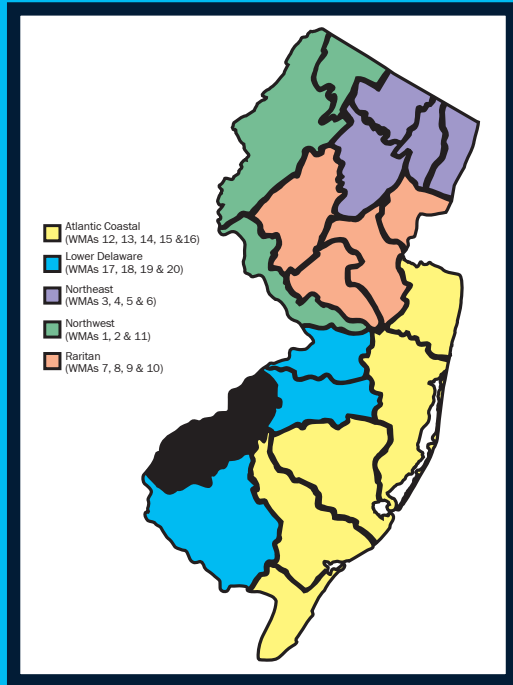


Watershed Management Area 18

Lower Delaware



Watershed Management Area 18 (WMA 18) includes the Cooper River, Big Timber, Manuta, Newton, Oldmans, Pennsauken, Pompeston, Raccoon, Repaupo and Woodbury Creeks, as well as Baldwin Run, Swede Run and Maple Swamp. This management area covers all of parts of Burlington, Camden and Gloucester Counties, including 68 municipalities encompassing 391 square miles.

The Cooper River is 16 miles long and its watershed encompasses an area of 40 square miles. The River flows through Camden County to the Delaware River at Camden City.

Big Timber Creek drains an area of 63 miles. The mainstem and most of the south branch divide Gloucester and Camden Counties before flowing into the Delaware River near Brooklawn, south of Camden.

Mantua Creek drains an area of 50.9 square miles of land. From its headwaters in Glassboro, Mantua Creek flows 18.6 miles northwest to the Delaware River at Paulsboro.

Oldmans Creek drains an area of 44 square miles and flows on the Coastal Plain to the Delaware River. This Creek, 20 miles long, marks the boundary between Gloucester and Salem Counties.

The Pennsauken Creek drains 33 square miles of southwestern Burlington County and northern Camden County. This creek flows into the Delaware River near Palmyra, New Jersey. The North Branch of the Pennsauken is in Burlington County, while the south branch is the boundary between Burlington and Camden Counties.

The Raccoon Creek Watershed contains approximately 40 square miles and drains central Gloucester County. The Creek itself is 19 miles long and flows from Elk Township to the Delaware River, across from Marcus Hook, Pennsylvania.

Woodbury Creek is five miles long and drains 18 square miles. It is the smallest watershed in Gloucester County.

In general, industrial and urban development is concentrated downstream closer to the Delaware River and the upstream headwaters have more forested and agricultural land uses. The upstream sections are more influenced by suburban and agricultural runoff problems whereas the downstream portions are influenced by both past and present industrial and urban uses. Pennsauken and Cooper River flow through heavily urbanized and industrial areas and have water quality problems related to both point source dischargers and urban stormwater runoff.

WMA 18 Partnerships:

- ▶ Burlington County Planning Department
- ▶ Burlington County Soil Conservation District
- ▶ Camden County Planning Department
- ▶ Camden County Soil Conservation District
- ▶ Gloucester County Planning Department
- ▶ Gloucester County Soil Conservation District
- ▶ Pompeston Creek Watershed Association
- ▶ Rowan University
- ▶ Rutgers University



New Jersey Department of Environmental Protection
 Division of Watershed Management
 Bureau of Watershed Planning

Watershed Management Area 18

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This factsheet is a snapshot of the workplan for Watershed Management Area 18.

Watershed Plans are regional/areawide in scope (i.e. not a study of one location); detail specific projects or management measures to be implemented to achieve the goals of the plan; and set forth a prioritization of the projects or measures identified in the plan. The Department has identified a **Priority Segment for Restoration** in each watershed management area. Funding was provided to conduct a basic characterization and assessment of the segment and to identify restoration projects to address a specific parameter of concern (i.e. fecal coliform). Since 2003, the Department has prepared and adopted hundreds of Total Maximum Daily Load (TMDL) documents to address the impaired waters of the state. **TMDL Implementation Priorities** represent the Bureau of Watershed Planning's focus for implementing the adopted TMDLs. **Active Grant Projects** represent current projects with which the Bureau of Watershed Planning is actively involved. Many of these projects are funded through the Federal 319(h) Nonpoint Source Program.

Watershed Plans:

- ▶ Pompeston Creek (under development)
- ▶ Upper Mantua Creek (under development)
- ▶ Raccoon Creek (under development)
- ▶ Cooper River (under development)

Priority Segment for Restoration

- ▶ Newton Creek headwaters in Saddler Woods

TMDL Implementation Priorities:

- ▶ Strawbridge Lake Phosphorus
- ▶ Cooper River
- ▶ Cooper River Lake

Active Grant Projects:

- ▶ Stream Corridor Restoration Project for Plank Run, Glassboro Township, Gloucester County
 - Gloucester County
- ▶ Retrofit of a Stormwater Outfall and Stream Bank Restoration of the Pompeston Creek, Cinnaminson
 - Cinnaminson Township Public Schools
- ▶ Regional Stormwater Management Plan for the Raccoon Creek
 - Camden County Soil Conservation District
- ▶ Regional Stormwater Management Plan for Pompeston Creek, Burlington County
 - Rutgers University and the Pompeston Creek Watershed Association
- ▶ Regional Stormwater Management Plan for the Upper Mantua Creek
 - Camden County Soil Conservation District
- ▶ Cooper River Detention Basin Retrofit Project
 - Camden County Soil Conservation District



For more information on Watershed Management Area 18, contact Mike Haberland, WMA 18 Area Manager at (609) 633-7714 or email Mike.Haberland@dep.state.nj.us

For more information on New Jersey's 20 Watershed Management Areas visit www.nj.gov/dep/watershedmgt