# 2021 Dunwoody Sustainability Plan

Nathan Sparks, Chair

Dunwoody Sustainability Committee

April 26, 2021

## 2021 Sustainability Plan Proposal

## **Plan Goals & Objectives**

- 1. Make Dunwoody a leader in environmentally sustainable policies and initiatives that lead to a better quality of life for its citizens.
- 2. Create reasonable incentives and efficient enforcement to ensure businesses are able to implement environmentally sustainable practices.
- 3. Make the plan's goals and objectives easy to understand.
- 4. Make the plan's goals and objectives achievable while earning a positive return on investment.
- 5. Ensure Dunwoody secures and maintains the Platinum Level Green Communities designation from the Atlanta Regional Commission.

## **Sustainable Pillars for Action**

Pillar 1: Trees & Greenspace

Pillar 2: Water Quality

Pillar 3: Transportation & Air Quality

Pillar 4: Resource Efficiency

Pillar 5: Communication, Outreach & Wellness

Our Sustainability Vision is one where Dunwoody models integrity, sustainable practices, and community spirit. Sound public policy and informed citizen and stakeholder actions can achieve an attractive quality of life, a robust economy, a thriving natural environment, healthy living, efficient government, and an engaged and informed citizenry.

## Proposed Changes to our Sustainability Plan

## 2014 Plan goals & STWP actions were unique to Dunwoody

- Sustainability Consultant developed 2014 plan with Community and Staff input
- STWP Short Term Work Plan 2016-19 projected annual Actions with financials, effort
- Departmental priorities and budgets handled independently of Sustainability Committee
- SC and Community Development sporadically received updates
- Policies, training and budgets were annually updated by Staff, and STWP became outdated

## **2021** Plan aligns to ARC Green Communities Program vision

- Sustainability Committee (SC) and Department Heads recommend the Plan based on the Atlanta Regional Commission Green Communities (ARCGC) program
- Plan aspires for ARCGC Platinum level, without a timeline to reach 330 points
- SC will perform the oversight function to track the progress on and compliance with the plan
- Departmental achievements and priorities will go to SC & City Council, at least annually

## Implementation of the Sustainability Plan

## **Sustainability Committee (SC)**

- The SC will perform the oversight function to track the progress on and compliance with the plan.
- The SC will work with an assigned staff liaison to gather data from each department within the City.
- The SC will prepare an annual report for the City Council that documents the resulting findings
- Recommend annual prioritization to complete objectives

## **City Staff**

- Responsible for Implementing the Plan
- Report Out at least annually to SC
- Assigned staff liaison to prioritize a manageable workload for the current staffing structure
- Pursue and maintain the City's ARC's Green Communities Certification
- Develop procedure for routing decisions from other Departments through staff for awareness and comment.
- Work with City Council when sustainable policies are proposed to provide feedback from staff and SC.
- Work with Communications to maintain the website
   & manage social media outreach for sustainability.

## ARC Green Community Certification Process

### **Certification Process**

- Recertification is required every 4 years, which demonstrates an ongoing commitment
- Upgrading Certification may occur within 1 to 2 years of the most recent Certification
- A full Recertification submission will be required

## **Gold Level Upgrade in 2019**

Gold level Submission on 5/9/19



#### **MEMORANDUM**

To: Atlanta Regional Commission

From: Rebecca Keefer

**Date:** May 9, 2019

Subject City of Dunwoody Gold Green Communities Certification

#### Measure #8: Government ENERGY STAR Partner

- Attached is a copy of the City's ENERGY STAR letter.
- Dunwoody's Energy Strategy for the Future:
  - Measure and track the energy performance of our organization's facilities, where possible, by using tools such as those offered through ENERGY STAR;
  - Develop and implement a plan consistent with the ENERGY STAR Guidelines for Energy Management to achieve energy savings;
  - Help spread the word about the importance of energy efficiency to our employees, customers, tenants, shareholders, and/or community; and
  - o Highlight our achievements with recognition offered through ENERGY STAR.



## Summary of Green Communities Achievements \*\*

Counties and cities in metro Atlanta are making great strides towards becoming more sustainable and reducing their impact on the environment. The following summarizes the accomplishments of the 20 communities certified from 2009 to 2019. For more information on each of the measures listed, please refer to the Green Communities manual at www.atlantaregional.org/ greencommunities.

City of Decatur	City of Alpharetta	City of Atlanta	City of Chamblee	Cobb County	City of Dunwoody	City of Roswell	City of Sandy Springs	City of Woodstock	DeKalb County	City of Douglasville	Douglas County	Rockdale County	Cherokee County	Fulton County	City of Milton	City of Peachtree Com	City of Suwanee
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		Certification Level Earned	Platinum	Platinum	Platinum	Gold	Silver	Silver	Silver	Silver	Bronze	Bronze	Bronze	Bronze	Bronze							
	1.	LEED Policy - Government	9	9	9	-	9	9	-	9	9		0		9					9	9	9
<u>6</u>	2.	LEED Building - Government	9	9			0		-					9	0	0		9	9			<b>/</b>
Building	3.	Energy Star/EarthCraft Policy - Government	9	9	9			9		9	9		9		9	9					9	9
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5	5.	Green Building Incentives - Community	9	9	-	9		1					9			0	9	9			9	
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	14.	Energy Codes - Community	9	9	9			1		9			0							9		<b>2</b>
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The 2019 Green Communities Full Summary Report: https://cdn.atlantaregional.org/wp-content/uploads/gc-sumrycomachievements2019.pdf

Based on the points earned, local governments may attain four levels of Green Communities Certification:

Platinum: 330 – 435 points Gold: 280 – 329 points Silver: 230 – 279 points

Bronze: 175 – 229 points

Packet page:...

## Sustainability Polices Posted on Website

#### **ARC Green Communities**

The Atlanta Regional Commission's (ARC) Green Communities program is a voluntary certification program that helps local government implement measures to reduce their environmental footprint. Dunwoody was among the first communities to apply and be certified under this program, earning and maintaining gold level since 2014. The ARC recertified Dunwoody a gold level community in 2019, commending the following measures:

- 1. Installing a bioswale at Dunwoody Nature Center to handle stormwater runoff and educate residents about the function and purpose of green infrastructure.
- 2. Installing bike racks at 18 community and school properties across the city.
- 3. Developing Dunwoody Green, through a public private partnership.



View all dunwoody Sustainability Policies and Initiatives in effect.

View or download the Dunwoody Policy Packet cited in PDF above.

Read the 2020 media release on Dunwoody's recognition.

#### Follow this path to review:

https://www.dunwoodyga.gov/gov ernment/boards-commissionscommittees/sustainabilitycommittee/sustainability-policies

**Updates Possible:** The Sustainability Committee and Staff support the Sustainability Plan, and some Policy reviews occurred. As priority Actions are pursued, policy updates and new ordinances may be recommended to achieve the Goals in the Sustainability Plan.

# Adoption of the 2021 Sustainability Plan continues support of Dunwoody's 2020-2040 Comprehensive Plan

#### A COMPREHENSIVE PLAN SUSTAINABILITY STATEMENT:

#### MAINTAIN AND STRENGTHEN THE CITY'S COMMITMENT TO SUSTAINABLE PRACTICES

Dunwoody takes its responsibility toward sustainable practices very seriously, as is evident by the establishment and continued operation of a Sustainability Committee and its adoption (of) a Sustainability Plan.

#### **Recommendation:**

The Sustainability Committee (SC) and Staff recommend City Council adopts the 2021 Sustainability Plan as multi-year plan comprised mostly of achieved Actions that are funded to be maintained.

### **Continuing the Implementation Approach:**

- The 5 Pillar Actions are reported with status as Maintain or Add/Enhance in the following slides, as compiled and to be managed by the Staff an SC in the new Short Term Work Plan Framework.
  - The Staff will prioritize Maintain and Add/Enhance Actions with normal department resources and funds.
  - Where additional funds are desired, it will require SC prioritization and Staff annual budgeting efforts.
  - Action prioritization by Staff and SC will occur April thru June to identify budget requests for 2022.
- Annual SC reports will include Plan update recommended to reflect prioritization and guidance received.

