

Commissioners' Environmental Principles

- 1. Maintain and improve environmental quality and encourage economic prosperity while preserving the county's rural character.
- 2. Promote land use, planning, and development concepts and practices that support citizens' health, safety, well-being, individual rights and the economic viability of Carroll County.
- 3. Maintain safe and adequate drinking water and other water supplies including efforts to protect and restore the Chesapeake Bay.
- 4. Strive to protect our natural resources for future generations.

Agriculture



Carroll County achieved a major milestone in 2020 by reaching 75,000 acres preserved in October 2020, three-quarters of the way toward the County's 100,000-acre goal.

	Acres
Program	Preserved
MALPF	46,239
Carroll County	24,072
Rural Legacy	5,408
Land Trusts & Conservancies	2,562
Total	78,281

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- in State & County funds toward achieving the goal of 100,000 ACs of farmland preserved.
- carroll ranks among the top county programs in the U.S. with the number of acres preserved through conservation easements.
- From FY 1980 through June 30, 2023, 78,281 acres were permanently preserved through easement programs, which is roughly 1/4 of the total county land area.
- For In FY 2021 and FY 2022, the Cover Crop Program in Carroll County saw another successful enrollment of over 29,294 and 22,640 acres, respectively.



Watersheds

- Carroll protected 105 miles of buffered streams under easements.
- As of December 2023, water recharge areas were protected on 3,778 acres incorporated into 30 easements.
- ◆ Little Pipe Creek and Upper Patapsco Rural Legacy Areas encompass 58,575 and 40,170 ACs of land, respectively.
- For every 1,000 residents, Carroll provides 48 AC of parks & recreation lands + 36 AC of natural resource lands

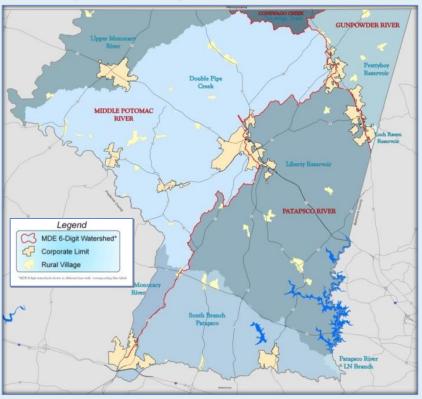
Carroll County drains to 9 different watersheds:

- Upper Monocacy River
- Conewago Creek
- Prettyboy Reservoir
- Double Pipe Creek
- Liberty Reservoir
- Loch Raven Reservoir
- Lower Monocacy River
- South Branch Patapsco River
- Lower North Branch Patapsco River

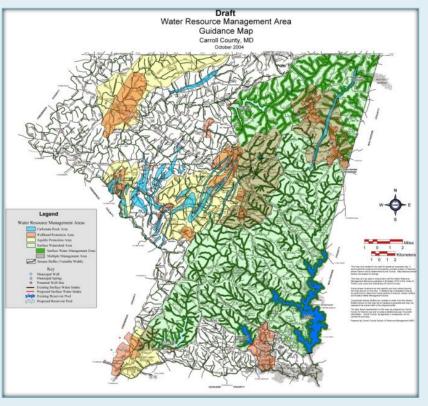
Carroll County Forest Conservation Acres Banked

Element	Acres
On-site retention	2,668
On-site planting	968
Off-site planting	138
Total bank acres	838

Carroll County has achieved a FEMA Community Rating System of Class 6, effective October 23. This results in discounted flood insurance premiums for property owners.



Easement Type	Acres Preserved	# of Easements
Water Resource	2,138	434
Protection		
Floodplain Protection	813	235
Forest Conservation	4,673	1,685
Totals	7,624	2,354



Urban Stormwater Mitigation

Citizens throughout the county can call the non-emergency
Stormwater Pollution Prevention Hotline to report suspected illicit discharges, illegal dumping, and spills.

