



ENVIRONMENTAL SUSTAINABILITY DIVISION

Dedicated to environmental compliance, public education, pollution prevention, and environmental stewardship opportunities.



Regulatory

- Decommissioned fuel station @ City Yard with associated site characterization
- Regulated waste management
- Maintain MS4 Stormwater (City-wide) and Industrial Stormwater (CAT-specific) permit compliance

Climate Protection

- Facilitated adoption of community-wide GHG reduction goals (45% by 2030; carbon neutral by 2050)
- Annual submittal to CPD, the global reporting platform
- Climate Action Planning
- Resilience and Adaptation Planning
- Pursue expanded renewable energy generation

Commitment:
GLOBAL COVENANT OF MAYORS for CLIMATE AND ENERGY
3 Phases | 2 Tracks

PHASE	BADGE	GHG REDUCTION TRACK	ADAPTATION TRACK
PHASE 1: Inventory		Measure city-wide GHG emissions	Identify climate hazards
PHASE 2: Target		Set a GHG reduction target	Assess climate vulnerabilities
PHASE 3: Plan		Develop climate action plans to deliver on target	Develop climate adaptation plan

Energy & Water Management



Annual City/CCS Consumption

- * Energy Usage:
Elec: 25,703,559 kWh
Nat Gas: 29,102,364 CF
- * Total Energy Cost: \$3,171,834
- * Water Usage : 3,901,765 CF
- * Total Water Cost: \$531,261

- CCS Energy and Water Performance Resolution (April 2019)
- City Energy and Water Management Policy (July 2019)
- Launched CCS focused awareness/engagement program
- Built out and launched City utility tracking software
- EPA WaterSense Sustained Excellence Award
- Pursue Energy Performance Contract
- Develop and launch internal City-focused awareness and engagement program

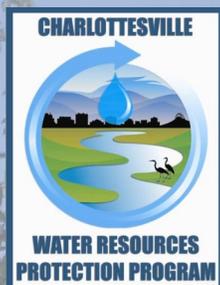
Energy & Water Management Program
City of Charlottesville



Water Resources Protection Program & Stormwater Utility

- Collect \$1.9M annually in dedicated stormwater fees for related programming
- Developed Local and Chesapeake Bay TMDL Action Plans
- Awarded \$792,000 (state grant) to design & construct 3 stream restoration projects
- Collaborate on design for Rockland Avenue pedestrian bridge over Pollocks Branch

The WRPP is designed to comply with federal and state stormwater regulations, rehabilitate the City's aging stormwater system, address drainage and flooding problems, and pursue environmental stewardship



And More



- Expanded compost collection program
- Numerous development plan reviews
- Inaugural Environmental Sustainability Chapter in Standards and Design Manual
- Completed GreenPrint 1.0 (Green Infrastructure Report)
- Active social media presence to promote programs, services, and goals
- Maintain online [CityGreenMap](#) resource
- Landfill Diversion Study
- Contribute to Comp Plan / Housing Strategy / Zoning Ordinance

ALIGNMENT WITH COUNCIL COMMITMENTS

- Council commitment to Global Covenant of Mayors for Climate and Energy in June 2017 (builds on previous commitments); July 2019 GHG reduction goals
- Council adoption of Stormwater Utility to support WRPP in Feb 2012
- City Council adopted a resolution to implement green building practices for City construction projects in 2008
- Environmental Administration (now Sustainability) Program established in 2003
- Water Conservation program officially established in 2002 after the harsh drought of 2001

ALIGNMENT WITH 2018-2020 STRATEGIC PLAN

GOAL 3: A Beautiful and Sustainable Natural and Built Environment

- 3.1 Engage in robust and context sensitive urban planning and implementation
- 3.2 Provide reliable and high-quality infrastructure
- 3.3 Provide a variety of transportation and mobility options
- 3.4 Be responsible stewards of natural resources
- 3.5 Protect historic and cultural resources

CITY COUNCIL 2025 VISION



A Green City

Charlottesville citizens live in a community with a vibrant urban forest, tree-lined streets, and lush green neighborhoods. We have an extensive natural trail system, along with healthy rivers and streams. We have clean air and water, we emphasize recycling and reuse, and we minimize storm-water runoff. Our homes and buildings are sustainably designed and energy efficient.