## TREES & GREENSPACE

### **Areas to Maintain**

- = Increasing park space
- = Green roof project at DNC
- = Farmers markets
- = No net loss of trees
- = Tree City USA
- = Parking lot canopy ordinance
- = Stream buffer
- = Bee City USA
- = Community garden and orchard
- = Encouraging beekeeping
- = Greenspace plan for connectivity

- + Residential Tree policy
- + community forest master plan
- + Infill sites for new city facilities
- + Incentives for developers to practice smart growth and redevelop greyfield / brownfield sites

## WATER QUALITY

### **Areas to Maintain**

- = USING rainwater for irrigation
- = Plumbing efficiency standards
- = Demonstration green infrastructure plan
- = water resource management plan
- = Limiting excessive parking
- = Limiting street lane size
- = Reducing impervious surfaces
- = Water education program
- = test results on website

- + Becoming a WaterFirst community
- + Testing and monitoring city watershed
- + Water audits for city facilities
- + Continuing to equip public buildings with efficient plumbing

## TRANSPORTATION & AIR QUALITY

### **Areas to Maintain**

- = Complete streets policy
- = Bicycle parking policy
- = Sidewalks and pedestrian crossing facilities
- = No idling policy
- = Traffic signal synchronization
- = Electric vehicle charging stations
- = Multi-purpose trails
- = Pedestrian trails
- = End of route bicycle facilities

- + Bicycle friendly community
- + Walk friendly community
- + Connecting neighborhoods via pedestrian trails
- + Safe routes to school program
- + Low emission standards for city vehicles
- + Connecting multi-purpose trails with other cities
- + Improving trail signage/maps

## RESOURCE EFFICIENCY

### **Areas to Maintain**

- = Green building policy
- = Education about green building certifications
- = Purchasing Energy star rated equipment
- = Energy efficient light bulbs
- = Lights off/power down policy
- = City hall cool roof
- = Inspections to enforce energy codes
- = Supporting community solar power
- = Environmentally preferable purchasing policy
- = Recycling at government facilities
- = Purchasing recycled paper
- = Community recycling events
- = Supporting residential and commercial recycling

- + Energy benchmarking
- + Energy star partner
- + Schedule for energy audits
- + Demonstration project
- + US EPA GREEN power partner
- + Energy star certification for new city buildings/renovations
- + Recycling programs at schools and public events
- + Community education on Energy efficiency and Recycling
- + Enhance recycling at multi-family dwellings

## EDUCATION, OUTREACH, & WELLNESS

### **Areas to Maintain**

- = Sustainability staff training program
- = Short-term Work Plan and reporting framework
- = Publicize sustainability accomplishments
- = Sustainability hero program
- Educational campaigns about green community measures
- = Road safety education
- = Adult and youth wellness programs

- + Engaging the business community around sustainability
- + Sustainability consideration checklist for events

### **City of Dunwoody**

### **Sustainability Plan**

#### I. Introduction

Our Sustainability Vision is one where Dunwoody models integrity, sustainable practices, and community spirit. Sound public policy and informed citizen and stakeholder actions can achieve an attractive quality of life, a robust economy, a thriving natural environment, healthy living, efficient government, and an engaged and informed citizenry.

This Sustainability Plan (Plan) was drafted by the City's Sustainability Committee to update and streamline the original Sustainability Plan of 2014. This Plan provides goals and actions for the City to take in advancing Dunwoody as a more sustainable community. The Plan fulfills the directive from the City's Comprehensive Plan to formulate a Sustainability Plan that, in concert with the City's other Master Plans, will address the health & wellness of our residents, and the community's environmental, social & economic prosperity needs. The Sustainability Plan is built upon the Atlanta Regional Commission's Green Community certification program, and Dunwoody will strive to achieve its highest level of performance whenever practical.

The basic goals and objectives of the plan, are to:

- Make Dunwoody a leader in environmentally sustainable policies and initiatives that lead to a better quality of life for its citizens and that will raise property values over the long term.
- 2. Create reasonable incentives and efficient enforcement to ensure businesses are able to implement environmentally sustainable practices.
- 3. Make the plan's goals and objectives easy to understand.
- 4. Make the plan's goals and objectives achievable while earning a positive return on investment.
- 5. Ensure Dunwoody secures and maintains the Platinum Level Green Communities designation from the Atlanta Regional Commission.

The new plan's objectives are structured with goals within five pillars. Many of the objectives align with the City's previous Plan and the Green Communities objectives, but some are new. The revised plan was discussed in detail with all the impacted department heads.

Pillar 1: Trees & Greenspace

Pillar 2: Water Quality

Pillar 3: Transportation & Air Quality

Pillar 4: Resource Efficiency

Pillar 5: Communication, Outreach & Wellness

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The Plan includes both goals and actions that are already being achieved today, and should be maintained, as well as aspirational goals and actions that should be considered for future implementation.

#### II. Implementation of the Plan

#### A. Sustainability Committee

The Sustainability Committee will be composed of seven (7) Dunwoody residents appointed by the Mayor and confirmed by the City Council. The Committee will perform the oversight function to track the progress on and compliance with the plan. The Committee will work with an assigned staff liaison to gather data from each department within the City and to prepare an annual report for the City Council that documents the resulting findings.

#### B. City Staff

Expanding the capacity of staff to increase the reach and impact of the sustainability program, fulfill this plan wholly, and establish Dunwoody as a leader in sustainable growth, is a key goal. The City Department Heads are responsible for implementing the Plan and will report out to the Sustainability Committee at least annually. The Committee will also recommend annual prioritization for the Plan's objectives.

An assigned staff liaison will work with the Sustainability Committee annually to prioritize actions within the Plan into a manageable workload for the current staffing structure, since a dedicated staff person is not allocated at this time. (The 2014 Plan allocated approximately 15 hours per week of staff time to sustainability-related projects and envisioned an eventual full-time staff position. The Committee recognizes that this level of commitment is not feasible under the current budget. However, the Committee and this updated plan continue to advocate for that long-term vision for staff commitment.)

Actions proposed for the sustainability liaison include:

- Pursue and maintain the City's ARC's Green Communities Certification
- Develop a standardized procedure for routing decisions from other Departments affecting sustainability through staff for awareness and comment.
- Work with a member or members from City Council when sustainable policies are proposed to provide feedback from staff and Sustainability Committee.
- Work with Communications to maintain the website & manage social media outreach for sustainability issues.

- Coordinate the Sustainability Committee meetings
- Plan and manage events—like the annual recycling event sponsored by the Committee.

#### III. Synergies with Other Plans

The successful implementation to this Plan will require input and actions from the City Council, City staff as well as other community groups and organizations.

The Sustainability Plan works cohesively with other planning initiatives pursued by the City, including the Transportation Plan, the Comprehensive Plan, the Parks Plan, and two sub-area Master Plans, other plans with local, County, and regional impact. Many actions throughout the plan are both direct and indirect suggestions from these plans. The intent is to synthesize the sustainability focus from each of the plans and implement them throughout Dunwoody.

#### IV. The Sustainability Plan

#### A. Trees & Greenspace

#### 1. Greenspace

- a) Dunwoody will offer an accessible network of parks and greenspace that encourages recreation in and preservation of natural areas that enhance native ecosystems through awareness, education and experiences.
  - (1) The city will work to increase park space so that all residents will live within 1/2 mile walking distance to a publicly accessible park.
  - (2) The city will develop, adopt and implement a greenspace plan that provides for connectivity of protected greenspace within and among neighborhoods and retail areas.
  - (3) The Parks Department will help maintain the demonstration green roof project at the Dunwoody Nature Center and encourage implementation of other green roof projects where feasible.
  - (4) The city will maintain support for the farmers market.

#### 2. Trees

- a) Dunwoody will pursue policies and development that protect and enhance the city's tree canopy.
  - (1) The city will maintain a no net loss of trees policy for government property and post records on the city website that identifies the quantity and location of trees removed and those planted as replacements.
  - (2) The city will maintain its Tree City US designation by 1) having the city arborist develop a comprehensive tree management program, 2) enforce its tree care ordinance, 3) maintain a community forestry program with an annual budget of at least \$2 per capita, and 4) observe Arbor Day annually with a proclamation and public tree planting.
  - (3) The city will enforce its parking lot canopy ordinance on all new developments and encourage retrofits of existing lots with standards that result in 50% canopy coverage of impervious parking surfaces by requiring at least one canopy tree for every 8 parking spots.
  - (4) The city will adopt a community forest master plan with a comprehensive analysis of its community forest and implement short- and long-range goals to increase the health and coverage size of the city's forest.

- (5) The city will implement a residential tree policy with restrictions and expanded regulations around the cutting of native trees.
- (6) The city will vigorously enforce the 75-foot stream buffer zone and limit variances allowed.

#### 3. Pollinator Protection

- a) Dunwoody will support and encourage the creation and enhancement of a healthy pollinator habitat.
  - (1) The city will maintain its BeeCity USA designation by 1) encouraging native plants and pesticide-free pollinator habitats, 2) promoting pollinator conservation awareness, 3) observing pollinator week annually with a proclamation and public pollinator garden designation, and 4) supporting the annual Butterfly Festival at the Dunwoody Nature Center.
  - (2) The city will maintain support for the Community Garden & Orchard at Brook Run Park and encourage other neighborhood associations to create community gardens.
  - (3) The city will maintain policies that encourage and do not unreasonably restrict hobby beekeeping within the city.

#### 4. Land Use

- a) Dunwoody will encourage preservation of and implement policies to protect undeveloped tracts of land.
  - (1) The City will utilize brownfield, greyfield, or infill sites for new City facilities.
  - (2) The City will develop incentives for developers to revitalize and reuse buildings and encourage redevelopment of greyfield and brownfield sites.
  - (3) The city will maintain and evaluate expansion of incentives that support smart growth (ex. redevelopment in downtown areas, grey/brownfield redevelopment, transit-oriented development, mixed-use, infill.)

#### B. Water Quality

- Water Efficient Building Standards
  - Dunwoody will pursue policies that improve water conservation for all permitted projects and will pursue updates and retrofits where feasible for existing public property.

