

Greensboro Sustainability Action Plan
Status of Implementation Items

Status	2016		Definition
	Number	Percent	
Complete	37	30.8%	The Item is done.
On-going / In Effect	29	24.2%	The Item has been initiated and has no ending point.
Underway	5	4.2%	The Item has been initiated, but is not yet complete.
Planned	3	2.5%	The Item is in a work plan, or has been identified as a priority for upcoming year(s), but has not yet been initiated.
Not Initiated	46	38.3%	The Item has not been initiated.

Total: 120

Sustainability Action Plan Review

Transportation and Land Use	Status	Anticipated Completion	Champion Department
Policy 1: Encourage increased density, a mix of land uses and more integrated links between transportation and land use through changes to Greensboro's Comprehensive Plan, Development Ordinance and other related plans.			
Strategy 1A: Identify and Improve Mass Transit Corridors.			
<i>i) Identify near-term and long-term potential mass transit corridors and begin to increase densities along corridors.</i>	Complete		
GTA Route System Plan	Complete	Spring 2012	GDOT
<i>ii) Plan City infrastructure (storm water, utilities, etc.) to support density in corridors.</i>	Complete		
Contingent on completion of Route System Plan	Complete	Spring 2012	GDOT
<i>iii) Progressively increase transit system usage, especially for discretionary ridership.</i>	On-going		
Ridership increased to 4.8M psgr trips in FY 14-15. GTA Ridership increased by 10% during FY 10-11, to 4.4M passenger trips	On-going	2011 / Annual	GDOT
Planned restructuring of route system will aim to maximize ridership capture	Underway	Spring 2012	GDOT
Strategy 1B: Increase Development Densities and Mix of Uses for Transit Corridors and Activity Centers.			
<i>i) Develop policies for minimum densities, minimum floor area ratios and density by right.</i>	In Effect		
Adoption of Land Development Ordinance in 2010 created RM-40 (Residential, Multi-Family - 40 Units per Acre) zoning category for areas along Major Thoroughfares, but to-date no rezonings have used this category.	In Effect	Ongoing	Planning
<i>ii) Revise site design requirements such as setbacks, parking standards, landscaping and buffers to allow for more site flexibility in achieving higher densities and mix of uses.</i>	In Effect		
Adoption of Land Development Ordinance in 2010 created standards for reduction of minimum required off-street parking when site is located within 1,000 feet of a transit stop, and/or when on-site bicycle parking is provided. Off-street parking requirement can also be completely waived for development on existing lots that do not meet minimum lot width requirement.	In Effect	Ongoing	Planning
<i>iii) Provide incentives for shared parking to reduce parking requirements in areas of higher density development.</i>	In Effect		
LDO text amendment allows up to 100% shared parking, subject to certain conditions. Incentives come in the form of reduced costs of parking construction and resulting stormwater management treatments, and simplified permitting process. Also, structures officially designated as historic and structures > 50 yo deemed to have historic value, are exempt from off street parking requirements. Also up to 30% parking reduction for sites served by greenways. Not Initiated	In Effect	2013	Planning
Strategy 1C: Improve Housing Diversity and Property Utilization.			
<i>i) Promote intentional communities and mixed occupancies.</i>	In Effect		
Planned Unit Development, Traditional Neighborhood, and Mixed Use zones all allow mix of use types.	In Effect	Ongoing	Planning
Child Daycare Centers are permitted in Multi-Family zoning districts and Home Daycare Facilities are permitted in all residential zoning districts.	In Effect	Ongoing	Planning
Neighborhood sustainable design consultation project complete. Cottage Grove neighborhood received a free neighborhood design consultation in 2012 from Global Green USA with the help of a grant from the Environmental Protection Agency's (EPA) Building Blocks for Sustainable Communities Program. Over the next six months, sustainability experts will visit Greensboro and provide comprehensive recommendations for infrastructure and policy changes aimed at helping build a future that is more resource-efficient, livable, healthy, and environmentally responsible.	Complete	February 2013	Planning

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Transportation and Land Use	Status	Anticipated Completion	Champion Department
<i>ii) Explore alternatives to the limitation of occupancy of dwelling units.</i>	In Effect		
City Council adopted "Charter Home" as a new type of permitted use in residential districts, allowing up to 6 unrelated persons to occupy same dwelling.	In Effect	Summer 2011	Planning
Staff working on an LDO text amendment that would allow Charter Homes to seek a "Special Exception" for more than 6 unrelated persons to occupy same dwelling.	In Effect	March 2012	Planning
<i>iii) Promote development of accessory dwelling units.</i>	In Effect		
Accessory Dwelling Units are permitted accessory uses in all residential zoning districts, subject to setbacks and other applicable standards. Utility service to ADUs must be branched from main dwelling.	In Effect	Ongoing	Planning
The "Upper Story Residential" use category allows dwelling unit to be occupied on second floor of a structure with a business use on the ground floor.	In Effect	Ongoing	Planning

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Transportation and Land Use	Status	Anticipated Completion	Champion Department
Policy 2: Reduce vehicle miles traveled, including the use of single-occupant vehicles, by promoting alternative forms of transportation and providing greater infrastructure for			
Strategy 2A: Increase Transit System Use			
<i>i) Encourage higher discretionary use of the Greensboro Transit Authority system.</i>	In effect		
Corporate Connections program allows employers to subsidize employee transit passes, to promote GTA among discretionary use commuters.	In effect	Ongoing	GDOT
<i>ii) Investigate the feasibility of Park & Ride lots near route terminus points, preferably at commercial centers to support retail uses.</i>	Not Initiated		
Contingent on update of Mobility Greensboro Plan, anticipated to begin in FY 16-17. Not currently in consideration.	Not Initiated	n/a	
<i>iii) Accelerate plans for cross-town connectors, additional transfer points outside of downtown and other upgrades.</i>	Not Initiated		
Contingent on Mobility Greensboro Plan update. Route System Plan will not include recommendations for cross-town routes; GTA does not have sufficient funding to expand its fleet to achieve the capacity needed for implementation of cross-town routes .	Not Initiated	n/a	
<i>iv) Explore options for increased express bus service to downtown and van services during shift changes.</i>	Not Initiated		
Contingent on Mobility Greensboro Plan update. Not currently in consideration.	Not Initiated	n/a	
<i>v) Increase publicity, demonstration projects and employer participation to promote transit ridership.</i>	In effect		
Corporate Connections program allows employers to subsidize employee transit passes, to promote GTA among discretionary use commuters.	In effect	Ongoing	GDOT
<i>vi) Promote transit usage by displaying bus maps and adding bike racks at City libraries and other public facilities.</i>	In effect		
Google Transit now has GTA route and schedule information online, including a trip-planning function, that can be accessed via smart phone.	In effect	Ongoing	GDOT
All libraries, recreation centers, regional parks, and other major City facilities have bike racks.	In effect	Ongoing	GDOT
GTA route map-schedules available at GTA office, Depot, MMOB, Women's Resource Center, Dept of Social Services, colleges & universities (HEAT & applicable GTA routes only), and libraries and recreation centers on GTA routes.	In effect	Ongoing	GDOT
Strategy 2B: Increase Bicycling Infrastructure.			
<i>i) Consider a "Complete Streets" policy that incorporates multi-modal capabilities where appropriate.</i>	Complete		
Official Complete Streets Policy adopted November, 2015	Complete	Fall 2015	GDOT
No local Complete Streets policy effort underway. Local street design standards account for all road users. State Complete Streets policy accounts for all road users in projects on State-maintained roadways.	In effect de facto	Ongoing	GDOT
<i>ii) Provide more bicycle infrastructure, bike lanes and paths on all major thoroughfares.</i>	Complete		
Additional on-street bicycling infrastructure upcoming as implementation of updated BiPed Plan ramps up.	Planned	2016	GDOT
Bike lanes installed on Meadowview Road and Phillips Avenue.	Complete	Fall 2011	GDOT
Not Implemented. Shared lane markings to be installed on Lake Jeannette Road.	Not Initiated	n/a	GDOT
<i>iii) Implement the City's Greenway Master Plan to increase off-road cycling opportunities and connections.</i>	Complete		
Additional off-road bicycling infrastructure upcoming as implementation of updated BiPed Plan ramps up.	Planned	2016	P&R
Public open house meetings on feasibility study to extend A&Y Greenway north to Rockingham County line.	Complete	October 2011	GDOT

