

ID	Initiative	Responsible Department	Budgeted Funding Amount	2023 Accomplishments
1.0 Natural Environment				
1.43	<p>CONTINUE SPECIAL ITEM RECYCLING PROGRAM</p> <p>In 2020, the City of Brookhaven partnered with the City of Chamblee, Keep Chamblee Beautiful, and the Center for Hard to Recycle Materials to produce a pop-up recycling event for the local community. Due to the COVID-19 pandemic, the scheduled April – June 2021 events were cancelled and out of an abundance of caution, plans for such events were halted. When reinitiated 2021 and 2022, the event was widely popular and well-attended. The effort collected tons of electronics, glass, plastics, etc. This funding amount is expected to cover the cost of three events assuming continued partnerships to leverage non-City funding.</p>	City Manager	\$15,000	Joint event held with Chamblee & CHaRM 03/18/23.
1.44	<p>CONTINUE ENERGY-EFFICIENT FLEET CONVERSION</p> <p>The City continues to monitor metrics such as fuel usage, maintenance costs, and vehicle lifespan to assess electric and hybrid models to replace gasoline-powered vehicles. As new EV models become available, and fleet vehicles near retirement, consideration of energy-efficiency will be a top priority in new vehicle selection. Funding in 2023 will purchase 15 hybrid or electric vehicles within the Police Department, 2 hybrid or electric vehicles within the Community Development Department, 1 electric car within the City Manager’s Office, and 1 electric pick-up truck within the Parks and Recreation Department. Funding will also include upfitting of vehicles with necessary equipment.</p>	Citywide	\$1,240,553	
1.45	<p>CONTINUE FRONT YARD TREE PLANTING PROGRAM</p> <p>In 2019, the City of Brookhaven partnered with Trees Atlanta to allow residents to apply for a tree to add to their front yard. The program was widely popular and continued in subsequent years. This amount represents triple the investment made in 2019, in alignment with Brookhaven’s commitment to maintain or expand its tree canopy. It is anticipated that the City will bring this program in-house with the expansion of the Tree Canopy Preservation Division efforts.</p>	Community Development	\$15,000	
1.46	<p>CONTINUE TREE CANOPY STUDIES FOR CITY PARKS</p> <p>As part of updates to its tree ordinance in 2014, the City undertook a study of its urban tree canopy to highlight changes that had occurred over time. The study showed the canopy coverage for 2010 and 2013 and established a baseline measurement for monitoring Brookhaven’s tree canopy into the future. In 2016 and 2019, the City engaged consultants to complete updates to the study, with the results being presented in 2017 and 2020. To continue work on the City’s tree policy program, the City will complete individual tree canopy studies on each of the City’s parks to determine needs and future programming.</p>	Community Development Information Technology Parks and Recreation	Included in Responsible Department Operations	Complete. Presentation to Council 07/25/23.
1.47	<p>UPDATE ECONOMIC INCENTIVES POLICY RELATED TO ENERGY EFFICIENCY</p> <p>The program guidelines will consider incentives for those with green building certifications (LEED, EarthCraft, and ENERGY STAR), and Economic Development will continue to work closely with the Community Development Department to consider reduction/waiver of permitting fees and an expedited development review process.</p>	Economic Development	Included in Economic Development Operations	We continue to work closely and support the Community Development team in looking at programs that support the green building certifications. We have considered programs like PACE (Property Assessed Clean Energy) as a way to help businesses access the initiatives.
1.48	<p>DEVELOP PLAN TO REDUCE UTILITY USAGE IN GOVERNMENT FACILITIES</p> <p>As one of the 2020 commitments, the City did an analysis of utility usage to establish a baseline for water, natural gas, and electricity expenditures for government facilities, parks, and streetlights. Now that benchmarks have been identified, next steps include exploring ways to optimize usage and setting reduction goals.</p>	Facility Services	Included in Facility Services Department Operations	On track with utility goals and the new public safety building with its Geothermal HVAC system should help with that.
1.49	<p>EXPLORE BIKE SHARING PROGRAM FOR EMPLOYEES</p> <p>In an effort to promote sustainable practices and to lead by example, the City will provide bicycles, helmets, and training for staff. This will allow members of the organization to commute by bicycle on lunch breaks, to and from MARTA, and around Brookhaven on the City’s bike lanes and multiuse trails. This will aid in reducing the City’s carbon footprint, while boosting the multimodal transportation vibrancy of the community. Due to the COVID-19 pandemic, the development of this program was put on hold; however, it is anticipated that the program will be established fully in 2023 with the initial purchase of two electric bikes.</p>	Human Resources	\$3,000 (partially funded from the wellness program)	The employee survey resulted in no/little interest in establishing an e-bike sharing program for City Hall. This initiative will be tabled for now.

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1.50	<p>MURPHEY CANDLER LAKE HOUSE GEOTHERMAL and LOAD SHIFTING ANALYSIS In furtherance of promoting efficient use of natural resources, the Parks and Recreation Department will explore the use of geothermal energy, a sustainable and renewable source, at the new Murphey Candler Lake House. In addition, the Department will also research implementation of load shifting, moving utility consumption from one time period to another, to save on energy costs.</p>	Parks and Recreation	TBD	<p>Design drawings, specifications, and permitting of the MCP Lake House includes both a conventional electric hvac system and a geothermal system. The project will be bid with the conventional system to be included in the base bid. The geothermal system will be bid as an alternate that can replace the conventional system if the project budget allows. The building is sized to accommodate either system. The area required for the geothermal wells (borings) has been identified and laid out on the site plan. The area will require minimal tree removal if the geothermal system is selected.</p> <p>The design team also investigated load shifting and the use of solar energy for the electrical system in the Lake House. The size of the building is approximately 4,000 sf, set within a heavily wooded area of the park. This is not a building that would benefit from solar harvesting for the electrical uses of the building. The relatively small footprint and limited daily use of the building is not the ideal facility for overnight electrical rate reductions from the power company. The inverter / battery storage room for either alternative power source would increase the size of the electrical/mechanical rooms within the building. The estimated construction costs, and design fees, have a long-expected payback period.</p>
1.51	<p>COMPLETE BIOCHAR DEMONSTRATION PROJECT The City, in coordination with the University of Georgia, will complete a demonstration project utilizing biochar, charcoal produced from plant matter and stored in the soil as a means of removing carbon dioxide from the atmosphere, in 2023. The City has an interest in establishing a composting operation that will incorporate biochar at its parks to be used as a tool for improvement and conservation of Brookhaven's waterways.</p>	Public Works	\$150,000	<p>1/20/23 Biochar installed by UGA, 2/9/23 Storm Event Sampling taken</p> <p>7/23/23 Continue to coordinate with UGA.</p>