- (1) The city will conduct water audits (indoor and outdoor) of existing local government facilities and implement recommendations -or- engage in performance contracting for water use in government buildings.
- (2) The city will require ultra-high efficiency plumbing for new public buildings and assess retrofits for existing public buildings where the long-term benefits outweigh the costs.
- (3) The city will use captured rainwater or reuse water to irrigate landscapes at government facilities.
- (4) The city will adopt local amendments to the Georgia State Minimum Standard Plumbing Code that requires ultra-high efficiency standards for residential bathroom plumbing fixtures.

#### 2. Watershed Protection

- a) Dunwoody will support and encourage the enhancement of a healthy watershed.
  - (1) The city will evaluate and strive to become a Georgia Department of Community Affairs WaterFirst Community.
  - (2) The city will have a demonstration green infrastructure project.
  - (3) The city will comply with the Metro Water District Water Resource Management Plan.
  - (4) The City will adopt development regulations to limit excessive parking space requirements and encourage shared parking, joint parking and/or maximum parking restrictions where appropriate.
  - (5) The city will develop a plan to test and monitor the complete city watershed.
  - (6) The city will reduce the size of street lanes to reduce asphalt on roads where feasible.
  - (7) The city will adopt policies to reduce impervious surfaces and eliminate diversion of streams to culverts.

#### 3. Communications & Outreach

- Dunwoody will provide transparency in our Water Quality metrics as well as build further community support and awareness of our watershed quality.
  - (1) The city will implement a local water education and public awareness program.

(2) The city will publish timely test results on the Dunwoody website in a consumer-friendly manner.

#### C. Transportation & Air Quality

#### 1. Multi-Modal Transportation

- a) Dunwoody will continue to increase its profile as a walkable and bicycle-friendly community.
  - (1) The City will comply with its Complete Streets Policy in all road projects, including road paving projects.
  - (2) The City will install and maintain bicycle racks at all parks and community facilities owned or operated by the City as specified in its Bicycle Parking Policy, and encourage private businesses to add bicycle parking facilities as well.
  - (3) The City will continue to add sidewalks and enhance pedestrian crossing facilities along main corridors and with emphasis on walking routes to schools.
  - (4) The City will work to build a network of high-quality bicycle facilities (e.g. trails, protected bike lanes, etc.) along main corridors.
  - (5) The City will strive to become, and maintain, a Bicycle Friendly Community at the Bronze level or higher.
  - (6) The City will strive to become, and maintain, a Walk Friendly Community at the Bronze level or higher.

#### 2. Air Quality

- a) Dunwoody will pursue policies to limit fossil fuel vehicle emissions.
  - (1) The City will require that low emission standards be among the top purchasing criteria evaluated when acquiring all city owned vehicles and require the same for contractor purchased vehicles routinely used to perform city functions.
  - (2) The City will implement policies to ensure adherence to its No Idling Policy that require turning off vehicles when stopped for more than 30 seconds except as noted in the policy for all city owned and contractor vehicles used for city business.

- (3) The City will encourage each public school's PTO or volunteer organization to actively implement/support a Safe Routes to School program to promote safe walking and bicycling to school, to support bus use and carpools, and to raise awareness of no idle policies in carpool lines and parking areas.
- (4) The City will continue to improve traffic signal synchronization to ease congestion and reduce idling times.
- (5) The City will strive to maintain and increase electric vehicle charging stations at publicly accessible parking lots throughout the city.

#### 3. Connectivity

- a) Dunwoody will maintain and expand, where feasible, a comprehensive sidewalk and trail network connecting green spaces, neighborhoods, community gathering places & retail centers within the city and region.
  - (1) The City will pursue policies and actions that lead to a connected network of multi-purpose trails within the city that allow residents and visitors to easily walk or ride a bike to parks, community gathering places, and retail centers by working with new developments to provide connections from and through their properties and with existing landowners to allow them to open up new connections.
  - (2) In instances where multi-purpose trails are not appropriate, the City will pursue policies and actions to connect neighborhoods via pedestrian trails, to include identifying existing/potential pedestrian connections and collaborating with local residents to formalize agreements.
  - (3) The City will pursue policies and actions that eventually lead to the connection of our multi-purpose trail network with those from our neighboring cities.
  - (4) The City will maintain/update trails, pedestrian connection, and bicycle facility maps and incorporate way-finding signage on trails and at appropriate community locations.

#### D. Resource Efficiency

- 1. Green Buildings: To be competitive, portions of the commercial real estate market would benefit from green building techniques. Dunwoody can be a leader in green building by setting up meaningful policies that guide development and retrofits.
  - a) Invest wisely in energy efficient buildings that improve occupancy health and well-being while reducing cost of operations and impact on the environment.

- (1) The City will follow its Green Building Policy by implementing LEED guidelines in the design and build of new city buildings and Department Heads will investigate and consider LEED guidelines as part of the process for all new or renovation projects.
- (2) The City will ensure new buildings owned by the City are certified ENERGY STAR or EarthCraft Light Commercial (e.g. Southface), and operations follow LEED guidelines for its Green Building Policy.
- (3) Renovations of existing City buildings will be ENERGY STAR certified or follow LEED guidelines per the Green Building Policy.
- b) Encourage the Dunwoody community to invest in Green Building technology.
  - (1) Offer education, suggestions and incentives for green building certifications and improvements, as may be required by Community Development (LEED, EarthCraft, ENERGY STAR or other green certifications) such as expediting review processes and evaluating additional incentives.

#### 2. Energy Efficiency

- a) The City of Dunwoody will audit operations periodically and invest in more efficient equipment where a positive return on investment is possible, including the procurement and installation of high efficiency products as infrastructure and consumables are replaced.
  - (1) The City will initiate a process to engage in energy benchmarking to determine how the City's buildings perform relative to their peers in terms of building size, type, occupancy, and climate.
  - (2) The City will create, and apply a schedule to conduct energy audits / retrocommissioning of appropriate city facilities and implement recommendations.
  - (3) The City will become an ENERGY STAR Partner by implementing Dunwoody's "Energy Strategy for the Future" on the Sustainability webpage.
  - (4) The City will purchase ENERGY STAR rated equipment and appliances for use in local government facilities when practical based upon consideration of Life Cycle Costs in accordance with its Purchasing Policy.
  - (5) The City will require the replacement of energy inefficient light bulbs with more energy efficient light-emitting diode (LED) light bulbs in all public buildings.

- (6) The City will apply its Lights Off / Power Down Policy by training and encouraging employees to comply.
- b) The City of Dunwoody will encourage the residential and business community to be energy efficient.
  - (1) The City will continue to have and highlight the City Hall cool roof.
  - (2) The City will offer community education that encourages replacement of energy inefficient light bulbs with more energy efficient light-emitting diode (LED) light bulbs.
  - (3) The City will offer community education that highlights other energy efficient technologies such as smart thermostats, air sealing, high-efficiency hot water heaters and high-efficiency heat pumps, as well as energy benchmarking and retro-commissioning of existing commercial buildings.
  - (4) The City will continue to manage an active inspection program for residential and commercial construction projects to enforce Georgia's energy codes.
  - (5) The City will enforce the requirement in Chapter 27 of the zoning ordinance, which requires full cut-off fixtures and reduced glare on adjacent properties for outdoor lighting.

#### 3. Renewable Energy

- a) The City of Dunwoody will support renewable energy programs and adopt its use in government operations.
  - (1) The City will invest in a demonstration renewable energy project (such as solar) and use it to educate residents and businesses on Renewable Power.
  - (2) The City will work towards becoming a U.S. Environmental Protection Agency (US EPA) Green Power Partner by purchasing a percentage of power consumed from renewable energy sources.
- b) The City will encourage the Dunwoody community to use renewable energy.
  - (1) The City will continue to support community solar power efforts by utilizing the expedited solar permitting checklist and evaluating additional best management practices (BMPs) to promote and facilitate rooftop solar installation.
- 4. Waste Reduction & Recycling

- a) The City of Dunwoody will increase recycling infrastructure, make recycling options available to all residents and businesses, offer education to minimize "wish-cycling", and support and encourage recycling or proper disposal of hardto-recycle items.
  - (1) The City will procure Environmentally Preferable Goods and Services in accordance with its Purchasing Policy.
  - (2) The City will develop and implement a recycling program for traditional recycling materials at government facilities, including containers for collection of recycling and trash in parks and appropriate right-of-ways.
  - (3) The City will purchase recycled paper with at least 30 percent recycled content in accordance with its Purchasing Policy.
  - (4) The City will support curbside recycling for all residents through contracts with DeKalb County or an alternate vendor. Further, the City will develop an ordinance requiring multi-family residential units to offer recycling capabilities similar to DeKalb's residential recycling program.
  - (5) The City will work with local schools to institutionalize recycling programs and associated educational efforts.
  - (6) The City will support DeKalb County glass recycling for all residents by providing space for drop off locations in city parks or other City property.
  - (7) The City will support the availability of recycling services for commercial businesses through DeKalb County operations or solid waste contracts.
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  - (9) The City will offer regular events for properly disposing of household hazardous waste with education to reduce waste, and will evaluate donor fees as a potential cost reduction.
  - (10) The City will support organics and yard debris collection in single family residential neighborhoods through contracts with DeKalb County or an alternate vendor.
- b) The City will routinely offer education on waste reduction and recycling to its citizens, businesses, and staff members.
  - (1) The City will partner with the Dunwoody Nature Center, or others, to provide a 'How To' program for residential and commercial composting.

