

***Certification Application for Douglas County
July 2009***

Green Building

Points: 5

5.) Community Green Building Incentives

Offer incentives for green building certifications (LEED, EarthCraft, Energy Star) such as expedited planning development review process, offering reductions/waivers of development fees or other methods of encouraging green building.

DESCRIPTION OF MEASURE

The local government has an ordinance or policy that offers incentives for builders to seek green building certifications like LEED, EarthCraft, and Energy Star. These incentives can be an expedited review process, reduced or waived development fees, density bonuses, or other incentives.

DOCUMENTATION REQUIRED FOR CREDIT

- X - A copy of the official ordinance or policy with date of adoption
- X - Documentation on how the incentive will be implemented

Douglas County is currently working with the West Georgia Home Builders Association to develop mandatory code requirements that, at a minimum, will develop Earthcraft certified houses within Douglas County. We are in the early stages of developing these code changes, however, we have two (2) of these homes underway in the Whitestone development. Once these houses are completed we have a better understanding of the process, we plan to propose the aforementioned code changes to the Board of Commissioners for approval.

Energy Efficiency

Points: 10

7.) Government Energy Audits

Conduct energy audits of local government facilities and implement recommendations -or- Engage in performance contracting for energy in government buildings.

DESCRIPTION OF MEASURE

The local government has a plan to improve energy efficiency in its buildings by performing energy audits and/or engaging in performance contracting in buildings owned by the local government. To receive credit for this measure, at least 20% of the local government's buildings must have been audited and/or under a performance contract for energy efficiency when documents are submitted for Green Communities Certification. Additionally, a plan must exist that ensures all existing buildings will be audited or under a performance contract within two years.

DOCUMENTATION REQUIRED FOR CREDIT

- ✓ A copy of the implementation plan for auditing or having under a performance contract local government buildings
- ✓ A list of the existing local government owned buildings
- ✓ Documentation of each building audited
- X A copy of the performance management contract for each building under performance contract

The Douglas County Department of Property Management is responsible for the maintenance and upkeep of all of Douglas County's buildings except the Douglas County Courthouse. They also have recently begun a program for the purpose of auditing the energy usage of all Douglas County owned buildings/property and all have been audited to date.

CB Richard Ellis, Inc. is responsible for the Property Management of the Douglas County Courthouse. All light fixtures have fluorescent or LED lighting since they use less power as compared to incandescent lighting. Also, we recently applied for the Energy Star status. As per attached report, the courthouse received an Energy Star rating of 87.

Energy Efficiency

Points: 5

9.) Government Energy Star Purchase Policy

Adopt a policy to purchase at least Energy Star rated equipment and appliances.

DESCRIPTION OF MEASURE

The local government has an ordinance or policy to only purchase at least Energy Star rated equipment and appliances for use in any local government facility.

DOCUMENTATION REQUIRED FOR CREDIT

- ✓ A copy of the ordinance or policy with date of adoption

As per Green Communities Ordinance, EnergyStar rated appliances and equipment.

Each user department shall purchase EnergyStar rated appliances and equipment subject to the following exceptions:

- 1. The user department documents that the designated EnergyStar product is not cost-effective over the life of the product taking energy cost savings into account (e.g. life cycle costs); or*
- 2. The user department documents that no EnergyStar product is reasonably available that meets the functional requirements of the department.*

Energy Efficiency

Points: 5

10). Government LED Traffic Lights

Install LED lamps in traffic lights.

DESCRIPTION OF MEASURE

There is an established plan to retrofit all existing traffic signals, including school signals, with LED lamps within the regular schedule of lamp replacement. At a minimum, 25% of the existing traffic lights in the jurisdiction must have LED lighting when documents are submitted for Green Communities Certification.

DOCUMENTATION REQUIRED FOR CREDIT

- ✓ A copy of the policy to install only LED lamps in traffic signals with date of adoption
- ✓ A copy of the plan to retrofit existing traffic signals with LED lamps within 2 years
- ✓ An estimate of the number of signals retrofitted and the number to be retrofitted

See attachments.

Energy Efficiency

Points: 5

11.) Government “Lights Out/Power Down” Policy

Have a “lights out/power down” policy, “lights out and electronics off when not in use” policy, and/or use building/office occupancy and day-lighting sensors.

DESCRIPTION OF MEASURE

The local government has an ordinance or policy to reduce energy use in its buildings for lighting and electronics when not in use. This may include adopting building management policies that require turning off all nonemergency lighting and electronics after hours; educating employees on turning off lighting and electronics when not in use and at night; and/or requiring the installation of occupancy sensors or day-lighting sensors in government facilities. Occupancy sensors are electronic control units that use motion detection to turn lights on and off. Day-lighting sensors or photosensors are electronic control units that automatically adjust the output level of electric lights based on the amount of light detected.

DOCUMENTATION REQUIRED FOR CREDIT

- ✓ A copy of the local government policy or ordinance with date of adoption

It is the policy of Douglas County to turn non-emergency lights out and power down electronic equipment at the end of each work day. Therefore, all employees and building maintenance staff shall be required to turn off lights and all other non-essential electronic equipment when space within any city building is expected to be out of use for four or more hours.

Also, Douglas County has installed occupancy light sensors in all restrooms in the courthouse and the sensors automatically turn lights off when motion has not been detected in over 10 minutes.

Energy Efficiency

Points: 10

13.) Community Energy Codes

Establish a program to enforce Georgia's energy codes.

DESCRIPTION OF MEASURE

The local government has a program with procedures to enforce Georgia's energy codes in residential and commercial construction. Georgia's energy codes are the eight mandatory construction codes from the 2006 Edition: International Building Code, International Fuel Gas Code, International Mechanical code, International Plumbing Code, National Electrical Code (2008 Edition), International Fire Code, International Energy Conservation Code, and International Residential Code (residential only). These codes are adopted and amended by Department of Community Affairs (DCA) and are known as the International Energy Conservation Code. Enforcement is defined as the active inspection of constructed properties to ensure each of the eight codes is followed during the construction process. A REScheck report conducted by the local government or a Home Energy Rating Systems (HERS) Rater, a professional certified to do home energy ratings, for air sealing and insulation would suffice as inspection for residential properties. A COMcheck report conducted by the local government for air sealing and insulation would suffice as inspection for commercial properties.

