



C H A T H A M C O U N T Y - S A V A N N A H
METROPOLITAN PLANNING COMMISSION

"Planning the Future - Respecting the Past"

M E M O R A N D U M

DATE: May 4, 2009

TO: The Planning Commission

FROM: Thomas L. Thomson, Executive Director *TLT*

SUBJECT: Chatham Environmental Forum Green Plan and MPC Tricentennial Plan Comparison Report

The Chatham Environmental Forum (CEF) presented their plan, "A Road Map for Chatham County," to the Board of Commissioners on Friday, February 27th. During this presentation, the CEF requested County staff review the plan and identify aspects that may be implemented by the County government.

MPC staff has reviewed the CEF goals, objectives and action items with relation to MPC operations and goals set forth in the MPC Tricentennial Plan in the attached document. Progress on implementation of many of these elements will be directly impacted by budget cuts.

On May 5th Mr. Larry Miles, Chairman of the CEF, will present a brief overview of their process and strategic plan. MPC staff will then provide an overview of the comparison with MPC operations.

If you have any questions, feel free to call me at 651-1446 or contact Ms. Bethany Jewell, the MPC Natural Resource Planner, at 651-1456.

TLT/bj

cc: Bethany Jewell

Enclosures

Chatham County – Savannah Tricentennial Comprehensive Plan
And
Chatham Environmental Forum Strategic Plan
Comparison Report

May 2009

NOTE: This report addresses the CEF goals, objectives and action items with relation to MPC operations and goals set forth in the MPC Tricentennial Comprehensive Plan. Progress on implementation of many of these elements will be directly impacted by budget cuts. Items of possible MPC engagement which are notated with an asterisk () indicate job responsibilities that could be assumed with additional resources. First evaluation of need reveals all asterisk items could be addressed with funding for two to three staff persons.*

Green Space and Land Use Integration

CEF Strategic Plan	Chatham County - Savannah Tricentennial Plan	Areas of MPC Engagement
3.1 Green Space and Land Use Integration		
1::Jurisdictional Collaboration: Foster dialogue and a unified working relationship between all jurisdictions in the County to facilitate continuity and create a level playing field in land use decisions and green space		
<i>Objective 1:: Maintain the integrity of ecological systems throughout Chatham County.</i>		
Action Item A:: Define criteria for prioritizing ecological systems in the County.	5.6 Natural Resources/Goal D/Objective 2/Strategy a: Survey Chatham County for protected species' habitat as identified by the Non-Game and Natural Heritage Section of DNR's Wildlife Resources Division. 5.2 Land Use/Goal D: Establish a foundation for environmental resource protection.	Current: Chatham County Resource Protection Commission adopted Site Ranking Manual January 2009.
Action Item B :: Establish the mechanisms (land acquisition, conservation easements, land use regulations, adjacent to sensitive lands, etc.) for the protection of high priority ecological systems.	5.6 Natural Resources/Goal D/Objective 1: Provide mechanisms for open space, green space and habitat preservation, identified in the Natural Resources Inventory, through land acquisition, conservation easements and incentives.	Current: Chatham County Resource Protection Commission adopted Site Acquisition Policy in 2009 to assist with the process.
Action Item C:: Define green space and openspace and use consistent terms among all ordinances and regulations.	5.6 Natural Resources/Goal A/Objective 1: Adopt a unified natural resource protection ordinance that is simple, clear, objective and enforceable.	Current: Being addressed through the Unified Zoning Ordinance process.
Action Item D:: Establish green space criteria requirements based on net developable area.	5.6 Natural Resources/Goal A/Objective 1/Strategy c: Incorporate additional natural resource protection measures, including greenspace standards.	Current: Being addressed with the open space requirements of the Unified Zoning Ordinance.
<i>Objective 2:: Promote efficient land use.</i>		
Action Item A:: Define efficient land use in terms of density, scale, design, natural resources, transportation alternatives, development standards and regulations.	5.2 Land Use/Goal E: Establish a foundation for historic and cultural resource protection. 5.2 Land Use/Goal F: Establish a foundation for preserving and enhancing the public realm. 5.2 Land Use/Goal G: Reduce automobile dependence and associated congestion and pollution by providing a broad range of land development options. 5.4 Housing/Goal G: Integrate housing, transportation and land use planning to create better communities and neighborhoods.	Current: Being addressed by several divisions of the MPC through the Unified Zoning Ordinance, the Coastal Stormwater Supplement and Historic Preservation Review Board.

Green Space and Land Use Integration

CEF Strategic Plan	Chatham County - Savannah Tricentennial Plan	Areas of MPC Engagement
Action Item B:: Ensure that development regulations allow and promote efficient land use.	5.2 Land Use: The land use vision for the Tricentennial Plan is to provide a rational foundation for land use planning and zoning in unincorporated Chatham County and the City of Savannah.	Current: Being addressed in the Unified Zoning Ordinance.
Action Item C:: Ensure that community gardens can exist legally within all zoning districts.	<i>Amendment to the plan addressing this topic is being researched.</i>	Current: Being addressed in the Unified Zoning Ordinance.
Action Item D:: Evaluate where density bonuses are appropriate and develop a graduated scale for incentives.	5.2 Land Use/Goal D/Objective 4: Expand incentives for green space in new developments. 5.6 Natural Resources/Goal A/Objective 3/Strategy b: Offer incentives for using LID standards including green developer award and increased impervious surface limit. 5.6 Natural Resources/Goal A/Objective 4/Strategy a: Offer incentives, such as tax breaks, fee reductions, impervious surface credits, recognition, etc., for new construction that is Leadership in Energy and Environmental Design (LEED) certified.	Current: Being addressed in the Unified Zoning Ordinance under Cluster Development Standards.
Action Item E:: Utilize net density instead of minimum lot sizes in selected zoning districts.	<i>Amendment to the plan addressing this topic is being researched.</i>	Current: Being addressed with cluster development standards in the Unified Zoning Ordinance.
Action Item F:: Ensure that development standards appropriately reflect community character as reflected in lot sizes, setbacks, building types, vegetation, canopy cover, massing and scale.	5.2 Land Use/Goal C/Objective 1: Ensure that land use characteristics of all neighborhoods and communities are documented. Objective 2: Ensure that policies are in place to protect (or constructively change) neighborhood land use characteristics.	Current: Being addressed by the Historic Preservation Commission (City and County).
Action Item G:: Create a map based on the recently adopted land use map to illustrate intended density and character.	5.2 Land Use/Goal A/Objective 3/Strategy a: Use the maps, statistical tables and recommendations in this element as the basis for new zoning standards and uses.	Completed: The Chatham County - Savannah Land Use Map was adopted in 2006 and illustrates intended density and character.
Action Item H:: Raise the importance of design as criteria for land use decisions.	5.2 Land Use/Goal E/Objective 1: Develop neighborhood design standards for all historic districts to ensure preservation of historic attributes, where supported by residents in those areas.	Current: Being addressed by the Historic Preservation Commission (City and County).
Objective 3:: <i>Promote conservation of sensitive lands and natural resources.</i>		

Green Space and Land Use Integration

CEF Strategic Plan	Chatham County - Savannah Tricentennial Plan	Areas of MPC Engagement
Action Item A:: Verify that the tax assessor's office accounts for the existence of conservation easements when determining assessed value of properties.	5.6 Natural Resources/Goal D/Objective 1/ Strategy h: Provide incentives for private property owners to protect open space conservation areas and habitats by offering property tax reductions for conservation easements.	<i>Recommended item for the Chatham County Board of Assessors.</i>
Action Item B:: Require local governments to abide by the tree ordinance and educate work crews about the requirements and best practices.	5.4 Housing/Goal G/Objective 3: Protect residential neighborhoods, public landscaping and canopy trees from adverse impacts of road improvement projects.	Future: Will be addressed in the 2035 Long Range Transportation Plan update and the Unified Zoning
Action Item C:: Encourage all jurisdictions to develop and implement a comprehensive urban forestry program to include enforcement and maintenance.	5.6 Natural Resources/Goal E/Objective 1/ Strategy a: Create policies and incentives that encourage new development to protect naturally forested uplands as community green space.	Possible: MPC staff could assist in coordination for an urban forestry program information.
Action Item D:: Support adoption of the Coastal Stormwater Supplement (CSS) to encourage the use of low impact development stormwater strategies, including the incorporation of trees as an integral part of the stormwater management system.	5.6 Natural Resources/Goal G/Objective 4: Adopt stormwater system improvement and maintenance policies that protect water quality. 5.6 Natural Resources/Goal G/Objective 4/ Strategy a: Amend stormwater engineering policies to incorporate drainage designs that more closely mimic natural environments.	Current: Natural Resources staff currently working with local jurisdictions to adopt the CSS under their Stormwater Management Plans. These include: unincorporated Chatham County, the cities of
Action Item E:: Promote deeding of green space to a local government or other nonprofit organization for preservation.	5.6 Natural Resources/Goal D/Objective 1: Provide mechanisms for open space, green space and habitat preservation, identified in the Natural Resources Inventory, through land acquisition, conservation easements and incentives.	Current: Chatham County Resource Protection Commission TAC Education and Outreach Committee is currently addressing promotion of greenspace preservation and conservation
Action Item F:: Support funding for Natural Resources Protection Commission to purchase and maintain environmentally sensitive lands.	5.6 Natural Resources/Goal D/Objective 1/ Strategy e: Dedicate local funds (e.g. a portion of County SPLOST funds) towards green space acquisition, and employ a staff green space coordinator.	Current: Chatham County Resource Protection Commission currently identifying funding mechanisms.
2:: Tools & Best Practices Promote sustainable and informed green space / land use decisions through the development and use of analytical tools and by using best management practices.		
Objective 1:: Base decisions on sustainable, objective criteria and data.		