- (2) The City will enhance the local recycling and public awareness program using City communications and recycling events, including waste reduction initiatives.
- (3) The City will formalize and enforce recycling requirements at public events and evaluate tools to encourage waste minimization and composting at those events.

#### E. Education, Outreach, and Wellness

- 1. Education, Outreach, and Wellness
  - a) Dunwoody staff and volunteers will understand the Sustainability measures in place and will strive to fully implement those Plans and Policies.
    - (1) The City will establish a training program for staff and new hires (including contractors) to educate them on their roles in fulfilling the goals of the Sustainability Plan with an overview of relevant Policies and Procedures. The training shall be conducted within 60 days for new hires and annually for all staff. Mayor and Council members shall be notified of annual training and encouraged to attend.
    - (2) The City will develop a sustainability consideration checklist for routing during review of events and permitting projects to ensure that policies are followed (ex. Public event recycling).
    - (3) The City will adopt this Sustainability Plan update and implement a new Short-Term Workplan that compels department heads to update annual compliance in writing and to present compliance efforts to the Sustainability Committee annually. The Sustainability Committee will be compelled to present a status report on the overall plan to the City Council annually.
  - b) Dunwoody will be recognized for its leadership in sustainability programs and initiatives.
    - (1) The City will publicize sustainability accomplishments of staff, committee, and others through City publications and official communication outlets. This will include the ARC Green Communities Program and status achieved.
    - (2) The City will recognize a Sustainability Hero or Heroes annually.
    - (3) The City will work to develop a dashboard to keep track and highlight its progress towards becoming more sustainable and energy efficient.

- In order that Dunwoody residents and businesses know the City's sustainability initiatives and are fully engaged in adopting more sustainable behaviors and practices,
  - (1) The City and its partners will develop and implement educational campaigns about green community measures, including a speaker's series and hands-on training for residents and businesses.
  - (2) The City and its partners will develop and implement a program to engage the community's youth around the environment and community sustainability.
  - (3) Develop and implement an outreach program to engage the business community around the benefits of adopting a sustainability ethic and collaborate on sustainability issues.
  - (4) The City will develop and implement educational campaigns about road safety, rights/laws regarding Vulnerable Road Users, sustainable vehicle utilization, multi-modal transportation options, energy efficiency, and bicycle and pedestrian friendly policies.
- d) The Wellness of all Dunwoody citizens is important, and Dunwoody will facilitate, support and promote healthy activities for its residents.
  - (1) Dunwoody will provide access to education to support youth with physical fitness, healthful nutrition, and mental well-being programs. This will be done by promoting and supporting community organizations that provide athletics, arts and nature programming, including the DeKalb County Library, Schools and Department of Health.
  - (2) Dunwoody will provide access to education to support adult and aging populations with physical fitness, healthful nutrition and mental well-being programs. This will be done by promoting and supporting community organizations that provide arts, wellness and nature programming, including the DeKalb County Library and Department of Health.

### **City of Dunwoody**

### **Sustainability Plan**

#### I. Introduction

Our Sustainability Vision is one where Dunwoody models integrity, sustainable practices, and community spirit. Sound public policy and informed citizen and stakeholder actions can achieve an attractive quality of life, a robust economy, a thriving natural environment, healthy living, efficient government, and an engaged and informed citizenry.

This Sustainability Plan (Plan) was drafted by the City's Sustainability Committee to update and streamline the original Sustainability Plan of 2014. This Plan provides goals and actions for the City to take in advancing Dunwoody as a more sustainable community. The Plan fulfills the directive from the City's Comprehensive Plan to formulate a Sustainability Plan that, in concert with the City's other Master Plans, will address the health & wellness of our residents, and the community's environmental, social & economic prosperity needs. The Sustainability Plan is built upon the Atlanta Regional Commission's Green Community certification program, and Dunwoody will strive to achieve its highest level of performance whenever practical.

The basic goals and objectives of the plan, are to:

- Make Dunwoody a leader in environmentally sustainable policies and initiatives that lead to a better quality of life for its citizens and that will raise property values over the long term.
- 2. Create reasonable incentives and efficient enforcement to ensure businesses are able to implement environmentally sustainable practices.
- 3. Make the plan's goals and objectives easy to understand.
- 4. Make the plan's goals and objectives achievable while earning a positive return on investment.
- 5. Ensure Dunwoody secures and maintains the Platinum Level Green Communities designation from the Atlanta Regional Commission.

The new plan's objectives are structured with goals within five pillars. Many of the objectives align with the City's previous Plan and the Green Communities objectives, but some are new. The revised plan was discussed in detail with all the impacted department heads.

Pillar 1: Trees & Greenspace

Pillar 2: Water Quality

Pillar 3: Transportation & Air Quality

Pillar 4: Resource Efficiency

Pillar 5: Communication, Outreach & Wellness

1

The Plan includes both goals and actions that are already being achieved today, and should be maintained, as well as aspirational goals and actions that should be considered for future implementation.

#### II. Implementation of the Plan

#### A. Sustainability Committee

The Sustainability Committee will be composed of seven (7) Dunwoody residents appointed by the Mayor and confirmed by the City Council. The Committee will perform the oversight function to track the progress on and compliance with the plan. The Committee will work with an assigned staff liaison to gather data from each department within the City and to prepare an annual report for the City Council that documents the resulting findings.

#### B. City Staff

Expanding the capacity of staff to increase the reach and impact of the sustainability program, fulfill this plan wholly, and establish Dunwoody as a leader in sustainable growth, is a key goal. The City Department Heads are responsible for implementing the Plan and will report out to the Sustainability Committee at least annually. The Committee will also recommend annual prioritization for the Plan's objectives.

An assigned staff liaison will work with the Sustainability Committee annually to prioritize actions within the Plan into a manageable workload for the current staffing structure, since a dedicated staff person is not allocated at this time. (The 2014 Plan allocated approximately 15 hours per week of staff time to sustainability-related projects and envisioned an eventual full-time staff position. The Committee recognizes that this level of commitment is not feasible under the current budget. However, the Committee and this updated plan continue to advocate for that long-term vision for staff commitment.)

Actions proposed for the sustainability liaison include:

- Pursue and maintain the City's ARC's Green Communities Certification
- Develop a standardized procedure for routing decisions from other Departments affecting sustainability through staff for awareness and comment.
- Work with a member or members from City Council when sustainable policies are proposed to provide feedback from staff and Sustainability Committee.
- Work with Communications to maintain the website & manage social media outreach for sustainability issues.

- Coordinate the Sustainability Committee meetings
- Plan and manage events—like the annual recycling event sponsored by the Committee.

#### III. Synergies with Other Plans

The successful implementation to this Plan will require input and actions from the City Council, City staff as well as other community groups and organizations.

The Sustainability Plan works cohesively with other planning initiatives pursued by the City, including the Transportation Plan, the Comprehensive Plan, the Parks Plan, and two sub-area Master Plans, other plans with local, County, and regional impact. Many actions throughout the plan are both direct and indirect suggestions from these plans. The intent is to synthesize the sustainability focus from each of the plans and implement them throughout Dunwoody.

#### IV. The Sustainability Plan

#### A. Trees & Greenspace

#### 1. Greenspace

- a) Dunwoody will offer an accessible network of parks and greenspace that encourages recreation in and preservation of natural areas that enhance native ecosystems through awareness, education and experiences.
  - (1) The city will work to increase park space so that all residents will live within 1/2 mile walking distance to a publicly accessible park.
  - (2) The city will develop, adopt and implement a greenspace plan that provides for connectivity of protected greenspace within and among neighborhoods and retail areas.
  - (3) The Parks Department will help maintain the demonstration green roof project at the Dunwoody Nature Center and encourage implementation of other green roof projects where feasible.
  - (4) The city will maintain support for the farmers market.

#### 2. Trees

- a) Dunwoody will pursue policies and development that protect <u>and</u>& enhance the city's tree canopy.
  - (1) The city will maintain a no net loss of trees policy for government property and post records on the city website that identifies the quantity and location of trees removed and those planted to replace as replacements.
  - (2) The city will maintain its Tree City USA designation by 1) having the city arborist develop a comprehensive tree management program, 2) enforce its tree care ordinance, 3) maintain a community forestry program with an annual budget of at least \$2 per capita, and 4) observe Arbor Day annually with a proclamation and public tree planting.
  - (3) The city will enforce its parking lot canopy ordinance on all new developments and encourage retrofits of existing lots with standards that result in 50% canopy coverage of impervious parking surfaces by requiring at least one canopy tree for every 8 parking spots.
  - (4) The city will adopt a community forest master plan with a comprehensive analysis of its community forest and implement short- and long-range goals to increase the health and coverage size of the city's forest.

- (5) The city will implement a residential tree policy with restrictions and expanded regulations around the cutting of native trees.
- (6) The city will vigorously enforce the 75-foot stream buffer zone and limit variances allowed.

#### 3. Pollinator Protection

- a) Dunwoody will support and encourage the creation and enhancement of a healthy pollinator habitat.
  - (1) The city will maintain its BeeCity USA designation by 1) encouraging native plants and pesticide-free pollinator habitats, 2) promoting pollinator conservation awareness, 3) observinge pollinator week annually with a proclamation and public pollinator garden designation, and 4) supporting the annual Butterfly Festival at the Dunwoody Nature Center.
  - (2) The city will maintain support for the Community Garden & Orchard at Brook Run Park and encourage other neighborhood associations to create community gardens.
  - (3) The city will maintain policies that encourage and do not unreasonably restrict hobby beekeeping within the city.