DOCUMENTATION REQUIRED FOR CREDIT

- ✓ A copy of the policy stating the local government will enforce the most recent version of the International Energy Conservation Code as adopted and amended by DCA
- ✓ A copy of the documents used by the inspector to ensure the energy codes are followed

Douglas County has a program that enforces Georgia's eight mandatory energy codes from the 2006 Edition. All insulation is required to be completed, inspected and approved and the energy code compliance work sheet is required to be posted on-site.

Green Power

Points: 5

18.) Community Remove Barriers to Onsite Renewable Energy

Remove regulatory barriers that prohibit/discourage onsite renewable energy technologies, such as solar panels.

DESCRIPTION OF MEASURE

The local government has a policy or ordinance that prevents homeowners associations and local agencies from impeding the installation of onsite renewable energy technologies.

DOCUMENTATION REQUIRED FOR CREDIT

√ - A copy of the policy or ordinance with date of adoption

X - A copy of previous policies or barriers that prohibited onsite renewable energy technologies, if applicable

Please find attached Chapter 26 of the International Residential Code allowing renewable energy technologies.

***Water Use Reduction and Efficiency* Points: 10**

19.) Government Water Audits

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.

DESCRIPTION OF MEASURE

The local government has a plan to improve indoor and outdoor water efficiency at its facilities by performing water audits and/or engaging in performance contracting for buildings owned by the local government. To receive credit for this measure, at least 20% of the local government's buildings must be audited and/or under a performance contract for water efficiency when documents are submitted for Green Communities Certification. Additionally, a plan must exist that ensures all existing buildings will be audited or under a performance contract within two years.

DOCUMENTATION REQUIRED FOR CREDIT

- ✓ A copy of the implementation plan for auditing or having under a performance contract local government buildings
- ✓ A list of the existing local government owned buildings
- ✓ Documentation of each building audited
- X A copy of the performance management contract for each building under performance contract

The Douglas County Department of Property Management is responsible for the maintenance and upkeep of all of Douglas County's buildings. They also have recently begun a program for the purpose of auditing the water usage of all Douglas County owned buildings/property. To date water usage has been documented for 2007 and we are in the process of completing 2008 and 2009 to date. Also, upgrades to low-flow fixtures have been made to all non low-flow fixtures in 100% of the buildings owned by Douglas County.

***Water Use Reduction and Efficiency* Points: 5**

20.) Government High Efficiency Plumbing Fixtures

Require all new government buildings to have high efficiency plumbing fixtures that meet the following standards: toilets (1.28 gpf or less), urinals (0.5 gpf or less) and faucets (1.5 gpm or less).

DESCRIPTION OF MEASURE

The local government has a policy to only install high efficiency toilets (1.28 gpf or less), urinals (0.5 gpf or less) and high-efficiency faucets (1.5 gpm or less) in all new buildings constructed or owned by the local government. The policy may also specify that these fixtures must have the WaterSense labeled.

DOCUMENTATION REQUIRED FOR CREDIT

- ✓ A copy of the policy with date of adoption

As per Green Communities Ordinance, **High Efficiency Fixtures** such as WaterSense certified toilets, urinals and faucets shall be used in all new public building installations.

Water Use Reduction and Efficiency **Points: 5**

21.) Government Rainwater or Reuse Water

Use captured rainwater or reuse water to irrigate landscapes at government facilities.

DESCRIPTION OF MEASURE

The local government uses rainwater or reuse water for irrigation instead of potable water at one or more local government facilities. The project must be permanent and decrease existing potable water use at the site.

DOCUMENTATION REQUIRED FOR CREDIT

- ✓ A copy of the design plan showing the non-potable water sources and sites for irrigation
- ✓ A site visit that includes an educational tour

Douglas County is in the process of designing a new 20,000 sq. ft. E-911 building. We will be installing two (2) 20,000 gallon storage tanks on-site for the storage of rainwater which will be used to flush toilets and for irrigating the site. The project is expected to be completed during the later part of 2010.

Also, at Boundary Waters, Douglas County's state of the art sports complex, a pond was constructed for the purpose of storing stormwater runoff with a 350 gpm pump that supplies all of the irrigation for the site.

***Water Use Reduction and Efficiency* Points: 5**

22.) Government DCA Water First Community

Become a DCA Water First Community.

DESCRIPTION OF MEASURE

The local government is a WaterFirst Community. WaterFirst is a voluntary community partnership between local governments and the Georgia Department of Community Affairs (DCA) that is aimed at improving the efficiency of water use and protection of water. To become a Water First Community, a local government must exceed current requirements in eight categories: Watershed Assessment, Stormwater Master Planning, Water Supply Planning, Water Supply Protection, Water Conservation, Wastewater Treatment Systems and Management, Residual Biosolids, and Water Reclamation and Reuse.

DOCUMENTATION REQUIRED FOR CREDIT

- ✓ A copy of the current WaterFirst Community designation for the jurisdiction

The Douglasville/Douglas County Water and Sewer Authority received its designation as a WaterFirst Community on February 4, 2009 as per attached documentation.

Sonny Perdue
Governor


Georgia™
Department of
Community Affairs

Mike Beatty
Commissioner

February 4, 2009

Peter J. Frost
Executive Director
Douglasville-Douglas County
Water and Sewer Authority
P.O. Box 1157
Douglasville, Georgia 30133

Dear Mr. Frost:

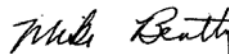
On behalf of the Department of Community Affairs, I would like to congratulate Douglasville/Douglas County Water and Sewer Authority (WSA) on its designation as a WaterFirst Community. I ask that you please withhold from making this announcement in your community as I would like to arrange a press conference to be held in Douglasville so that I might present you with the official designation and recognize those who have worked so hard to gain this recognition. We also have to finalize the Memorandum of Understanding that will be signed as part of the designation ceremony.

As a WaterFirst designee, the Water First Reviewers noted that Douglasville/Douglas County WSA had achieved numerous accomplishments including: the recent construction of an impressive new wastewater treatment plant, an extensive educational program reaching all segments of the population, strong zoning and land-use regulations protecting your watershed, and an impressive stormwater management program.