Green Space and Land Use Integration

CEF Strategic Plan	Chatham County - Savannah Tricentennial Plan	Areas of MPC Engagement
Action Item A:: Develop a Critical Thinking Matrix to evaluate decisions that includes categories as outlined during the Rocky Mountain facilitated session. (Categories: Community, Economy, Self-Reliance & Security, Finances & Affordability, Environment, Long-Term Effects, Off-Site Effects, Multiple Benefits) Note: Such a matrix could be customized as a tool for each topic area.	<i>Amendment to the plan addressing this topic is being researched.</i>	Possible: MPC staff could assist.
Action Item B:: Create a database/GIS layer for drainage basins, preserved lands and sensitive lands. Identify ownership/jurisdictions for such properties.	5.6 Natural Resources/Goal F/Objective 2/ Strategy b: Create a countywide map of isolated wetlands and their functionality.	Current: SAGIS and MPC staff currently defining layer.
Objective 2:: <i>Promote green building.</i>		
Action Item A:: Require all new local government facilities to achieve LEED certification.	5.6 Natural Resources/Goal A/Objective 4: Encourage energy efficiency and natural resource protection in new construction.	<i>Recommended item implementation in Municipalities or County policies.</i>
Action Item B:: Create incentives and/or requirements for green building in the private sector.	5.6 Natural Resources/Goal A/Objective 3/ Strategy b: Offer incentives for using LID standards including green developer award and increased impervious surface limit. 5.6 Natural Resources/Goal A/Objective 4/ Strategy a: Offer incentives, such as tax breaks, fee reductions, impervious surface credits, recognition, etc., for new construction that is Leadership in Energy and Environmental Design (LEED) certified.	Current: Being addressed in the Unified Zoning Ordinance. New Stormwater Management Plans based upon guidelines set forth in the Coastal Stormwater Supplement add further regulations and incentives.
Action Item C:: Create incentives for rehabilitation and upgrades to existing structures for greater energy efficiency.	5.4 Housing/Goal E/Objective 1: Create incentives, strategies, and funding mechanisms for renovation and rehabilitation of existing housing stock and compatible infill	<i>Recommended item for Engineering and Building Codes and Enforcement.</i>
3:: Education & Awareness Increase public awareness and understanding of a whole-systems approach for land use and green space management.		
Objective 1:: <i>Create support for the establishment and implementation of efficient land use policies and regulations.</i>		
Action Item A:: Identify target markets and outreach mechanisms.	5.2 Land Use/Goal A/Objective 1: Ensure that the Comprehensive Plan provides clarity about public policy on growth and development in Chatham County and Savannah.	Ongoing: MPC staff provide public outreach. Further efforts will follow the Unified Zoning Ordinance.

Green Space and Land Use Integration

CEF Strategic Plan	Chatham County - Savannah Tricentennial Plan	Areas of MPC Engagement
Action Item B:: Develop a public relations campaign about efficient and balanced land use.	5.2 Land Use/Goal A/Objective 1/Strategy a: Obtain broad public support for the Land Use Plan through public education and consensus-building meetings.	Ongoing: MPC staff provide public outreach. Further efforts will follow the Unified Zoning Ordinance.

Energy

CEF Green Plan	Chatham County - Savannah Tricentennial Plan	Areas of MPC Engagement
3.2 Energy		
1::Energy Efficient County Buildings Improve the energy efficiency of County owned buildings to reduce total energy consumption by 15% by 2010, based on the consumption rate for baseline year chosen by the County through their ICLEI greenhouse gases (GHG) inventory process to ensure the County exceeds the Governor's energy challenge of 15% energy reduction below fiscal year 2007 levels by 2020.		
<i>Objective 1(st):: Acquire baseline energy consumption data for Chatham County-owned buildings (e.g. kWh, natural gas usage, etc.).</i>		
Action Item A (st):: Ensure that the ICLEI inventory for the County is completed; have energy consumption compiled in separate databases. This would mean locate the energy consumption data (e.g. kWh, natural gas usage, etc.) in a separate database from the ICLEI carbon emissions database to assist in analyzing changes in energy consumption.	<i>Amendment to the plan addressing this topic is being researched.</i>	<i>MPC currently undergoing own process through the MPC 2010 Sustainability Initiative.</i>
Action Item B (st):: Develop strategies to reduce energy consumption based on baseline information.	<i>Amendment to the plan addressing this topic is being researched.</i>	<i>MPC currently undergoing own process through the MPC 2010 Sustainability Initiative.</i>
<i>Objective 2 (st):: Enforce ASHRAE 90.1 for any new Chatham County owned buildings.</i>		
<i>Objective 3 (mt):: Require LEED Silver certification for any County owned building.</i>		
<i>Objective 4 (mt):: Implement an Environmental Management System (EMS) for the County governmental operations through the Pollution Prevention Assistance Division (P2AD) Partnership for a Sustainable Georgia Program to which Chatham County is currently a member.</i>		
Action Item A (mt):: Utilize P2AD Partnership Program to assist in defining and implementing an EMS for Chatham County local government operations.	<i>Amendment to the plan addressing this topic is being researched.</i>	<i>MPC Silver Level Partner in the P2AD Partnership for a Sustainable Georgia Program.</i>

Energy

CEF Green Plan	Chatham County - Savannah Tricentennial Plan	Areas of MPC Engagement
Action Item B (mt):: Local Emergency Planning Committee (LEPC) shall host an Environmental Management System training exercise with P2AD for all current LEPC members and the larger business and industrial community. Chatham County employees may attend this training to assist in their efforts.	<i>Amendment to the plan addressing this topic is being researched.</i>	
Action Item C (mt):: Work with Savannah Tech to offer an Environmental Management System implementation course at least once per year.	<i>Amendment to the plan addressing this topic is being researched.</i>	<i>Savannah Tech currently hosts Environmental Building and Inspection Program.</i>
Action Item D (mt):: Require local government staff that direct and implement management operations to take the course (specific job roles to be defined by each governing body).	<i>Amendment to the plan addressing this topic is being researched.</i>	<i>Savannah Tech currently hosts Environmental Building and Inspection Program.</i>
2:: Community Energy Consumption Reduce the community energy consumption of the County, to exclude County governmental usage, by 5% of total energy consumed by 2010 based on the consumption rate for the baseline year chosen by the County through their ICLEI GHG inventory process.		
Objective 1:: <i>Acquire baseline energy consumption data for the Chatham County community (e.g. kWh, natural gas usage, etc.).</i>		
Action Item A (st):: Ensure that the community portion of the ICLEI (International Council for Local Environmental Initiatives) inventory for the County is completed; have energy consumption compiled in separate databases. Meaning, have energy consumption data (e.g. kWh, natural gas usage, etc.) in a separate database from the ICLEI carbon emissions database from ICLEI to better help analyze changes in energy consumption.	<i>Amendment to the plan addressing this topic is being researched.</i>	*Possible: See note on coverage.
Objective 2:: <i>Improve energy efficiency of buildings throughout Chatham County.</i>		
Action Item A (st):: Enforce ASHRAE 90.1 for new public and private non-residential buildings in the County.	5.6 Natural Resources/Goal A/Objective 4: Encourage energy efficiency and natural resource protection in new construction.	<i>Recommended item for County Building Codes and Enforcement.</i>

Energy

CEF Green Plan	Chatham County - Savannah Tricentennial Plan	Areas of MPC Engagement
Action Item B (mt):: Require LEED Silver certification for any government owned building.	5.6 Natural Resources/Goal A/Objective 4: Encourage energy efficiency and natural resource protection in new construction. Strategy a: Offer incentives, such as tax breaks, fee reductions, impervious surface credits, recognition, etc., for new construction that is Leadership in Energy and Environmental Design (LEED) certified.	<i>Recommended item for County policies. The Georgia Chapter of the United States Green Building Council (USGBC) may assist.</i>
Action Item C (st):: Adopt the Energy Star Home Program as a minimum standard for new homes in the County (Energy Star offers a 15% energy reduction.)	5.6 Natural Resources/Goal A/Objective 4: Encourage energy efficiency and natural resource protection in new construction.	<i>Recommended item for County Building Codes and Enforcement.</i>
Action Item D (mt):: Develop and implement the "Porch Light Project," a countywide effort to replace all porch lights in the County with Compact Fluorescent light bulbs (CFLs).	<i>Amendment to the plan addressing this topic is being researched.</i>	*Possible: See note on coveragepage.
Action Item E (mt):: Establish / promote the "Watt Watchers" program in public and private schools located in the County.	<i>Amendment to the plan addressing this topic is being researched.</i>	*Possible: See note on coveragepage.
3:: Transportation Related Consumption Reduce energy consumption for transportation by the County (e.g. CAT, Chatham County vehicle fleet, vehicles contracted by the County).		
Action Item A (st):: Establish baseline.	<i>Amendment to the plan addressing this topic is being researched.</i>	*Possible: See note on coveragepage.
Action Item B (st):: Develop strategies to reduce energy consumption based on baseline information.	<i>Amendment to the plan addressing this topic is being researched.</i>	*Possible: See note on coveragepage.
4::Renewable Energy Increase renewable energy use and production throughout the County to 5% of total energy consumption by 2010 based on baseline year chosen by the County.		
Objective 1 (st):: Establish baseline of current renewable energy sources.		*Possible: See note on coveragepage.
Action Item A (st):: Develop countywide recommendations based upon baseline information.	<i>Amendment to the plan addressing this topic is being researched.</i>	*Possible: See note on coveragepage.
Objective 2 (st):: Chatham County government establishes a goal for itself of 5% renewable use by 2010.		
Objective 3 (st):: Identify environmental and economic goals related to renewable energy usage based upon ICLEI baseline data.		*Possible: See note on coveragepage.
Objective 4 (mt):: Prepare green-collar workforce.		