#### 4. Land Use

- a) Dunwoody will encourage preservation of and implement policies to protect undeveloped tracts of land.
  - (1) The City will utilize brownfield, greyfield, or infill sites for new City facilities.
  - (2) The City will develop incentives for developers to revitalize and reuse buildings and encourage redevelopment of greyfield and brownfield sites.
  - (3) The city will maintain and evaluate expansion of incentives that support smart growth (ex. redevelopment in downtown areas, grey/brownfield redevelopment, transit-oriented development, mixed-use, infill.)

#### B. Water Quality

- Water Efficient Building Standards
  - Dunwoody will pursue policies that improve water conservation for all permitted projects and will pursue updates and retrofits where feasible for existing public property.

- (1) The city will conduct water audits (indoor and outdoor) of existing local government facilities and implement recommendations -or- engage in performance contracting for water use in government buildings.
- (2) The city will require ultra-high efficiency plumbing for new public buildings and assess retrofits for existing public buildings where the long-term benefits outweigh the costs.
- (3) The city will use captured rainwater or reuse water to irrigate landscapes at government facilities.
- (4) The city will adopt local amendments to the Georgia State Minimum Standard Plumbing Code that requires ultra-high efficiency standards for residential bathroom plumbing fixtures.

#### 2. Watershed Protection

- a) Dunwoody will support and encourage the enhancement of a healthy watershed.
  - (1) The city will evaluate and strive to become a Georgia Department of Community Affairs WaterFirst Community.
  - (2) The city will have a demonstration green infrastructure project.
  - (3) The city will comply with <u>the Metro Water District Water Resource</u> Management Plan.
  - (4) The City will adopt development regulations to limit excessive parking space requirements and encourage shared parking, joint parking and/or maximum parking restrictions where appropriate.
  - (5) The city will develop a plan to test and monitor the complete city watershed.
  - (6) The city will reduce the size of street lanes to reduce asphalt on roads where feasible.
  - (7) The city will adopt policies to reduce impervious surfaces and eliminate diversion of streams to culverts.

#### 3. Communications & Outreach

- a) Dunwoody will provide transparency in our Water Quality metrics as well as build further community support and awareness of our watershed quality.
  - (1) The city will implement a local water education and public awareness program.

(2) The city will publish timely test results on the Dunwoody website in a consumer-friendly manner.

#### C. Transportation & Air Quality

#### 1. Multi-Modal Transportation

- a) Dunwoody will continue to increase its profile as a walkable and bicycle-friendly community.
  - (1) The City will comply with its Complete Streets Policy in all road projects, including road paving projects.
  - (2) The City will install and maintain bicycle racks at all parks and community facilities owned or operated by the City as specified in its Bicycle Parking Policy, and encourage private businesses to add bicycle parking facilities as well.
  - (3) The City will continue to add sidewalks and enhance pedestrian crossing facilities along main corridors and with emphasis on walking routes to schools.
  - (4) The City will work to build a network of high-quality bicycle facilities (e.g. trails, protected bike lanes, etc.) along main corridors.
  - (5) The City will strive to become, and maintain, a Bicycle Friendly Community at the Bronze level or higher.
  - (6) The City will strive to become, and maintain, a Walk Friendly Community at the Bronze level or higher.

#### 2. Air Quality

- a) Dunwoody will pursue policies to limit fossil fuel vehicle emissions.
  - (1) The City will require that low emission standards be among the top purchasing criteria evaluated when acquiring all city owned vehicles and require the same for contractor purchased vehicles routinely used to perform city functions.
  - (2) The City will implement policies to ensure adherence to its No Idling Policy that require turning off vehicles when stopped for more than 30 seconds except as noted in the policy for all city owned and contractor vehicles used for city business.

- (3) The City will encourage each public school's PTO or volunteer organization to actively implement/support a Safe Routes to School program to promote safe walking and bicycling to school, to support bus use and carpools, and to raise awareness of no idle policies in carpool lines and parking areas.
- (4) The City will continue to improve traffic signal synchronization to ease congestion and reduce idling times.
- (5) The City will strive to maintain and increase electric vehicle charging stations at publicly accessible parking lots throughout the city.

#### 3. Connectivity

- a) Dunwoody will maintain and expand, where feasible, a comprehensive sidewalk and trail network connecting green spaces, neighborhoods, community gathering places & retail centers within the city and region.
  - (1) The City will pursue policies and actions that lead to a connected network of multi-purpose trails within the city that allow residents and visitors to easily walk or ride a bike to parks, community gathering places, and retail centers by working with new developments to provide connections from and through their properties and with existing landowners to allow them to open up new connections.
  - (1)(2) In instances where multi-purpose trails are not appropriate, the City will pursue policies and actions to connect neighborhoods via pedestrian trails, to include identifying existing/potential pedestrian connections and collaborating with local residents to formalize agreements.
  - (2)(3) The City will pursue policies and actions that eventually lead to the connection of our multi-purpose trail network with those from our neighboring cities.
  - (3)(4) The City will maintain/update trails, pedestrian connection, and bicycle facility maps and incorporate way-finding signage on trails and at appropriate community locations.

#### D. Resource Efficiency

- 1. Green Buildings: To be competitive, portions of the commercial real estate market would benefit from green building techniques. Dunwoody can be a leader in green building by setting up meaningful policies that guide development and retrofits.
  - a) Invest wisely in energy efficient buildings that improve occupancy health and well-being while reducing cost of operations and impact on the environment.

- (1) The City will follow its Green Building Policy by implementing LEED guidelines in the design and build of new city buildings and Department Heads will investigate and consider LEED guidelines as part of the process for all new or renovation projects.
- (2) The City will ensure new buildings owned by the City are certified ENERGY STAR or EarthCraft Light Commercial (e.g. Southface), and operations follow LEED guidelines for its Green Building Policy.
- (3) Renovations of existing City buildings will be ENERGY STAR certified or follow LEED guidelines per the Green Building Policy.
- b) Encourage the Dunwoody community to invest in Green Building technology.
  - (1) Offer education, suggestions and incentives for green building certifications and improvements, as may be required by Community Development (LEED, EarthCraft, ENERGY STAR or other green certifications) such as expediting review processes and evaluating additional incentives.

#### 2. Energy Efficiency

- a) The City of Dunwoody will audit operations periodically and invest in more efficient equipment where a positive return on investment is possible, including the procurement and installation of high efficiency products as infrastructure and consumables are replaced.
  - (1) The City will initiate a process to engage in energy benchmarking to determine how the City's buildings perform relative to their peers in terms of building size, type, occupancy, and climate.
  - (2) The City will create, and apply a schedule to conduct energy audits / retrocommissioning of appropriate city facilities and implement recommendations.
  - (3) The City will become an ENERGY STAR Partner by implementing Dunwoody's "Energy Strategy for the Future" on the Sustainability webpage.
  - (4) The City will purchase ENERGY STAR rated equipment and appliances for use in local government facilities when practical based upon consideration of Life Cycle Costs in accordance with its Purchasing Policy.
  - (5) The City will require the replacement of energy inefficient light bulbs with more energy efficient light-emitting diode (LED) light bulbs in all public buildings.

- (6) The City will apply its Lights Off / Power Down Policy by training and encouraging employees to comply.
- b) The City of Dunwoody will encourage the residential and business community to be energy efficient.
  - (1) The City will continue to have and highlight the City Hall cool roof.
  - (2) The City will offer community education that encourages replacement of energy inefficient light bulbs with more energy efficient light-emitting diode (LED) light bulbs.
  - (3) The City will offer community education that highlights other energy efficient technologies such as smart thermostats, air sealing, high-efficiency hot water heaters and high-efficiency heat pumps, as well as energy benchmarking and retro-commissioning of existing commercial buildings.
  - (4) The City will continue to manage an active inspection program for residential and commercial construction projects to enforce Georgia's energy codes.
  - (5) The City will enforce the requirement in Chapter 27 of the zoning ordinance, which requires full cut-off fixtures and reduced glare on adjacent properties for outdoor lighting.

