates well with the SAP's stated goals in the areas of Community Engagement and Green Economy; Waste Diversion and Recycling; Mobility and Urban Form; Buildings, Energy and Water; Natural Systems and Resources; and Local Government Operations.

Suggestions for Incorporation into the Comprehensive Plan

As appropriate, the following SAP subheadings would be beneficial to address in the Comprehensive Plan:

Local Food and Agriculture

A sustainable local food system is typically characterized by a comprehensive set of factors and activities that minimize environmental impact, support local economies, increase access, and promote public health and nutrition. This approach, sometimes described as “farm-to-table,” tends to emphasize direct relationships between producers and consumers, and can often result in indirect benefits such as reduced crime rates and a greater sense of place and community.

The objectives and actions have been identified as context sensitive approaches the City of Winter Park and greater community can implement to help facilitate a healthy, local and sustainable food system in our city and Central Florida region.

COMPREHENSIVE PLAN		SUSTAINABILITY ACTION PLAN	
Future Land Use Element	SAP Category	Objective	Policy
Goal/Objective/Policy	Goal 1-1	MUF	Objective 1 and 3
	Maintain Individual Identity, Character, Natural Environment, and Socio-Economic and Ethnic Diversity. (e) avoidance of environmental degradation, hazards and nuisances. Although Winter Park lies within a rapidly urbanizing metropolitan area, the City will maintain its individual identity and character by allowing new growth and redevelopment (iv) protect the City's natural resources and environmental assets		1. Create walkable and bike-able neighborhoods where Winter Park residents can easily walk or bicycle to meet basic daily needs and have safe pedestrian and bicycle access to transit. 3. Increase certified Green Neighborhood Developments.
			Survey and publicize workforce housing located within a quarter mile from major employers. Incentivize LEED for Neighborhood Development standards for areas with potential for neighborhood scale redevelopment that ensure human scale, mixed use development and complete neighborhoods.
Goal/Objective/Policy	Objective 1-1.1	BEW	Objective 1, 4, 5, and 7
	Ensure the protection of natural resources, the natural environment and designated historically significant resources, structures and properties		1. Reduce community wide greenhouse gas emissions from building energy consumption. 4. Increase energy produced and sourced from renewables and clean alternative energy. 5. Increase number of municipal and commercial buildings benchmarked for electricity and water consumption. 7. Incentivize and encourage new buildings and major renovations to meet green building standards.
			Develop measures to discourage building destruction and encourage building design for long term use. Establish energy benchmarking and disclosure policy. Explore opportunities for new buildings and major remodels achieve green building standards through updated building codes with minimum HERS rating for residential and ENERGY STAR for non-residential. Recognize net zero energy/ carbon neutral new buildings and homes
Goal/Objective/Policy	Objective 1-2.6	NSR	Objectives 1, 2, 3, and 4
	Open Space, Recreation and Conservation Future Land Use Designations. The FLUM series shall identify lands that are environmentally important necessitating for long-term preservation by designating them as "CON." Environmentally fragile lands shall be referred to as conservation resources, which are defined in Rule 9J-5.003(30), Florida Administrative Code.		1. Maintain and expand the urban tree canopy. 2. Increase overall green space. 3. Maintain percentage of residents living within a half mile from public green space. 4. Reduce grey space (including paved parking lot, street, sidewalk, rooftop, impermeable).
			N/A
Goal/Objective/Policy	Policy 1-3.1.3	NSR	Objectives 1, 2, 3, and 4
	Open Space, Landscape and Other Buffers. Require that appropriate open space, landscaping, and buffers, including but not limited to canopy trees, specimen trees, and shrubs, be preserved, protected and maintained between residential uses and nonresidential uses including parking lots.		1. Maintain and expand the urban tree canopy. 2. Increase overall green space. 3. Maintain percentage of residents living within a half mile from public green space. 4. Reduce grey space (including paved parking lot, street, sidewalk, rooftop, impermeable).
			N/A
Goal/Objective/Policy	Policy 1-3.1.3	NSR	Objective 1
	New Development on Adjacent Properties and Tree Preservation. Ensure permits are not granted for any conditional uses that have buildings located proximate to property lines such that visually impact adjacent properties or necessitate the removal of trees shared by both properties.		1. Maintain and expand the urban tree canopy.