Energy

CEF Green Plan	Chatham County - Savannah Tricentennial Plan	Areas of MPC Engagement
Action Item A (mt):: Foster current efforts of the Step Up Savannah Initiative to initiate workforce training needs (once identified by the ICLEI baseline data and recruitment needs of employers by creating green pathways out of poverty that focus on recruitment, job readiness, job training and job placement for low-income residents that offer permanent jobs with opportunities for career advancement.	5.3 Economic Development / Goal B: Objective 1/ Strategy b: Provide additional training opportunities to offer specialized workforce skills to meet specific needs identified by businesses seeking to locate in the community. 5.3 Economic Development /Goal B: Recruit diverse and environmentally sensitive, clean industries that pay wages that foster self-sufficiency.	Current: Comprehensive Planning staff current involved in Step Up Savannah Initiative.
Action Item B (mt):: Work with local universities and technical schools to offer green-collar job training courses.	5.3 Economic Development / Goal B: Objective 1/ Strategy b: Provide additional training opportunities to offer specialized workforce skills to meet specific needs identified by businesses seeking to locate in the community.	*Possible: See note on coverage.
Objective 5 (mt):: Help attract renewable energy production companies and manufacturers and create markets for renewable energy		
Action item A (mt): Foster an attractive market environment through the adoption of specific standards for wind energy generation, solar energy generation, cogeneration (simultaneously produces electricity and other useful energy) and necessary infrastructure.	5.3 Economic Development / Goal B /Objective 1/ Strategy e: Recruit industries that commit to providing state of the art water, stormwater, solid waste and air pollution control facilities.	Current: UZO addressing solar energy generation and may draft standards for other renewable energy systems related to zoning.
Action Item B (mt): Encourage the County to conduct a study to inventory all energy resource sites for solar energy generation, cogeneration and wind energy generation within the County.	<i>Amendment to the plan addressing this topic is being researched.</i>	Possible: Comprehensive Planning and SAGIS
Action Item C (mt):: Promote local academic institutions and trade schools to establish curriculum to support the advancement of a local renewable energy infrastructure.	5.3 Economic Development / Goal B: Objective 1/ Strategy b: Provide additional training opportunities to offer specialized workforce skills to meet specific needs identified by businesses seeking to locate in the community.	<i>Savannah Tech currently hosts Environmental Building and Inspection Program.</i>
Action Item D (mt):: Utilize incentives such as the Green Enterprise Zone on President Street with tax abatements and other incentives by the State to attract businesses.	5.3 Economic Development / Goal B: Objective 1/ Strategy e: Recruit industries that commit to providing state of the art water, stormwater, solid waste and air pollution control facilities.	<i>MPC may assist where deemed appropriate.</i>
Action Item E (mt):: Pass a County resolution supporting coastal wind (land and offshore energy production).	<i>Amendment to the plan addressing this topic is being researched.</i>	<i>MPC may assist where deemed appropriate.</i>

Energy

CEF Green Plan	Chatham County - Savannah Tricentennial Plan	Areas of MPC Engagement
Action Item F (mt):: The County Commission offers a property tax exemption for an alternative energy system (i.e. solar) on a residence.	<i>Amendment to the plan addressing this topic is being researched.</i>	<i>MPC may assist where deemed appropriate.</i>
Action Item G (mt):: The County, each municipality and school district, should conduct an inventory identifying public buildings, parking lots and marginal acreage that are well-suited for solar installations.	<i>Amendment to the plan addressing this topic is being researched.</i>	Possible: Comprehensive Planning and SAGIS
Action Item H (mt):: Using the solar installations inventory, select areas best suited for solar installations. Priority considerations should be to a) those installations where all of the electricity generated is used on site and b) buildings that use large quantities of	<i>Amendment to the plan addressing this topic is being researched.</i>	Possible: Comprehensive Planning and SAGIS
Action Item I (mt):: The County installs several one to two kilowatt (1kW - 2kW) solar installations as a pilot demonstration and educational program to stimulate the local marketplace. Additionally, if the County installed a 100 kW solar installation, it would be large enough to resell the power back to Georgia Power's Green Power program (thereby offering a meaningful return on County investment) and it would be a pilot for commercial, rather than just residential	<i>Amendment to the plan addressing this topic is being researched.</i>	<i>MPC may assist where deemed appropriate.</i>
Objective 6 (mt):: <i>Build community support for renewable energy within Chatham County through education and outreach.</i>		
Action Item A (mt):: Chatham County Board of Education should explore Wind for Schools projects in the County. Program is part of the Department of Energy's Wind Powering America program.	<i>Amendment to the plan addressing this topic is being researched.</i>	*Possible: See note on coveragepage.
Action Item B (mt):: Work with Georgia Department of Natural Resources to establish a policy for all new structures at state parks in Chatham County to reach at least LEED Silver certification level. (Similar to Sweetwater State Park in Douglas, Georgia.)	<i>Amendment to the plan addressing this topic is being researched.</i>	<i>MPC may assist where deemed appropriate.</i>
Action Item C (mt):: Develop and implement the Sunshine Bus Stop Project, a countywide effort to install solar powered lighting at bus stops.	<i>Amendment to the plan addressing this topic is being researched.</i>	*Possible: See note on coveragepage.

Transportation

CEF Strategic Plan	Chatham County - Savannah Tricentennial Plan	Areas of MPC Engagement
3.3 Transportation		
1::COMPLETE STREETS Enhance existing and create new streets designed and operated to enable safe, attractive and comfortable access and travel for all users ("complete" streets) - including users such as pedestrians, bicyclist, motorists, transit riders and those with a disability.		
<i>Objective 1: By August 2009, compile guidelines for complete streets for new development, including guidelines for retrofitting existing development where possible.</i>		
Action Item A: Charge Metropolitan Planning Commission (MPC)/ Metropolitan Planning Organization (MPO) staff to gather and compile current data and information, including evaluation of context sensitive design.	Transportation / Goal C / Objective 2: Observe the guidelines set forth in the CUTS MPO (now CORE) "Amenities Resolution" of November 19, 2003 in the drafting and design of all future transportation plans, projects and proposals. 5.7 Transportation / Goal C/ Objective 1/ Strategy C: In cooperation with the MPC, the Chatham County and City of Savannah traffic engineers and the GDOT, develop typical sections for new or improved roadways that include bus stops and bus shelter areas, accessible sidewalks, tree lawns, bicycle lanes, and other features that are desirable to retain the unique character of specific areas <i>where roads will be improved</i>	Completed: MPO adopted Context Sensitive Design Guidance Manual which supports complete streets in December 2006. The 2035 Long Range Transportation Plan Update will incorporate complete street concepts into planned, federally funded transportation projects. Target for adoption will be late 2010.
Action Item B: Establish guidelines for a complete street, involving stakeholders (planners, architects, developers, Georgia Department of Transportation (DOT), etc.) in review process of guidelines.	Strategy c: Work with GDOT to develop specific guidelines and standards for roadway amenities and canopy tree preservation, including: identifying priority corridors for canopy tree preservation, designating appropriate landscaping criteria and specific treatments on a corridor-specific basis, and designating corridor-specific recommendations for sidewalks and bikeways.	Completed: Task completed as part of the Context Sensitive Design Guidance Manual in 2006.

Transportation

CEF Strategic Plan	Chatham County - Savannah Tricentennial Plan	Areas of MPC Engagement
Action Item C: Take guidelines to appropriate governmental entities for approval, adoption and implementation.	Strategy a: In all transportation projects, where not prohibited by federal statues and regulations, consider and include components for the following roadway amenities: tree preservation, planting, landscaping, sidewalks/pedestrian features, and bikeway paths.	Completed: Adopted in 2006 by MPO Board. All municipalities represented on MPO Board.
<i>Objective 2: By December 2009, inventory and then prioritize specific geographic areas for implementation of complete streets</i>		
Action Item A: MPC, MPO and key stakeholders inventory and prioritize locations for complete streets, taking into account adopted guidelines.	5.7 Transportation / Goal C/ Objective 1/ Strategy c: In cooperation with the MPC, the Chatham County and City of Savannah traffic engineers and the Georgia Department of Transportation (GDOT), develop typical sections for new or improved roadways that include bus stops and bus shelter areas, accessible sidewalks, tree lawns, bicycle lanes, and other features that are desirable to retain the unique character of specific areas where roads will be improved.	Future: Will be addressed in the 2035 Long Range Transportation Plan Update.
Action Item B: With key stakeholders, MPC and MPO develop an implementation plan to include prioritization of costs and funding sources.	<i>Comparable action item from the Tricentennial Plan would be a process under the strategy noted above.</i>	Future: Will be addressed in the 2035 Long Range Transportation Plan Update. These are federal requirements for all Long Range Transportation Plans.
Action Item C: Take plan to appropriate governmental entities for approval and adoption.	<i>Comparable action item from the Tricentennial Plan would be a process under the strategy noted above.</i>	Future: Will be addressed in the 2035 Long Range Transportation Plan Update. These units of government are represented on the MPO, which adopts the plans.
<i>Objective 3: By January 2010, incorporate complete streets concepts and guidelines into development regulations to establish complete street networks.</i>		

Transportation

CEF Strategic Plan	Chatham County - Savannah Tricentennial Plan	Areas of MPC Engagement
<p>Action Item A: Ask local governments and MPC to adopt zoning and subdivision regulations that require complete street networks for new development.</p>	<p>5.7 Transportation Goal A/ Objective 2: Encourage efficient transportation layouts in new developments. 5.7 Transportation / Goal C/ Objective 2/ Strategy a: In all transportation projects, where not prohibited by federal statutes and regulations, consider and include components for the following roadway amenities: tree preservation, planting, landscaping, sidewalks/pedestrian features, and bikeway paths.</p>	<p>Current: Being addressed in UZO where appropriate. Subdivision regulations will be revised to reflect the Context Sensitive Design Manual adopted by the MPO in 2006.</p>
<p>Action Item B: Ask local governments to revise regulations to include requirements for complete street networks.</p>	<p>5.7 Transportation / Goal C/ Objective 1/ Strategy e: Require that all private and public road designs include a tree protection and restoration plan, a landscape plan, an accessible pedestrian plan, a bicycle plan, and an accessible public transportation plan.</p>	<p>Current: Being addressed in the UZO process and revisions to the subdivision ordinance. Other development regulations specific to the Governing Body may also need to be addressed.</p>
<p><i>Objective 3: Adjust the transportation planning process, including funding priorities, to emphasize and accelerate complete street implementation.</i></p>		
<p>Action Item A: Ask local governments to adjust the transportation planning process, including funding priorities, to emphasize and accelerate complete street implementation.</p>	<p>5.7 Transportation / Goal C / Objective 1/ Strategy e: Require that all private and public road designs include a tree protection and restoration plan, a landscape plan, an accessible pedestrian plan, a bicycle plan and an accessible public transportation plan.</p>	<p>Future: Will be addressed in the 2035 LRTP update. Current process in place through MPO for local government coordination.</p>
<p>2:: Modal Integration Create an integrated, multimodal transportation system that reduces negative impact on the environment, including greenhouse gases; while at the same time improving accessibility, modality and efficiency for people and commercial traffic.</p>		
<p><i>Objective 1: Increase usage while decreasing greenhouse gas emissions and general carbon footprint of mass transit.</i></p>		
<p>Action Item A: Request that the MPO place mass public mobility and inter-modal transportation connectivity as the highest priorities for future planning and funding of infrastructure.</p>	<p>5.7 Transportation / Goal A/ Strategy b: Request transportation funds to upgrade existing roads to include accessible pedestrian sidewalks and bicycle lanes as a means of reducing automobile congestion.</p>	<p><i>Not applicable to MPC operations.</i> A transit intensive transportation system will require substantial commitment of local operating funds under the current federal structure. The Cities and County will need to explore funding options in order to move toward transit.</p>