I commend you on your efforts thus far and will look forward to watching the community continue to be a leader in water-related innovations and education. As a part of the WaterFirst team Douglasville/Douglas County WSA will serve as an outstanding example for other communities across the state. As a WaterFirst Community we are counting on you to share the lessons you have learned with others who are working to improve their water stewardship practices.

I will look forward to seeing you at the designation ceremony. If you have any questions, please contact Deatre Denion at (912) 704-4136 or via email at deatre.denion@dca.ga.gov.

Sincerely,



Mike Beatty
Commissioner

cc: DCA Region Representative
Kimberly King, DCA Communications Director
Mayor of City of Douglasville
Chairman of Douglas County



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**MEMORANDUM OF UNDERSTANDING
BETWEEN
THE GEORGIA DEPARTMENT OF COMMUNITY AFFAIRS
AND
DOUGLASVILLE-DOUGLAS COUNTY WATER & SEWER AUTHORITY**

1. PURPOSE

This Memorandum of Understanding (MOU) between the Georgia Department of Community Affairs (hereafter DCA) and Douglasville-Douglas County Water and Sewer Authority (hereafter WSA) is designed to formalize the WaterFirst Community Program Designation that has been granted to the WSA for being an environmental steward. This MOU delineates responsibilities and conditions pertaining to the benefits and responsibilities of being a WaterFirst Community.

2. BACKGROUND

The WaterFirst Community Program is a voluntary partnership between local governments, state agencies, and other organizations working together to enhance the quality of life through the wise management and protection of water resources.

3. INTENT

It is DCA's goal to provide assistance to local communities that wish to manage their water resources wisely and to acknowledge and reward those communities that are pursuing environmental excellence beyond what is required by law.

4. FINANCIAL

There are no application or membership fees associated with being a WaterFirst Designated Community.

5. DCA's RESPONSIBILITIES

- A. Provide resources, tools and support to help meet water management goals
- B. Provide State-wide recognition for being environmental stewards including but not limited to being listing on DCA's:
 - 1. Website;
 - 2. WaterFirst Outreach Flier;
 - 3. WaterFirst Presentations;
 - 4. Press announcement and periodic releases; and
 - 5. Case studies.
- C. Provide two road signs and authorization to use the WaterFirst trademarked logo.
- D. Annual eligibility to apply for DCA Community Block Development Grants for water related projects.
- E. Host special "issue retreats/workshops" addressing critical water stewardship issues.
- F. Work with federal and state agencies to maintain and identify and solicit additional WaterFirst program incentives.

***Water Use Reduction and Efficiency* Points: 5**

23.) Community Water Supply/Conservation Management Plan

Comply with the Metro Water District Water Supply and Water Conservation Management Plan.

DESCRIPTION OF MEASURE

The local jurisdiction is in compliance with the Metro Water District Water Supply and Water Conservation Management Plan as determined by the Georgia Environmental Protection Division (EPD).

DOCUMENTATION REQUIRED FOR CREDIT

- ✓ A copy of the jurisdiction's audit as completed by Georgia EPD

The Douglasville/Douglas County Water and Sewer Authority is in compliance with the Metro Water District Water Supply and Water Conservation Management Plan as per attached letter dated July 19, 2007. (the attachment can be found immediately after # 25.) Community Stormwater Management Plan)

***Water Use Reduction and Efficiency* Points: 5**

24.) Community Wastewater Management Plan

Comply with the Metro Water District Wastewater Management Plan.

DESCRIPTION OF MEASURE

The local jurisdiction is in compliance with the Metro Water District Wastewater Management Plan as determined by the Georgia Environmental Protection Division (EPD).

DOCUMENTATION REQUIRED FOR CREDIT

- ✓ A copy of the jurisdiction's audit as completed by Georgia EPD

The Douglasville/Douglas County Water and Sewer Authority is in compliance with the Metro Water District Water Wastewater Management Plan as per attached letter dated July 19, 2007. (the attachment can be found immediately after # 25.) Community Stormwater Management Plan)

***Water Use Reduction and Efficiency* Points: 5**

25.) Community Stormwater Management Plan

Comply with the Metro Water District Stormwater Management Plan.

DESCRIPTION OF MEASURE

The local jurisdiction is in compliance with the Metro Water District Stormwater Management Plan as determined by the Georgia Environmental Protection Division (EPD).

DOCUMENTATION REQUIRED FOR CREDIT

- ✓ A copy of the jurisdiction's audit as completed by Georgia EPD

The Douglasville/Douglas County Water and Sewer Authority is in compliance with the Metro Water District Stormwater Management Plan as per attached letter dated July 19, 2007.

Georgia Department of Natural Resources

Environmental Protection Division, Watershed Protection Branch
4220 International Parkway, Suite 101, Atlanta, Georgia 30354
404/675-6232
Reply to: GEFA Implementation Unit
Phone: 404/675-6233; Fax 404/675-6246

July 19, 2007

Mr. Keith Higgs, Operations Manager
Douglasville-Douglas County WSA
P.O. Box 1157

Representatives of the Environmental Protection Division (EPD) conducted an audit of the Douglasville-Douglas County WSA on June 14, 2007 to determine compliance with the Metropolitan North Georgia Water Planning District's (District) Watershed Management Plan, Long-Term Wastewater Management Plan, and Water Supply and Water Conservation Plan. At that time objective evidence was provided to EPD staff that Douglasville-Douglas County WSA was complying with all items except B.1.1.b., C.1.2, C.1.6, and C.7.3. During the audit, you provided documentation that these items were on a schedule to be completed in the near future. Please continue on that schedule concerning implementation of these items. We may review your compliance status again in the near future, to see that you are meeting the schedule you have developed.

Based on EPD staff recommendations, and as allowed in O.C.G.A. 12-5-582(e)(3), O.C.G.A. 12-5-583(e)(3), and O.C.G.A. 12-5-584(d)(3), I hereby certify that the Douglasville-Douglas County WSA is making a good faith effort to comply with the District Plans.

We look forward to working with the Douglasville-Douglas County WSA in all your water related endeavors.

Sincerely,



Carol A. Couch, Ph.D.
Director

cc: Ernest U. Earn
David Bullard

Trees and Greenspace

Points: 10

27.) Government Greenspace Benchmarks

Meet at least one of the following benchmarks for greenspace (1) have 20 acres per 1,000 residents, (2) percent parkland of total land is 8%, (3) all residents live within ½ mile walking distance to a park.