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Transportation and Land Use	Status	Anticipated Completion	Champion Department
Resurfacing of Latham Park Greenway.	Complete	Fall 2011	GDOT
Reconstruction of Latham Park Greenway / Hill Street Connector.	Complete	Fall 2011	GDOT
Construction of Phase 1a of Downtown Greenway began summer 2011.	Complete	Spring 2012	GDOT
Construction of Bicentennial Greenway from Ballinger Road to West Market Street.	Complete	Fall 2011	GDOT
Resurfacing of older sections of A&Y Greenway.	Complete	Jan 2012	GDOT
Kingfisher Trail, complete - Construction of new mountain biking trail from Yanceyville Road to Doggett Road.	Complete	Summer 2012	GDOT
Construction of Blue Heron mountain biking trail from North Church Street to Yanceyville Road.	Complete	Spring 2011	GDOT
<i>iv) Provide bike-sharing infrastructure along public greenways as they are completed and linked together.</i>	Ongoing		
City staff participated on Bike Share Task Force, led by Action Greensboro. Priority bike-share station locations have been identified and submitted by GDOT to NCDOT for funding consideration.	Ongoing	2018	GDOT
Blue Bikes rental program at Bur-Mil Park is currently suspended and under control of Guilford County. Bike-sharing available at Bur-Mil Park for use on A&Y Greenway.	Not Initiated	n/a	
<i>v) Facilitate bike-sharing programs at local universities and colleges, other high employment locations, downtown and other larger business districts.</i>	Not Initiated		
The Forge, Proximity Hotel, and Sales Factory Woodbine have established bike fleets for their employees and/or patrons, but no City involvement occurred. No City activity.	Not Initiated	n/a	
<i>vi) Formally include bicyclists in transportation planning processes.</i>	Complete		
A formal Bicycle and Pedestrian Advisory Committee, comprised of staff, partner agencies, and advocacy representatives, will convene in February 2016. Jan 2011, Greensboro MPO established citizen advisory committee for the BiPed Plan update process.	Complete	Feb 2016	GDOT
<i>vii) Establish bike rental stations at strategic locations.</i>	Not Initiated		
Not within City purview.	Not Initiated	n/a	
Strategy 2C: Develop Green Bike Program.			
<i>i) Enhance bicycle use and safety across the City, particularly within the urbanized core.</i>	In Effect		
GDOT, GPD, and UNCG are collaborating in the NCDOT 'Watch for Me NC' program, a bicycle and pedestrian safety awareness campaign. Launched locally in May 2014. GDOT bike safety campaign (details, dates)	In Effect	Ongoing	GDOT/GPD/UNCG
'Ride with the City' has replaced 'Mayor's Ride'. Mayor's Bicycle Ride, tentatively planned to coincide with ribbon cutting for Phase 1a of Downtown Greenway.	In Effect	Ongoing	GDOT
GDOT & GPD partnership to register bicycles, including new online registration form.	In Effect	Ongoing	GDOT/GPD
Distribution of helmets and other safety gear will resume as implementation of updated BiPed Plan ramps up. GDOT distributes free bicycle helmets to low income individuals for SafeGuilford.	In Effect	Ongoing	GDOT/GPD
Planned GPD Bike Safety Expo - Has morphed into various bike month events sponsored by GPD.	In Effect	May 2012	GPD
GDOT, P&R, GPD annual participation in planning & hosting National Bike Month events (January to May), including National Bike to School Day.	Ongoing	Ongoing	GDOT, P&R, GPD
<i>ii) Increase public safety announcements regarding cycling safety and rules of the road to improve knowledge and awareness.</i>	In effect		
GDOT's "Bicycle Guide to a Safe Ride" video plays in rotation on Channel 13.	In effect	Ongoing	GDOT
Media interviews about the importance of all road users sharing the road safely.	Ongoing	Periodically	
"Co-Exist" Peace Symbol stickers displayed on rear of all GTA buses to encourage all road users to share the road safely.	In effect	Ongoing	GDOT

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Transportation and Land Use	Status	Anticipated Completion	Champion Department
<i>iii) Make more streets crossable for bicyclists and pedestrians.</i>	Complete		
Additional pedestrian/bicycle crossing improvements upcoming as implementation of updated BiPed Plan ramps up.	Planned	2016	GDOT
Safe Routes to School project at Rankin Elementary installed sidewalks on Spry Street, and high-visibility crossing enhancements on Spry Street and Summit Avenue, at 3 intersections.	Complete	2011	GDOT
Several dozen new pedestrian crossing signal heads installed citywide. Signal System Upgrade project will add pedestrian crossing signal heads at all signalized intersections.	Complete	2013	GDOT
Trail crossing warning signs installed on roadways crossed by or accessed from Greensboro Watershed trails.	Complete	Jan 2012	GDOT
Over 300 new wheelchair ramps installed at intersections in conjunction with street resurfacings and construction of new sidewalks throughout City.	Complete	Summer 2012	GDOT
Pedestrian refuge and raised, textured, high-visibility crossing treatment constructed on Phase I of Downtown Greenway crossing at South Eugene Street.	Complete	Spring 2011	GDOT
Pedestrian refuge to be constructed on West Friendly Avenue for Bicentennial Greenway crossing.	Complete	Fall 2012	GDOT
<i>iv) Install sensors in pavement to change lights at intersections for bikes.</i>	Complete		
Signal system proj completed. Most signalized intersections have inductance loop sensors in the pavement. Standard calibration is sensitive enough to detect bicycles. Signal system upgrade project will add sensor loops at nearly all remaining signals.	Complete	2014	GDOT