Transportation

CEF Strategic Plan	Chatham County - Savannah Tricentennial Plan	Areas of MPC Engagement
Action Item B: Implement a green fleet program for the Chatham County mass transit system, incorporating hybrid vehicles, requiring 10% increase of fleet vehicles annually until full conversion.	<i>Climate Change not currently addressed. Amendment to the plan addressing this topic is being researched.</i>	<i>Not applicable to MPC operations.</i>
Action Item C: Develop a plan for an electric streetcar system for the core area of the City, including the Landmark Historic District, to minimize the need for auto ownership in the downtown area.	Transportation / Goal D/ Objective 1: Provide convenient pedestrian and bicycle access from public transportation termini to employment centers, institutions, commercial areas, and recreational facilities.	Possible: Could assist the City of Savannah when deemed appropriate.
Action Item D: By August 2009, evaluate current routes to improve efficiency and accessibility with respect to; major employers, schools, hospitals, park and ride opportunities, other modes of transportation.	5.7 Transportation/ Goal A/ Objective 2/ Strategy c: Recommend that the Board of Education select school sites within walking or cycling distance of the student population. 5.7 Transportation / Goal D/ Objective 1: Provide convenient pedestrian and bicycle access from public transportation termini to employment centers, institutions, commercial areas, and recreational facilities.	Completed: CAT Transportation Development Plan addressed route efficiency. Highway is being addressed in the Congestion Management Process update and 2035 Long Range Transportation Plan update.
Objective 2: <i>Increase pedestrian activity and grow the use of bicycles as a safe and effective form of transportation.</i>		
Action Item A: By 2010, the MPO will fund and approve a revised County bikeway/greenway plan that integrates bikeway/greenway corridors, safe routes to school, transit linkages, end-of-trip facilities and a bicycling education and encouragement plan.	5.7 Transportation/ Goal E/ Objective 3: Establish Savannah as a transit-oriented, bicycle-friendly, walkable community and market these attributes to attract new businesses, residents and visitors. 5.7 Transportation / Goal D/ Objective 1: Provide convenient pedestrian and bicycle access from public transportation termini to employment centers, institutions, commercial areas, and recreational facilities.	Future: Existing bikeway plan will be revisited with the 2035 Long Range Transportation Plan Update. Greenway plan is not included in the scope. Beginning likely in late 2010 or early 2011.
Action Item B: Complete the greenways plan and integrate it with the bikeways plan by December 2010. Prioritize projects within both plans with completion timetables, including identification of linkages to critical destinations and other transportation options.	5.6 Natural Resources / Goal D: Preserve, protect and restore open space, conservation areas and threatened and endangered plant and animal habitat. 5.8 Community Facilities / Goal E / Objective 1: Develop a countywide canal-based recreation system with parking facilities, bike and pedestrian paths, landscaping, benches and watercraft access.	Future: Will be addressed in the 2035 LRTP Update.

Transportation

CEF Strategic Plan	Chatham County - Savannah Tricentennial Plan	Areas of MPC Engagement
<p>Action Item C: Complete the following components of the Coastal Georgia/East Coast Greenway through Chatham County as noted, including: (1)Completion of trail and trailhead development of Coastal Georgia Greenway spine route through Chatham County (that includes development of the Savannah-Ogeechee Canal in accordance with the Corridor Master Plan)(December 2012), and (2)Completion of McQueen's Island Trail, Phase II (December 2010), and (3)Complete Truman Linear Park Trail, Phase II (December 2012), and (4) Extend Hutchinson Island Trail eastward approximately two miles (December 2015), and Complete construction of Savannah-to-Tybee rail trail December 2015).</p>	<p>5.8 Community Facilities/ Goal C/Objective 1: Develop a comprehensive recreation facilities plan that provides for: multi-use facilities including swimming pools, improvement of existing fishing facilities and development of new fishing facilities, improved public boating facilities and an improved bikeway system.</p>	<p>Current: MPC staff currently involved with the East Coast Greenway Alliance in working towards the completion of the trail components.</p>
<p>Action Item D: By 2012, increase trips by bicycle to 3% of all trips and by 2015 increase trips to 5% of all trips. This will be measured by bike use counts performed at least once annually.</p>	<p>5.7 Transportation / Goal E/ Objective 3/Strategy b: Analyze the existing and proposed public and private transit routes (including bus and shuttle services, water taxis, and pedicabs), bicycle lanes, parking facilities, and potential pedestrian throughways to develop a phased master plan to be implemented incrementally.</p>	<p>Current: MPC staff assisted with data collection for a bicycle use baseline in Spring 2009.</p>
<p>Action Item E: Increase bicycle-focused transportation investments.</p>	<p>5.7 Transportation / Goal D/ Objective 1/ Strategy b: Identify costs and potential funding sources to improve pedestrian and bicycle access to and within the sites (public transportation termini, employment centers, institutions, commercial areas and recreational facilities). Goal A / Objective 1 / Strategy b: Request transportation funds to upgrade existing roads to include accessible pedestrian sidewalks and bicycle lanes as a means of reducing automobile congestion.</p>	<p><i>Policy decision for the MPO and Georgia Department of Transportation with supporting expenditures by local governments.</i></p>

Transportation

CEF Strategic Plan	Chatham County - Savannah Tricentennial Plan	Areas of MPC Engagement
<p>Action Item F: Identify and convert a Savannah street as a dedicated bicycle commuter route into downtown Savannah.</p>	<p>5.7 Transportation / Goal E/ Objective 3/Strategy b: Analyze the existing and proposed public and private transit routes (including bus and shuttle services, water taxis, and pedicabs), bicycle lanes, parking facilities, and potential pedestrian thoroughways to develop a phased master plan to be implemented incrementally (e.g. declare a section of street open to only pedestrian and bicycle traffic on Sunday afternoon, and if this is successful, extend the time to all day Sunday, then to the weekend, and based upon public response and functionality, extend the time and/or expand the street section).</p>	<p>Current: MPC staff currently working with the community to determine interest and locate the most appropriate street corridor.</p>
<p>3:: Freight Distribution Promote inbound and outbound freight distribution through the county that mitigates impacts on the environment, using multi-modal transportation and transportation best practices for environmental impacts.</p>		
<p><i>Objective 1: Support the freight/distribution stakeholders green initiatives.</i></p>		
<p>Action Item A: Recognize freight/distribution activities that reduce impacts on environment through an annual awards program.</p>		<p><i>Recommended activity for Georgia Ports Authority.</i></p>
<p>Action Item B: Create opportunities for collaboration with public and private stakeholders.</p>	<p>5.7 Transportation / Goal E / Objective 2 / Strategy a: Maintain the continuing, cooperative relationship with all agencies that are involved in providing transportation facilities and services throughout the region.</p>	<p>Current: MPO provides routine forum through the outreach and committees.</p>
<p><i>Objective 2: Support Georgia Ports Authority (GPA) completion of "last mile" projects by 2014 through funding and/or political support.</i></p>		
<p>Action Item A: Prioritize through MPO "last mile" projects as part of 2009 requests.</p>	<p>5.7 Transportation / Goal E / Objective 2: Encourage the development of a regional multimodal transportation system.</p>	<p>Current: MPO works collaboratively with GPA to prioritize high priority projects.</p>

Transportation

CEF Strategic Plan	Chatham County - Savannah Tricentennial Plan	Areas of MPC Engagement
Action Item B: County to pass resolution supporting funding from DOT for "last mile" projects, recognizing GPA's importance to economy and reduced environmental impacts through more efficient freight movement.	5.7 Transportation / Goal E/ Objective 1: Develop an intermodal transportation system that sustains economic activity by linking trucking facilities, rail terminals, airports and seaports with limited access roads.	<i>Recommended item for a County Resolution to influence GDOT and MPO policy decisions.</i>
<i>Objective 3: Increase rail traffic for import and export cargo from waterborne commerce, to include both public and private entities.</i>		
Action item A: Include freight industry personnel in MPO planning process.	5.7 Transportation / Goal E/ Objective 2/ Strategy a: Maintain the continuing, cooperative relationship with all agencies that are involved in providing transportation facilities and services throughout the region.	Current: MPO bylaws include freight industry representatives.
<i>Objective 4: Minimize by 10% the traffic impact of daytime truck traffic (establish baseline based on travel times) to and from the Port by improving existing and establishing new routes to and from distribution centers and interstates.</i>		
Action Item A: MPC/MPO staff to establish baseline of current travel patterns, times, and corridors by August 2009.	5.7 Transportation / Goal E / Objective 1 / Strategy a: Determine the corridors that transport goods most directly from rail terminals, the airport, and seaport to the interstate highways and (1) limit the number of curb cuts along the corridors and (2) establish zoning that does not permit strip commercial development along the corridors.	Completed: Data was collected for the Congestion Management Process on Hwy 21 corridor in 2008.
Action Item B: MPC/MPO staff to include freight/distribution stakeholders in development of routes.	5.7 Transportation / Goal E/ Objective 2/ Strategy a: Maintain the continuing, cooperative relationship with all agencies that are involved in providing transportation facilities and services throughout the region.	Current: MPO currently works with GPA and freight representatives on a project basis.
4::EDUCATION & AWARENESS Increase awareness of alternative transportation opportunities and needs.		
<i>Objective 1: Encourage understanding of rights and obligations of users of various transportation modes.</i>		
Action Item A: Dedicate City/County resources and staff time toward public service announcements, town hall meetings, and a website.	<i>Amendment to the plan addressing this topic is being researched.</i>	Current: MPO utilizes a variety of outreach to include newsletters, website and Coastal Commuters program.

