

03040205-06

(Black River)

General Description

Watershed 03040205-06 is located in Lee, Sumter, Clarendon, and Williamsburg Counties and consists primarily of the **Black River** and its tributaries from Scape Ore Swamp to Pudding Swamp. The watershed occupies 84,764 acres of the Upper and Lower Coastal Plain regions of South Carolina. Land use/land cover in the watershed includes: 38.7% forested wetland, 30.6% agricultural land, 24.4% forested land, 4.1% urban land, 2.1% nonforested wetland, and 0.1% water.

This upper section of the Black River accepts drainage from its upstream reach together with the Scape Ore Swamp Watershed, Mill Branch, Tearcoat Branch (Davis Branch, Pen Branch), Breakfast Branch (Crow Bay), the Pocotaligo River Watershed, Broad Branch, another Mill Branch (Conyers Bay), and another Mill Branch. The river flows through the Black River Swamp throughout the watershed. There are a total of 190.7 stream miles and 122.9 acres of lake waters in this watershed. The Black River is classified FW* (Dissolved oxygen not less than 4.0 mg/l and pH between 5.0 and 8.0) and the remaining streams are classified FW.

Surface Water Quality

<u>Station #</u>	<u>Type</u>	<u>Class</u>	<u>Description</u>
PD-116	INT	FW*	BLACK RIVER AT S-14-40 E OF MANNING
PD-227	INT	FW*	BLACK RIVER AT S-45-35 8.6 MI NW OF KINGSTREE

Black River - There are two SCDHEC monitoring sites along this section of the Black River. At the upstream site (**PD-116**), aquatic life uses are partially supported due to dissolved oxygen excursions. There is a significant increasing trend in pH. Recreational uses are not supported at this site due to fecal coliform bacteria excursions. In addition, there is a significant increasing trend in fecal coliform bacteria. Aquatic life and recreational uses are fully supported at the downstream site (**PD-227**); however, there are significant increasing trends in five-day biological oxygen demand and fecal coliform bacteria.

*A fish consumption advisory has been issued by the Department for mercury and includes the **Black River** within this watershed (see advisory p.75).*

NPDES Program

Active NPDES Facilities

<i>RECEIVING STREAM FACILITY NAME</i>	<i>NPDES# TYPE</i>
BLACK RIVER TRIBUTARY RICKY GOFF/RICKY'S PIT MINE	SCG731059 MINOR INDUSTRIAL

Mining Activities

<i>MINING COMPANY MINE NAME</i>	<i>PERMIT # MINERAL</i>
RICKY'S LAND CLEARING & HAULING LLC RICKY'S PIT MINE	1893-27 SAND; TOPSOIL

Groundwater Quantity

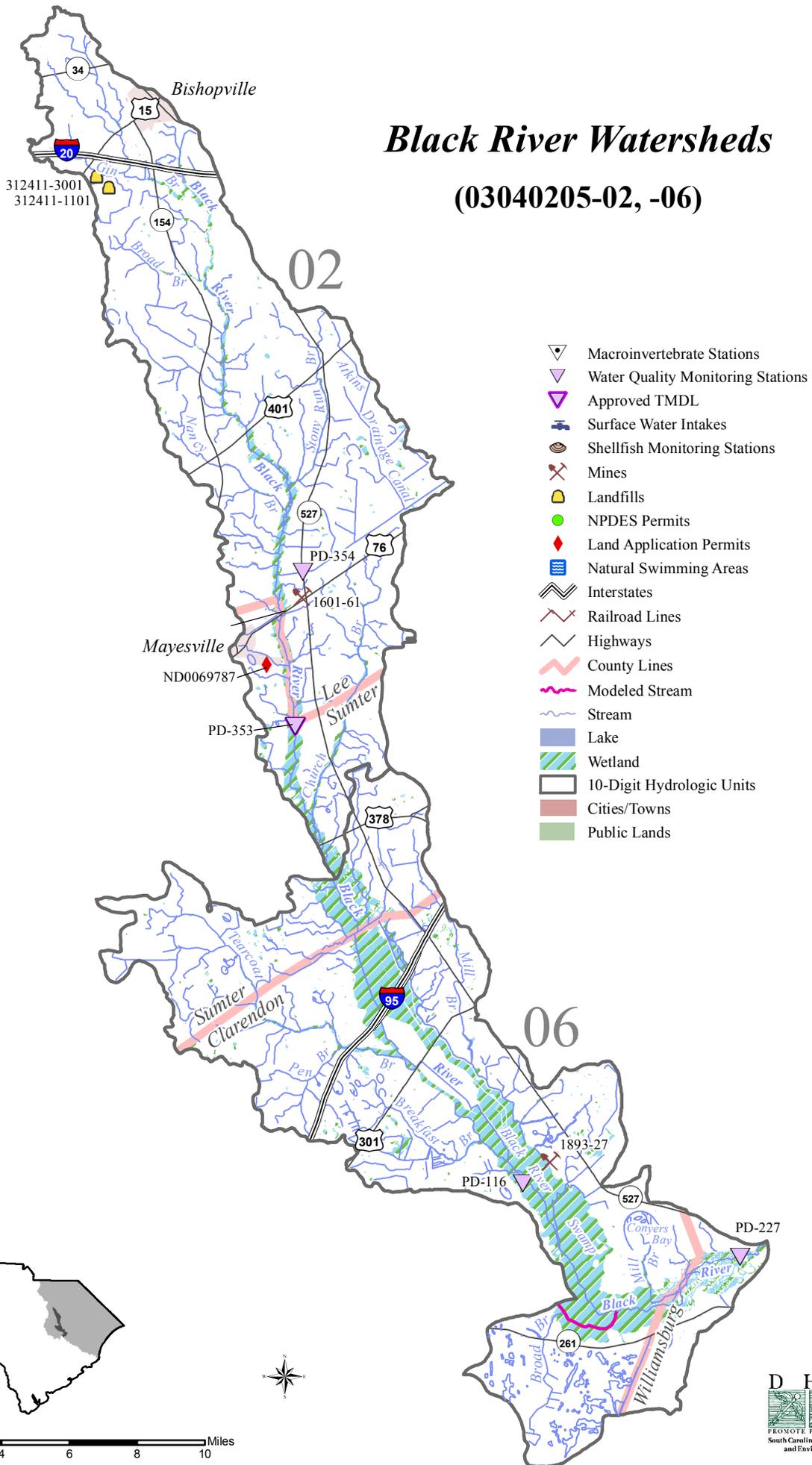
Portions of this watershed fall within the Pee Dee Capacity Use Area and large groundwater uses must be reported (see Capacity Use Program p.22).

Growth Potential

There is a low potential for growth in this watershed. There is no existing water or sewer infrastructure in the watershed. Some growth may occur surrounding the I-95 Interchanges and the U.S. Hwy 378 corridor. The remainder of the watershed is rural with agricultural and timberland uses.

Black River Watersheds

(03040205-02, -06)



312411-3001
312411-1101

02

06

