

03040201-12
(Great Pee Dee River)

General Description

Watershed 03040201-12 is located in Florence and Marion Counties and consists primarily of the *Great Pee Dee River* and its tributaries from Jeffries Creek to the Lynches River. The watershed occupies 57,878 acres of the Lower Coastal Plain region of South Carolina. Land use/land cover in the watershed includes: 51.1% forested wetland, 29.1% forested land, 13.8% agricultural land, 2.0% urban land, 2.2% water, and 1.8% nonforested wetland.

This section of the Great Pee Dee River accepts drainage from its upper reaches, together with Mill Branch, Bigham Branch, Barfield Mill Creek (Barfield Old Mill Creek, Brier Branch), the Catfish Creek Watershed, Bull Swamp (Ford Swamp), and Mulyns Creek. There are several oxbow lakes draining into the river including Dead River, Graves Lake, and Honey Lake. There are a total of 100.4 stream miles and 115.5 acres of lake waters in this watershed, all classified FW.

Surface Water Quality

<u>Station #</u>	<u>Type</u>	<u>Class</u>	<u>Description</u>
RS-10365	RS10	FW	GREAT PEE DEE RIVER AT DE WITT BLUFF LANDING
RS-08237	RS08	FW	GREAT PEE DEE RIVER AT BOSTIC LANDING AT END OF S-21-66
PD-076	INT	FW	GREAT PEE DEE RIVER AT US 378

Great Pee Dee River— There are three SCDHEC monitoring sites along this section of the Great Pee Dee River. This is a blackwater system, characterized by naturally low dissolved oxygen conditions. Aquatic life and recreational uses are fully supported at the two upstream sites (*RS-10365*, *RS-08237*). At the downstream site (*PD-076*), aquatic life and recreational uses are fully supported; however, there is a significant increasing trend in turbidity. Although dissolved oxygen excursions occurred, they were typical of values seen in blackwater systems and were considered natural, not standards violations. There is a significant decreasing trend in pH. A significant decreasing trend in total phosphorus concentration suggests improving conditions for this parameter.

A fish consumption advisory has been issued by the Department for mercury and includes the Great Pee Dee River within this watershed (see advisory p.144).

NPDES Program

Active NPDES Facilities

<i>RECEIVING STREAM FACILITY NAME</i>	<i>NPDES# TYPE</i>
GREAT PEE DEE RIVER TRIBUTARY CAROLINA SAND INC./GRESHAM PIT	SCG730181 MINOR INDUSTRIAL
GREAT PEE DEE RIVER TOWN OF PAMPLICO	SC0021351 MINOR DOMESTIC
MILL BRANCH NAT FLAX FIBER PROCESS FACILITY	SCG250285 MINOR INDUSTRIAL

Groundwater Quantity

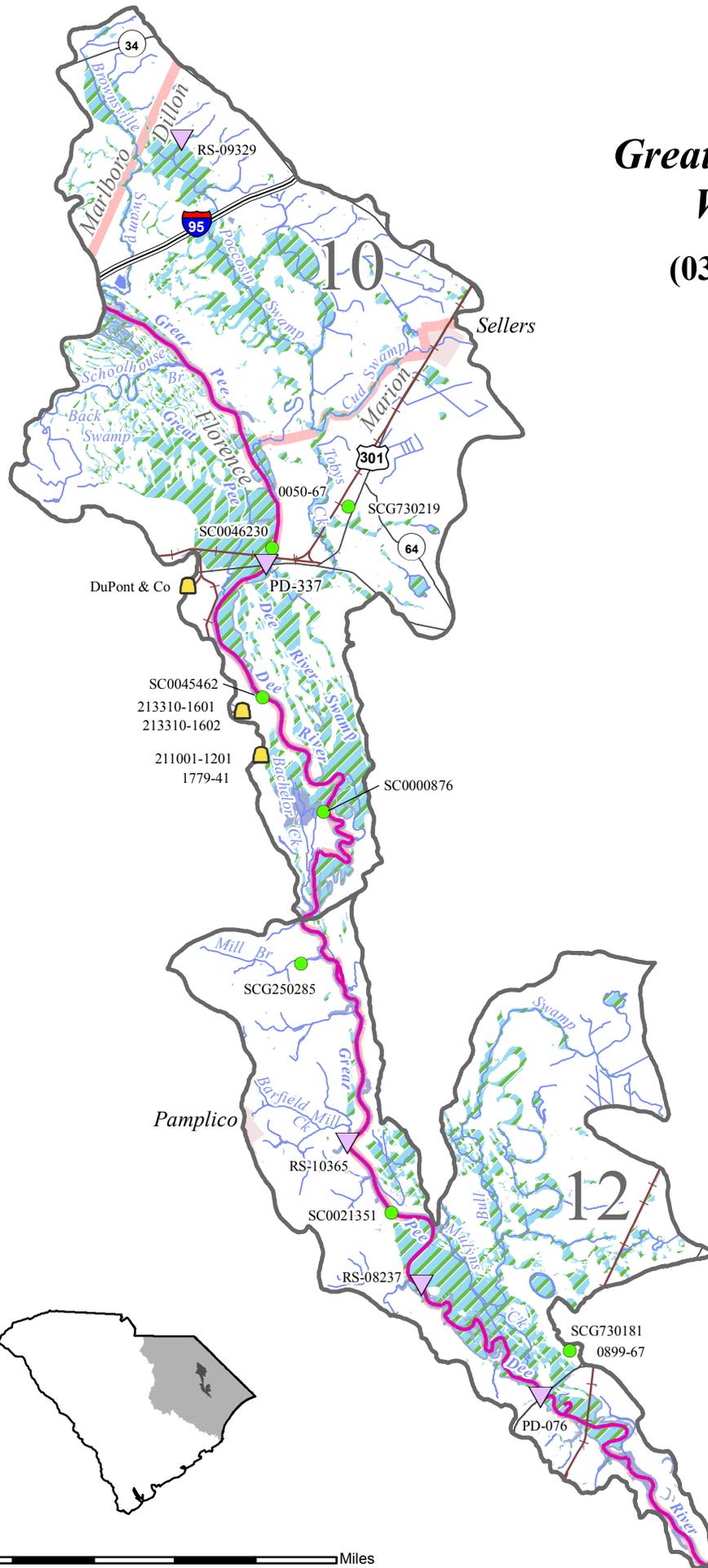
Portions of this watershed fall within the Pee Dee Capacity Use Area and large groundwater uses must be reported (see Capacity Use Program p.22).

Growth Potential

There is a low potential for growth in this rural watershed, which extends across the floodplain of the Great Pee Dee River. Except for a small portion of the Town of Pamplico, no public water or sewer service is available in the watershed.

Great Pee Dee River Watersheds

(03040201-10, -12)



- Macroinvertebrate Stations
- Water Quality Monitoring Stations
- Approved TMDL
- Surface Water Intakes
- Shellfish Monitoring Stations
- Mines
- Landfills
- NPDES Permits
- Land Application Permits
- Natural Swimming Areas
- Interstates
- Railroad Lines
- Highways
- County Lines
- Modeled Stream
- Stream
- Lake
- Wetland
- 10-Digit Hydrologic Units
- Cities/Towns
- Public Lands