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Green Jobs and Buildings	Status	Anticipated Completion	Champion Department
Policy 3: Develop a coordinated City program to provide technical support, energy audits and education and outreach to increase energy efficiency and conservation in			
Strategy 3A: Promote Existing Energy Conservation Opportunities			
<i>i) Utilize the City's communication systems, such as Channel 13 and the City's website, to educate and promote available energy conservation opportunities</i>	On-going		
City website promotes GSO's commitment to encouraging local sustainability. The website is continuing to evolve to include up to date information on the City's energy initiatives such its Formula Grant from the Department of Energy (DOE) and its Better Buildings for Greensboro Program.	On-going	On-going	Public Affairs
<i>ii) Develop energy conservation and green building programming to highlight City leadership in energy conservation activities and results</i>	On-going		
a Channel 13 recently recorded the highlights of the City's sustainability and federal energy grants programs.	On-going	On-going	Public Affairs
b City is actively engaged in the creation of a Sustainability Challenge to encourage behavior modification in the areas of energy conservation and sustainability. In the face of emerging internal sustainability initiatives, city staff is encourage to optimize energy saving opportunities. Prizes and incentives are available to departments seen as achieving the highest levels of energy efficiencies.	Complete	2013	Neighborhood Development
Strategy 3B: Increase Availability of Energy Assessments for Property Owners			
<i>i) Make energy assessments and energy upgrade programs available to more commercial and residential property owners</i>	Complete		
Better Buildings Program complete. About 300 home energy assessments have been conducted to promote energy sustainability. Varying energy assessments have taken place among commercial entities including low income multi-family residents, schools and hospitals within the City of Greensboro.	Complete	May-13	Neighborhood Development
<i>ii) Conduct personal home visits to perform basic upgrades like replacing incandescent light bulbs with compact fluorescent lamps (CFLs) and installing programmable thermostats</i>	Complete		
Better Buildings Program complete. About 300 home visits have taken place in which energy packs have been delivered. These energy packs include, a reusable canvas bag, cfls, water saving shower heads and power strips	Complete	May-13	Neighborhood Development
<i>iii) Make property owners and residents aware of weatherization assistance opportunities</i>	On-going		
Through the City web site and the local paper, property owners have been made aware of weatherization assistance opportunities.	On-going		Neighborhood Development
<i>iv) Utilize the revolving loan fund program in the City's EECS for funding energy assessments and upgrades</i>	On-going		
a Lending partnerships have been established with three lenders who have lending products available specifically for those seeking to implement energy upgrades.	On-going		Neighborhood Development
b Better Buildings Program complete. Through the Better Buildings program a Revolving Loan Fund was created specifically for commercial projects designed to be awarded half in loans and half in grant dollars.	Complete	May-13	Neighborhood Development
Strategy 3C: Coordinate with Local Utilities			
<i>i)Engage Duke Energy and Piedmont Natural Gas in continuous discussions about local energy use and energy conservation programs for residential and commercial buildings</i>	Underway		
Better Buildings Program complete. Duke Energy has partnered with Better Buildings for Greensboro to make rebates available to the first 100 incentive households that choose to invest in energy efficiency upgrades for their homes.	Complete		Neighborhood Development

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Green Jobs and Buildings	Status	Anticipated Completion	Champion Department
<i>ii) Align weatherization and energy efficiency programs with other community initiatives</i>	Underway		
Better Buildings Program complete. Better Buildings outreach has combined efforts with the Lead Based Paint Hazard Control and Healthy Homes efforts, to provide more comprehensive information, appropriate program referrals and better recommendations for interventions that are carefully selected to improve both energy efficiency and health.	Complete	May-13	Neighborhood Development
<i>iii) Formalize energy use information sharing between the City and energy supplier companies</i>	Not Initiated		
Not Initiated	Not Initiated	n/a	
Strategy 3D: Expand Energy Education Programs			
<i>i) Create mobile exhibits with local colleges and universities that demonstrate simple energy conservation techniques for community functions</i>	Not Initiated		
Not Initiated	Not Initiated	n/a	
<i>ii) Provide educational programming on energy conservation and cost savings potential of lower energy use</i>	Complete		
b City has partnered with Guilford County Schools to expand energy education programs with programs such as EnergyWise (http://www.youtube.com/watch?v=0Y0hKe-e0CE) and Sedgfield Elementary School (http://www.youtube.com/watch?v=XG0XMt-BNWc and http://www.greensboro-nc.gov/index.aspx?page=36&recordid=1407&returnURL=%2Findex.aspx%3Fpage%3D2006)	Complete	Completed	Neighborhood Development
a The Library's "Save Money, Save Energy" workshops offered at four Library locations, Winter/ Spring 2012. Workshops on how to save money by reducing energy costs, view hands-on demonstrations on conserving energy, and enter a drawing for an energy savings kit.	Underway	Apr-12	Library
c February 18 2012 from 10-11 am, the Kathleen Clay Edwards Family Branch Library offers Alternative Energy Homes Virtual Tour. Hear stories from actual homeowners and see pictures of alternative energy systems. Learn the benefits of these systems and enter a drawing for an energy savings kit.	Complete	2/18/2012	Library
d Recycling Materials and Give-aways have been purchased in support of educational programming.	Complete		Field Ops
e Energy Family Program provided ways homeowners can reduce their energy costs and save on electric bills. 50 attendees.	Complete	2/27/2012	Library
f Better Buildings/Energy Efficiency Workshop offered by PCD during a daylong workshop/seminar series conducted at Central Library.	Complete	12/3/2011	Neighborhood Development
g Solar Children's Program offered at KCEF Library to teach children about energy alternatives with hands on activities. 42 Children	Complete	3/23/2011	Library
h Outreach program at General Greene Elementary School is being planned for children to learn about a variety of energy resources.	Planned	2012/2013	Library
i "Energy Efficiency and Your Historic Home" workshop provided by PCD staff to over 60 participants. The scope of the workshop included: reducing drafts, reduce utility bills, equipment upgrades, energy assessment/audit information. One participant won an energy assessment.	Complete	Jan-11	Planning
<i>iii) Pair neighborhood associations with trained community organizers to spread the word to neighbors about the health and money saving benefits of repairing substandard homes and making better energy choices</i>	Not Initiated		
Not Initiated	Not Initiated	n/a	
<i>iv) Work with preservation interests to promote energy efficient practices and energy tax credits for older and historic buildings.</i>	Not Initiated		
Not Initiated	Not Initiated	n/a	

