

03050204-02

(South Fork Edisto River – Middle Reach)

General Description

Watershed 03050204-02 (formerly 03050204-030, 040) is located in Aiken, Barnwell, and Orangeburg Counties and consists primarily of the *South Fork Edisto River* and its tributaries from Shaw Creek to Dean Swamp Creek. The watershed occupies 118,563 acres of the Sandhills and Upper Coastal Plain regions of South Carolina. Land use/land cover in the watershed includes: 44.2% forested land, 41.1% agricultural land, 10.4% forested wetland (swamp), 4.0% urban land, 0.2% water, and 0.1% nonforested wetland (marsh).

This section of the South Fork Edisto River flows through Aiken State Park and accepts drainage from Burcalo Creek, Hunter Branch, Pond Branch (Buzzard Branch, Long Branch, Spring Branch), Yarrow Branch, and Dean Swamp Creek (Jordan Creek, Abrams Branch, Bratcher Branch, Dean Swamp Pond). There are a total of 205.6 stream miles and 358.0 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>
E-107	INT	FW	DEAN SWAMP CREEK AT SC 4

Dean Swamp Creek (E-107) – This is a blackwater system, characterized by naturally low pH conditions. Although pH excursions occurred, they were typical of values seen in blackwater systems and were considered natural, not standards violations. Aquatic life uses are fully supported; however, there is a significant increasing trend in five-day biochemical oxygen demand. There is a significant decreasing trend in pH. A significant decreasing trend in turbidity suggests improving conditions for this parameter. Recreational uses are fully supported and a significant decreasing trend in fecal coliform bacteria concentration suggests improving conditions for this parameter.

NPDES Permitted Activities

Active NPDES Facilities

<i>RECEIVING STREAM FACILITY NAME</i>	<i>NPDES# TYPE</i>
DEAN SWAMP CREEK TRIBUTARY TOWN OF WAGENER	SC0026204 MINOR DOMESTIC
SPRING BRANCH TRIBUTARY EAGLE CONSRUCTION/ALEJO MINE	SCG731113 MINOR INDUSTRIAL

Nonpoint Source Permitted Activities

Land Disposal Activities

Landfill Facilities

<i>LANDFILL NAME</i> <i>FACILITY TYPE</i>	<i>PERMIT #</i> <i>STATUS</i>
AIKEN COUNTY LANDFILL/WAGNER SITE MUNICIPAL	021001-1101 INACTIVE
AIKEN COUNTY C&DLANDFILL/WAGNER SITE MUNICIPAL	021001-1202 ACTIVE
AIKEN COUNTY LANDFILL #3/WAGNER SITE MUNICIPAL	021001-1105 INACTIVE

Growth Potential

There is a low potential for growth in this watershed, which contains the Town of Windsor and portions of the Towns of Williston, Wagener, Perry, and Salley. Some industrial growth is possible due to the rail lines that run along the eastern edge of the watershed from the Town of Springfield to the Towns of Salley and Perry and along the western edge of the watershed through the Town of Windsor to the City of Aiken. However, there is a decreasing population trend in the towns located within this watershed.

(Middle)
South Fork Edisto River Watershed
(03050204-02)

- ▼ 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

