

03040205-05
(Pudding Swamp)

General Description

Watershed 03040205-05 is located in Lee, Sumter, and Clarendon Counties and consists primarily of *Pudding Swamp* and its tributaries. The watershed occupies 119,947 acres of the Lower Coastal Plain region of South Carolina. Land use/land cover in the watershed includes: 35.5% agricultural land, 30.1% forested wetland, 26.8% forested land, 5.3% urban land, 2.1% nonforested wetland, and 0.2% water.

Pudding Swamp accepts drainage from Hope Swamp (Threemile Branch), Trustless Branch, and Horse Branch (Fuller Bay, Cypress Lake) before merging with Douglas Swamp. Douglas Swamp flows past Woods Bay State Park and accepts drainage from Woods Bay, Cypress Branch (Bushy Branch), Burnt Branch, and Rose Creek. Downstream of the confluence, Newman Branch (Cain Branch) flows into Pudding Swamp. Pudding Swamp drains into the Black River. There are a total of 210.1 stream miles and 175.8 acres of lake waters in this watershed. Pudding Swamp, Douglas Swamp, and Cypress Branch are classified FW* (Dissolved oxygen not less than 4.0 mg/l and pH between 5.0 and 8.0) and the remaining streams in the watershed are FW.

Surface Water Quality

<u>Station #</u>	<u>Type</u>	<u>Class</u>	<u>Description</u>
PD-203	S/INT	FW*	PUDDING SWAMP AT SC 527 8.1 MI NW OF KINGSTREE

Pudding Swamp (PD-203) - Aquatic life uses are not supported due to copper in excess of the aquatic life acute criterion. There is also a significant increasing trend in five-day biological oxygen demand. A significant increasing trend in dissolved oxygen concentration suggests improving conditions for this parameter. Recreational uses are partially supported due to fecal coliform bacteria excursions. In addition, there is a significant increasing trend in fecal coliform bacteria.

NPDES Program

Active NPDES Facilities

<i>RECEIVING STREAM FACILITY NAME</i>	<i>NPDES# TYPE</i>
PUDDING SWAMP SPRINGFIELD REALTY/DOUBLE K MINE	SCG730201 MINOR INDUSTRIAL
PUDDING SWAMP SUMTER COUNTY/I-95 REST AREA	SCG570018 MINOR DOMESTIC

Nonpoint Source Management Program

Land Disposal Activities

Landfill Facilities

<i>LANDFILL NAME</i>	<i>FACILITY TYPE</i>	<i>PERMIT #</i>	<i>STATUS</i>
TOWN OF TIMMONSVILLE	C&D	211003-1701	ACTIVE

Land Application Sites

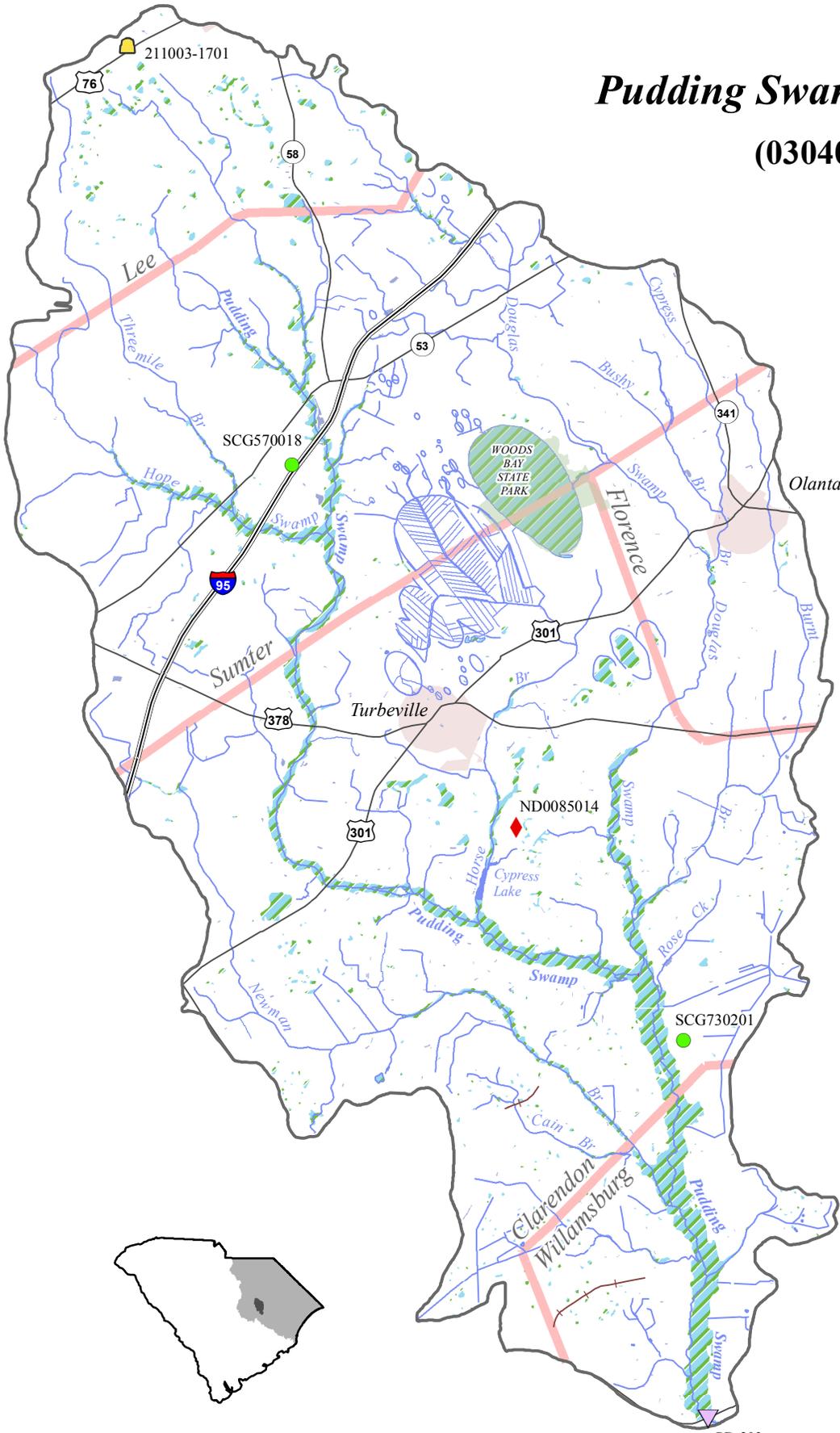
<i>LAND APPLICATION SYSTEM</i>	<i>FACILITY NAME</i>	<i>ND#</i>	<i>TYPE</i>
SPRAYFIELD	TOWN OF TURBEVILLE	ND0085014	DOMESTIC

Growth Potential

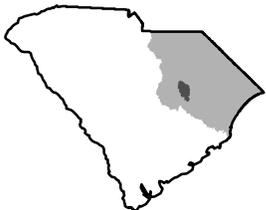
There is a low to moderate potential for growth in this watershed, which contains the Towns of Turbeville and Olanta, and portions of the I-95 and U.S. Hwy. 378 corridors. The I-95/U.S. 378 interchange has water and sewer service and is expected to see moderate to high growth. Water and sewer services are available in and around the Towns of Olanta and Turbeville, and should encourage growth. The remainder of the watershed is rural with agricultural and timberland uses.

Pudding Swamp Watershed

(03040205-05)



- 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



PD-203