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Green Jobs and Buildings	Status	Anticipated Completion	Champion Department
<i>v) Publicize demonstration projects for energy efficient upgrades on historic buildings</i>	Complete		
"Energy Efficiency and Your Historic Home" workshop provided by PCD staff to over 60 participants. The scope of the workshop included: reducing drafts, reduce utility bills, equipment upgrades, energy assessment/audit information. One participant won an energy assessment.	Complete	Jan-11	Planning
Strategy 3E: Promote Energy Conservation in Rental Units			
<i>i) Work with the Rental Unit Certificate of Occupancy (RUCO) Board to promote energy conservation in policy and the inspection process</i>	Not Initiated		
RUCO Board dissolved. RUCO ordinance invalidated. Minimum housing code revised to fill in some gaps. Not Initiated	Not Initiated	n/a	

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Green Jobs and Buildings	Status	Anticipated Completion	Champion Department
Policy 4: Use a combination of code changes, incentives, partnerships and education to promote green building in Greensboro.			
Strategy 4A: Promote Green Building in the Land Development Ordinance (LDO)			
<i>i) Conduct a sustainability audit of the LDO to identify impediments to green building</i>	Complete		
A consultant team evaluated over 25 City plans, policies, and practices with respect to sustainability to make recommendations for better integrating sustainability into City policies. One of the outcomes was a Plan Evaluation Tool that includes evaluations of over 25 City plans, strategies, ordinances, and other documents to identify opportunities, gaps, linkages, and alignment with respect to sustainability. The Tool provides an evaluation of each Plan's vision, goals, and action steps; discusses links and alignment with other relevant planning documents as well as implementation practices.	Complete	Nov-11	Planning
<i>ii) Develop a permit fee rebate program and other development incentives, such as rebates on the stormwater fees and permit and inspection fee modifications, for certified green construction and substantial renovation</i>	On-going		
Implemented -- add details	On-going		
<i>iii) Expedite permit processing for construction pursuing green building certification</i>	Not Initiated		
Not Initiated	Not Initiated	n/a	
Strategy 4B: Evaluate Housing Code Updates			
<i>i) Review the Minimum Housing Code to identify current provisions for energy efficiency standards and revisions to match current building code and standard practices</i>	Not Initiated		
Not Initiated	Not Initiated	n/a	
<i>ii) Develop cost/benefit analyses to minimize impacts on housing affordability and provide financial incentives where necessary</i>	Not Initiated		
Not Initiated	Not Initiated	n/a	
Strategy 4C: Form Green Building Partnerships			
<i>i) Form partnerships with local green building organizations to share educational information through web links, discussions about legislative and policy actions and co-sponsored educational sessions and awards programs</i>	Not Initiated		
Not Initiated	Not Initiated	n/a	
<i>ii) Provide links to directories of certified green building and service firms to make information readily available to the community</i>	Not Initiated		
Not Initiated	Not Initiated	n/a	
<i>iii) Develop partnerships to integrate home energy measures into the Healthy Homes Initiative focused on elderly, poor and marginalized populations</i>	On-going		
Some unhealthy building conditions that are addressed through the program's Healthy Homes interventions, are directly related to energy, such as problems with ventilation and unsafe heating sources; others can be addressed using the same repairs as energy improvements and lead hazard reductions, such as sealing ductwork and air infiltration, installing vapor barriers, stabilizing or removing painted components, and stopping water leaks. The program's community outreach partner, Greensboro Housing Coalition, is continuing to work with local single and multifamily landlords to educate them and provide oversight and education to residents on an Integrated Pest Management program.	On-going	3 years	Neighborhood Development
<i>iv) Seek additional grant resources for healthy-green repairs such as weatherization-ventilation-indoor air quality, lead-safe work practices, integrated pest management, moisture intrusion and energy efficiency</i>	Complete		

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Green Jobs and Buildings	Status	Anticipated Completion	Champion Department
<p>Latest Lead Grant completed; efforts continue to secure additional lead remediation funding. PCD received HUD Lead Hazard Control Grant; \$3.1 million over three years which includes an expanded healthy homes component that includes assessment, education and follow-up. All lead hazard-affected housing units within the city limits that are occupied by low income families are eligible for the program. By combining the targeted outreach programs of the Better Buildings for Greensboro program, the Lead Based Paint Hazard Control and Healthy Homes efforts, we are providing more comprehensive information, appropriate program referrals and better recommendations for interventions that are carefully selected to improve both energy efficiency and health.</p>	Complete	3 years	Planning
Strategy 4D: Develop and Implement Green Building Advocacy Initiatives			
<p><i>i) Work with state and federal legislative delegations to ensure consistent and permanent tax credits for energy conservation upgrades to residential and business properties</i></p>	Not Initiated		
Not Initiated	Not Initiated	n/a	
<p><i>ii) Support efforts to increase energy efficiency and resource conservation standards in state building codes</i></p>	Not Initiated		
Not Initiated	Not Initiated	n/a	
<p><i>iii) Support state statutes allowing grey water re-use for non-potable uses and enabling legislation allowing communities to provide a full range of green building incentives</i></p>	Not Initiated		
Not Initiated	Not Initiated	n/a	
Strategy 4E: Promote Green Building Success Stories			
<p><i>i) Promote work the City of Greensboro has accomplished to achieve energy savings and environmental benefits</i></p>	Complete		
<p>Greensboro Aquatic Center included significant heat recovery and other energy efficient designs, expected to be LEED certified.</p>	Complete	Aug-11	Engineering/Inspections
<p>GTA Operations and Maintenance Facility has a gold-star LEED certification. Includes vegetative roof, 40-year life span, LED lighting, minimal interior finishes, designed around passive solar methods.</p>	Complete	2011	Engineering/Inspections
<p>Better Buildings Program complete. EECBG funding used for retrofits, such as replacing windows in the MMOB, which should garner an annual energy savings of 1603 MMBtu.</p>	Complete	2013	Engineering/Inspections
<p><i>ii) Promote local green building successes through award programs with community partners, lunch and learn sessions with local colleges and universities and support of green building design competitions</i></p>	Complete		
<p>Trish Holder of Greenspiration shared her knowledge of green building to local homeowners. February 18, 2012. 6 adults attended.</p>	Complete	40947	Library
<p><i>iii) Provide links to project registries of certified green building renovation and construction, including residential, commercial, industrial and institutional projects</i></p>	Complete		
<p>The City's website provides a link to the Lead-Safe Housing Registry, a list that enables local residents to determine if a home they are considering buying or renting has been made lead-safe. The following link provides access to the registry; http://www.greensboro-nc.gov/index.aspx?page=1564</p>	Complete	Completed	Neighborhood Development
<p><i>iv) Promote green building programs through community partnerships and local economic development agencies</i></p>	Complete		
<p>The Green Business Luncheon was an opportunity for sustainable business owners to communicate their lessons learned about their sustainable business models to community business owners. 34 adults</p>	Complete	5/20/2011	Library