DESCRIPTION OF MEASURE

The local government has achieved at least one of the benchmarks defined below:

- **Option #1.** The local government has at least 20 acres of greenspace (as defined in Measure #29) for every 1,000 residents. The total number of residents is based on the most current ARC population estimate. The total number of greenspace is based on the most current information available in ARC's Regional Inventory of Parks and Greenspace.
- **Option #2.** The local government has at least 8% of its total land protected for greenspace (as defined in Measure #29). The total number of greenspace is based on the most current information available in ARC's Regional Inventory of Parks and Greenspace.
- **Option #3.** The local government has designated greenspace within at least a ½ mile distance of each resident.

The greenspace must be federally, state, or locally owned and permanently protected.

DOCUMENTATION REQUIRED FOR CREDIT

For Option #1

- ✓ ARC staff calculation of acres of greenspace per 1,000 residents using the most current ARC population estimates for the jurisdiction and the acreage of greenspace in ARC's Regional Inventory of Parks and Greenspace

According to the ARC Regional Inventory of Parks and Greenspace, Douglas County currently has 4195 acres of greenspace protected in the county and according to ARC's 2008 Population and housing Report, our population is 127,800. These numbers yield 32.82 acres of greenspace per 1000 residents.

Trees and Greenspace

Points: 5

29.) Government Greenspace Plan

Develop and adopt a Greenspace plan that provides for connectivity of protected greenspace within and among communities.

DESCRIPTION OF MEASURE

The Greenspace plan must be comprised of natural areas, open spaces and greenways that provide for connectivity. Natural areas are spaces that are undisturbed by humans, sustain wildlife, and provide critical functions to the ecosystem. Open spaces are undeveloped lands that have been disturbed by humans but still provide habitat for species and also offer recreational opportunities and other benefits. Greenways are corridors composed of protected open space used for conservation or recreational purposes.

DOCUMENTATION REQUIRED FOR CREDIT

- ✓ A copy of the adopted Greenspace plan with date of adoption

Douglas County adopted a comprehensive Greenspace plan in November 2000 that incorporates parks, nature preserves and recreational centers. The complete version Greenspace Plan has been included.

***Transportation and Air Quality* Points: 10**

36.) Government Green Fleet Policy

Adopt a green fleet policy that includes purchasing the most fuel efficient and least polluting vehicle that will meet the needs for use of the vehicle (appropriate size and type) and gives preference to the purchase of alternative fuel and/or hybrid fleet vehicles for fleet vehicle replacement.

DESCRIPTION OF MEASURE

The local government has adopted a vehicle purchase policy that favors the purchase of alternative fuel vehicles and/or hybrids. An alternative fuel vehicle is defined as a vehicle that is powered by a fuel that is not petroleum based (i.e. ethanol, biodiesel, electricity, compressed natural gas, etc.).

DOCUMENTATION REQUIRED FOR CREDIT

- ✓ A copy of the green fleet policy with date of adoption

As per Green Communities Ordinance, Douglas County has adopted a **Green Fleet** policy.

Transportation and Air Quality

Points: 5

37.) Government No-Idling Policy

Adopt a no-idling policy for local government vehicles.

DESCRIPTION OF MEASURE

The local government has adopted a policy or ordinance regarding vehicle idling times. The policy restricts the allowed time that municipal vehicles may idle when not directly engaged in the line of duty. The local government has a procedure in place to ensure employees are educated about the policy/ordinance.

DOCUMENTATION REQUIRED FOR CREDIT

- ✓ A copy of the policy or ordinance with date of adoption
- ✓ A description of the procedure to ensure all employees know about the policy

As per Green Communities Ordinance, when using City vehicles, employees should strive to conserve fuel and reduce emissions by avoiding unnecessary idling. Therefore, except in traffic or on routine stops, employees should make every effort to prevent city vehicles from idling in excess of three minutes.

***Transportation and Air Quality* Points: 5**

38.) Government Vehicle Retrofits

Retrofit buses, construction equipment or other applicable government vehicles for pollution control.

DESCRIPTION OF MEASURE

The local government has a plan to retrofit one or more categories of older diesel vehicles for pollution control of particulate matter, nitrogen oxides, or sulfur oxides. Example categories of diesel government vehicles are buses, construction equipment, refuse collection vehicles, emergency rescue vehicles, maintenance fleet vehicles, etc. Examples of retrofit technologies that can be used to reduce particulate matter are diesel oxidation catalysts (DOC), diesel particulate filters (DPF) or closed crankcase ventilation (CCV). Examples of retrofit technologies to reduce nitrogen oxides are exhaust gas recirculation (EGR), selective catalytic reduction (SCR), or lean nitrogen oxide catalysts (LNC). Diesel vehicles can also be retrofitted to use ultra low sulfur fuel (ULSF), which reduces sulfur oxide emissions.

DOCUMENTATION REQUIRED FOR CREDIT

Documentation on the total number of diesel vehicles, the number of diesel vehicles retrofitted to date, and the number of vehicles to be retrofitted

Douglas County currently uses ULSF for all of our diesel vehicles and we also have five (5) CNF rideshare vans.

Transportation and Air Quality

Points: 10

40.) Community Complete Streets

Adopt complete streets policies and/or design standards.

DESCRIPTION OF MEASURE

A local government has adopted a policy or ordinance to require complete streets policies. Complete streets are defined as streets designed and operated to enable safe access for all users; this includes ensuring that pedestrians, bicyclists, motorists *and* bus riders of all ages and abilities are able to safely move along and across a complete street.

DOCUMENTATION REQUIRED FOR CREDIT

- ✓ A copy of the policy or ordinance with date of adoption

See attachments.

Transportation and Air Quality

Points: 5

41.) Community Traffic Signal Synchronization

Work to improve traffic signal synchronization and provide traveler information systems through the Smart Corridors System.

DESCRIPTION OF MEASURE

The local government has implemented a plan to improve traffic signal synchronization and establish Smart Corridor Systems throughout the jurisdiction, where applicable. This plan can be a Intelligent Transportation System Plan, guidelines in the jurisdiction's transportation plan, part of the jurisdiction's public works plan to install, maintain, and synchronize traffic signals, or another document that meets this purpose.