#### 3. Renewable Energy

- a) The City of Dunwoody will support renewable energy programs and adopt its use in government operations.
  - (1) The City will invest in a demonstration renewable energy project (such as solar) and use it to educate residents and businesses on Renewable Power.
  - (2) The City will work towards becoming a U.S. Environmental Protection Agency (US EPA) Green Power Partner by purchasing a percentage of power consumed from renewable energy sources.
- b) The City will encourage the Dunwoody community to use renewable energy.
  - (1) The City will continue to support community solar power efforts by utilizing the expedited solar permitting checklist and evaluating additional best management practices (BMPs) to promote and facilitate rooftop solar installation.
  - (2) The City will explore new renewable energy alternatives as they become available in the future.
- 4. Waste Reduction & Recycling

- a) The City of Dunwoody will increase recycling infrastructure, make recycling options available to all residents and businesses, offer education to minimize "wish-cycling", and support and encourage recycling or proper disposal of hardto-recycle items.
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		Trees & Greenspace				Mich	nael Cow		bi She parks	ndelm	an, Na	athan						
Pillar	Goals	Action Items for Each Goal	ARC#	Current: Maintain, Add, Enhance	Timeline: Additions, Enhancements	Parks & Rec	Public Works	Comm Dev	Finance	Econ Dev	Asst City Mgr	Communications	Notes & Action Log	Budgeted Now? Y/N	Funding Change Request (+/-)	Funding Request Approval? Y/N	Staff Supporting Now? Y/N	Support Request (+/-)
	Dunwoody will offer an accessible network of parks and greenspace that encourages recreation in and preservation of natural areas that enhance native ecosystems through awareness, education and experiences.	The city will work to increase park space so that all residents will live within 1/2 mile walking distance to a publicly accessible park.	27	Add	ongoing, long term	X							MC: this goal is aspirational and we do not expect to achieve in the foreseeable future but agree that it is worth working lowards. Every new park or greenspace addition will count as progress. 50, this isn't something that obligates new funding outside of what we have already done but commits adding greenspace as a priority to be considered.	Y, \$10 million	N/A		γ	N/A
Greenspace		The city will develop, adopt and implement a greenspace plan that provides for connectivity of protected greenspace within and among neighborhoods and retail areas.	29	Add	short term	х	х						SPLOST money can cover. MC: this will require a proactive plan to acually create new linkages by acquiring easements. Can be done using existing administrative resources.	Y, \$20,000 for additional maintenance			Y	N/A
		The Parks Department will help maintain the demonstration green roof project at the Dunwoody Nature Center and encourage implementation of other green roof projects where feasible.	30	Maintain	ongoing	х							BW:Responsibility of NC. MC: beyond the nature center, it would be nice to explore other green roofs elsewhere. But, this requires no new funds.	Y, \$15,000 for additional maintenance Y, \$60,000 per	N/A		Υ	N/A
		The city will maintain support for the farmers market.	36	Maintain	ongoing	х							MC: only city responsibility is to provide space at BR. No new funds.	year for additional weekend staff	N/A		Υ	N/A
	Dunwoody will pursue policies and development that protect & enhance the city's tree canopy.	The city will maintain a no net loss of trees policy for government property and post records on the city website that identifies the quantity and location of trees removed and those planted to replace.	28	Maintain	ongoing	х	x	х				x	Arborist should be list holder, work with Communications to post. Need to make it easy for public to see where trees are down and where added. Can be enhanced with existing administrative resources.	Y, \$66,000	N/A		Y	N/A
		The city will maintain its Tree City USA designation by 1) having the city arborist develop a comprehensive tree management program, 2) enforce its tree care ordinance, 3) maintain a community forestry program with an annual budget of at least \$2 per capita, and 4) observe Arbor Day annually with a proclamation and public tree planting.	32	Maintain	ongoing			х					MC: need to increase promotion of native trees. No new funds necessarily, but I think we would some more proactive activities.	Y, \$100,000 for tree planting per year	N/A		Y	N/A
Trees		The city will enforce its parking lot canopy ordinance on all new developments and encourage retrofits of existing lots with standards that result in 50% canopy coverage of impervious parking surfaces by requiring at least one canopy tree for every 8 parking spots.	33	Maintain	short term			х					ordinance needed to change definitions. MC: we would like to see new policies that really make a difference as we have too many parking lots in the city.	Υ	N/A		Y	N/A
		The city will adopt a community forest master plan with a comprehensive analysis of its community forest and implement short- and long-range goals to increase the health and coverage size of the city's forest.	34	Add	short term			х					MC: this should be evaluated as part of the tree ordinance planning. Need to explore alternative to very expensive plans that just sit on a shelf when done, worth evaluating options	N	add (long- term)		N	add (long- term)
		The city will implement a residential tree policy with restrictions and expanded regulations around the cutting of native trees.	N/A	Add	short term			х					MC: we can easily adopt plans that are working in other cities. This should be very popular with the public. Maybe worth engaging a consultant to help draft.	N	add (long- term)		N	add (long- term)
	Dunwoody will support and encourage	The city will vigorously enforce the 75 foot stream buffer zone and limit variances allowed.  The city will maintain its BeeCity USA designation by 1) encouraging native plants and pesticide-free	N/A 38	Maintain Maintain	ongoing			x				×	MC: this shouldn't require any new funds, but will be nice to show where it has been used.  MC: minimal funding.	N/A	N/A		Υ	N/A
	the creation and enhancement of a healthy pollinator habitat.	pollinator habitats, 2) promoting pollinator conservation awareness, 3) observe pollinator week annually with a proclamation and public pollinator garden designation, and 4) supporting the annual Butterfly Festival at the Dunwoody Nature Center.	36	ivialitalii	oligoliig			^				Î	W.C. Hilling Grange	Y	N/A		Υ	N/A
Pollinator Protection		The city will maintain support for the Community Garden & Orchard at Brook Run Park and encourage other neighborhood associations to create community gardens.	35	Maintain	ongoing	х							MC: no new funding required.	Y, \$20,000 per year for utilities and maintenance	N/A		Υ	N/A
		The city will maintain policies that encourage and do not unreasonably restrict hobby beekeeping within the city.	N/A	Maintain	short term			х					MC: it may be worth adopting an official ordinance to clarify existing administrative policies.	Υ	N/A		Y	N/A
	Dunwoody will encourage preservation of and implement policies to protect undeveloped tracts of land.	The City will utilize brownfield, greyfield, or infill sites for new City facilities.	65, 66, 67	Maintain	long term						х		MC: not sure how much opportunity there is for this, but we should get credit for past actions.	N/A, no ongoing opportunities	N/A		N/A, no ongoing opportunities	N/A
Land Use		The City will develop incentives for developers to revitalize and reuse buildings and encourage redevopment of greyfield and brownfield sites.  The city will maintain and evaluate expansion of incentives that support smart growth (ex. redevelopment	70 69	New Maintain	short term ongoing			x					MC: need to determine if a new ordinance is required, likely no. Comm Dev: to evaluate for the future	N/A	N/A		Υ	N/A
		in downtown areas, grey/brownfield redevelopment, transit-oriented development, mixed-use, infill.)		ivialitalil	ongoing							16		N/A	N/A		Υ	N/A

		Water Quality				Fikr	et Ata		chael Co Pray	wan, N	Michael						
Pillar	Goals	Action Items for Each Goal	ARC#	Current: Maintain, Add, Enhance	Timeline: Additions, Enhancements	Parks & Rec	Public Works	Comm Dev	Finance	Econ Dev	Asst City Mgr	Notes	Budgeted Now? Y/N	Funding Change Request (+/-)	Funding Request Approval? Y/N	Staff Supporting Now? Y/N	Support Request (+/-)
Water Efficient Building Standards	Dunwoody will pursue policies that improve water conservation for all permitted projects and will pursue updates and retrofits where feasible for existing public property.	The city will conduct water audits (indoor and outdoor) of existing local government facilities and implement recommendations -or- engage in performance contracting for water use in government buildings.	19	Add	2021						х	JV: City Hall sinks and toilets replaced thi year; biggest audit issues would be in parks	N/A, audit issue will be done in new construction or replacement for the short term	N/A		N/A	N/A
		The city will require ultra-high efficiency plumbing for new public buildings and assess retrofits for existing public buildings where the long-term benefits outweight the costs.	20	Enhance	2021					:	х	need a cost vs benefit caveat	N/A, will be incorporated into all future construction/r etrofits	N/A		N/A	N/A
		The city will use captured rainwater or reuse water to irrigate landscapes at government facilities.	21	Add	2022	х	х					Sustainability Committee would like to understand where this is supported	Y, \$10,000 per year for supplies and maintenance	N/A		Y	N/A
		The city will adopt local amendments to the Georgia State Minimum Standard Plumbing Code that requires ultra-high efficiency standards for residential bathroom plumbing fixtures.	26	Maintain				х					N/A	N/A		v	N/A
Watershed Protection	Dunwoody will support and encourage the enhancement of a healthy	The city will evaluate and strive to become a Georgia Department of Community Affairs WaterFirst  Community.	22	Add	2022		х	х					N	add (long- term)		N	add (long- term
	watershed.	The city will have a demonstration green infrastructure project.	23	Maintain		х	х	х			x	Many at Nature Center & other parks, plus Cool Roof on City Hall. BW: would add public works. MS: SW MPDES permit requires some green infrastructure (MS4 compliance part of this)	Y, \$10,000 per year for maintenance	N/A		Y	N/A
		The city will comply with Metro Water District Water Resource Management Plan.	24	Enhance	2022		х					MS: required by law, compliance submitted annually to EPD	N/A	N/A		v	N/A
		The City will adopt development regulations to limit excessive parking space requirements and encourage shared parking, joint parking and/or maximum parking restrictions where appropriate.	51	Maintain				х				already do this	Υ	N/A		Υ	N/A
		The city will develop a plan to test and monitor the complete city watershed.	N/A	Enhance	2021		Х					MS: testing today done for permit compliance on impaired streams	not completely	\$3,000		Υ	N/A
		The city will reduce the size of street lanes to reduce asphalt on roads where feasible.	N/A	Add	2022		х	х				MS: development code specified lane width. Do we even need this?	N/A	N/A		N	add (long- term
		The city will adopt policies to reduce impervious surfaces and eliminate diversion of streams to culverts.	N/A	Add	2022			х				Don't allow anyone to develop in stream buffers variance; greenspace - include education as well as other options for driveway. MS: State and federal agencies regulate this now.	N/A	N/A		N	add (long- term
Communication	Dunwoody will provide transparency in our Water Quality metrics as well as build	The city will implement a local water education and public awareness program.	25	Maintain			х			1	х		N/A	N/A		Y	N/A
s & Outreach	further community support and awareness of our watershed quality.	The city will publish timely test results on the Dunwoody website in a consumer friendly manner.	N/A	Enhance	2021		х					existing reports: public works/stormwater/impaired waters plan		N/A		Υ	N/A