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Green Jobs and Buildings	Status	Anticipated Completion	Champion Department
<i>v) Work with local and state green building organizations to hold educational sessions for local code inspectors and contractors to share issues about green building standards and challenges</i>	Not Initiated		
Not Initiated	Not Initiated	n/a	
<i>vi) Publicize information over local television, radio and newspaper media and through presentations to civic organizations</i>	On-going		
The City uses their website to promote the City's commitment encouraging local sustainability. The website is continuing to evolve to include up to date information on the City's energy initiatives such its Formula Grant from the Department of Energy (DOE) and its Better Buildings for Greensboro Program.	On-going	On-going	Public Affairs
<i>vii) Develop an Integrated Design Roundtable Program where design, development and operations teams from successful projects share the "how and why" of projects for students and young professionals</i>	Not Initiated		
Not Initiated	Not Initiated	n/a	

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Green Jobs and Buildings	Status	Anticipated Completion	Champion Department
Policy 5: Work with community partners to encourage green job creation, training and placement.			
Strategy 5A: Facilitate Green Jobs Creation			
<i>i) Leverage the City's EECS green jobs strategy to create an ongoing organizational structure to facilitate green jobs creation, training and placement</i>	Complete		
b Alexandria Gardner was hired in Workforce Development to assist with Green Job programs.	Complete	Completed	Work Force
Better Buildings Program complete. A partnership exists with Advanced Energy who provided Home Performance with Energy Star (HPwES) to pre-approved contractors and continues to provide ongoing training and guidance in the field of homes being serviced through the BetterBuildings for Greensboro program.	Complete	May-13	Neighborhood Development
<i>ii) Partner with higher education, community colleges, workforce development, K-12 schools, other community organizations, City and county human resources and others</i>	Complete		
b Green Business Luncheon was an opportunity for sustainable business owners to communicate their lessons learned about their sustainable business models to community business owners. 34 adults	Complete	5/20/2011	Library
a The City's Energy Team is working with Workforce Development to coordinate with its Business Representative to coordinate green jobs/green businesses training. Some of the partnership opportunities include Guilford County Schools (GCS); Guilford Technical Community College (GTCC) and CERT.	Underway	tbd	Public Affairs
<i>iii) Coordinate and partner with local schools, colleges and universities to develop a green industries certificate program</i>	Not Initiated		
Not Initiated	Not Initiated	n/a	
<i>iv) Expand green jobs resource materials at all public libraries</i>	Complete		
Various energy efficiency, sustainability, and conservation themed materials were purchased for the KCEF and McGirt-Horton libraries.	Complete	2011	Library

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Green Jobs and Buildings	Status	Anticipated Completion	Champion Department
Policy 6: Promote more efficient use of water through education, partnerships and pilot projects.			
Strategy 6A: Develop a Water Conservation Demonstration Project			
<i>i) Obtain funding and implement a demonstration neighborhood water conservation program in at least two model neighborhoods</i>	Not Initiated		
Not Initiated	Not Initiated	n/a	
<i>ii) Provide education about water-wise lawn and planting systems</i>	On-going		
The Water Resources Educational Program works with the NC Cooperative Extension Service in Guilford County to hold workshops on proper planting techniques, conservation and protecting water quality. The Cooperative Extension also has a rain barrel program that the City promotes.	On-going	On-going	Water Resources
<i>iii) Work with community partners to model projects that promote conservation of outdoor water use, including reducing the amount of high maintenance lawn plantings, use of native and low-water-use plants and water-saving lawn and gardening management processes</i>	On-going		
The Water Resources Educational Program works with the NC Cooperative Extension Service in Guilford County to hold workshops on proper planting techniques, conservation and protecting water quality. The Cooperative Extension also has a rain barrel program that the City promotes.	On-going	On-going	Water Resources
<i>iv) Subsidize the cost of water saving equipment (rain barrels, bio-swales, low flow fixtures and appliances) and replacement of paving and plant materials</i>	On-going		
The Water Resources Educational Program works with the NC Cooperative Extension Service in Guilford County to hold workshops on proper planting techniques, conservation and protecting water quality. The Cooperative Extension also has a rain barrel program that the City promotes.	On-going	On-going	Water Resources
<i>v) Monitor the impact on water use in demonstration neighborhoods</i>	Not Initiated		
Not Initiated	Not Initiated	n/a	
<i>vi) Develop a report on annual water use savings compared with typical neighborhoods</i>	Not Initiated		
Not Initiated	Not Initiated	n/a	
Strategy 6B: Promote Water Conservation through Billing System			
<i>i) Provide past water usage information on monthly City Services billing statements.</i>	Underway		
Monthly mailed water service statement does not contain water consumption information; however, historic water consumption and account activity is available to individual property owners by signing up for a free premium access account on-line through the City's website at on-line payment link on Water Resource's portal.	Underway	FY 10/11	Water Resources