DOCUMENTATION REQUIRED FOR CREDIT

- ✓ A copy of the plan the local government has implemented

See attachments.

Transportation and Air Quality

Points: 5

42.) Community “Safe Routes to School Program”

Implement a “safe routes to school” program to promote walking and bicycling to school.

DESCRIPTION OF MEASURE

The local government has developed a Safe Routes to School Program (SRTS) that they actively promote to the schools in their jurisdiction. According to the Georgia Department of Transportation, a SRTS program is a comprehensive program that includes the 5 Es:

- **EVALUATION** - Monitoring and researching outcomes and trends through the collection of data, including the collection of mode share before and after the program intervention(s)
- **ENCOURAGEMENT** - Using events and activities to promote walking and bicycling
- **EDUCATION** - Teaching the school community about the broad range of transportation choices, instructing them in important life-long safety skills and offering school-bound and school area driver safety campaigns
- **ENGINEERING** - Creating operational and physical improvements to infrastructure surrounding schools that reduce speeds and establishing safer crosswalks, walkways, trails and bikeways
- **ENFORCEMENT** - Partnering with local law enforcement to ensure drivers obey traffic laws, initiating community enforcement (i.e. crossing guard programs) and ensuring policies are enforced

The goal of the measure is to foster a “safe routes to school” program in the local government’s school districts. The local government should try to work with individual schools and/or districts to implement these programs.

DOCUMENTATION REQUIRED FOR CREDIT

- ✓ A description of the SRTS program and how the 5 Es are addressed
- ✓ A list of currently participating schools

See attachments.

Transportation and Air Quality

Points: 5

44.) Community Bike/Pedestrian Plan

Adopt bike and pedestrian friendly policies.

DESCRIPTION OF MEASURE

The local government has adopted bike and pedestrian friendly policies in one or more of the following ways:

- Adoption of a Bike and Pedestrian Plan
- Adoption of design standards in the jurisdiction's transportation plan
- Creation of pedestrian zones with development requirements

DOCUMENTATION REQUIRED FOR CREDIT

- ✓ A copy of the policy, plan, design standards, or other official documentation with date of adoption

See attachments.

Transportation and Air Quality

Points: 5

45.) Community Shared Parking

Amend development regulations to encourage shared parking and/or reduce parking requirements (could adopt a max parking requirement).

DESCRIPTION OF MEASURE

A local government has development regulations that require shared parking, joint parking and/or reduced parking requirements for commercial and retail facilities within its jurisdiction. Shared parking is a parking facility which allows two or more users based on different peak hours; whereas, joint parking is a common parking facility designed for simultaneous use by two or more users. Reduced parking is either a local government has decreased its original minimum parking requirement or they have implemented a maximum parking requirement for facilities.

DOCUMENTATION REQUIRED FOR CREDIT

- ✓ A copy of the parking regulation with date of adoption

Article 6 of the Douglas County Unified Development Code (UDC) specifies parking maximums and includes information on shared parking. The UDC was adopted October 2004 and amended as shown. See attachment.

Please visit the following site for a complete version of Article 6 of the UDC:

http://www.celebratedouglascounty.com/view/global/viewdownload/&docid=1459&file=/06_PARKING.Oct0504.DOC

***Recycling and Waste Reduction* Points: 5**

47.) Government Traditional Recycling Program

Implement a recycling program for traditional recycling materials at local government facilities (including recycling paper, glass, metal containers, and plastics).

DESCRIPTION OF MEASURE

The local government has established and implemented a recycling program at all the local government's facilities to recycle paper, glass, aluminum and/or steel containers, and plastics.

DOCUMENTATION REQUIRED FOR CREDIT

- ✓ Documentation of the recycling program (drop-off places in the building, who the recycling company is, etc.)
- ✓ Verified by a Green Community staff member

Douglas County has established, implemented, and is currently operating a large and diverse recycling program at Solid Waste Management Facility locations. This program accepts "recyclable and reuse" material including scrap metal, small engine equipment, office electronics, used motor oil, lead acid batteries, reusable clothes-toys- appliances, used and scrap tires, aluminum cans, cooking oil, propane tanks, glass bottles and jars, scrap appliances and mixed paper.

Douglas County has agreements in place with the following vendors for recycling services of the following material:

Scrap Metal	-	Self Recycling, Cartersville Ga.
Small Engine Units	-	Oak Tree Motors, Douglasville Ga.
Office Electronics	-	Electronic Recycling Services, Norcross Ga.
Used Motor Oil	-	Classic Oil, Bremen Ga.
Lead Acid Batteries	-	Electronic Recycling Services, Norcross Ga.
Reuse Items	-	Goodwill Industries, Atlanta Ga.
Used and Scrap Tires	-	Harmon Trucking, Bremen Ga.
Aluminum Cans	-	Self Recycling, Cartersville Ga. Pirkle Metal, Atlanta Ga.
Cooking Oil	-	MKI, Waste Oil Services, Atlanta Ga.
Propane Tanks	-	Gas Incorporated, Conyers Ga.
Glass Bottles and Jars	-	Strategic Materials, Atlanta Ga.
Scrap Appliances	-	Self Recycling, Cartersville Ga.
Mixed Paper	-	Pratt Industries, Conyers Ga. SP Recycling, Lawrenceville Ga.

Also, attached is a copy of our paper recycling totals since we began the program in Jan 2009. We provide small blue desk side containers for recyclable paper upon request and it is up to each individual to empty its contents into the central container located in each department located in the Douglas County Courthouse/Administration Building. Douglas County's night

cleaning staff then empties these containers into large rolling containers where they are picked up weekly by American Recycling. We also provide some of the large rolling containers outside the courthouse for employees to drop off their paper recyclables from home. The Douglas County Libraries have a similar process.

As per attachments, we have recycled 15.33, 5.62 and 13.86 tons of paper materials during 2009 at the Douglas County Courthouse, Lithia Springs Library and the Douglas County Library, respectively for a total of 34.81 tons. According to the EPA, each ton of paper recycled saves 17 trees which means that the paper recycling program has saved over 592 trees so far. This also calculates to be approximately 35 tons of trash that would otherwise be carried to our landfill.

