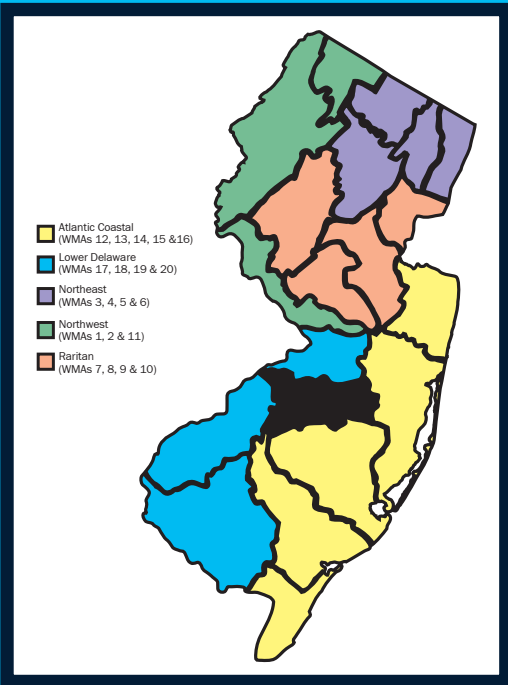




Watershed Management Area 19

Rancocas



Watershed Management Area 19 (WMA 19) is the largest watershed in south central New Jersey. It is comprised of the North Branch, South Branch and Main Stem of the Rancocas Creek, including Mill Creek. Portions of Burlington, Camden and Ocean Counties are included as well as 33 municipalities.

Of the 360 square miles in this area, the North Branch drains 167 square miles and the South Branch drains 144 square miles. Starting in Browns Mills, the North Branch is 31 miles long and is fed by the Greenwood Branch, McDonalds Branch and Mount Misery Brook. The major tributaries to the South Branch include the Southwest Branch Rancocas Creek, Stop the Jade Run, Haynes Creek and Friendship Creek. The watershed extends from the shores of the Delaware River to the interior of the Pinelands.

After the confluence of the north and south branches, the main stem flows about 8 miles and drains an area of approximately 49 square miles before emptying into the Delaware River at Delanco and Riverside.

As part of the Delaware Estuary, tidal influence occurs for about 15 stream miles extending the entire length of the mainstream to the dam at Mount Holly on the North Branch, Vincentown on the South Branch, and Kirby Mills on the Southwest Branch.

Land use is a mix of agriculture, forest and suburban development. Agricultural land is quickly becoming suburban development in this watershed. Runoff from agricultural and suburban development have resulted in elevated Ph, bacteria and nutrient levels in many areas.

WMA 19 Partnerships:

WMA 19 was one of the first Watershed Management Areas established for the management of resources on a holistic level. The management group meets regularly twice a year. Active participants include the municipal wastewater dischargers, the agricultural community, Burlington County Soil Conservation District, Burlington County Land Use Office, Pinelands Preservation Alliance and the Rancocas Watershed Association.



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

Watershed Management Area 19

Rancocas

This factsheet is a snapshot of the workplan for Watershed Management Area 19.

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:

- ▶ Clean and Plentiful Water: A Management Plan for the Rancocas Creek Watershed (completed in 2003)
- ▶ Prioritization of Potential Streambank Stabilization and Habitat Restoration Projects in the Rancocas Creek Watershed

Priority Segment for Restoration

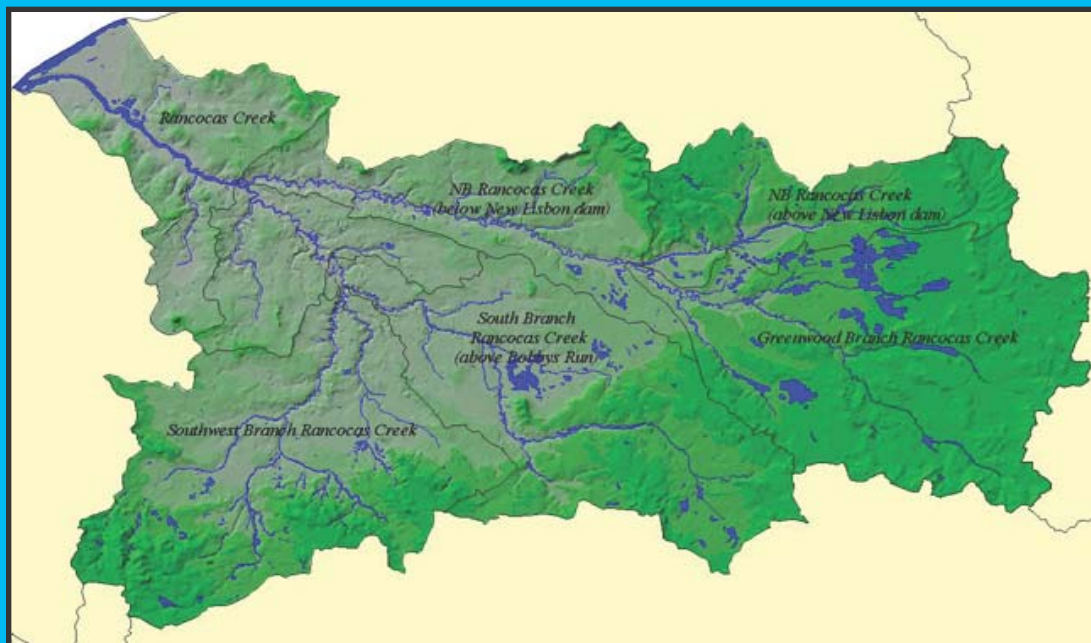
- ▶ Mill Creek

TMDL Implementation Priorities:

- ▶ Phosphorus TMDL for the Rancocas Creek

Active Grant Projects:

- ▶ Smithville Farm Environmental Restoration Project Phase 2 - Mill Creek
 - Burlington County Soil Conservation District
- ▶ Onsite Wastewater Management Plan for the North Branch Rancocas Creek
 - Burlington County



For more information on Watershed Management Area 19, contact Mike Haberland, WMA 19 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