			N/A
Goal/Objective/Policy	Policy 1-3.1.3	NSR	Objectives 2, 3, and 4
	Preserve Functions of Natural Environment and Avoid Encroachments by Development. Ensure that no structures or uses are permitted in or adjacent to the wetland conservation areas that will affect, impact or intrude on the natural environmental functions of these areas as safe and secure habitat for wildlife and vegetation or will negatively impact the filtration of aquifer recharge.		2. Increase overall green space. 3. Maintain percentage of residents living within a half mile from public green space. 4. Reduce grey space (including paved parking lot, street, sidewalk, rooftop, impermeable).
			N/A
Goal/Objective/Policy	Policy 1-3.4.3	NSR	Objectives 2, 3, and 4
	Evaluate Creating a Park Overlay Zone. The City shall protect parkland, recreation facilities, and conservation areas from the negative impacts of adjacent development.		2. Increase overall green space. 3. Maintain percentage of residents living within a half mile from public green space. 4. Reduce grey space (including paved parking lot, street, sidewalk, rooftop, impermeable).
			N/A
Goal/Objective/Policy	Policy 1-3.7.3	NSR	Objective 5
			Policy

	Limitations of Development of Waterfront Lots. The City shall require that the Planning and Zoning Commission review and approve plans for construction on waterfront properties due to the environmental sensitivity of such properties, including surface water management, water quality control, public safety and reduction of boating hazards, preservation of waterfront views, sensitivity of scale and design of house to slope of site and surrounding properties, suitability of soils for development and impacts of development on soil conditions and topography, elevation of water bottom, impact of development on aquatic habitat, and retention of natural shoreline appearance and vegetative cover including tree coverage.		5. Increase lakes water quality.	N/A
Goal/Objective/Policy	<i>Objective 1-3.9</i>	NSR	Objective 5	Policy
	Protect Natural Resources and Flood Prone Areas From Adverse Impacts of Development. The City shall protect flood prone areas, protect the safety of the citizens, and minimize public and private loss from flood damage. The City shall continue to carry out a development review process that ensures that development and conservation activities shall protect resources.		5. Increase lakes water quality.	N/A
Goal/Objective/Policy	<i>Objective 1-3.10</i>	NSR	Objective 5	Policy
	Soil and Topographic Conditions/Natural Environment. The City shall not issue a development order or permit unless the applicant for development has demonstrated that the proposed land uses, including, but not limited to, density, intensity, design, and other characteristics of the development, are designed with appropriate consideration for soil and topographic conditions and the natural environment, including Comprehensive Plan objectives and Policies in Chapter 5: Conservation Element.		5. Increase lakes water quality.	N/A
Goal/Objective/Policy	<i>Objective 1-3.11</i>	NSR	Objective 1	Policy
	Protect the City's Tree Resources. The City shall continue to protect its trees, including the bountiful oak tree canopy that provide a character distinguishing Winter Park from the majority of Florida's other municipalities.		1. Maintain and expand the urban tree canopy.	N/A
Goal/Objective/Policy	<i>Objective 1-3.16</i>	MUF	<i>Objective 1 and 3</i>	<i>Policies</i>
	Prevent Proliferation of Urban Sprawl. The City of Winter Park is virtually built out. The City has no urban sprawl and its design standards shall continue to foster the best management principles and practices of urban design which are the antithesis of urban sprawl.		1. Create walkable and bike-able neighborhoods where Winter Park residents can easily walk or bicycle to meet basic daily needs and have safe pedestrian and bicycle access to transit. 3. Increase certified Green Neighborhood Developments.	Survey and publicize workforce housing located within a quarter mile from major employers. Incentive LEED for Neighborhood Development standards for areas with potential for neighborhood scale redevelopment that ensure human scale, mixed use development and complete neighborhoods.