Sustainability Action Plan Review

Waste Reduction and Recycling	Status	Anticipated Completion	Champion Department
Policy 7: Employ a combination of expanded recycling infrastructure, regulations and incentives to increase Greensboro's solid waste diversion and recycling rates.			
Strategy 7A. Expand Multifamily Recycling			
<i>i) Continue and expand current programs to bring city solid waste services to multifamily housing communities.</i>	Complete		
2,500 16 gallon bins purchased for public housing residents living in Greensboro Housing Authority communities (scheduled for FY13). Funded through 2009 ARRA.	Complete	FY 2013	Field Ops
Currently collecting from 61 locations every Wednesday. 183 tons of recyclables in FY 2010/2011.	Ongoing / In Effect	FY 2013	Field Ops
390 additional locations eligible for multifamily service in FY 13. A service day expansion proposed for FY13 will add additional days during the week.	Underway	FY 2013	Field Ops
<i>ii) Continue to create new recycling drop sites. For example, each new fire station/recreation center would become a drop site.</i>	Complete		
FY 11/12 Purchased 1,400 96 gallon carts for additional recycling services (City facilities, multifamily communities). Funded through ARRA 2009.	Complete	FY 11/12	Field Ops
82 plastic combo recycling units purchased - 26 for the Coliseum Complex, 56 for municipal parking decks.	Complete	began Jan	Field Ops
Purchased 80 steel 34 gallon recycling containers for Parks & Rec and 8 yard recycling dumpsters placed at key locations. (ARRA funding)	Complete	FY 11/12	Field Ops
Increased number of recycling drop sites from 17 to 21 in 2011. (from 9 in 2009)	Complete	FY 11/12	Field Ops
Strategy 7B. Develop New Recycling Planning and Regulations			
<i>i) All users of solid waste pick up services should be charged on the same basis; that is, all users be charged solely through the general fund, or all users be charged through the general fund and a fee basis that is the same for all.</i>	Not Initiated		
Not Initiated	Not Initiated	n/a	
<i>ii) Recycling services be provided to all users at no other charge than through the general fund or standard service fee.</i>	Not Initiated		
Not Initiated	Not Initiated	n/a	
<i>iii) Modify the Land Development Ordinance to incentivize the provision of recycling facilities on site. After the first two recommendations are achieved, modify the Land Development Ordinance to require new developments to offer recycling facilities onsite.</i>	Not Initiated		
Not Initiated	Not Initiated	n/a	
<i>iv) After the three preceding recommendations have been implemented, Greensboro will then consider how to achieve the goal of mandatory recycling, with an appropriate enforcement mechanism.</i>	Not Initiated		
Not Initiated	Not Initiated	n/a	
Strategy 7C. Develop a Recycling Incentive Program			
<i>i) Continue to pursue partnering opportunities with third-party providers of recycling incentive programs.</i>	Not Initiated		
The Field Operations Department in conjunction with the EECBG formula grant has been working with business entities to develop an approach for establishing an incentive program.	Not Initiated	n/a	Field Operations
<i>ii) Consider a smaller scale pilot program, perhaps a 10,000 home pilot.</i>	Not Initiated		
The Field Operations Department in conjunction with the EECBG formula grant has been working with business entities to develop an approach for establishing an incentive program.	Not Initiated	n/a	Field Operations

Sustainability Action Plan Review

Waste Reduction and Recycling	Status	Anticipated Completion	Champion Department
<i>iii) Incentives would be based on a coupon program where recycling customers would receive coupons to receive discounts for products based on their participation. Coupons would be for local businesses when possible</i>	Not Initiated		
Not Initiated	Not Initiated	n/a	
Strategy 7D. Eliminate Plastic Bags			
<i>i) Develop a zero plastic bag policy for over-the-counter sales in cooperation with local retailers</i>	Planned		
CSC priority initiative for 2016.	Planned		

Sustainability Action Plan Review

City Operations	Status	Anticipated Completion	Champion Department
Policy 8: Develop standards, infrastructure, practices and projects to make City operations more energy, resource and cost efficient.			
Strategy 8A. Establish a Cash Flow Sustainability Account to Fund Future Projects			
i) Establish a Cash Flow Sustainability Account that diverts 50 percent of savings from new energy efficiency and conservation measures in City operations to help fund future sustainability initiatives that require some upfront money.	Not Initiated		
Not Initiated	Not Initiated	n/a	
Strategy 8B. Develop Green Building Standards for New or Renovated City Facilities			
i) Adopt a green building certification standard and/or sustainable building standard for new construction and substantial renovations of City facilities	Not Initiated		
Not Initiated	Not Initiated	n/a	
Strategy 8C. Develop Infrastructure for the Energy Management Program			
i) Purchase software, hardware and associated equipment to implement an Energy Management Program for the 25 City facilities with the highest energy use to leverage savings from new and existing building automation systems, monitor energy use and costs, identify issues and prioritize savings opportunities	Complete		
Sub-metering project expanded to include energy analytics software system for 12 buildings, mostly large and mostly included in a performance contract. Includes monitoring of equipment operating by building automation systems.	Complete	July 2012	Engineering & Inspections
ARRA funded Sub-Metering project including 11 City owned facilities. The City has purchased and implemented a utility billing data management software called Utility Manager Pro. It captures 1200/month utility bills that the City receives for electric, natural gas and water/sewer. Through the City's Sub-metering project its install software and hardware to monitor and track building and equipment level energy use on a 15 minute interval. This is for the 11 largest buildings and the largest HVAC equipment within those buildings.	Complete	July 2012	Engineering & Inspections
Strategy 8D. Re-commission City Buildings			
i) Over the next three years, re-commission (return building equipment to original performance) 10 of the City's facilities with the highest energy use in addition to the six buildings already scheduled to be re-commissioned	Complete		
No additional formal building re-commissioning during 2011.	Complete Prior to SAP		
Strategy 8E. Further Develop Energy Management Team			
i) Implement a "City Green Team" to share best practices across the organization.	Complete		
Included in Sustainability Challenge (See below)	Complete	Jul-05	Neighborhood
ii) Establish a long range plan to seek additional resources to expand the Energy Management Team to include a dedicated HVAC specialist to identify savings opportunities in mechanical systems equipment and operations	Not Initiated		
No action taken due to budget constraints.	Not Initiated	n/a	
Strategy 8F. Reduce Solid Waste in City Operations			
i) Make waste reduction a priority goal and facilitate and encourage recycling at all City buildings and facilities, particularly parks and recreation facilities and sites where high amounts of plastic drink bottles are generated	On-going		

Sustainability Action Plan Review

City Operations	Status	Anticipated Completion	Champion Department
Designated two separate routes for City facilities that are serviced with recycle carts or 8yd commercial dumpsters to track tons to coincide with waste reduction federal funding requirements. The government routes collected over 965 tons of recyclable material in FY 11/12. 80 Receptacles have been ordered for picnic shelters at parks and 2 in 1 receptacles have been placed downtown and at the Coliseum.	On-going		Field Ops
<i>ii) Provide recycling infrastructure at all City run facilities, such as under desk recycling canisters at each work station, in cubicles, etc.</i>	Complete		
For FY 11/12, Purchased 500 16 gallon recycling bins for City offices using 2009 ARRA funding.	Complete	FY 11/12	Field Ops
<i>iii) Establish policies and minimum standards to target source reduction, including:</i>	Complete		
Sustainability Challenge is the kick off for City Staff for employees to play an active role in helping their offices become more energy and resource efficient. With mandatory sustainability efforts expected to begin Jan 2013.	Complete	Jan-13	Neighborhood Development