Transportation

CEF Strategic Plan	Chatham County - Savannah Tricentennial Plan	Areas of MPC Engagement
Action Item B: Implement the national Safe Routes to Schools program that teaches children to walk and bicycle to school safely. This program includes funding.	5.7 Transportation/ Goal A/ Objective 2/ Strategy c: Recommend that the Board of Education select school sites within walking or cycling distance of the student population.	<i>Georgia Department of Transportation and Project Sponsors implement this program.</i>
Action Item C: Create a green transportation education program for professionals, elected officials and other community leaders.	<i>Amendment to the plan addressing this topic is being researched.</i>	Future: MPO staff may address.
Action Item D: Work collectively with Savannah College of Art and Design (SCAD) and other colleges to implement a pedestrian/bicycle education program to incorporate in freshman student orientation.	<i>Amendment to the plan addressing this topic is being researched.</i>	Future: MPO staff currently working with SCAD on bicycle education. May extend to freshman student orientation.
Objective 2: <i>Create a map of "green" transportation modes and critical destinations.</i>		
Action Item A: By April 2009, identify important transportation routes and locations to be included in map.	5.7 Transportation/Goal D/ Objective 1/ Strategy a: Prepare and maintain a map available to the public on the internet identifying employment centers, institution, commercial areas, and recreational facilities as well as all bus stops and evaluate the level of service of public transportation systems to the areas and the level of pedestrian and bicycle access from the drop-off point to the entrance to the facilities.	Future: SAGIS and Transportation staff could assist.
Action Item B: Within 6 months, compile data sets needed for map, i.e. MPC, SAGIS (Savannah Area Geographic Information System), Chatham County, CAT, City of Savannah using GIS technology.		Future: SAGIS and Transportation staff could assist.
Action Item C: Within 6 months, dedicate County resources towards the creation of a print map using GIS.	5.7 Transportation / Goal E / Objective 3 / Strategy d: Publish walking and cycling maps for both visitors and residents showing scenic routes and commuter routes. Make materials available in alternative formats (e.g. Braille, audio recordings).	<i>Not applicable to MPC operations.</i>

Transportation

CEF Strategic Plan	Chatham County - Savannah Tricentennial Plan	Areas of MPC Engagement
<p>Action Item D: By 2011, create an interactive map available via Chatham County website and affiliates, including transportation routes plus additional information about alternative transportation options and safety in the County.</p>	<p>5.7 Transportation / Goal D / Objective 1 / Strategy a: Prepare and maintain a map available to the public on the internet identifying employment centers, institutions, commercial areas, and recreational facilities as well as all bus stops and evaluate the level of service of public transportation systems to the areas and the level of pedestrian and bicycle access from the drop-off point to the entrance to the facilities.</p>	<p>Possible: Could be addressed by SAGIS and Transportation staff. <i>Much of this information is available on the MPO website www.thempc.org/transportation</i></p>
<p>Objective 4: <i>By January 2010, increase staff participation through membership, in local groups such as the Propeller Club, Savannah Traffic Club and others relating to the freight handling industry to identify issues and gain perspective.</i></p>		
<p>Action Item A: Support County staff member involvement in transportation-related organizations.</p>	<p>5.7 Transportation / Goal E / Objective 2 / Strategy a: Maintain the continuing, cooperative relationship with all agencies that are involved in providing transportation facilities and services throughout the region.</p>	<p><i>County staff are currently involved in MPO transportation related projects when applicable.</i></p>

Climate Change

CEF Green Plan	Chatham County - Savannah Tricentennial Plan	Areas of MPC Engagement
3.4 Climate Change		
1::GREENHOUSE GAS REDUCTION Reduce countywide greenhouse gas (GHG) emissions by 20% by 2020 from a 2006 baseline year.		
<i>Objective 1: Establish baseline data for Chatham County community (unincorporated) by July 2009, including residential, industrial, commercial and governmental GHG emissions.</i>		Future: MPO may play a role with new FHWA requirements on integration of Climate Change and Transportation Planning.
Action Item A: Utilize the ICLEI software to analyze county emissions of greenhouse gas to include a public and private aspect.	<i>Amendment to the plan addressing this topic is being researched.</i>	*Possible: See note on coverpage.
Action Item B: Publicize goals on/around Earth Day.		
Action Item C: Partner with the City of Savannah and other municipalities, to the greatest extent possible, to maximize GHG reduction opportunities.	<i>Amendment to the plan addressing this topic is being researched.</i>	*Possible: See note on coverpage.
<i>Objective 2: Develop a phased GHG reduction plan for the Chatham County government based on the data collected in the baseline inventory by December 2009.</i>		Future: MPO may play role with new FHWA integration of Climate Change and Transportation Planning
Action Item A: Analyze GHG audit to identify the largest emitters.	<i>Amendment to the plan addressing this topic is being researched.</i>	*Possible: See note on coverpage.
Action Item B: Identify areas for reduction which would provide for the largest reduction of GHGs.	<i>Amendment to the plan addressing this topic is being researched.</i>	*Possible: See note on coverpage.
Action Item C: Implement reduction strategies to reduce GHG emissions, such as:	<i>Amendment to the plan addressing this topic is being researched.</i>	*Possible: See note on coverpage.
*LED light bulbs in all traffic signals		
*Evaluate strategies to help existing retail and commercial structures meet a minimum energy standard (improve insulation in ceiling, water pipes, etc., lighting, low flow fixtures, weather stripping, etc.)		
*Provide residential curbside recycling throughout the county.		
* Provide commercial recycling.		
*Implement a green fleet program for the County vehicle fleet, incorporating hybrid vehicles and operational policies that prohibit idling of County vehicles.		
*Use biodiesel for the County fleet.		
*Require "cool" roofing in all new structures Countywide.		
*Commit to planting 365 new trees each year.		

Climate Change

CEF Green Plan	Chatham County - Savannah Tricentennial Plan	Areas of MPC Engagement
*Comprehensive upgrade of all existing County owned buildings (through service contracts or some other mechanism), including upgrades to lighting, HVAC, building envelope, water heating, building automation systems, and any		
*Purchase or generate green power for municipal operations.		
*Implement an environmentally preferable procurement policy (Energy Star) for all new		
*Create a "business challenge" to meet GHG reduction goals set by the County.		
*Provide support and recognition for businesses willing to participate in the above business challenge.		
*Eliminate CFCs and HCFCs from County buildings.		
*Implement a Countywide weatherization program for low income housing.		
*Subsidize employee's CAT fare.		
*Create a revolving fund for energy conservation measures that can be used on County owned buildings for energy improvements and paid back through energy savings.		
*Implement a climate change and energy conservation education program for County residents.		
*Implement environmental education in all public school curriculum.		
*Carpooling system, such as the Coastal Commuters program or other comparable programs.		
2::ANALYSIS Analyze the opportunities and risks associated with climate change.		
<i>Objective 1: Prepare and adopt a climate change adaptation plan for Chatham County by 2011.</i>		
Action Item A: Hire a qualified authority to conduct analysis and prepare an adaptation plan.	<i>Amendment to the plan addressing this topic is being researched.</i>	<i>MPC may assist where deemed appropriate.</i>
<i>Objective 2: Develop an action plan based on recommendations from climate change adaptation plan by 2012.</i>		
3::EDUCATION & AWARENESS Design and implement a Countywide climate change education plan by the end of 2009.		

Climate Change

CEF Green Plan	Chatham County - Savannah Tricentennial Plan	Areas of MPC Engagement
<i>Objective 1: Educate our target audience, the public, about ICLEI, what the County is planning to do and why the County is taking action.</i>		
Action Item A: Dedication of County resources and staff time toward achieving the Countywide climate change education plan.	<i>Amendment to the plan addressing this topic is being researched.</i>	*Possible: See note on coverage.
Action Item B: Have a website up and running through Chatham County Government site.	<i>Amendment to the plan addressing this topic is being researched.</i>	*Possible: See note on coverage.
Action Item C: Run regular public service announcements.	<i>Amendment to the plan addressing this topic is being researched.</i>	*Possible: See note on coverage.
Action Item D: Hold semi-annual town hall meetings on greening efforts.	<i>Amendment to the plan addressing this topic is being researched.</i>	*Possible: See note on coverage.
Action Item E: Promote local examples of success: leadership opportunities.	<i>Amendment to the plan addressing this topic is being researched.</i>	*Possible: See note on coverage.
Action Item F: Establish a branding plan to help market a climate change education plan.	<i>Amendment to the plan addressing this topic is being researched.</i>	*Possible: See note on coverage.
Action Item G: Participate in annual "Local Action Climate Week."	<i>Amendment to the plan addressing this topic is being researched.</i>	*Possible: See note on coverage.
<i>Objective 2: Establish a citizen resource program to help citizens reduce their own GHG emissions.</i>		*Possible: See note on coverage.
4: REGIONAL CLIMATE CHANGE INITIATIVE Establish and build a base of support for a climate change initiative by 2009.		
<i>Objective 1: Collaborate with all entities in Chatham County by 2009 in efforts to reduce GHG emissions in step with the County's timetable, including local municipalities, public and private schools, institutes of higher education, private industries, Georgia Ports Authority and the residential community.</i>		
Action Item A: Partner with the Chatham Environmental Forum to assist with this collaboration.	<i>Amendment to the plan addressing this topic is being researched.</i>	<i>MPC may assist where deemed appropriate.</i>
Action Item B: Partner with Savannah College of Art and Design to establish a Branding Plan to help build base support for the Climate Change Initiative (see "joIN").	<i>Amendment to the plan addressing this topic is being researched.</i>	<i>MPC may assist where deemed appropriate.</i>
Action Item C: Partner with SCAD to implement Branding Plan.	<i>Amendment to the plan addressing this topic is being researched.</i>	<i>MPC may assist where deemed appropriate.</i>
Action Item D: Host a forum by the end of 2009, to include all entities listed above, to introduce a true regional approach to GHG reductions.	<i>Amendment to the plan addressing this topic is being researched.</i>	<i>MPC may assist where deemed appropriate.</i>
5::STATEWIDE COLLABORATION Chatham County government to positively interact on a state level in realizing the highest possible standard for GHG emissions reductions.		

