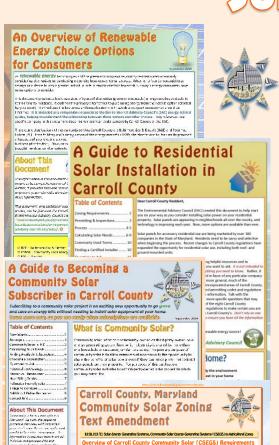
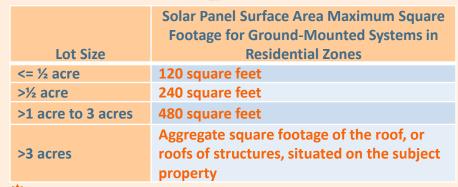
Commissioners' Environmental Principles

- 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.







- In May 2021, the Commissioners amended the County Zoning Code to allow community solar energy generating systems (CSEGSs) on remaining portions in the Agricultural Zone. The Code requires a permanent easement on the rest of the property, co-location with agricultural uses or pollinator friendly plantings, and landscaped screening. An outreach booklet provides information on the amendment.
- The County installed solar arrays on 3 different County properties – Carroll Community College, Hoods Mill Landfill, and Hampstead WWTP – to conserve energy and realize cost savings. These facilities came online in 2018.
- In 2018, Carroll County received a Silver Designation by the national SolSmart program.

Permits Issued in Carroll County for **Solar Energy Conversion Facilities** FY 2015 - FY 2020

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

Watersheds

- Carroll protected 102 miles of buffered streams under easements.
- As of December 2020, water recharge areas were protected on 3,599 acres incorporated into 27 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

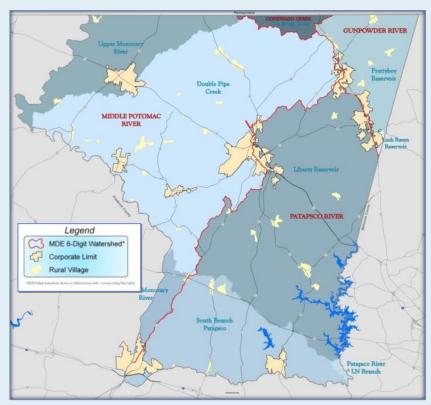
Carroll County drains to 9 different watersheds:

- 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

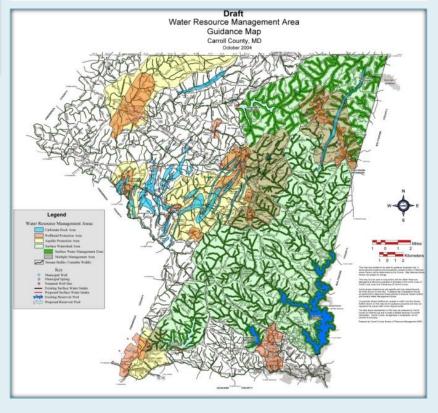


Carroll County Forest Conservation Acres Banked

Element	Acres
Total bank acres	595
Other acreage	
On-site retention	3,386
On-site planting	1,493
Off-site planting	316



Easement Type	Acres Preserved	# of Easements
Water Resource	2,023	410
Protection		
Floodplain Protection	746	225
Forest Conservation	4,428	1,619
Totals	7,197	2,254



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, 2,317.5 impervious acres had been restored.
- Annual operating expenditures for the stormwater program more than doubled since 2008, from ~\$334,000/yr to >\$2.7M/yr.
- From July 2005 to June 2021, the County invested almost \$36M in capital outlays, not including >\$17.7M in grants from outside sources.
- For the 6-year period 2022 to 2027, Carroll will invest about \$16.5M in operating and >\$23.5M in capital expenses, assuming no additional grants are received. This equates to an annual expenditure of >\$6.6M over that period.

Protecting Carroll County Waters

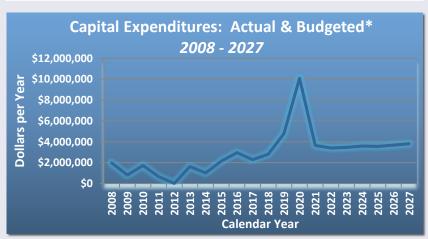
https://www.carrollcountymd.gov/ government/directory/landresource-management/protectingcarroll-county-waters-npdes/ Since spring 2013, 208.8 acres of trees have been planted in Carroll County on both private landowner properties as well as municipality-owned land. Plantings by watershed include:

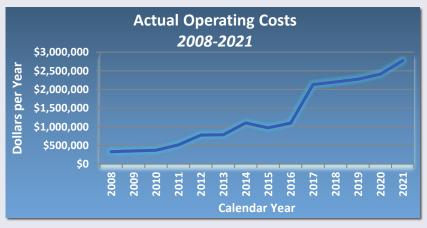
- 55.64 acres in Double Pipe Creek
- 52.74 acres in Liberty
- 5.77 acres in Loch Raven
- 12.22 acres in Lower Monocacy
- 11.17 acres in Prettyboy
- 43.06 acres in South Branch
- 28.20 acres in Upper Monocacy



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 2022-2027	Capital	Operating
Total Budget	\$23,544,861	\$16,500,000
Average Annual Budget	\$3,890,810	\$2,770,000





Agriculture



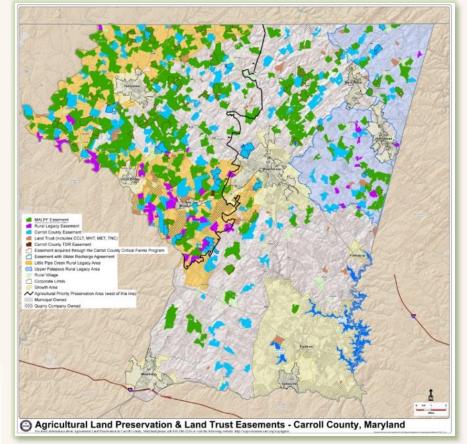


Celebrating 75,000 Acres
Preserved & Growing
CelebratingAgPres.
CarrollCountyMD.gov

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.

- Since FY 1980, Carroll spent over \$244M in State & County funds toward achieving the goal of 100,000 ACs of farmland preserved.
- county programs in the U.S. with the number of acres preserved through conservation easements.
- From FY 1980 through FY 2021, 76,595 acres were permanently preserved through easement programs, which is roughly 1/4 of the total county land area.

Program	Acres Preserved
MALPF	45,146
Carroll County	23,706
Rural Legacy	5,181
Land Trusts & Conservancies	2,562
Total	76,595



In FY 2019 and FY 2020, the Cover Crop Program in Carroll County saw another successful enrollment of 44,657 acres.

Recycling

Carroll achieved a 38.33% 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: 2009-2020	238
Converted to Public Sewer Service: 2006-2020	26

Public Outreach





