



Maryland Green Registry MEMBER

The Maryland Green Registry promotes and recognizes sustainable practices at organizations of all types and sizes. Members agree to share at least five environmental practices and one measurable result while striving to continually improve their environmental performance.

City of Frederick



101 North Court Street
Frederick, MD 21701
301-600-2843
www.cityoffrederick.com
Municipality
Member since October 2012

Management and Leadership

Environmental Policy Statement

The City adopted its Climate Action Plan for Government Operations September 21, 2021. The Plan establishes a baseline and framework for sustainable initiatives to reduce greenhouse gas (GHG) emissions and better adapt to climate change. The complete document can be viewed at the site: <https://www.cityoffrederickmd.gov/DocumentCenter/View/19423/Climate-Action-Plan-Government-Operations-FINAL-w-Resolution-100721>

Environmental Team

The City's Sustainability Committee continues to serve in an advisory capacity for a number of topics, including community outreach and education efforts, electric vehicle readiness, and community options for solar. The Committee also provides input on Capital Improvement Program for consistency with the Sustainability Plan. The forming resolution can be viewed at the site below: <http://www.cityoffrederick.com/DocumentCenter/View/5574/16-05-Sustainability-Committee-Resolution-?bidId=>

Annual Environmental Goals

The City Sustainability Department presents an annual report, including goals for the following year. The report focuses on projects in the eight sectors of the City's Sustainability Plan and tracks data to determine progress. The City's 2022 Annual report can be found here:

Environmental Restoration or Community Environmental Projects

The City has begun the design process in spring 2022 to restore more than 8,000 linear feet of Carroll Creek from Husky Park to its confluence with the Monocacy River. The project includes significant habitat enhancements, floodplain reconnection in some areas, new stream meanders, and new in-stream features to help direct flow and protect the banks. The design is expected to be complete by summer 2023 and will move to construction at that time.

The City completed its first stream restoration of Rock Creek in Waterford Park in spring 2019. The restoration design included public input with five meetings during the planning phase. In addition, the construction phase was documented by Friends of Waterford Park. The finished project has protected the banks from erosion, despite three major storm events since its completion. All storms caused the stream to overflow the banks and rush the adjacent forested area. The banks have held. The project also included additional riparian buffer plantings to enhance habitat and provide additional rooting space to take up excess water.

Waste

Recycling

The recycling program in the City is part of Frederick County's recycling program. Recycling containers are provided in all City facilities and at all public events sponsored by the City. All single family and townhouses are provided with recycling containers and collection is twice a month. The County collectively recycles 47% of its waste.

Hazardous Waste/Toxic Use Reduction

Frederick County hosts Hazardous Waste drop-off days twice per year. They accept multiple items that cannot be thrown into regular trash, including aerosol spray paints, brake fluid, flares, fluorescent bulbs, fuels, household cleaners, mercury thermometers, mothballs, nickel cadmium and NIMH batteries, pesticides, insecticides, fungicides, photographic chemicals, smoke detectors, stains and sealants, thinners and solvents, and household materials marked as hazardous or toxic.

Compost/Organics Recovery

The City of Frederick launched a Residential Compost Pilot program in spring 2022 to help determine the organics recovery potential and reduction in overall waste reaching the landfill. The program is using a composting facility located in Frederick County, which will also reduce the transportation emissions, an important

consideration in overall carbon footprint reduction. As of spring 2023, the program is able to divert an average of 34.4 pounds of compostable materials per household per month. The average total diversion of compostables from current participants is about 9,885 pounds. In the first seven months of the program, 34.6 tons of compostable materials were diverted to organics recovery rather than the landfill.

Energy

Energy Efficiency

Since adopting the Energy Efficiency Policy in 2014, the City continues to work diligently to update and retrofit all its streetlights with LEDs. Because the City's streetlights made up about 25% of the City's electricity usage, conversion to LEDs will significantly reduce the carbon footprint.

Renewable Energy

The City has locked in an account to offset 100% of its electricity usage by purchasing renewable energy credits in the contract year December 2025. We hope to continue this effort in future contract years.

Transportation

Fleet Vehicles

The City's police department is now only purchasing hybrid vehicles. The City also is purchasing hybrid vehicles for code enforcement and other staff that regularly drive for their work, though some vehicles are shared and not ready for replacement at this time. These vehicles will mean much less fuel used, many fewer CO₂ emissions, and overall reduction in carbon footprint. These efforts will continue each year.

Water

Stormwater Management

The City has chosen to restore several stream reaches as part of its stormwater management program. The first restoration, a stretch of Rock Creek in Waterford Park, was completed in 2018. This 1,200 linear foot stream reach now has increased habitat for fisheries and macroinvertebrates, as well as improved riparian buffer. The bank stabilization also reduced sedimentation in the creek.

A second 8,000 linear foot stream reach, Carroll Creek from Husky Park to its confluence with the Monocacy River, is in design as of spring 2022. This stretch will help reconnect floodplain, establish a riparian buffer, protect the stream banks from erosion, and create new habitat for fisheries and macroinvertebrates. Ultimately, the stream restoration will reduce nutrients and sediment reaching the Monocacy River.

Environmental Certification Programs, Awards, and Other Activities

LEED for Cities

The City of Frederick has achieved LEED for Cities Certified status in 2019. In addition, the City was recognized as the Sustainable Maryland Sustainability Champion in 2023. The City has been a Sustainable Maryland Certified community since 2013. We create an annual report each year to show what accomplishments have been made over the year and what we still need to work on. The most recent annual report can be found on the City's Sustainability webpage at: <http://www.cityoffrederick.com/891/Sustainability>

Profile Updated May 2023



Help build a greener, more sustainable Maryland through voluntary practices that reduce environmental impacts and save money.

Learn more at green.maryland.gov