Goal/Objective/Policy	<i>Policy 1-4.1.A.2</i>	NSR	Objectives 2, 3, and 4	Policy
	Preserve Public Park and Recreational Land Uses while Expanding Wetlands Acquisition. The City shall preserve the public park and recreational land uses in this planning area and shall ensure any off-site impacts from these uses are minimized. The City shall strive to expand ownership of the 22 acres of wetlands on the north area of this planning area near Howell Creek and south of Lake Waumpi.		2. Increase overall green space. 3. Maintain percentage of residents living within a half mile from public green space. 4. Reduce grey space (including paved parking lot, street, sidewalk, rooftop, impermeable).	N/A
Goal/Objective/Policy	<i>Policy 1-4.1.A.6</i>	NSR	Objectives 2, 3, and 4	Policy
	Continue to Acquire, Preserve and Expand Recreational Trails and Greenway, Especially along Water Frontage. The City shall strive to preserve and expand the number and extent of recreational trails and greenways in this portion of the City to provide public access and enjoyment especially of the stream and waterfront environments along the City's Howell Creek properties.		2. Increase overall green space. 3. Maintain percentage of residents living within a half mile from public green space. 4. Reduce grey space (including paved parking lot, street, sidewalk, rooftop, impermeable).	N/A
Goal/Objective/Policy	<i>Policy 1-4.1.B.2</i>	NSR	Objectives 2, 3, and 4	Policy

	Retaining Natural Features and Open Space. Preserve the natural characteristics of the Genius Preserve property by requiring at least fifteen (15%) of the total land area be devoted to public or private park and open space exclusive of land included within lots or roads and the preservation of the natural features of the site. The City shall strive to acquire locations that have a connection to Winter Park history.		2. Increase overall green space. 3. Maintain percentage of residents living within a half mile from public green space. 4. Reduce grey space (including paved parking lot, street, sidewalk, rooftop, impermeable).	N/A
Goal/Objective/Policy	<i>Policy 1-4.1.B.8</i>	NSR	Objective 5	Policy
	Location of Storm Water Retention Facilities to Avoid Significant Environmentally Sensitive Areas. The creation of required storm water retention facilities shall not be located in areas of significant environmental importance.		5. Increase lakes water quality.	N/A
Goal/Objective/Policy	<i>Policy 1-4.1.D.5</i>	NSR	Objective 5	Policy
	Monitor biological and environmental conditions at Fleet Peeples Park. The City shall annually monitor and assess the biological and environmental condition of Fleet Peeples Park adjacent to Lake Baldwin due to the “dog park” element and shall manage its future based on those findings.		5. Increase lakes water quality.	N/A
Goal/Objective/Policy	<i>Policy 1-4.1.E.2</i>	NSR	Objective 5	Policy
	Protect Wetlands. The City shall continue to implement and enforce regulations protecting the wetlands areas in this study area from development.		5. Increase lakes water quality.	N/A
Goal/Objective/Policy	<i>Policy 1-4.1.F.2</i>	NSR	Objective 3	Policy
	Preserve Recreational Use of Lake Midget Park and Harper Shepherd Field. The City shall preserve the recreational land use of Lake Midget Park and Harper Shepherd Field.		3. Maintain percentage of residents living within a half mile from public green space.	N/A
Goal/Objective/Policy	<i>Policy 1-4.1.F.4</i>	NSR	Objective 3	Policy
	Support Restoration of Mead Botanical Garden. The City shall encourage the restoration of Mead Botanical Garden.		3. Maintain percentage of residents living within a half mile from public green space.	N/A
Goal/Objective/Policy	<i>Policy 1-4.1.F.7</i>	NSR	Objective 5	Policy
	Implement Wetlands Protection. The City shall continue to implement and enforce regulations protecting the wetlands from development.		5. Increase lakes water quality.	N/A
Goal/Objective/Policy	<i>Policy 1-4.1.F.16</i>	NSR	Objective 5	Policy
	Protect Wetlands. The City shall continue to implement and enforce regulations protecting the wetlands areas from development.		5. Increase lakes water quality.	N/A
