

**03050208-03**  
**(Cypress Creek)**

**General Description**

Watershed 03050208-03 (formerly 03050208-080) located in Hampton and Jasper Counties and consists primarily of the *Cypress Creek* and its tributaries. The watershed occupies 54,122 acres of the Lower Coastal Plain region of South Carolina. Land use/land cover in the watershed includes: 50.3% forested land, 23.7% forested wetland, 21.9% agricultural land, 3.4% urban land, 0.5% nonforested wetland, and 0.2% water. A map depicting this watershed is found in Appendix C, page C-23.

Cypress Creek originates near the Town of Furman and accepts drainage from Cane Gall, Johns Pen Creek (Zigzag Branch) and Beaverdam Branch before flowing into the Coosawhatchie River. There are a total of 255.9 stream miles and 77.4 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>
CSTL-582	BIO	FW	CYPRESS CREEK AT SC 3
CSTL-122	INT	FW	CYPRESS CREEK AT S-27-108

*Cypress Creek* – There are two SCDHEC monitoring stations along Cypress Creek. At the upstream site (*CSTL-582*), aquatic life uses are fully supported based on macroinvertebrate community data. At the downstream site (*CSTL-122*), aquatic life uses are not supported due to occurrences of zinc in excess of the aquatic life chronic criterion. This is a blackwater system, characterized by naturally low pH and dissolved oxygen conditions. Although pH and dissolved oxygen excursions occurred, they were typical of values seen in blackwater systems and were considered natural, not standards violations. Significant decreasing trends in turbidity and increasing trends in dissolved oxygen concentration suggest improving conditions for these parameters. Recreational uses are fully supported.

**Groundwater Quality**

<u>Well #</u>	<u>Class</u>	<u>Aquifer</u>	<u>Location</u>
AMB-099	GB	TERTIARY LIMESTONE	GRAYS
AMB-114	GB	TERTIARY LIMESTONE	WSBH RADIO

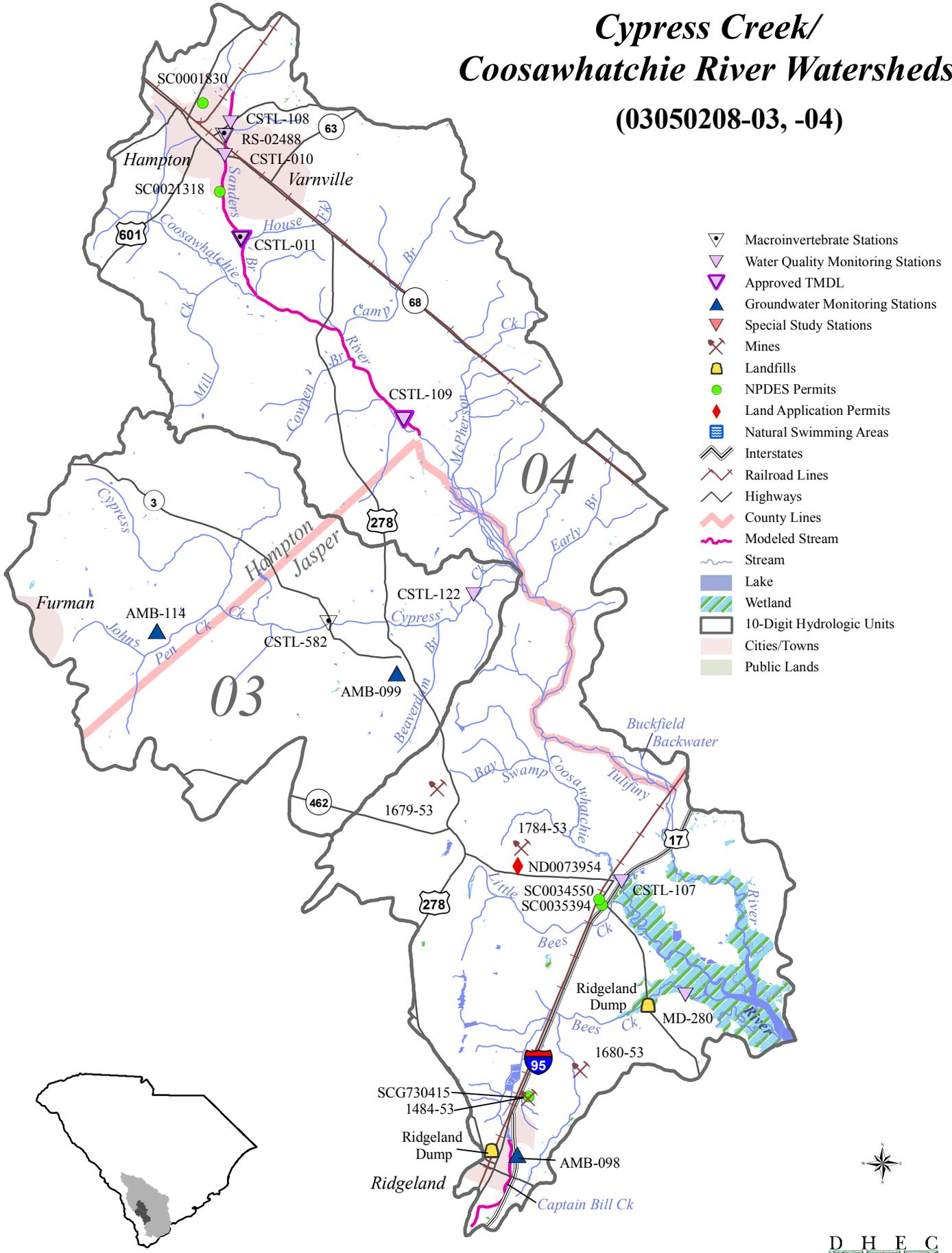
All water samples collected from ambient monitoring wells *AMB-099* and *AMB-114* met standards for Class GB groundwater.

**Growth Potential**

There is a low potential for growth in this watershed, which contains a portion of the Town of Furman.

# Cypress Creek/ Coosawhatchie River Watersheds

(03050208-03, -04)



- Macroinvertebrate Stations
- Water Quality Monitoring Stations
- Approved TMDL
- Groundwater Monitoring Stations
- Special Study 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