Climate Change

CEF Green Plan	Chatham County - Savannah Tricentennial Plan	Areas of MPC Engagement
Action Item A: Market the County's local efforts across the state through the Association of County Commissioners of Georgia (ACCG) and other programs and organizations (both public and private).	<i>Amendment to the plan addressing this topic is being researched.</i>	<i>MPC may assist where deemed appropriate.</i>
Action Item B: Set successful example for the State and other communities of best practices methods of GHG emissions reductions.	<i>Amendment to the plan addressing this topic is being researched.</i>	*Possible: See note on coverpage.
Action Item C: Encourage the State of Georgia to provide incentives to local governments to reduce GHG emissions.	<i>Amendment to the plan addressing this topic is being researched.</i>	<i>MPC may assist where deemed appropriate.</i>
Action Item D: Participate in the Governor's Energy Challenge.	<i>Amendment to the plan addressing this topic is being researched.</i>	<i>MPC may assist where deemed appropriate.</i>
Action Item E: Participate in the <i>Partnership for a Sustainable Georgia</i> , administered through the Pollution Prevention Assistance Division.	<i>Amendment to the plan addressing this topic is being researched.</i>	<i>MPC currently Silver Level Member and may assist the County where deemed appropriate.</i>
Action Item F: Actively participate in any state or legislative study on climate change.	<i>Amendment to the plan addressing this topic is being researched.</i>	<i>MPC may assist where deemed appropriate.</i>

Creative Infrastructure

CEF Green Plan	Chatham County - Savannah Tricentennial Plan	Areas of MPC Engagement
3.5 Creative Infrastructure		
1:: WAYFINDING TOOLS Develop and create a "Green Map" for the County, which highlights places, connections and businesses operating in a sustainable way, providing a mapping guide for citizens and visitors. This piece of create infrastructure would be web-based, online and interactive. It would be linked to other web sites that		
<i>Objective 1 (st): Use existing SAGIS platform and other existing media to create a framework for a Green Map of sustainable and creative infrastructure in Chatham County, with links to other information sites.</i>	<i>Amendment to the plan addressing this topic is being researched.</i>	Current: SAGIS and MPC staff currently working map layers.
<i>Objective 2 (mt): Identify a permanent host, and permanent funding source to maintain and update the Green Map of Chatham County.</i>	<i>Amendment to the plan addressing this topic is being researched.</i>	Possible: SAGIS
<i>Objective 3 (lt): To connect the Green Map to similar tools in other communities, becoming a part of an international network of sustainable infrastructure.</i>	<i>Amendment to the plan addressing this topic is being researched.</i>	Possible: SAGIS
2:: YOUTH ENGAGEMENT Support for creative outreach to the youth of our community through programs like those ongoing at the Telfair museums, and especially for those at-risk youth, like the programs being operated by All Walks Of		
<i>Objective 1 (st): Work with AWOL, Telfair museums, and other community service providers to define the infrastructure (locations, buildings, programs and equipment) needed to create an effective program of outreach to at-risk youth, teaching</i>	<i>Amendment to the plan addressing this topic is being researched.</i>	<i>MPC may assist where deemed appropriate.</i>
<i>Objective 2 (mt): Develop a feasibility study of the types of infrastructure and programs</i>	<i>Amendment to the plan addressing this topic is being researched.</i>	<i>MPC may assist where deemed appropriate.</i>
<i>Objective 3 (lt): Identify and obtain funding strategies to implement the creation / construction of the identified infrastructure.</i>	<i>Amendment to the plan addressing this topic is being researched.</i>	<i>MPC may assist where deemed appropriate.</i>

Creative Infrastructure

CEF Green Plan	Chatham County - Savannah Tricentennial Plan	Areas of MPC Engagement
3::BICYCLE PATHS AND LANES Support for the expansion of bicycle paths and bicycle lanes throughout our community, because many of our creative people prefer this way to move around our County.		Future: Will be addressed in the 2035 Long Range Transportation Plan update.
<i>Objective 1 (st): Support Transportation committee's proposals.</i>		
<i>Objective 2 (mt): Advocate inclusion of bicycle mobility in future land use plans.</i>	5.7 Transportation/ Goal E/ Objective 3: Establish Savannah as a transit-oriented, bicycle-friendly, walkable community and market these attributes to attract new businesses, residents and visitors. 5.7 Transportation / Goal D/ Objective 1: Provide convenient pedestrian and bicycle access from public transportation termini to employment centers, institutions, commercial areas, and recreational facilities.	Future: Will be addressed by MPC Comprehensive Planning staff in future land use plans.
<i>Objective 3 (lt): Connect all creative infrastructure with bicycle paths and safe bicycle lanes.</i>	5.7 Transportation / Goal D/ Objective 1: Provide convenient pedestrian and bicycle access from public transportation termini to employment centers, institutions, commercial areas, and recreational facilities.	<i>MPO may assist where deemed appropriate.</i>
4::LOCAL AGRICULTURE Call upon the MPC and other local planning bodies to strongly consider allowing locally oriented agriculture to be a permitted use in ALL zoning districts. This does not include grazing animals, and should regulate the clearing of land, and the use of chemicals and potable water.		
<i>Objective 1 (st): Advocate for the inclusion of local sustainable agriculture in the Unified Zoning Ordinance being prepared by the MPC at this time.</i>	<i>Amendment to the plan addressing this topic is being researched.</i>	Current: Being addressed in the UZO.
<i>Objective 2 (mt): Work with other local governments to include similar measures in their respective zoning ordinances.</i>	<i>Amendment to the plan addressing this topic is being researched.</i>	<i>MPC may assist where deemed appropriate.</i>

Creative Infrastructure

CEF Green Plan	Chatham County - Savannah Tricentennial Plan	Areas of MPC Engagement
<p><i>Objective 3 (lt): To allow an environment where enough fresh food can be harvested in Chatham County to fulfill the local demand for such produce.</i></p>	<p><i>Amendment to the plan addressing this topic is being researched.</i></p>	<p>Current: MPC staff currently working with Healthy Savannah Initiative to identify local food deserts and bring fresh local produce through markets and community gardens.</p>
<p>5::CREATIVE BUSINESS INCUBATOR Advocate for the creation of an Innovation Incubator by the Savannah Economic Development Authority (SEDA) with assistance and subsidy from available State grants and local incentives. This would be a place where creative businesses could be located in their infancy with very attractive rent structure, and access to shared business infrastructure, so that they can grow into sustainable businesses. This will also provide a kind of intellectual "hothouse" environment so that creative people of different backgrounds and expertise can "cross-pollinate" and inform each other's ideas. This facility should be surrounded by a Creative Enterprise Zone .</p>		
<p><i>Objective 1 (st): Support the Innovation Incubator by requesting that Chatham County assist in identifying legal parameters, possible grants, possible sites and local tax incentives</i></p>	<p><i>Amendment to the plan addressing this topic is being researched.</i></p>	<p><i>MPC may assist where deemed appropriate.</i></p>
<p><i>Objective 2 (mt): Work with Chatham County and the site's host jurisdiction to identify capital funding and operating subsidies for the Innovation Incubator.</i></p>	<p><i>Amendment to the plan addressing this topic is being researched.</i></p>	<p><i>MPC may assist where deemed appropriate.</i></p>
<p><i>Objective 3 (lt): Foster the development and growth of 25 creative businesses per year from start-ups to sustainable local businesses.</i></p>	<p><i>Amendment to the plan addressing this topic is being researched.</i></p>	<p><i>MPC may assist where deemed appropriate.</i></p>

Creative Infrastructure

CEF Green Plan	Chatham County - Savannah Tricentennial Plan	Areas of MPC Engagement
<p>6::CREATIVE ENTERPRISE ZONES Develop a plan for <i>Creative Enterprise Zones (CEZ)</i> , which allow economic incentives for creative employers under State laws, and companion <i>Opportunity Zones</i> that allow local tax incentives, especially for affordable housing. Such a zone is not a zoning district per se, but rather an organic overlay district that allows for a creative ecology (not an enclave) that provides "fertilizer" for creative people and creative enterprises. This CEZ would enhance the ability of SEDA and other economic developers to market our community to the many creative industries and small businesses seeking to relocate from other, less tolerant and attractive communities. it would include creative outreach centers that reinforce the goals of AWOL and similar programs. It would also empower creative enterprises, such as the Innovation Incubator, and other elements like performing arts infrastructure, studio space, and a culinary arts center. The CEZ would also encourage strategic partnerships with institutions like SCAD, Savannah Tech, Savannah-Chatham County Public Schools, and other area educational providers. It would allow for</p>		
<p><i>Objective 1 (st): Work with CEF, Savannah Development and Renewal Authority (SDRA) and planners to develop characteristics and standards for a Creative Enterprise Zone. Work with Chatham County to develop the legal framework for a Georgia Enterprise Zone and a local companion Opportunity Zone.</i></p>	<p>5.3 Economic Development /Goal B: Recruit diverse and environmentally sensitive, clean industries that pay wages that foster self-sufficiency.</p>	<p><i>MPC may assist where deemed appropriate.</i></p>
<p><i>Objective 2 (mt): Identify a geographic location or locations for the Creative Enterprise Zone and seek sponsorship from the local host jurisdictions for its creation.</i></p>	<p><i>Amendment to the plan addressing this topic is being researched.</i></p>	<p><i>MPC may assist where deemed appropriate.</i></p>
<p><i>Objective 3 (lt): Seek investment in the creation of a sustained pool of creative talent, new jobs, outside investment by the private sector and empowerment for local creative people.</i></p>	<p>5.3 Economic Development /Goal B: Recruit diverse and environmentally sensitive, clean industries that pay wages that foster self-sufficiency.</p>	<p><i>MPC may assist where deemed appropriate.</i></p>

Water Management

CEF Green Plan	Chatham County - Savannah Tricentennial Plan	Areas of MPC Engagement
3.6 Water Management		
1::EFFICIENCY IN GOVERNMENT Specify all government facilities set the standard for effective and efficient use of water in the County.	5.6 Natural Resources / Goal H/Objective 1 / Strategy b: Implement the Chatham County Comprehensive Water Supply Management Plan including the Water Conservation Program. Strategy c: Reduce outdoor water use through summer water rate increases, regulations and incentives that encourage xeriscaping, and alternate sources for irrigation including shallow wells and reuse water.	
<i>Objective 1: Local governments shall achieve effective and efficient use of outdoor water.</i>	5.6 Natural Resources / Goal H/ Objective 1/ Strategy c: Reduce outdoor water use through summer water rate increases, regulations and incentives that encourage xeriscaping, and alternate sources for irrigation including shallow wells and reuse water.	
Action Item A (mt): All County and municipal owned landscaped areas including, but not limited to, passive and active recreation, facility grounds, roadway medians and entryways, shall utilize an alternative, nonpotable source for irrigation.	5.6 Natural Resources / Goal H/Objective 1 / Strategy b: Implement the Chatham County Comprehensive Water Supply Management Plan including the Water Conservation Program.	Current: MPC Natural Resources staff will continue working with Chatham County Public Works to implement the Chatham County Water Conservation Plan which contains this item
Action Item B (st): Irrigation systems utilizing potable sources that cannot feasibly transfer to a nonpotable source shall be metered.	5.6 Natural Resources / Goal H/Objective 1 / Strategy b: Implement the Chatham County Comprehensive Water Supply Management Plan including the Water Conservation Program.	Current: MPC Natural Resources staff will continue working with Chatham County Public Works to implement the Chatham County Water Conservation Plan which contains this
Action Item C (mt): Facilities utilizing potable sources for vehicle washing and maintenance shall implement water recycling systems.	5.6 Natural Resources / Goal H/Objective 1 / Strategy b: Implement the Chatham County Comprehensive Water Supply Management Plan including the Water Conservation Program.	Current: MPC Natural Resources staff will continue working with Chatham County Public Works to implement the Chatham County Water Conservation Plan which contains this
Action Item D (st): The xeriscape principles shall be applied to existing and newly created County and municipal landscaped areas.	5.6 Natural Resources / Goal H/ Objective 1/ Strategy c: Reduce outdoor water use through summer water rate increases, regulations and incentives that encourage xeriscaping, and alternate sources for irrigation including shallow wells and reuse water.	Future: MPC Natural Resources staff may assist in education.