Goal/Objective/Policy	<i>Policy 1-4.1.G.19</i>	MUF	<i>Objective 1</i>	Policy
	Maintain Pedestrian Scale Gateway to Park Avenue. To insure compatibility of future developments with the predominate one and two story pedestrian scale of the historic Park Avenue Corridor, buildings greater than two stories shall be prohibited on properties abutting Fairbanks between New York Avenue on the west and Interlachen Avenue on the east. These properties are deemed in-appropriate for three stories due to the potential scale of the developments and their adverse impact on the gateway to historic Park Avenue.		1. Create walkable and bike-able neighborhoods where Winter Park residents can easily walk or bicycle to meet basic daily needs and have safe pedestrian and bicycle access to transit.	N/A
Goal/Objective/Policy	<i>Policy 1-4.1.J.8</i>	NSR	Objective 1	Policy
	Preserve Lake Island Estates Park Recreational Land Use. The City shall preserve the recreational land use of Lake Island Estates Park.		3. Maintain percentage of residents living within a half mile from public green space.	N/A
Goal/Objective/Policy	<i>Policy 1-4.1.K.3</i>	NSR	Objective 1	Policy
	Require New Development to Minimize Adverse Impacts on Lake Bell. The City shall strive to minimize the adverse impacts of development on Lake Bell by regulating the intensity of development, storm water runoff, and enforcing setbacks.		5. Increase lakes water quality.	N/A
Transportation				
Goal/Objective/Policy	<i>Goal 2-1</i>	MUF	Objectives 1-3	Policy

	Transportation Goals, Objectives, and Implementing Policies. This section stipulates goals, objectives, and implementing policies for the Transportation Element pursuant to 9J-5, FAC. The purpose of this element is to provide guidance for appropriate plans and policies needed to insure a walkable, pedestrian and bicycle-friendly, treed, relaxed, beautiful, safe, urban village that promotes neighborliness and courtesy among citizens and visitors.		<ol style="list-style-type: none"> 1. Create walkable and bike-able neighborhoods where Winter Park residents can easily walk or bicycle to meet basic daily needs and have safe pedestrian and bicycle access to transit. 2. Reduce daily vehicle miles traveled at 20 predetermined intersections. 3. Increase certified Green Neighborhood Developments. 	Incentivize LEED for Neighborhood Development standards for areas with potential for neighborhood scale redevelopment that ensure human scale, mixed use development and complete neighborhoods.
Goal/Objective/Policy	<i>Policy 2-1.5</i>	MUF	Objective 1	Policy
	Pedestrian and Bicycle Advisory Board. The City Council shall continue the function of the Pedestrian and Bicycle Advisory Board to review and improve the pedestrian and bicycle circulation system, and pursue and direct funding for improvements. Appointments the Board shall be comprised of Winter Park residents made by City Council. Board Advisors shall include representatives from Planning and Community Development, Public Works, Public Safety, and Parks and Recreation.		<ol style="list-style-type: none"> 1. Create walkable and bike-able neighborhoods where Winter Park residents can easily walk or bicycle to meet basic daily needs and have safe pedestrian and bicycle access to transit. 	N/A
Goal/Objective/Policy	<i>Policy 2-1.10</i>	MUF	Objectives 1-3	Policy
	Provide a Bicycle Circulation System. The City, in partnership with Orange and Seminole Counties, MetroPlan Orlando, and other local and state agencies, will continue to plan, fund and construct a network of bicycle facilities as depicted in the Winter Park Bicycle Circulation Plan, to increase the non-motorized transportation system.		<ol style="list-style-type: none"> 1. Create walkable and bike-able neighborhoods where Winter Park residents can easily walk or bicycle to meet basic daily needs and have safe pedestrian and bicycle access to transit. 2. Reduce daily vehicle miles traveled at 20 predetermined intersections. 3. Increase certified Green Neighborhood Developments. 	Incentivize LEED for Neighborhood Development standards for areas with potential for neighborhood scale redevelopment that ensure human scale, mixed use development and complete neighborhoods.
