

03040203-13
(*Ashpole Swamp*)

General Description

The South Carolina portion of 03040203-13 is located in Dillon County and consists primarily of *Ashpole Swamp* and its tributaries. The watershed occupies 40,452 acres of the Upper Coastal Plain region of South Carolina. Land use/land cover in the watershed includes: 39.8% forested wetland, 38.6% agricultural land, 13.9% forested land, 6.0% urban land, 1.5% nonforested wetland, and 0.2% water.

Ashpole Swamp originates in North Carolina and flows across the border to receive drainage from Bear Swamp before flowing into the Lumber River. Canaan Branch (Roundabout Swamp) and Gully Branch (Beaverdam Creek) join in Gaddys Millpond and flow into Bear Swamp, which flows through Pages Millpond and accepts drainage from Cowpen Swamp before draining into Ashpole Swamp. There are a total of 80.0 stream miles and 206.9 acres of lake waters in this watershed. Ashpole Swamp, Cowpen Swamp, and Bear Swamp are classified FW* (dissolved oxygen not less than 4.0 mg/l and pH between 5.0 and 8.5), and the remaining streams are classified FW.

Surface Water Quality

<u>Station #</u>	<u>Type</u>	<u>Class</u>	<u>Description</u>
PD-368	INT	FW*	BEAR SWAMP AT S-17-56
PD-347	W	FW*	ASHPOLE SWAMP AT PRIVATE ROAD

Bear Swamp (PD-368) – Aquatic life uses are fully supported and significant decreasing trends in turbidity and total phosphorus concentration suggest improving conditions for these parameters. This is a blackwater system, characterized by naturally low dissolved oxygen conditions. Although dissolved oxygen excursions occurred, they were typical of values seen in blackwater systems and were considered natural, not standards violations. Recreational uses are partially supported due to fecal coliform bacteria excursions.

Ashpole Swamp (PD-347) – Aquatic life and recreational uses are fully supported. This is a blackwater system, characterized by naturally low dissolved oxygen conditions. Although dissolved oxygen excursions occurred, they were typical of values seen in blackwater systems and were considered natural, not standards violations.

NPDES Program

Active NPDES Facilities

<i>RECEIVING STREAM FACILITY NAME</i>	<i>NPDES# TYPE</i>
BEAR SWAMP GSW&SA/TOWN OF LAKE VIEW WWTP	SC0022284 MINOR DOMESTIC

Groundwater Quantity

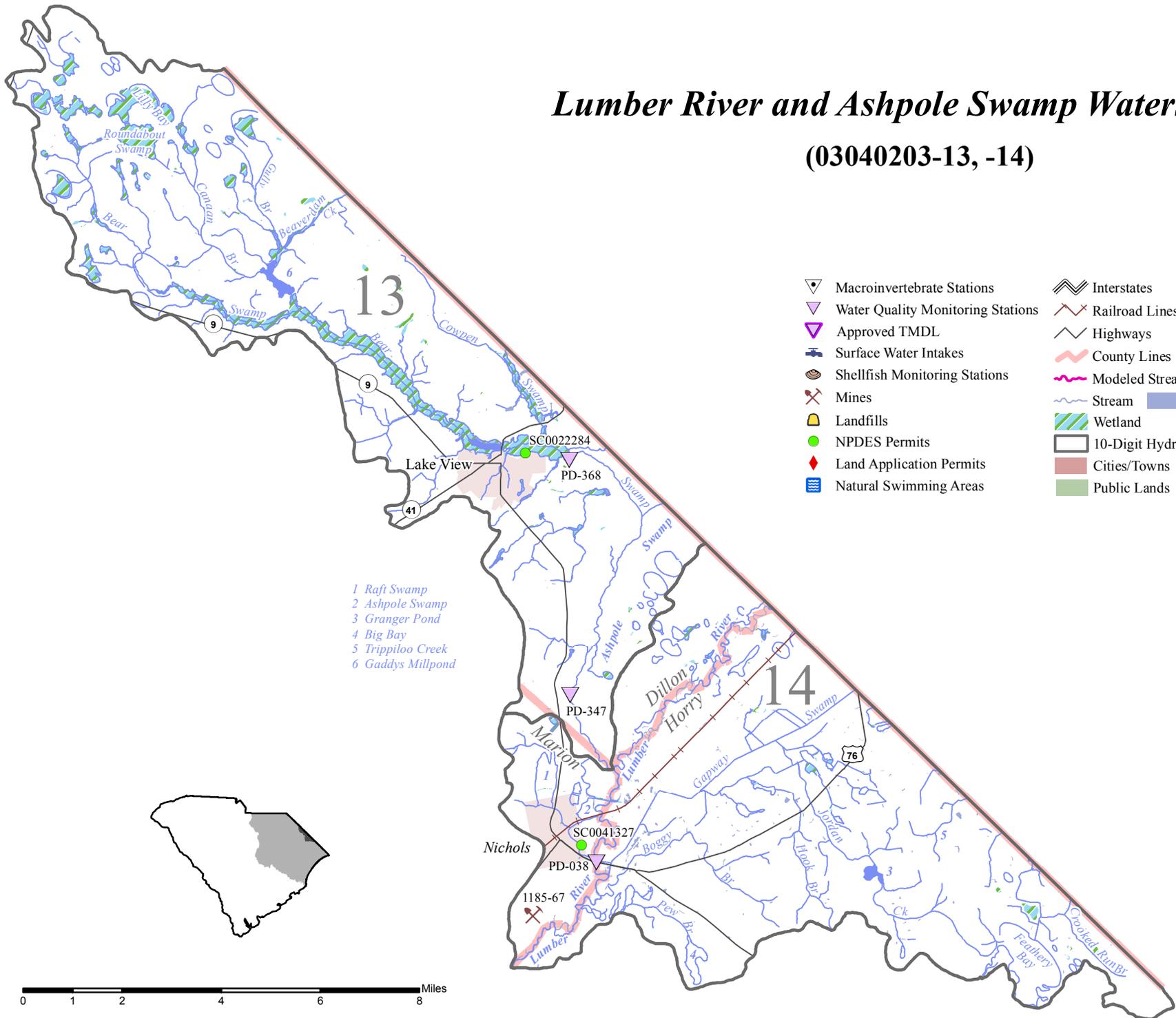
Portions of this watershed fall within the Pee Dee Capacity Use Area and large groundwater uses must be reported (see Capacity Use Program p.22).

Growth Potential

There is a low potential for growth in this watershed, which contains the Town of Lake View. An extensive rural water system serves the majority of the watershed, but sewer services are limited to the Town of Lake View.

Lumber River and Ashpole Swamp Watersheds

(03040203-13, -14)



- 1 Raft Swamp
- 2 Ashpole Swamp
- 3 Granger Pond
- 4 Big Bay
- 5 Trippiloo Creek
- 6 Gaddys Millpond