Sustainability Action Plan Review

Nature in the City	Status	Anticipated Completion	Champion Department
Policy 9: Establish and enhance green corridors, parks and other City spaces to be used for community gardens, green technologies, recreation, habitat and other community			
Strategy 9A. Promote Urban Agriculture			
<i>i) Identify parcels of City-owned land that could be used for community gardens and training citizens in community gardening</i>	Underway		
Inventory of City-owned parcels potentially suitable for community gardens (either as temporary or long-term uses) has been completed.	Complete	Jan 2014	Planning
a) The Keeley Park Community Garden will begin operations in the beginning of March, 2012. The state of the art greenhouse will be utilized as a teaching greenhouse for such programs as Seed to Table, Plant a Row for the Hungry, as well as basic teaching of plant propagation. The adjoining community garden will be available to the public for use in the same manner we handle our other community gardens (Steelman Park and Village at Northside) in that plots will be available for annual rentals, plot-owners will be taught the basics of raising vegetables, fruits, and herbs for family consumption, health and well being and community building.	Ongoing/In Effect	Mar-12	Parks & Rec
b)Caldcleugh Cultural Arts Center is in the preliminary stages of identifying funding and the core group of stakeholders. Grants have been applied for but not notified yet of the outcome. Parks and Recreation staff continue to meet with neighborhood associations and other groups to educate on the benefits of community gardening.	Ongoing/In Effect		Parks & Rec
<i>ii) Use the participatory technique and create partnerships for designing and establishing a sustainable community-based food system</i>	Underway		
Using the greenhouse and the outdoor classroom areas at Keeley Park, other community gardens as well as anyone interested in vegetable gardening, will be invited to regular programming and hands-on greenhouse use. This appeal to the general public will assist us in creating other partnerships, such as the one already present with the NC Extension Service and the Master Gardeners. We also hope that people participating and learning this 'how to' programming will take it back to their community to increase interest and participation in community gardening.	Underway and Planned	tbd	Parks & Rec
<i>iii) Create an urban demonstration garden in the downtown area that showcases sustainable techniques such as sheet-mulching, composting, rainwater catchment, herb spirals and multi-level plantings</i>	Planned		
This needs to be developed by identifying public space available. The closest place we currently have to the downtown area is the site of the future Ole Asheboro Park. Ole Asheboro Park, a one-acre site donated to Parks & Recreation, is located adjacent to Musikgarten at the corner of Lee and Arlington Streets. The development of this small, primarily passive park will provide a much needed beautification effort and park facility in this area, which is expected to be redeveloped extensively in the future. The project will include two phases. The first phase features construction of an accessible walking path, open meadows and shade trees, a stone wall and steps, shade structures, bio-retention cells, and earth mounds as foundations of the Thomas Berry children's garden. The second phase, which will be constructed in the future as funds become available, will include construction of the remaining elements of the children's garden, to include sensory plantings, public art, and natural play and interpretive features. As a footnote, there are existing opportunities to create a rainwater catchment system (much like what is currently available at the Kathleen Clay Library at Price Park) and several wetland educational constructions sites at Keelev Park	Planned	tbd	Parks & Rec
<i>iv) Provide funding and support from grants and work done by volunteers from the community or local colleges and universities</i>	Not Initiated		
Not Initiated	Not Initiated	n/a	

Sustainability Action Plan Review

Nature in the City	Status	Anticipated Completion	Champion Department
<i>v) Continue to support the City and regional Farmer's Markets and other activities that highlight the benefits of locally grown foods</i>	Complete		
Parks and Recreation staff are members of Piedmont Grown, a local association in support of farmers and Farmer's Markets.	Complete	On going	Parks & Rec
Strategy 9B. Establish Green Corridors and Wild Spaces			
<i>i) Work in concert with local land conservation organizations to restore and protect healthy ecosystems by designing and creating space for wild areas in parks and greenways that enhance biodiversity and connections with the natural world.</i>	Ongoing/In Effect		
Parks and Recreation held a workshop on invasive plants recently at Guilford Woods. Another workshop will be held at Guilford Woods in March, 2012.	Ongoing/In Effect		Parks & Rec
<i>ii) Expand naturalization of stream banks to more public lands</i>	Not Initiated		
Not Initiated	Not Initiated	n/a	
<i>iii) Identify opportunities to link preservation of natural areas and landscapes with preservation of historic buildings, campuses and villages</i>	Underway		
Downtown Greenway	Underway	2018	
Strategy 9C. Establish a Revolving Loan Fund to Support Sustainability and Greening Projects			
<i>i) Support urban sustainability and greening projects with micro-loans and/or a low-interest revolving loan fund</i>	Complete		
Better Buildings Program complete. Through the Better Buildings program a Revolving Loan Fund was created specifically for commercial projects designed to be awarded half in loans and half in grant dollars.	Complete	May-13	Neighborhood Development

Sustainability Action Plan Review

Education and Outreach	Status	Anticipated Completion	Champion Department
Policy 10: Support development of community leadership and volunteer programs to further community energy and sustainability efforts.			
Strategy 10A. Develop Youth Energy Leadership Project			
<i>i) Identify youth between ages of 12 to 21 (middle school to college) through schools and community organizations to participate in leadership development on energy and sustainability</i>	Complete		
The \$60,000 in 2 grants that we have given to Guilford County Schools has gone to help create and expand it to over 50% of the 120 schools in the system. The program involves teachers and students in learning about energy efficiency and in helping learn behaviors that help save energy. Students at all levels learn leadership and group cooperation as they form "energy patrols" to audit the various schools' energy use, then provide feedback and reinforcement of energy-saving behavior to their peers.	Complete	?	Planning
<i>ii) Establish resources to train at-risk youth in practical skills for jobs such as weatherization and energy auditing</i>	Not Initiated		
Not Initiated	Not Initiated	n/a	
Strategy 10B. Develop Neighborhood Leadership Program			
<i>i) Encourage neighborhood leaders and organizations to promote and advance green initiatives</i>	On-going		
The Field Operations Department offers extensive opportunities for teachers, organizations, neighborhoods, and individuals to learn about recycling and waste reduction. They will tailor presentations to fit the needs of any group -- all ages and any size, at your location or ours. They also support special events that focus on recycling and waste reduction. Over 10,000 education/outreach contacts were made in CY 2011.	On-going	On-going	Field Ops
The Water Resources Education and Outreach program provides opportunities for residents to play an active role in protecting our limited water resources. Water Resources staff members participated in 11 different events with civic groups, schools, and businesses to conduct activities and give presentations that encourage residents to conserve water and protect our water quality. They reached over 1,000 people of all ages in the community. Examples of projects include: Drain Marker program, Adopt A Stream Program, Poster Contest, Customer Service Bags and the coordination of the annual Water Festival for over 350 fifth-graders each spring at Lake Townsend.	On-going	On-going	Water Resources
<i>ii) Offer workshops and seminars to provide detailed instruction regarding energy audits and weatherization.</i>	Underway and Planned		
Most of the programs being offered by the library are directed at families and at providing detailed instruction on home weatherization and alternative energy. In addition, the work of ESG is aimed at educating the "neighborhood" of Partnership Village in energy efficiency techniques and behaviors, and the workshops to be held at Elsewhere in Spring, 2012 will focus on bringing alternative energy knowledge to families and individuals. All of these were funded by the E3 grant.	Underway and Planned		Neighborhood Development / Libraries
<i>iii) Support efforts with potential grants from community organizations for selected programs and projects</i>	Complete		
Neighborhood sustainable design consultation project complete. Cottage Grove neighborhood received a free neighborhood design consultation in 2012 from Global Green USA with the help of a grant from the Environmental Protection Agency's (EPA) Building Blocks for Sustainable Communities Program. Over the next six months, sustainability experts will visit Greensboro and provide comprehensive recommendations for infrastructure and policy changes aimed at helping build a future that is more resource-efficient, livable, healthy, and environmentally responsible. (See Also Policy 1, 1C)	Complete	Feb 2013	Planning
Strategy 10C. Develop Environmental Educators Network for Community Education			