Goal/Objective/Policy	<i>Policy 2-1.11</i>	NSR	Objective 1	Policy
	Preserve and Enhance Existing Tree Canopy. Street trees should be an integral part of every street. The City will include landscaping in all transportation infrastructure enhancement projects, including pedestrianways, bicycle trails, multiuse trails, traffic calming, parking facility and roadway infrastructure investments. To preserve existing canopy trees, the City shall evaluate the impacts of all infrastructure investments within the roadway and pedestrian-way right-of-way on the existing tree canopy. Wherever possible, impacts to the existing tree canopy shall be avoided. Where trees are impacted, the City shall ensure that there is mitigation for the impacts.		<ol style="list-style-type: none"> 1. Maintain and expand the urban tree canopy. 	N/A
Goal/Objective/Policy	<i>Policy 2-1.15</i>	NSR	Objective 1	Policy
	Street Tree Program. The City will continuously fund its Street Tree Program. The City shall revise current procedures in the Street Tree Program on Arterial, Collector and Local roadways		<ol style="list-style-type: none"> 1. Maintain and expand the urban tree canopy. 	N/A
Goal/Objective/Policy	<i>Policy 2-1.16</i>	NSR	Objective 1	Policy
	Preserve and Enhance Existing Tree Canopy. Street trees should be an integral part of every street. The City will include landscaping and new trees in all transportation infrastructure enhancement projects. To preserve existing canopy trees, the City shall evaluate the impacts of all infrastructure investments within the roadway and pedestrian-way right-of-way on the existing tree canopy. Wherever possible, impacts to the existing tree canopy shall be avoided. Where trees are impacted, the City shall ensure there is mitigation for the impacts.		<ol style="list-style-type: none"> 1. Maintain and expand the urban tree canopy. 	N/A
Housing				
Goal/Objective/Policy	<i>Policy 3-1.3.10</i>	BEW	Objectives 1-7	Policies

<p>Implement of Green Building Practices and Programs. The City shall develop criteria that ensures that housing developed with public subsidies be cost effective to build, durable and practical to maintain. The green building practices criteria should ensure that housing developed with public subsidies results in high-quality, healthy living environments, lower utility costs, enhanced connections to nature, protection of the environment by the conservation of energy, water, materials and other resources, and the advancement of the health of local and regional ecosystems.</p>		<ol style="list-style-type: none"> 1. Reduce community wide greenhouse gas emissions from building energy consumption. 2. Increase residential, commercial, and municipal building renewable energy 3. Increase number of residential energy audits and number of residential energy efficiency upgrade rebates. 4. Increase energy produced and sourced from renewables and clean alternative energy. 5. Increase number of municipal and commercial buildings benchmarked for electricity and water consumption. 6. Reduce per capita average annual potable water usage for the residential sector. 7. Incentivize and encourage new buildings and major renovations to meet green building standards 	<p>Establish energy benchmarking and disclosure policy.</p> <p>Explore opportunities for new buildings and major remodels achieve green building standards through updated building codes with minimum HERS rating for residential and ENERGY STAR for non-residential.</p> <p>Develop measures to discourage building destruction and encourage building design for long term use.</p> <p>Recognize net zero energy/ carbon neutral new buildings and homes</p> <p>Develop policy and rebate addressing and incentivizing residential and commercial gray water & rain water reuse</p> <p>Update Green Building Resolution to reflect minimum energy efficiency standards and percentage of energy derived from on-site renewables for city owned buildings.</p>
<p>Public Facilities</p>	<p>LGO</p>		
<p><i>Goal/Objective/Policy</i></p>	<p><i>Goal 4-3</i></p>	<p><i>Objective 3</i></p>	<p><i>Policy</i></p>
<p>Solid Waste Services. An Environmentally safe, efficient and cost effective system for the collection, transfer and disposal of solid waste</p>	<p>WDR</p>	<p>Reduce the greenhouse gas impacts of the solid waste collection.</p>	<p>N/A</p>
<p><i>Goal/Objective/Policy</i></p>	<p><i>Policy 4-3.1.7</i></p>	<p><i>Objectives 1 and 2</i></p>	<p><i>Policy</i></p>