410-386-2210

- Tunder the MOA, the Carroll County Commissioners pay 80% of the municipalities' capital costs to meet their restoration requirement.
- As of December 29, 2019, the end of the County's and municipalities' fourth-generation permit, 882.82 additional impervious acres have been restored.
- Annual operating expenditures for the stormwater program more than doubled since 2008, from ~\$334,000/yr to >\$3.5M/yr.
- From July 2005 to June 2022, the County invested almost \$40M in capital outlays, including >\$17.7M in grants from outside sources.
- For the 6-year period 2023 to 2028, Carroll will invest about \$27.7M in operating and >\$23.6M in capital expenses, assuming no additional grants are received. This equates to an annual expenditure of >\$8.56M over that period.

Protecting Carroll County Waters

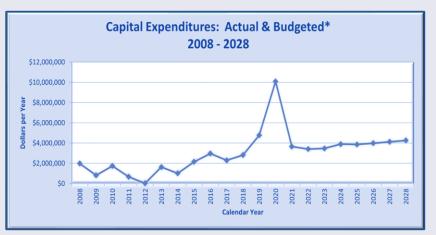
https://www.carrollcountymd.gov/ government/directory/landresource-management/protectingcarroll-county-waters-npdes/ Since spring 2013, 251.85 acres of trees have been planted in Carroll County on both private landowner properties as well as municipality-owned land. Plantings by watershed include:

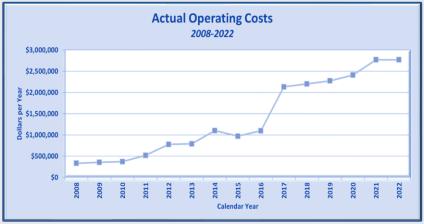
- 61.08 acres in Double Pipe Creek
- 67.40 acres in Liberty
- 5.77 acres in Loch Raven
- 12.22 acres in Lower Monocacy
- 10.99 acres in Prettyboy
- 66.27 acres in South Branch
- 28.12 acres in Upper Monocacy

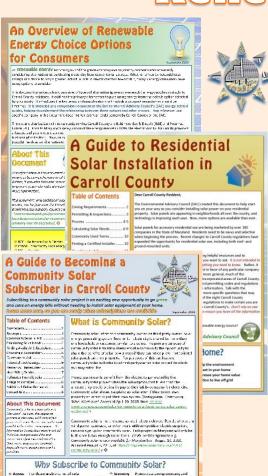


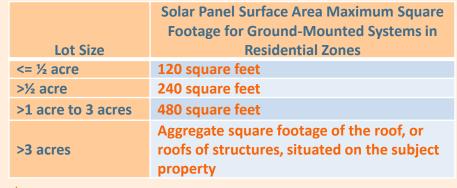
Impervious Area	Acres	Percent
Untreated County	8,070	2.8% of County area
Restoration Requirement	1,614	20% of Total Urban Impervious
Progress to Date for This Permit Term	1,629	~101%

FY 2023-2028	Capital	Operating
Total Budget	\$23,602,865	\$27,718,615
Average Annual Budget	\$3,933,811	\$4,619,769









- The County installed solar arrays on 3 different County properties - Carroll Community College, Hoods Mill Landfill, and Hampstead WWTP – to conserve energy and to save money. These facilities came online in 2018.
- In effort to encourage the finance of energy efficient and renewable energy projects and upgrades, Carroll County participates in the Property-Assessed Clean Energy financing program (PACE). This program is available to commercial and industrial properties.
- In 2018, Carroll County received a Silver Designation by the national SolSmart program.

Solar Energy Conversion Facilities FY 2015 – FY 2022	
Fiscal Year # of Permits	

Permits Issued in Carroll County for

Fiscal Year	# of Permits
2015	383
2016	606
2017	463
2018	312
2019	194
2020	157
2021	159
2022	174



Regydling

Carroll achieved a 47.29% recycling/waste diversion rate, including a 5% source reduction credit in 2018, over the State-mandated 35% rate.

For more information... Contact Brenda Dinne, EAC Secretary/Staff Liaison: bdinne@CarrollCountyMD.gov or 410-386-2140 or visit CarrollCountyMD.gov/EAC.

Septice

Conventional Septic System Action	# of Septics
Replaced with BAT: 2009-2022	278
Converted to Public Sewer Service: 2006-2022	26

Public Oufreach