Water Management

CEF Green Plan	Chatham County - Savannah Tricentennial Plan	Areas of MPC Engagement
<i>Objective 2: Local governments shall achieve effective and efficient use of indoor water.</i>	5.6 Natural Resources / Goal H / Objective 1/ Strategy b: Implement the Chatham County Comprehensive Water Supply Management Plan including the Water Conservation Program.	
Action Item A (mt): Plumbing retrofits shall be conducted for all facilities to install ultra low flow and waterless devices.	5.6 Natural Resources / Goal H / Objective 1/ Strategy b: Implement the Chatham County Comprehensive Water Supply Management Plan including the Water Conservation Program.	Current: MPC Natural Resources staff will continue working with Chatham County Public Works to implement the Chatham County Water Conservation Plan which contains this
Action Item B (st): All facilities shall be metered.	5.6 Natural Resources / Goal H / Objective 1/ Strategy b: Implement the Chatham County Comprehensive Water Supply Management Plan including the Water Conservation Program.	Current: MPC Natural Resources staff will continue working with Chatham County Public Works to implement the Chatham County Water Conservation Plan which contains this item
Action Item C (st): Increase support for County and municipal staff to obtain LEED accreditation.	5.3 Economic Development / Goal B: Objective 1/ Strategy b: Provide additional training opportunities to offer specialized workforce skills to meet specific needs identified by businesses seeking to locate in the community.	<i>MPC currently supports staff to obtain LEED accreditation.</i>
Action Item D (st): Require new facilities and all retrofits to comply with appropriate LEED standards.	5.6 Natural Resources / Goal A / Objective 4: Encourage energy efficiency and natural resource protection in new construction.	<i>MPC may consider under the MPC 2010 Sustainability Initiative.</i>
<i>Objective 3: Local governments shall achieve effective and efficient use of stormwater.</i>		
Action Item A (mt): All existing impervious surfaces (i.e. parking lots, roof tops, etc.) shall be analyzed as opportunities to reduce stormwater runoff and reuse as a nonpotable source.	5.6 Natural Resources / Goal G: Reduce the quantity and improve the quality of stormwater runoff.	Current: SAGIS internship /partnership with NOAA underway to establish impervious surface data layer and GIS map.
Action Item B (st): Develop and enforce maximum parking standards to reduce the amount of polluted runoff from parking lots.	5.6 Natural Resources/ Goal G/ Objective 5/ Strategy c: Reduce or eliminate parking space requirements, and require pervious surface for overflow parking areas.	Cuurent: Being addressed in the UZO.

Water Management

CEF Green Plan	Chatham County - Savannah Tricentennial Plan	Areas of MPC Engagement
Action Item C (st): Newly designed facilities shall adhere to the recommendations of the adopted Coastal Stormwater Supplement.	5.6 Natural Resources / Goal G: Reduce the quantity and improve the quality of stormwater runoff.	Current: MPC integral partner in the CSS. Currently working with municipalities in updating their stormwater ordinances to comply with the CSS.
2::CONSERVATION ETHIC Facilitate and ensure public education is strengthened to foster a water conservation ethic in the community.		Current: MPC Natural Resources staff currently provides public education on water conservation under the Water Supply Management Plan. With additional funding this could be expanded to meet the objectives and action items noted below.
<i>Objective 1: Conduct a marketing study to characterize Chatham County's diverse community and determine the most effective media tools to utilize.</i>		
Action Item A (st): Seek funding to support a County-wide three year mass marketing plan focusing on water conservation.	5.6 Natural Resources/ Goal H/Objective 1: Slow the rate of saltwater intrusion in the Floridan Aquifer.	<i>MPC may assist where deemed appropriate.</i>
Action Item B (st): Include in the water billing statements a voluntary one to five dollar donation to a water conservation education fund.	5.6 Natural Resources/ Goal H/Objective 1: Slow the rate of saltwater intrusion in the Floridan Aquifer.	<i>MPC may assist where deemed appropriate.</i>
Action Item C (st): Utilize existing forms such as billing statements and the water Compliance Status Report to promote the conservation ethic.	5.6 Natural Resources/ Goal H/Objective 1: Slow the rate of saltwater intrusion in the Floridan Aquifer.	<i>MPC may assist where deemed appropriate.</i>
Action Item D (st): Establish partnerships with large commercial enterprises to promote conservation message through a "leadership by example" role.	5.6 Natural Resources/ Goal H/Objective 1: Slow the rate of saltwater intrusion in the Floridan Aquifer.	Current: MPC Natural Resources hosts the existing Community Partner's for Clean Water program. This could be expanded to include water conservation.
<i>Objective 2: Create a network of key individuals that are/will be instrumental in guiding the future policy of Chatham County's water resources. The network shall be supported by a central mechanism that disseminates information to the public.</i>		

Water Management

CEF Green Plan	Chatham County - Savannah Tricentennial Plan	Areas of MPC Engagement
Action Item A (st): Create list of water related significant projects (county, region, and state) and compile a fact sheet for each.	<i>Amendment to the plan addressing this topic is being researched.</i>	<i>MPC may assist where deemed appropriate.</i>
Action Item B (st): Create a digital clearinghouse to include project fact sheet and schedules of applicable public meetings and agendas.	<i>Amendment to the plan addressing this topic is being researched.</i>	<i>MPC may assist where deemed appropriate.</i>
Action Item C (st): Assign person(s) to attend meetings and submit meeting notes.	<i>Amendment to the plan addressing this topic is being researched.</i>	<i>MPC may assist where deemed appropriate.</i>
<i>Objective 3: Research and facilitate a mechanism to raise the awareness of the intrinsic value of drinking water as a resource and commodity in Chatham County.</i>		
Action Item A (st): Conduct research to determine the local market's elasticity over a ten year timeframe for water (indoor and outdoor) and sewer services.	<i>Amendment to the plan addressing this topic is being researched.</i>	<i>MPC may assist where deemed appropriate.</i>
Action Item B (st): Establish local water use profiles based on characteristics of communities and neighborhoods.	<i>Amendment to the plan addressing this topic is being researched.</i>	<i>MPC may assist where deemed appropriate.</i>
3::STORMWATER RUNOFF REDUCTION Reduce the quantity and improve the quality of stormwater runoff.		
<i>Objective 1: Eliminate discharges from substandard septic systems.</i>		
Action Item A (st): Adopt a septic system maintenance ordinance.	5.6 Natural Resources/Goal G/Objective 2: Prevent seepage from septic systems. Strategy c: Adopt regulations that require the regular maintenance of septic systems. This should include: periodic inspection of septic systems, certification of septic system inspector and require a current septic tank inspection letter for sale of property.	<i>MPC may assist where deemed appropriate.</i>
Action Item B (mt): Provide tax incentives for septic system maintenance.	5.6 Natural Resources/Goal G/Objective 2: Prevent seepage from septic systems.	<i>MPC may assist where deemed appropriate.</i>
Action Item C (mt): Continue to pursue sewer infrastructure extensions to provide service to areas with existing site conditions which are no longer suitable for proper septic function.	5.6 Natural Resources/Goal G/Objective 2: Prevent seepage from septic systems.	<i>MPC may assist where deemed appropriate.</i>
<i>Objective 2: Adopt stormwater system improvements and maintenance policies that protect water quality.</i>		

Water Management

CEF Green Plan	Chatham County - Savannah Tricentennial Plan	Areas of MPC Engagement
Action item A (st): Adhere to appropriate recommendations from the <i>Coastal Stormwater Supplement</i> regarding pre and post construction maintenance.	5.6 Natural Resources/Goal A/Objective 3/Strategy a: Amend Chatham County Engineering procedures to allow for LID stormwater best management practices as described in the Best Practices Manual or in the Georgia Stormwater Manual.	Current: MPC Natural Resources staff currently assisting in implementation.
Action item B (st): Aggressively pursue completion of Inflow and Infiltration (separating remaining storm and sanitary sewer lines) program.	<i>Amendment to the plan addressing this topic is being researched.</i>	<i>Not applicable to MPC operations.</i>
Action Item C (It): Consider funding community wide projects that focus on stormwater quality improvements vs. stormwater quantity improvements.	<i>Amendment to the plan addressing this topic is being researched.</i>	<i>MPC may assist where deemed appropriate.</i>
Action Item D (st): Train facilities and public works maintenance staff to apply appropriate best management practices in the field.	5.3 Economic Development / Goal B: Objective 1/ Strategy b: Provide additional training opportunities to offer specialized workforce skills to meet specific needs identified by businesses seeking to locate in the community.	Current: MPC Natural Resources staff conducts BMP trainings under current stormwater permit requirements. Program could be expanded.
4:: WATER RESOURCE INTEGRITY Protect the function and form of water resources, keeping them intact and contiguous so they may serve Chatham County to the fullest extent possible.		
<i>Objective 1: Require watershed-based management to protect water resources that includes multi-county and state coordination.</i>		
Action Item A (st): Develop riparian buffer regulations that are effective for stormwater control and pollutant removal and that are based on best management practices.	5.6 Natural Resources/Goal G/Objective 3: Develop riparian buffer regulations that are effective for stormwater control and pollutant removal and that are based on best management practices.	Current: Being addressed in the UZO and by Chatham County in the Land Disturbing Activities Ordinance.
Action Item B (st): Acquire and permanently protect land that floods repeatedly.	5.6 Natural Resources/Goal C/Objective 1: Acquire and permanently protect land that floods repeatedly.	Possible: Chatham County Resources Protection Commission are addressing this as one criteria for nominating properties for purchase.