<p>Public Awareness Program. Continue a public awareness program jointly developed by the City and Waste Management to inform and educate residents of the environmental and cost benefits associated with recycling</p>	<p>CEGE</p>	<ol style="list-style-type: none"> 1. Communicate, educate and motivate the City, residents, students, businesses and organizations to change their behavior in ways that support the objectives of the Sustainability Action Plan. 2. Reduce city wide carbon footprint from electric, transportation and solid waste. 	<p>N/A</p>
<p><i>Goal/Objective/Policy</i></p>	<p><i>Policy 4-3.1.8</i></p>	<p><i>Objectives 1 and 2</i></p>	<p><i>Policy</i></p>
<p>Implement Recycling Programs. Continue to provide actions necessary for implementation of the interlocal agreement for county-wide recycling and disposal requirements</p>	<p>WDR</p>	<ol style="list-style-type: none"> 1. Reduce total solid waste generated. 2. Divert solid waste generated away from landfill. 	<p>N/A</p>
<p><i>Goal/Objective/Policy</i></p>	<p><i>Policy 4-3.1.10</i></p>	<p><i>Objectives 1 and 2</i></p>	<p><i>Policy</i></p>
<p>Coordination with County Landfill Capacity. The City shall annually coordinate with Seminole County and Orange County regarding status of existing and future landfill capacity. Prior to entering into a service agreement with a waste collection provider, the City shall require the service provider to demonstrate that landfill sites are available and accessible to the provider for the duration of the service agreement.</p>	<p>WDR</p>	<ol style="list-style-type: none"> 1. Reduce total solid waste generated. 2. Divert solid waste generated away from landfill. 	<p>N/A</p>
<p><i>Goal/Objective/Policy</i></p>	<p><i>Policy 4-3.1.11</i></p>	<p><i>Objective 1</i></p>	<p><i>Policy</i></p>
<p>Hazardous Waste Collection and Disposal. The City shall continue to support Orange County's hazardous waste collection and disposal program by informing and educating citizens and businesses regarding proper disposal needs as well as the location of County hazardous waste disposal sites.</p>	<p>CEGE</p>	<ol style="list-style-type: none"> 1. Communicate, educate and motivate the City, residents, students, businesses and organizations to change their behavior in ways that support the objectives of the Sustainability Action Plan. 	<p>N/A</p>
<p><i>Goal/Objective/Policy</i></p>	<p><i>Objective 4-5.2</i></p>	<p><i>Objective 4</i></p>	<p><i>Policy</i></p>
<p>Potable Water Conservation and Protection of Groundwater Supplies. Conserve potable water supply to encourage reduction in water demand; to prevent and reduce wasteful, uneconomical, impractical, or unreasonable use of water resources; and to preserve natural groundwater aquifer supplies for existing and future population by continuing distribution of reclaimed water as a source for non-potable water and by promoting water conservation programs.</p>	<p>LGO</p>	<ol style="list-style-type: none"> 4. Reduce Local Government's potable water usage. 	<p>Shift from potable to non-potable water resources for parks irrigation while increasing efficiency.</p>
<p><i>Goal/Objective/Policy</i></p>	<p>BEW</p>	<p><i>Objective 6</i></p>	<p><i>Policy</i></p>
<p></p>		<ol style="list-style-type: none"> 6. Reduce per capita average annual potable water usage for the residential sector. 	<p>Develop policy and rebate addressing and incentivizing residential and commercial gray water & rain water reuse.</p>
<p><i>Goal/Objective/Policy</i></p>	<p><i>Policy 4-5.2.3</i></p>	<p><i>Objective 6</i></p>	<p><i>Policy</i></p>

	Promote Low Water Use Landscaping and Plants. At least fifty (50%) percent of landscape plants used to meet City landscaping requirements for new developments and redevelopment shall use native or drought resistant vegetation.		6. Reduce per capita average annual potable water usage for the residential sector.	Develop policy and rebate addressing and incentivizing residential and commercial gray water & rain water reuse.
<i>Goal/Objective/Policy</i>	<i>Policy 4-5.2.4</i>	BEW	<i>Objective 6 and 7</i>	<i>Policy</i>
	Water Conservation Plans and Education Programs. The City will cooperate with the SJRWMD to implement and participate in water conservation activities and programs required by the City's consumptive use permit issued by the SJRWMD. The City will also continue to educate water users in the use of water conservation techniques by posting information on the City's website or having such information available to the public through the Public Works Department and utility Division.		6. Reduce per capita average annual potable water usage for the residential sector. 7. Incentivize and encourage new buildings and major renovations to meet green building standards.	Develop policy and rebate addressing and incentivizing residential and commercial gray water & rain water reuse.