***Recycling and Waste Reduction* Points: 5**

48.) Government Nontraditional Recycling Program

Implement a recycling program for non-traditional recycling materials at local government facilities (may include recycling copier toner, ink cartridges, batteries, cell phones, compact florescent lights and electronics).

DESCRIPTION OF MEASURE AND INTENT

The local government has established and implemented a recycling program at all the local government's facilities to recycle at least four of the following items: copier toner, ink cartridges, electronics, batteries, florescent lights, and cell phones.

DOCUMENTATION REQUIRED FOR CREDIT

- ✓ Documentation of the recycling program (drop-off places in the building, who the recycling company is, etc.)
- ✓ A verification visit by a ARC staff member

The Douglas County Courthouse recycles lamps, ballasts, and batteries. In an effort to make recycling at the Douglas County Courthouse as easy as possible, the county's property management contractor, CB Richard Ellis, Inc. (CBRE), has partnered with Air Cycle Corporation and Esquire Environmental Services, Inc. to provide a simple, turn-key solution for our lamp, ballast, and battery recycling needs. For more information please click on the following link: <http://www.greenbre.com/>

Also, Douglas County has established, implemented, and is currently operating a "nontraditional" recycling program at various government facilities and private nonprofit business locations. This program operates through a partnership between the Douglas County Solid Waste Department, Douglas County Animal Shelter, and the West Georgia Animal Welfare League. The program accepts copier toner, ink cartridges, office electronics, cell phones, and batteries for.

Douglas County has agreements in place for drop off sites of the following material. The West Georgia Animal League collects, transports, and brokers the material for recycling. The "revenue generated" is used for the care of animals ie. Douglas County Animal Shelter, non-profit animal adoption agencies, special and-or promotional animal events, etc.

Office Electronics	-	Electronic Recycling Services, Norcross Ga.
Copier Toner and Ink Cartridges	-	West Georgia Animal Welfare League
		Douglas County District Attorney
		Douglas County DOT
		Douglas County Board of Commissioners

Recycling and Waste Reduction Points: 5

49.) Government Recycled Paper Purchasing

Purchase recycled copy, computer, and fax paper with at least 30% recycled content.

DESCRIPTION OF MEASURE AND INTENT

The local government has included in its purchasing policy that only copy, computer, and fax paper with at least 30% post consumer recycled content can be purchased.

DOCUMENTATION REQUIRED FOR CREDIT

- ✓ A copy of the policy with date of adoption

Green Purchasing policies. It is the policy of Douglas County to purchase products which are recyclable or reusable or contain recycled materials if the quality and fitness of such products are equal to un-recycled products, including a price preference not to exceed 10% over the lowest price quoted by suppliers of comparable un-recycled products as determined by the user department. The product price comparison shall include life cycle cost considerations, when applicable. Each user department shall make every reasonable effort to purchase and use recycled products or those with recycled content whenever feasible to the extent such use does not adversely affect health, safety, or operational efficiency and effectiveness as determined by each user department. The term "recycled products" shall be construed to mean products which contain recycled materials or are reusable or recyclable, provided however, that recycled paper products must contain recycled materials.

- a. Each user department shall ensure that all purchases of copy, computer, and fax paper will contain a minimum of 30% recycled content (10% cap on price preference is not applicable). Furthermore, each user department shall strive to purchase paper products containing a minimum of 30% recycled content whenever feasible.
- b. Each user department shall consider, where feasible, the ability of products and/or their packaging to be reused, reconditioned, or recycled.
- c. Each user department shall purchase, where feasible, products which minimize waste and toxic by-products in their manufacture, use, recycling, and disposal.
- d. Included in this policy is a preference for EnergyStar rated appliances and equipment. *Each user department shall purchase EnergyStar rated appliances and equipment subject to the following exceptions:*
 1. *The user department documents that the designated EnergyStar product is not cost-effective over the life of the product taking energy cost savings into account (e.g. life cycle costs); or*
 2. *The user department documents that no EnergyStar product is reasonably available that meets the functional requirements of the department.*
- e. The 10% price preference shall be granted only if the fitness and quality of recycled products are at least equal to un-recycled products as determined solely by the user department. Product price comparison shall include life cycle cost considerations, when applicable.

***Recycling and Waste Reduction* Points: 5**

51.) Community Nontraditional Recycling Facilities

Have recycling drop off location(s) or regularly scheduled events for electronics, batteries, cell phones, and compact florescent light bulbs.

DESCRIPTION OF MEASURE

The local government has an established drop off location for citizens to recycle at least three of the following items: electronics, batteries, cell phones, and compact florescent light bulbs. The drop off locations can be different for each item and may occur in partnership with local businesses and nonprofits. If the locations are not permanent, the temporary drop offs must occur at least two times out of the year. A combination of permanent drop off locations, temporary drop off locations and/or regular special events for at least three of the four items mentioned above is also acceptable.

DOCUMENTATION REQUIRED FOR CREDIT

- ✓ A description of permanent drop off locations (where it's located, what they accept, etc)
- ✓ A copy of the plan for temporary drop off locations accompanied by the outreach materials that are used to advertise the program

Douglas County has established, implemented, and is currently operating and facilitating several "community non-traditional" recycling programs at multiple community facilities and private nonprofit business locations. This program operates through a partnership between the Douglas County Solid Waste Department, the Douglas County School System, Churches, various private "not for profit" and "for profit" agencies and firms as well as recycle vendors located within Douglas County. This component of Douglas County's Recycle and Waste Reduction Program requires "community" based involvement both from a logistical (location) standpoint, but equally important, hands on participation in education, promotion, and advertising for the purpose of increasing waste reduction, re-use, and recycling of items at the community level. Douglas County also provides at least annually a "special event" for the collection of Pesticide and Herbicides in cooperation with the Douglas County Extension Service and United States Department of Agriculture.

Douglas County facilitates community drop off sites and subsequent assistance in collection and marketing of the material to various recycling vendors.