		Transportation & Air Quality		•		Fikre	t Atala	ay, Jasoi	n Meta	zger, N	ichael Pra	,					
Pillar	Goals	Action Items for Each Goal	ARC#	Current: Maintain, Add, Enhance	Timeline: Additions, Enhancements	Parks & Rec	Public Works	Comm Dev	Finance	Econ Dev	Asst City Mgr	Comments	Budgeted Now? Y/N	Funding Change Request (+/-)	Funding Request Approval? Y/N	Staff Supporting Now? Y/N	Support Request (+/-)
Multi-Modal Transportation	Dunwoody will continue to increase its profile as a walkable and bicycle-friendly	The City will comply with its Complete Streets Policy in all road projects, including road paving projects.	44	Maintain			х	х				Needs more specifics like road widths & safety of all users. Need policy posted.	N/A	N/A		Y	N/A
	community.	The City will install and maintain bicycle racks at all parks and community facilities owned or operated by the City as specified in its Bicycle Parking Policy, and encourage private businesses to add bicycle parking facilities as well.	47	Maintain		х					x	Sustainability Committee would like to know if this can be used for other items?	Y, \$20,000 per year for supplies and install			Y	N/A
		The City will continue to add sidewalks and enhance pedestrian crossing facilities along main corridors and with emphasis on walking routes to schools.		Maintain			х	х				MW: map of priotized sidewalk list is on the website	N/A	N/A		Υ	N/A
		The City will work to build a network of high-quality bicycle facilities (e.g. trails, protected bike lanes, etc.) along main corridors.		Enhance		х		х					N	add (long- term)		N	add (long- term)
		The City will strive to become, and maintain, a Bicycle Friendly Community at the Bronze level or higher.	49	Enhance	2022		Х	Х				CD would be admin responsible for collecting documentation annually.	N	add (long- term)		N	add (long- term)
		The City will strive to become, and maintain, a Walk Friendly Community at the Bronze level or higher.	50	Add			Х	х				CD would be admin responsible for collecting documentation annually.	N N/A, police	add (long- term)		N	add (long- term)
Air Quality	Dunwoody will pursue policies to limit fossil fuel vehicle emisions.	The City will require that low emission standards be among the top purchasing criteria evaluated when acquiring all city owned vehicles and require the same for contractor purchased vehicles routinely used to perform city functions.	40	Enhance					Х		x	JV: testing out new hybrid	still testing hybrid	N/A		Y	N/A
		The City will implement policies to ensure adherence to its No Idling Policy that require turning off vehicles when stopped for more than 30 seconds except as noted in the policy for all city owned and contractor vehicles used for city business.	41	Maintain		х	х	х			х	Hard to monitor. Police exempt.	N/A	N/A		Y	N/A
		The City will encourage each public school's PTO or volunteer organization to actively implement/support a Safe Routes To School program to promote safe walking and bicycling to school, to support bus use and carpools, and to raise awareness of no idle policies in carpool lines and parking areas.	46	Add	2022			x			)	Would need one staff member maintaining list of PTO contacts and annually accumulating list of work they do. To provide true support / cordination council will need to make sure tha resouce is required.		N/A			add (long- term)
		The City will continue to improve traffic signal synchronization to ease congestion and reduce idling times.	45	Maintain			х						N/A	N/A		Y	N/A
		The City will strive to maintain and increase electric vehicle charging stations at publicly accessible parking lots throughout the city.	52	Enhance				х				Use of incentives.	Υ	add (long- term)		Υ	N/A
Connectivity	Dunwoody will maintain and expand, where feasible, a comprehensive sidewalk and trail network connecting green spaces, neighborhoods,	The City will pursue policies and actions that lead to a connected network of multi-purpose trails within the city that allow residents and visitors to easily walk or ride a bike to park, community gathering places, and retail centers by working with new developments to provide connections from and through their properties and with existing landowners to allow them to open up new connections.	48, 44, 49, 50	Maintain		х	х	х				MW: estimate \$1M/mile	Y	add (long- term)		Y	add (long- term)
	community gathering places & retail centers within the city and region.	In instances where multi-purpose trails are not appropriate, the City will pursue policies and actions to connect neighborhoods via pedestrian trails, to include identifying existing/potential pedestrian connections and collaborating with local residents to formalize agreements.	48, 50	Add		х		х					N/A	N/A		Υ	add (long- term)
		The City will pursue policies and actions that eventually lead to the connection of our multi-purpose trail network with those from our neighboring cities.	48	Maintain	2000	X		Х					N/A Y, \$100,000	N/A		Υ	add (long- term)
		The City will maintain/update trail, pedestrian connection, and bicycle facility maps and incorporate way- finding signage on trails and at appropriate community locations.	49, 50	Enhance	2022	Х	X	Х					for new trail	N/A		v	N/A

		Resource Efficiency				Fikr	et Ata	lay, Ro	n Davis	s, Jason	Metzg	er						
Pillar	Goals	Action Items for Each Goal	ARC#	Current: Maintain, Add, Enhance	Timeline: Additions, Enhancements	Parks & Rec	Public Works	Comm Dev	Finance	Econ Dev	Asst City Mgr	Communications	Comments	Budgeted Now? Y/N	Funding Change Request (+/-)	Funding Request Approval? Y/N	Staff Supporting Now? Y/N	Support Request (+/-)
	Invest wisely in energy efficient buildings that improve occupancy health and well-being while reducing cost of operations and impact on the environment.	The City will follow its Green Building Policy by implementing LEED guidelines in the design and build of new city buildings and Department Heads will investigate and consider LEED guidelines as part of the process for all new or renovation projects.	1	Maintain				х			х		Dept heads will investigate and consider LEED guidelines as part of the process for all new or renovation projects	N/A	N/A		N/A	N/A
Green Buildings		The City will ensure new buildings owned by the City are certified ENERGY STAR or EarthCraft Light Commercial (e.g. Southface), and operations follow LEED guidelines for its Green Building Policy. Renovations of existing City buildings will be ENERGY STAR certified or follow LEED guidelines per the	3	Maintain Maintain				x			x			N/A	N/A		N/A	N/A
	invest in Green Building technology.	Green Building Policy.  Offer education, suggestions and incentives for green building certifications and improvements, as may be required by Community Development (LEED, EarthCraft, ENERGY STAR or other green certifications) such as expediting review processes and evaluating additional incentives.	5	Maintain				х				х		N/A N/A	N/A		N/A	N/A
	The City of Dunwoody will audit operations periodically and invest in more efficient equipment where a	The City will initiate a process to engage in energy benchmarking to determine how the City's buildings perform relative to their peers in terms of building size, type, occupancy, and climate.	8	Add	2022			х	х		х		ENERGY STAR Partner, agrees to 1) measure, track, and benchmark energy performance, 2), 3)	N	add (long- term)		Y, but not feasible in short term	Y, when bandwidth allows
	including the procurement and installation of high efficiency products as	The City will create, and apply a schedule to conduct energy audits/retro-commissioning of appropriate city facilities and implement recommendations.	7	Enhance	2021			X	х		х		Level 1 Audits and offered all buildings for free.	N/A, working on RFI development			Y, dependent on RFI	add (long- term)
	infrastructure and consumables are replaced.	The City will become an ENERGY STAR Partner by implementing Dunwoody's "Energy Strategy for the Future" on the Sustainability webpage.	8	Add Maintain	2022			x	x		X		Half of Green Communities are ENERGY STAR Partners - so it's doable. 5 pts	N Y, always a	add (long- term)		Y, but not feasible in short term Y, always a	bandwidth allows
		The City will purchase ENERGY STAR rated equipment and appliances for use in local government facilities when practical based upon consideration of Life Cycle Costs in accordance with its Purchasing Policy.  The City will require the replacement of energy inefficient light bulbs with more energy efficient light-	9	Maintain		Х		×	X		x		JV: normal operating is to replace as	factor when appropriate Y, \$10,000	N/A		factor when appropriate	N/A
Energy Efficiency		emitting diode (LED) light bulbs in all public buildings.	11	Maintain		^					x		old ones die  all automatic, no need for training?	for maintenance N/A, most	N/A		Υ	N/A
		The City will apply its Lights Off / Power Down Policy by training and encouraging employees to comply.  The City will continue to have and highlight the City Hall cool roof.	12	Maintain							X	v		lights automatic	N/A N/A		N/A	N/A N/A
	residential and business community to be energy efficient.	The City will offer community education that encourages replacement of energy inefficient light bulbs with more energy efficient light-emitting glode (LED) light bulbs.  The City will offer community education that highlights other energy efficient technologies such as smart	13	Enhance Enhance	TBD 2022							х	ARC: Have a program that encourages (LED) light bulbs. Fikret Atalay can lead. We could	N/A	N/A		N	add (long- term)
		thermostats, air sealing, high-efficiency hot water heaters and high-efficiency heat pumps, as well as energy benchmarking and retro-commissioning of existing commercial buildings.	1	Emance	2022							^	partner with Georgia Power at their education center and have them	N/A	N/A		N	add (long- term)
		The City will continue to manage an active inspection program for residential and commercial construction projects to enforce Georgia's energy codes.  The City will enforce the requirement in Chapter 27 of the zoning ordinance, which requires full cut-off	14 15	Maintain Maintain				x						Υ	N/A		Υ	N/A
	The City of Dunwoody will support renewable energy programs and adopt	fixtures and reduced glare on adjacent properties for outdoor lighting.  The City will invest in a demonstration renewable energy project (such as solar) and use it to educate residents and businesses on Renewable Power.	16	Add	2022			х			х		Solar must be at a min. 5 KW - GoGreenSolar 5KW: \$10K + \$5K install				Υ	N/A
Renewable Energy		The City will work towards becoming a U.S. Environmental Protection Agency (US EPA) Green Power Partner by purchasing a percentage of power consumed from renewable energy sources.	17	Add	2022						х		This is purely budgetary and could be accomplished, if finacially favorable	development N/A, working on RFI			N/A N/A	N/A
	The City will encourage the Dunwoody community to use renewable energy.	The City will continue to support community solar power efforts by utilizing the expedited solar permitting checklist and evaluating additional best management practices (BMPs) to promote and facilitate rooftop solar installation.	18	Maintain				х						development N/A	N/A		v v	N/A