<i>Goal/Objective/Policy</i>	<i>Policy 4-5.2.5</i>	NSR	<i>Objective 6 and 7</i>	<i>Policy</i>
	Water Conservation Fixtures. New construction shall be required to use water fixtures that efficiently distribute water in a manner that reduces overuse and promotes water conservation.		6. Reduce per capita average annual potable water usage for the residential sector. 7. Incentivize and encourage new buildings and major renovations to meet green building standards.	N/A
<i>Goal/Objective/Policy</i>	<i>Policy 4-6.1.3</i>	NSR	<i>Objective 4</i>	<i>Policy</i>
	Impervious Coverage and Groundwater Percolation. The City shall require, by virtue of landscaping requirements, retention requirements or impervious coverage limits that single family properties may not exceed 50% impervious coverage, or 60% when limited and restricted to a one story residence; low density residential may not exceed 65% impervious coverage; multi-family residential and planned development may not exceed 75% impervious coverage; and non-residential development may not exceed 85% impervious coverage, except in areas designated as Central Business District.		4. Reduce grey space (including paved parking lot, street, sidewalk, rooftop, impermeable).	N/A
<i>Goal/Objective/Policy</i>	<i>Policy 4-6.1.4</i>	NSR	<i>Objective 5</i>	<i>Policy</i>
	Eliminate Direct Discharge into Surface Waters. The City's Stormwater Utility Program shall include a continuous program of capital drainage improvement projects which work to eliminate direct discharge of stormwater into lakes and drainage wells by retrofitting the drainage system to include retention and percolation of stormwater equivalent to the standards referenced in Policies 4-4.1.1 and 4-4.1.2 prior to discharge or overflow into the lakes or drainage wells.		5. Increase lakes water quality.	N/A
<i>Goal/Objective/Policy</i>	<i>Policy 4-6.1.6</i>	NSR	<i>Objective 5</i>	<i>Policy</i>
	Protect Effective Aquifer Recharge Areas. The City shall preserve the predevelopment conditions of highly effective aquifer recharge areas as depicted on Map 4-3 in this element with regard to soil type, drainage rates, grade elevation, so as to minimize the reduction in the recharge of the surficial aquifer. A field analysis shall be required to delineate the area enveloped by the highly effective aquifer recharge area. The groundwater level and fluctuations shall not be worse than under predevelopment conditions. Highly effective aquifer recharge areas shall be designated on the Future Land Use Map series. Map 4-3 in this element and shall be all areas with recharge rates over four (4) inches per year.		5. Increase lakes water quality.	N/A
Conservation				
<i>Goal/Objective/Policy</i>				
Recreation & Open Space				

<i>Goal/Objective/Policy</i>	<i>Policy 6-1.1.1</i>	NSR	<i>Objectives 2, 3, and 4</i>	<i>Policy</i>
	Provide Minimum LOS of Ten Acres of Parkland per 1,000 Residents. The City shall provide a minimum of ten acres of publicly owned parkland and conservation lands for each 1,000 residents. For the purpose of calculating this guaranteed level of service, 'open space' shall be defined as publicly owned passive or active recreational land and land left in its natural state for conservation purposes. Specifically excluded are lakes, garden plazas in high density/mixed use developments, and roadway landscaped areas except for, Kings Way and Reading Way.		2. Increase overall green space. 3. Maintain percentage of residents living within a half mile from public green space. 4. Reduce grey space (including paved parking lot, street, sidewalk, rooftop, impermeable).	N/A
<i>Goal/Objective/Policy</i>	<i>Policy 6-1.1.2</i>	NSR	<i>Objective 3</i>	<i>Policy</i>
	Commitment to Public Park Land: The City shall meet and maintain the park land acreage level of service standards set in this plan.		3. Maintain percentage of residents living within a half mile from public green space.	N/A
Capital Improvements				
<i>Goal/Objective/Policy</i>				
No TABS				
Intergovernmental Coordination				
<i>Goal/Objective/Policy</i>	<i>Policy 8-1.1.3</i>			<i>Policy</i>
	Wastewater and Water Treatment Issues. "...The City shall continue coordination with the Florida Department of Environmental Protection (FDEP) regarding best management practices and operation requirements for the City's wastewater treatment and collection system as well as its potable water treatment and delivery system. The City shall continue to coordination with the St. Johns River Water Management District (SJRWMD) regarding traditional and alternative water supply development projects."			N/A
<i>Goal/Objective/Policy</i>	<i>Objective 8-1.6</i>	LGO	<i>Objectives 1-6</i>	<i>Policy</i>
	Multi-Jurisdictional Environmental Issues. The City shall coordinate environmental protection activities, programs and issues identified within the Winter Park Comprehensive Plan with programs administered by FDEP, SJRWMD, and other environmental agencies to eliminate duplication of services, augment protection of natural resources, and promote efficient administration and enforcement of government services and resources. The Water Supply Facilities Work Plan is adopted and incorporated into the Public Facilities Element.		1. Reduce Local Government's Greenhouse Gas Emissions. 2. Reduce Local Government's energy usage in buildings and infrastructure. 3. Increase Local Government's renewable energy production. 4. Reduce Local Government's potable water usage. 5. Reduce Local Government's fleet fuel usage. 6. Increase Local Government employees taking transit, carpooling, cycling or walking to work.	Update the city's idling policy to allow for a maximum of one minute (currently five) for city fleet. Update Green Building Resolution to reflect minimum energy efficiency standards and percentage of energy derived from on-site renewables for city owned buildings.
Public Schools Facilities Element				