Water Management

CEF Green Plan	Chatham County - Savannah Tricentennial Plan	Areas of MPC Engagement
Action Item D (st): Consider the recommendations of the Georgia Department of Natural Resources (DNR) Marsh Hammocks Stakeholders Collaborative Dialogue.	<i>Amendment to the plan addressing this topic is being researched.</i>	Current: Being considered and reviewed for the UZO.
<i>Objective 2: Encourage coordination among agencies and jurisdictions in developing and funding conservation land uses and ensuring public access to publicly held and supported conservation areas.</i>		
Action Item A (st): Update zoning regulations to include a category for lands preserved under conservation easements.	5.6 Natural Resources/Goal D/Objective 1: Provide mechanisms for open space, greenspace and habitat preservation, identified in the Natural Resources Inventory, through land acquisition, conservation easements and incentives.	Current: Being addressed in the UZO.
Action Item B (st): Continue to fund administrative support for the Chatham County Resource Protection Commission and continue to support the Commission's charge.	5.6 Natural Resources/Goal D/Objective 1/Strategy e: Dedicate local funds towards greenspace acquisition, and employ a staff greenspace coordinator.	Current: Chatham County Resource Protection Commission preservation staff currently seeking funding mechanisms.
Action Item C (st): Facilitate workshops on the value and tax benefits of land conservation easements for the public and government staff.	5.6 Natural Resources/Goal D/Objective 1/Strategy h: Provide incentives for private property owners to protect open space, conservation areas and habitats by offering property tax reductions for conservation easements.	Possible: Chatham County Resource Protection Commission preservation staff could assist.
5::WATER RESOURCE LONGEVITY Facilitate a comprehensive approach to water management that includes understanding and evaluation of the built and natural water cycle to sustain the viability of the County's drinking water sources.		
<i>Objective 1: Develop a water system that is resilient to climate change and anthropogenic activity.</i>		
Action Item A (mt & It): Minimize vulnerability of system to potential threats including, but not limited to, saltwater intrusion, pharmaceuticals and personal care products, Savannah River Site, drought, sea	5.6 Natural Resources/Goal H/Objective 1: Slow the rate of saltwater intrusion in the Floridan Aquifer.	Possible: MPC Natural Resources staff could cover the education and outreach component.

Water Management

CEF Green Plan	Chatham County - Savannah Tricentennial Plan	Areas of MPC Engagement
<p>Action Item B (mt & It): Develop and refine adaptation strategies for ground and surface water sources including storage and conveyance, demand variables for domestic and industrial use, conservation, treatment options, stormwater management, and in-stream ecological requirements.</p>	<p>5.6 Natural Resources/Goal H/Objective 1/Strategy a: Distribute groundwater withdrawal westward across a wider area to decrease negative head near the current cone of depression. Objective 3/Strategy b: Enforce Groundwater Recharge Environmental Planning Criteria in all recharge areas, including those identified in an inventory</p>	<p>Possible: MPC Natural Resources staff could address certain aspects in future editions of the Chatham County Water Supply Plan.</p>
<p>Action item C (st): Organize a stakeholder group to include technical, water management, environmental and regulatory individuals to assess impacts and adopt an implementation plan.</p>	<p>5.6 Natural Resources/Goal H/Objective 1/Strategy b: Implement the Chatham County Comprehensive Water Supply Management Plan including the Water Conservation Program.</p>	<p>Current: MPC Natural Resources staff will continue working with Chatham County Public Works to implement the Chatham County Water Conservation Plan .</p>
<p><i>Objective 2: Improve the opportunity for sustainable utilization of Chatham County's water resources for both recreational and commercial purposes.</i></p>		
<p>Action item A (st): Consider adhering to the recommendations of the DNR Docks and Marinas Committee.</p>	<p><i>Amendment to the plan addressing this topic is being researched.</i></p>	<p><i>MPC may assist where deemed appropriate.</i></p>
<p>Action item B (st): Assist with the Creative Infrastructure Committee 'Green Map' to include location of all public access points.</p>	<p><i>Amendment to the plan addressing this topic is being researched.</i></p>	<p>Complete: SAGIS recently completed data layer and map of all known points.</p>
<p>Action Item C (st): Assist with exhibit to include locations of public shellfish beds.</p>	<p><i>Amendment to the plan addressing this topic is being researched.</i></p>	<p><i>MPC may assist where deemed appropriate.</i></p>
<p>Action Item D (st): Research ways to sustain, expand and diversify this resource.</p>	<p><i>Amendment to the plan addressing this topic is being researched.</i></p>	<p><i>MPC may assist where deemed appropriate.</i></p>
<p>Action Item E (st): Facilitate a mechanism to distribute educational and informational materials on the locations of the public access and shellfish beds.</p>	<p><i>Amendment to the plan addressing this topic is being researched.</i></p>	<p>Possible: MPC Natural Resources staff may assist with education and outreach.</p>

Solid Waste

CEF Green Plan	Chatham County - Savannah Tricentennial Plan	Areas of MPC Engagement
3.7 Solid Waste		
1::REDUCE ENVIRONMENTAL IMPACTS Reduce the measured impacts of solid waste disposal on the natural environment of the County including groundwater impacts, land use impacts by landfills, and air quality through the use of recycling efforts, composting and alternative disposal options by 50% by 2018.		
<i>Objective 1: Develop baseline data for the total volume of solid waste disposed of from within Chatham County during 2007 and quantify the impacts to groundwater, land and air of that waste disposal.</i>		
Action Item A: Using a survey instrument, obtain baseline data from all waste haulers and disposal facilities within the geographic boundary of the County of waste volumes disposed of in 2007. Survey instrument to be submitted to parties no later than March 2009 and received no later than 15 April 2009.	5.6 Natural Resources/Goal J/Objective 3/Strategy a: Seek funds to conduct a countywide solid waste stream analysis to determine the composition of waste entering landfills in Chatham County.	<i>MPC may assist where deemed appropriate.</i>
Action Item B: Using a survey instrument, request publically available information from both public and private landfills, regarding current groundwater contamination and remedial status, land mass of landfill estimated or quantified releases to air (whether permitted or unpermitted). Survey instrument to be submitted to parties no later than March 2009 and received no later than 15 April 2009.	5.6 Natural Resources/Goal J/Objective 3/Strategy a: Seek funds to conduct a countywide solid waste stream analysis to determine the composition of waste entering landfills in Chatham County.	<i>MPC may assist where deemed appropriate.</i>
<i>Objective 2: Reduce solid waste disposal volumes within the geographic boundary of Chatham County by 30% by 2012 based on 2007 baseline.</i>	5.6 Natural Resources/Goal J/Objective 3: Reduce the volume of waste entering Chatham County landfills.	
Action Item A: Implement a community-wide education program for household composting.	5.6 Natural Resources/Goal J/Objective 3/Strategy f: Provide education to all area residents about the need to recycle and recycling options.	<i>MPC may assist where deemed appropriate.</i>
Action Item B: Make public mulch more readily available (publicity, easier to obtain, etc.)	<i>Amendment to the plan addressing this topic is being researched.</i>	<i>MPC may assist where deemed appropriate.</i>
Action Item C: Adopt procurement policy of preferred buying from companies that are ISO 14001 certified to ensure reductions in product packaging have been implemented by companies and therefore reducing the County solid waste stream.	<i>Amendment to the plan addressing this topic is being researched.</i>	MPC addressed in own operations through the MPC 2010 Sustainability Initiative.

Solid Waste

CEF Green Plan	Chatham County - Savannah Tricentennial Plan	Areas of MPC Engagement
Action Item D: Enact additional business taxes on the use of plastic bags at retail stores or consider banning their use within the County.	<i>Amendment to the plan addressing this topic is being researched.</i>	
2::REDUCE GROUNDWATER IMPACTS Reduce areal extent of groundwater impacts from landfills within the County by 50% based on 2007 baseline data or to within the confines of the permitted footprint of the landfill by 2015, whichever is greater.		
Action Item A: Develop a baseline for the County landfills based on 2007 reporting data by directly requesting information on soil/groundwater contaminant plumes from the area landfills. This information is public information based on reporting requirements to Georgia Environmental Protection Division (EPD)	5.6 Natural Resources/Goal H/Objective 3: Protect groundwater recharge areas.	<i>MPC may assist where deemed appropriate.</i>
Action Item B: Track landfill containment plumes and lobby EPD for expedited remedial actions.	5.6 Natural Resources/Goal H/Objective 3: Protect groundwater recharge areas.	<i>MPC may assist where deemed appropriate.</i>
3::PROMOTE BIO-FUELS Promote the production of a bio-fuel processing plant within the County by providing all yard waste diverted from the landfill and not used in homeowner landscape mulch program to the bio-fuel processing facility.		
Action Item A: Estimate the annual quantity of mulch produced from yard waste collection and subtract the estimated annual usage from homeowners. All excess mulch shall be provided to the bio-fuels processing facility as "seed" material to assist the facility's construction and initial start up.	<i>Amendment to the plan addressing this topic is being researched.</i>	<i>MPC may assist where deemed appropriate.</i>
Action Item B: Further support the bio-fuels production by converting its fleet vehicles, where possible, to bio-fuel.	<i>MPC may assist where deemed appropriate.</i>	MPC is addressing in own operations through the MPC 2010 Sustainability Initiative.
4::PROMOTE RECYCLING Support local recycling programs, particularly the City of Savannah's, by agreeing to participate in the program, and request the City increase its targeted recycle rate from the current 10% of the waste stream to 20% of the waste stream by no later than 2010.	5.6 Natural Resources/Goal J/Objective 3/Strategy e: Encourage all private waste management companies to provide a curbside recycling option to customers.	<i>MPC may assist where deemed appropriate.</i>

Solid Waste

CEF Green Plan	Chatham County - Savannah Tricentennial Plan	Areas of MPC Engagement
5::PROMOTE COMPOSTING Promote removal of all organic materials from disposal in a landfill by establishing a County-wide compost program that removes 50% of remaining organic materials from County-wide waste stream by 2015.	5.6 Natural Resources/Goal J/Objective 3: Reduce the volume of waste entering Chatham County landfills.	<i>MPC may assist where deemed appropriate.</i>
Action Item A: Develop an educational program for use in the public schools, local garden clubs, churches and other civic organizations specifically to instruct homeowners how to conduct residential composting.	5.6 Natural Resources/Goal J/Objective 3/ Strategy f: Provide education to all area residents about the need to recycle and recycling options.	Current: MPC Natural Resources staff currently partners with City and County on education and outreach for composting and mulch availability as a water conservation strategy.
6:: EDUCATION & AWARENESS Promote the County's landscape mulch program by increasing public awareness of the program through education and media campaigns and improving public accessibility to the mulch by providing home delivery (at cost) and assistance in loading of vehicles at the mulching locations.	5.6 Natural Resources/Goal J/Objective 3: Reduce the volume of waste entering Chatham County landfills.	Current: MPC Natural Resources staff currently partners with City and County on education and outreach for composting and mulch availability as a water conservation strategy.