L	The City of Dunwoody will increase	The City will procure Environmentally Preferable Goods and Services in accordance with its Purchasing	53	Maintain					x				
	recycling infrastructure, make recycling	Policy.	33	ivialitalii			^	·	_ ^		N/A, ongoing N/A	N/A	N/A
	options available to all residents and	The City will develop and implement a recycling program for traditional recycling materials at government	54	Maintain	х				х	Recycling issues all around.			
	businesses, offer education to minimize	facilities, including containers for collection of recycling and trash in parks and appropriate right-of-ways.								Sustainability Committee would like to			
	"wish-cycling," and support and									know more about what the money is	\$10,000 for		
	encourage recycling or proper disposal of									being spent on	supplies N/A	Υ	N/A
	hard-to-recycle items.	The City will purchase recycled paper with at least 30 percent recycled content in accordance with its	56	Maintain			×	:	х		N/A, more		
		Purchasing Policy.									school action		
											than city		
						$\rightarrow$		_	$\vdash$		action N/A	N/A	N/A
		The City will support curbside recycling for all residents through contracts with DeKalb County or an	57	Maintain			Х		х				add (long-
		alternate vendor. Further, the City will develop an ordinance requiring multi-family residential units to									N/A, ongoing N/A	N.	term)
		offer recycling capabilities similar to DeKalb's residential recycling program.	N/A	Add		-	x	_	x	This could be explored with Dekalb	N/A, more	IN	termij
		The City will work with local schools to institutionalize recycling programs and associated educational efforts.	N/A	Add			^		^	Santization.	school action		
		enorts.								Santization.	than city		
Waste											action N/A	N/A	N/A
Reduction &		The City will support DeKalb County glass recycling for all residents by providing space for drop off	58	Maintain	х				x				
Recycling		locations in city parks or other City property.									N/A, ongoing N/A	N/A	N/A
		The City will support the availability of recycling services for commercial businesses through DeKalb	59	Maintain			х						
		County operations or solid waste contracts.									N/A N/A	N/A	N/A
		The City will offer regular events for electronics recycling with education to reduce waste, and will	60	Maintain			х						
		evaluate donor fees as a potential cost reduction.									Y N/A	Υ	N/A
		The City will offer regular events for properly disposing of household hazardous waste with education to	61	Maintain			х						
		reduce waste, and will evaluate donor fees as a potential cost reduction.			_	-		_			Y N/A	Y	N/A
		The City will support organics and yard debris collection in single family residential neighborhoods through	62	Maintain			х		х				N/A
		contracts with DeKalb County or an alternate vendor.				-					N/A, ongoing N/A	N/A	N/A
	The City will routinely offer education on	The City will partner with the Dunwoody Nature Center, or others, to provide a 'How To' program for residential and commercial composting.	64	Maintain	Х		Х		Х		N/A N/A	N/A	N/A
	waste reduction and recycling to its citizens, businesses, and staff members.	The City will enhance the local recycling and public awareness program using City communications and	64	Maintain	V	-	x	_	x		IN/A IN/A	14/1	13/6
	citizens, pusinesses, and stall members.	recycling events, including waste reduction initiatives.	04	iviaii1tälfi	^		^		^		y N/A	Y	N/A
		The City will formalize and enforce recycling requirements at public events and evaluate tools to	77	Add	×	-	x		x	BW: no enforcement staff. A big issue	1. 1.7/		1.4
		encourage waste minimization and composting at those events.	''	,,,,,,	^		^		^	that would need a lot more thought.			
		encourage music minimization and composting at mose events.								Possibly doable if DeKalb would allow	add (long-		add (long-
										bagged recycling.	N term)	N	term)

		Education, Outreach, and Wellness		•		Ro	on Davi		Shendel	man, N	athan						
Pillar	Goals	Action items for Each Goal	ARC#	Current: Maintain, Add, Enhance	Timeline: Additions, Enhancements	Parks & Rec	Public Works	Comm Dev	Finance	Econ Dev	Communications	Comments	Budgeted Now? Y/N	Funding Change Request (+/-)	Funding Request Approval ? Y/N	Staff Supportin g Now? Y/N	Support Request (+/-)
	Durnwoody staff and volunteers will understand the Sustainability measures in place and will strive to fully implement those Plans and Policies.	The City will establish a training program for staff and new hires (including contractors) to educate them on their roles in Intiffing the goals of the Sustrainability Plan with an enview of relevant Policies and Procedures. The establing shall be conducted within Sold yet for row hires and annually for all staff. Mayor and Council members shall be notified of annual training and encouraged to attend.	71	Enhance				х		)	×		N/A	N/A		Y	N/A
		The City will develop a sustainability consideration checklist for routing during review of event and permitting projects to ensure that policies are followed (ex. Public event recycling).	77	Enhance		х		х					N/A	N/A		Y	N/A
		The City will adopt this Sustainability Plan and implement a new Short-Term Workplan that compels department heads to update annual compilance in writing and to present compilance efforts to the Sustainability Committee annually. The Sustainability Committee will be compelled to present a status report on the overall plan to the City Council annually.	74	Enhance				х		,			N/A	N/A		Y	N/A
	Dunwoody will be recognized for its leadership in sustainability programs and initiatives.	The City will publicize sustainability accomplishments of staff, committee, and others through City publications and official communication outlets. This will include the ARC Green Communities Program and status achieved.	73	Maintain				х			х		N/A	N/A		Y	N/A
		The City will recognize a Sustainability Hero or Heroes annually.	77	Maintain				х			х	re-tool?	Y, \$1,000 for trophies and advertising	N/A		Y	N/A
Education, Outreach, and		The City will work to develop a dashboard to keep track and highlight its progress towards becoming more sustainable and energy efficient.	72	Add				х			х		N/A	N/A		Y	add (long- term)
Wellness	In order that Dunwoody residents and businesses know the City's sustainability initiatives and are fully	The City and its partners will develop and implement educational campaigns about green community measures, including a speaker's series and hands-on training for residents and businesses.	73, 76	Enhance				х			х	Doesn't mean investment in whole new programs	N/A	N/A		N	add (long- term)
	engaged in adopting more sustainable behaviors and practices,	The City and its partners will develop and implement a program to engage the community's youth around the environment and community sustainability.	75	Enhance				х			х		N/A	N/A		N	add (long- term)
		Develop and implement an outreach program to engage the business community around the benefits of adopting a sustainability ethic and collaborate on sustainability issues.	76	Add				х		x	х		N/A	N/A		N	add (long- term)
		The City will develop and implement educational campaigns about road safety, rights/laws regarding Vulnerable Road Users, sustainable vehicle utilization, multi-modal transportation options, energy efficiency, and bicycle and pedestrian friendly policies.	73	Enhance			х				х		Y, \$1,000 for advertising	N/A		Y	N/A
	The Wellness of all Dunwoody citizens is important, and Dunwoody will facilitate, support and promote healthy activities for its residents.	Danwood ywill provide access to an ed education to support youth with physical firees, healthiful nutrition, and mental well- boring regorant. This like it does by promoting and pusporting community organizations that provide athletics, arts and nature programming, including the Deltaib County Ubrary, Schools and Department of Health.	N/A	Add		х							Y, \$5,000 for instructiona I material and supplies	N/A		Y	N/A
		Dunwoody will provide access to education to support adult and aging populations with physical fitness, healthful nutrition, and mental well-being programs. This will be done by promoting and supporting community organizations that provide arts, wellness and nature programming, including the DeKallo County Utrany and Department of Health.	N/A	Add		х							N	add (long- term)		N	add (long- term)