Recycled Items	Location	Vendor	Transportation	Comments
Cell Phones	Cedar Mt. Recycling Center	Aeris Services	Aeris Services	Ongoing
Batteries	Cedar Mt. Recycling Center	Recycle Right	Recycle Right	Ongoing
Electronics	Cedar Mt. Recycling Center	Aeris Services	Aeris Services	Ongoing
Pesticides - Herbicides	Cedar Mt. Recycling Center	Georgia Department of Agriculture	Unknown	Annual Event
Florescent Light Bulbs	Home Depot Douglasville Ga.	Home Depot	Unknown	Ongoing
Florescent Light Bulbs	Lowe's Douglasville Ga.	Lowe's	Unknown	Ongoing

Land Use

Points: 10

56.) Community Smart Growth Incentives/Bonuses

Offer incentives/bonuses that support smart growth (such as incentives for development and redevelopment in existing downtown areas, transit oriented development, traditional neighborhood development, mixed use development and/or in-fill development).

DESCRIPTION OF MEASURE

The local government offers incentives/bonuses to developers to encourage smart growth in at least two of the following ways:

- development and redevelopment in existing downtown areas
- transit oriented development
- traditional neighborhood development
- mixed use development
- in-fill development
- or one of the many other policy options offered in the Smart Growth Initiative's *Getting to Smart Growth* publications

Smart growth is defined as development that benefits the economy, community, and the environment while incorporating the ten principles of smart growth. More information on the principles of smart growth can be found on the Smart Growth Initiative webpage at www.smartgrowth.org.

DOCUMENTATION REQUIRED FOR CREDIT

- ✓ A copy of the policy(s) or ordinance(s) that establish the smart growth incentive
- ✓ Documentation on how the incentive(s) will be implemented

Douglas County encourages mixed use development by offering developers increased density bonuses for projects that incorporate mixed used design principles as per Section 507, Article 5 of the Unified Development Code (UDC) which can be found on our website at: http://www.celebratedouglascounty.com/view/global/viewdownload/&docid=1519&file=/05_PLANNED%20DEV.Oct0504.DOC

Douglas County encourages traditional neighborhood development as per Highway 92 LCI Plan and the Highway 92 Village Overlay located in Section 208(h) Article 2 of the UDC. http://www.celebratedouglascounty.com/view/departments/view_dept/&cdept=266&department=Livable%20Centers%20Initiative
http://www.celebratedouglascounty.com/view/global/viewdownload/&docid=1332&file=/02_USES.Oct0504.DOC

Education

Points: 5

57.) Government Employee Education

Educate staff on the green community measures being implemented and offered within the jurisdiction.

DESCRIPTION OF MEASURE

The local government has created an education program of local government employees to educate them on each government measure that the local government is implementing in an effort to create awareness and a culture of sustainability. The program may include brochures, newsletters, press releases, workshops, promotion on the local access channel, and / or other means for promotion to educate the citizens on each measure. For example, if a recycling program is implemented at government facilities, all employees should be educate on where to recycle, what to recycle, and why. Measures that maybe more specific to one department should be addressed in more detail with the relative department. For example, if buildings undergo water and energy audits, all employees should be educated on the reasons for and benefits of these audits; whereas, facilities managers may need to receive training on how to conduct water audits or energy audits.

DOCUMENTATION REQUIRED FOR CREDIT

- ✓ Documentation on how employees will be educated on each measure
- ✓ A copy of the materials given to educate employees on the measures implemented by the local government

Douglas County's recycling program took itself to a heightened level in 2008 through a partnership with a local cellulose manufacturing company and support from the community.

The county kicked off the year by participating in Greenfiber's community paper recycling program. The company placed eight (8) six cubic yard paper recycling bins at the county's Camp Road Convenience Center in southern Douglas County.

Bins were placed across the county at the courthouse, county parks, Sheriff's Department and both libraries. The combined locations collected nearly 150 tons of recyclables in just one year for a saving of 2,550 trees, 495 cubic yards of landfill space, and saved thousands of taxpayer dollars in disposal cost

The county employees and residents who saved their office paper, phone books, newspapers, mixed paper, cardboards and anything else paper and placed it in our bins are to be commended. Community awareness for the benefit and opportunities for recycling has expanded quickly thanks to coverage provided by local newspapers.

Douglas County's goal was to be proactive and jumpstart our recycling program by putting ourselves to the test and collecting inside the courthouse. The bins were placed and serviced at no charge to the county. The project was implemented for less than \$1,000 with the help of curb work provided by inmate labor and low cost recycling containers used in the courthouse. The county designed its own container labels to read "Recycle and Reuse" and made sure each copy room across the courthouse had a container.

Immediately emails and calls came from staff asking county organizers for more bins in their offices and thanking the administration for doing more than just spreading a message but following through with a plan.

On any given day, you can see containers with paper products in the courthouse and employees are requesting a pick-up. Just a year ago, that paper ended up in a trash can and its final destination was the county landfill. Today, employees look at recycling in a different light and many residents do as well. Staff at the county landfill see their share of residents who no longer just dump off trash but rather separate their recyclables in hopes of doing their part to "Go Green".

In 2009, we were faced with changes in our partner for recycling but have adjusted and continue to encourage both employees and residents to recycle.

Education Points: 5

58.) Community Member Education

Educate the public, schools, professional associations, business, and industry about implemented green communities program measures made available in their jurisdiction.

DESCRIPTION OF MEASURE

The local government has created a public awareness and outreach program for citizens to educate them on each community measure that the local government is implementing in an effort to create awareness and a culture of sustainability. The program may include brochures, newsletters, press releases, workshops, promotion on the local access channel, and / or other means for promotion to educate the citizens on each measure. Depending on the measure, outreach may need to be tailored to a specific target group. For example, incentives offered to mixed use developments should be specifically promoted to developers.

DOCUMENTATION REQUIRED FOR CREDIT

- ✓ Documentation of how education will be provided for each implemented community measure.
- ✓ A copy of the education and outreach materials used to educate the community on the measures implemented by the local government

Douglas County uses several mediums for relaying the recycling message to its residents and one of those is our website. Please see below the page that is devoted completely to educating viewers on what type of products are recycled and the location for drop-off.

We also work with both local newspapers in order to further educate the public on the county's recycling options. For those employees who working directly in the Solid Waste and Recycling Program they have education gift bags for distribution at schools and community events. Those bags contain informational brochures on recycling as well as small mementos' that encourage recycling.