Sustainability Action Plan Review

Education and Outreach	Status	Anticipated Completion	Champion Department
<i>i) Encourage neighborhoods and community organizations to identify volunteers to participate as trained environmental educators in Greensboro schools, organizations and neighborhoods and as community organizers</i>	Complete		
Two programs offered to teachers to show green businesses in action and to provide hands-on curriculum materials as well as energy lessons to share with their students. Energy Tours for Teachers / Project Learning Tree Energy and Society. 28 Teachers	Complete	Feb 3/4 2012	Library
<i>ii) Involve local university and college students with interest and skills in community assessment and organization in training and supporting volunteers</i>	Underway and Planned		
The programs offered by the library, by ESG Energy, by Advanced Energy (doing energy audits of small commercial buildings) and by Elsewhere are all using college interns to learn how to do energy audits, teach energy efficiency behaviors, and help with organizational efforts.	Underway and Planned		Neighborhood Development / Libraries

Sustainability Action Plan Review

Education and Outreach	Status	Anticipated Completion	Champion Department
Policy 11: Provide technical support, awards and recognition to individuals and organizations furthering Greensboro's energy and sustainability efforts.			
Strategy 11A. Provide Residential and Commercial Energy Audit Templates and Support			
<i>i) Include on the CSC web site a section with residential and commercial energy audit templates (or a link to sites)</i>	Not Initiated		
Not Initiated	Not Initiated	n/a	
<i>ii) Establish residential awareness programs at City libraries and recreation centers and pursue acquiring home energy awareness tools, such as "kill-a-watt" type meters, for each of the branch libraries that residents can sign out</i>	On-going		
Strategy 11B. Link with and Improve Communications with Community Non-profit Resources			
<i>i) Include on the CSC web site links to local non-profits that have made a sustained and compelling contribution to the environmental health and well being of the community, as well as a calendar of upcoming events</i>	Not Initiated		
Not Initiated	Not Initiated	n/a	
<i>ii) Have the CSC participate in the local Earth Day and similar events to help publicize organizations and their award recipients</i>	Planned		
Per CSC, they have participated in such events. Contact Melanie for specific details.	Planned		Libraries
<i>iii) Encourage a local non-profit to create a web site highlighting select local environmental success stories, awards and award recipients</i>	Not Initiated		
Per CSC, Haven't found appropriate willing organization	Not Initiated	n/a	
Strategy 11C. Incentivize Action with Green Stars and Other Programs			
<i>i) Develop and issue Greensboro Green Star Certificates of Appreciation by nomination to support local awareness of outstanding contributions</i>	Not Initiated		
Per CSC, discussed, but not implemented	Not Initiated	n/a	
<i>ii) Develop and issue annual Greensboro Green Star Awards for energy/sustainability leadership for small business, education, nonprofits, neighborhood or community action and youth projects</i>	Not Initiated		
Per CSC, discussed, but not implemented	Not Initiated	n/a	
<i>iii) Communicate awards to local media and the community</i>	Not Initiated		
Not Initiated	Not Initiated	n/a	
Strategy 11D. Support Energy and Sustainability Outreach Coordination			
<i>i) Support energy outreach and coordination by City staff, including the coordination strategy identified in the City's EECS</i>	Complete		
Sustainability Challenge is the kick off for City Staff for employees to play an active room in helping their offices become more energy and resource efficient. With mandatory sustainability efforts expected to begin Jan 2013.	Complete	Jan-13	Neighborhood Development
<i>ii) Communicate best practices, support CSC efforts, provide "Green Moments" on Channel 13, maintain a web site, provide a speakers' bureau on energy and sustainability topics and coordinate events and awards</i>	On-going		
City uses their website to promote the City's commitment encouraging local sustainability. The website is continuing to evolve to include up to date information on the City's energy initiatives such its Formula Grant from the Department of Energy (DOE) and its Better Buildings for Greensboro Program.	On-going	On-going	Public Affairs
Strategy 11E. Develop Education on Carbon Footprint Reduction			

Sustainability Action Plan Review

Education and Outreach	Status	Anticipated Completion	Champion Department
<i>i) Create teaching “moments” focusing on practices that reduce GHG footprints as individuals and as a community in vegetation management, such as reducing water and energy use associated with lawns and maintaining best tree and plant choices for GHG reductions</i>	On-going		
The Water Resources Educational Program works with the NC Cooperative Extension Service in Guilford County to hold workshops on proper planting techniques, conservation and protecting water quality. The Cooperative Extension also has a rain barrel program that the City promotes.	On-going	On-going	Water Resources
<i>ii) Expand public-private partnerships with other organizations and institutions to foster ecologically sustainable practices, enhance beauty and reduce the community GHG footprint</i>	Not Initiated		
Not Initiated	Not Initiated	n/a	

Sustainability Action Plan Review

Adaptation	Status	Anticipated Completion	Champion Department
Policy 12: The City should develop a framework for adapting to a changing climate and integrating adaptation into its plans, ordinances and programs.			
Strategy 12A. Develop Beneficial Adaptation Strategies and Partnerships			
<i>i) Give priority to adaptation strategies that initiate, foster, and enhance existing efforts that improve economic and social well-being for Greensboro's citizens, public safety and security and public health.</i>	Not Initiated		
Not Initiated	Not Initiated	n/a	
<i>ii) Establish and retain strong partnerships with federal, state and local governments, private business and landowners, and non-governmental organizations to develop and implement collaborative adaptation strategies over time.</i>	Not Initiated		
Not Initiated	Not Initiated	n/a	

Sustainability Action Plan Review

Green Technology	Status	Anticipated Completion	Champion Department
Policy 13: As this Action Plan is implemented and updated in the future, it is recommended that the City continue to explore the following green technologies and resources:			
<ul style="list-style-type: none"> • Biofuels/landfill gas • Active solar hot water • Solar photovoltaics (PV) • Industrial scale waste heat recovery • Smart grid 			
These items could be implemented in future repair/replacement of systems at existing City facilities and/or included in construction of new City facilities.			
Use of these items by non-City entities could be encouraged through the incentive programs administered by the City's Economic Development and Business Support office.			
Without specific Strategies and Action Items, this Policy is ineffective. It should be either fully developed, or merged into some other policy, such as Green Buildings & Jobs.			