Contact: Gary Jenkins - Director

1730 County Services Road - Cedar Mountain Landfill
Douglasville, Georgia 30134
Phone: 770.920.3133 - Fax: 770.920.3125
solidwaste@co.douglas.ga.us

Solid Waste and Recycling Programs

The Cedar Mountain Landfill services thousands of citizens and commercial accounts each month. The Landfill and its solid waste and recycling programs are required by law to be self-sufficient that is, supported by user fees (tipping fees) as opposed to tax dollars. The user fees go into the Landfill Enterprise Fund, which is responsible for all expenses incurred at the Cedar Mountain facility such as future landfill space development, construction, all operating expenses (salaries, insurance, equipment purchases and maintenance, office supplies, etc.), landfill

closure expenses and 30 years of post-closure monitoring. No tax dollars are spent for solid waste operations in Douglas County.

Hours of Operation

Monday through Saturday, 8:00 a.m. - 5:00 p.m.

Weigh-in Scales close at 4:30 p.m.

Closed Sundays and the following Holidays

- New Year's Day
- Martin Luther King, Jr., Day (third Monday in January)
- Good Friday
- Memorial Day (last Monday in May)
- Independence Day (July 4th)
- Labor Day (first Monday in September)
- Veterans Day (November 11th)
- Thanksgiving Day (4th Thursday in November)
- Thanksgiving Friday (day after Thanksgiving)
- Christmas Eve (December 24th)
- Christmas Day (December 25th)

In case a holiday falls on a Sunday, other days may be substituted.

Fees

- Commercial Garbage: \$39.00/ton (averages to \$1.95 per 100 pounds)
- Household Garbage: \$7.00/load up to 500 pounds
- Household Garbage with recycling: \$5.00/load up to 500 pounds
- Recycling Only: No Charge
- Construction/Demolition Waste: \$35.00/ton (\$1.75 per 100 pounds)
- Vegetative Waste (clean, with no other waste included): \$33.00/ton (\$1.65 per 100 pounds)
- Tires up to 17" in diameter: \$5.00 each
- Tires larger than 17" in diameter: \$15 each
- Freon-loaded items (refrigerators, freezers, air conditioners): \$16.00 each
- Wood Chips/Mulch: Free (if you load it yourself)
- Out-of-County Waste: \$45.00 per ton
- Refuse up to 500 pounds: \$18 per load

Recyclable Items

- Lead Acid Batteries
- Tires
- Freon-loaded items
- Vegetative Waste (clean)
- Scrap Metal
- Aluminum Cans
- Scrap Aluminum
- Motor Oil
- All Paper Products
- Auto Batteries
- Glass
- Computers
- Cooking Oil

Prohibited Disposal Items

- Liquid Wastes
- Biomedical Wastes
- Radioactive Waste
- Hazardous Waste
- PCBs

Loading and Unloading Your Vehicle

Proper loading of your vehicle is very important for easy use of the landfill facilities. All recyclable items should be able to be unloaded first. Next should be all household garbage (kitchen, bathroom or bedroom garbage). All non-household garbage, both residential and commercial, should be loaded last. Yard waste should also be separated from the rest of the load and taken to the proper area.

All loads must be covered and secured. Uncovered loads, littering, illegal dumping, and scavenging are strictly prohibited, and violators will be prosecuted.

You Only Pay for What You Throw Away

Upon entering the Landfill; you will be directed to the Scale House where it will be determined what is being carried on your vehicle.

- If you have recyclables only, you will be directed to the Recycling Center.
- If you have household garbage only or household garbage with recyclables, you will pay the clerk and be directed to the proper location.
- If you have commercial garbage or any non-household garbage, including yard waste or construction debris, you will be required to have your truck weighed before you unload and after you unload.
- If you have recycling along with your commercial or non-household garbage, you will be asked to unload those items before weighing in so that you will not be charged for these items.
- If you are required to weigh in and weigh out, the computer will figure the difference between the two weights and generate the appropriate fee charge.

Wood Chips and Mulch

All clean and unbagged vegetative waste (yard trimmings, limbs, grass clippings, stumps, trees, branches, and garden residuals, etc.) received at the landfill is chipped or composted. The resulting wood chips, mulch, and compost are available free of charge to non-commercial customers if you load it yourself.

Camp Road Convenience Center

The Camp Road Convenience Center is located in the Fairplay community on Camp Road just south of the Georgia Highway 166, and near the intersection of Georgia Highway 166 and Post Road. The operating hours are Monday through Friday from 12:00 noon - 6:00 p.m., and Saturday from 8:00 a.m. - 5:00 p.m.

- The Camp Road Convenience Center accepts residential-only refuse and limited recycle items.
- No commercial disposal is allowed, and no construction/demolition or vegetative waste is accepted at this location.
- Recycle items accepted are mixed paper, aluminum cans, and glass bottles and jars.
- The maximum size load allowed is a pick-up truck bed loaded evenly with the top of the bed.
- Fees are \$7.00 per load without recycle items, or \$5.00 per load with recycle items.

Innovation

Points: ?

59) Innovation Measures

Innovation points can apply to a government or community measure that is not included in any of the above categories. Each innovation measure can be worth 5 points and the maximum number of points to be allowed in the innovation category is 15.

DESCRIPTION OF MEASURE

Each innovation measure must be pre-approved by the Atlanta Regional Commission's Green Communities Staff.

DOCUMENTATION REQUIRED FOR CREDIT

Letter of approval from the ARC Green Communities staff

Douglas County is in the process of designing a new 20,000 sq. ft. E-911 building. We will be low flow fixtures and waterless urinals in the facility. The project is expected to be completed during the later part of 2010.

Innovation

Points: ?

60) Innovation Measures

Innovation points can apply to a government or community measure that is not included in any of the above categories. Each innovation measure can be worth 5 points and the maximum number of points to be allowed in the innovation category is 15.

DESCRIPTION OF MEASURE

Each innovation measure must be pre-approved by the Atlanta Regional Commission's Green Communities Staff.

DOCUMENTATION REQUIRED FOR CREDIT

Letter of approval from the ARC Green Communities staff

Douglas County is in the process of designing a new 20,000 sq. ft. E-911 building. We will be installing high-reflective concrete paving on the site which will decrease the heat index considerably. The project is expected to be completed during the later part of 2010.