

03050202-01
(Rantowles Creek)

General Description

Watershed 03050202-01 (formerly 03050201-050 less the Stono River) is located in Dorchester and Charleston Counties and consists primarily of **Rantowles Creek** and its tributaries. The watershed occupies 106,459 acres of the Lower Coastal Plain and Coastal Zone regions of South Carolina. Land use/land cover in the watershed includes: 48.4% forested land, 35.1% forested wetland, 9.1% agricultural land, 4.1% nonforested wetland, 1.7% urban land, 1.2% water, and 0.4% barren land.

Fishburne Creek accepts drainage from Scotts Branch before flowing into Horse Savanna (Round Savanna), which flows into Rantowles Creek (Bear Swamp). Rantowles Creek also accepts drainage from the Wallace River (Caw Caw Swamp, Drayton Swamp, Caddin Bridge Swamp) before flowing into the Stono River. There are a total of 205.6 stream miles, 43.6 acres of lake waters, and 350.3 acres of estuarine areas in this watershed, all classified SFH.

Surface Water Quality

There are currently no water quality monitoring stations in this watershed.

Shellfish Monitoring Stations

<u>Station #</u>	<u>Description</u>
11-18	CONFLUENCE OF RANTOWLES CREEK AND THE STONO RIVER

NPDES Program

Active NPDES Facilities

<i>RECEIVING STREAM FACILITY NAME</i>	<i>NPDES# TYPE</i>
RANTOWLES CREEK COUNTY LINE INVESTORS/POPLAR GROVE MINE	SCG730891 MINOR INDUSTRIAL
CAW CAW SWAMP TRIBUTARY COUNTY LINE INVESTORS/POPLAR GROVE B MINE	SCG731050 MINOR INDUSTRIAL
CAW CAW SWAMP LAUREL OAKS PLANTATION/LAURAL OAKS MINE	SCG731087 MINOR INDUSTRIAL
HORSE SAVANNA TRIBUTARY M. PLATT/CROWN CASTLE #2 MINE	SCG731141 MINOR INDUSTRIAL
CAW CAW SWAMP TRIBUTARY RAVENEL CAR WASH	SCG750031 MINOR INDUSTRIAL

Nonpoint Source Management Program

Land Disposal Activities

Landfill Facilities

<i>LANDFILL NAME</i> <i>FACILITY TYPE</i>	<i>PERMIT #</i> <i>STATUS</i>
TOWER WASTE TIRE PROCESSING WTP	102714-5201 ACTIVE
MOBERRY LCD WOOD CHIPPING FACILITY COMPOSTING	102746-3001 ACTIVE
COASTAL MULCH & COMPOSTING WOOD CHIP FAC. COMPOSTING	182717-3001 ACTIVE

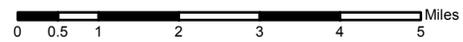
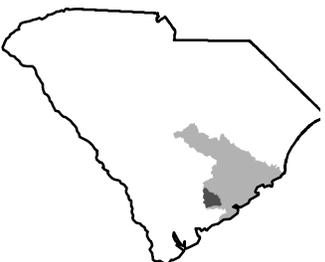
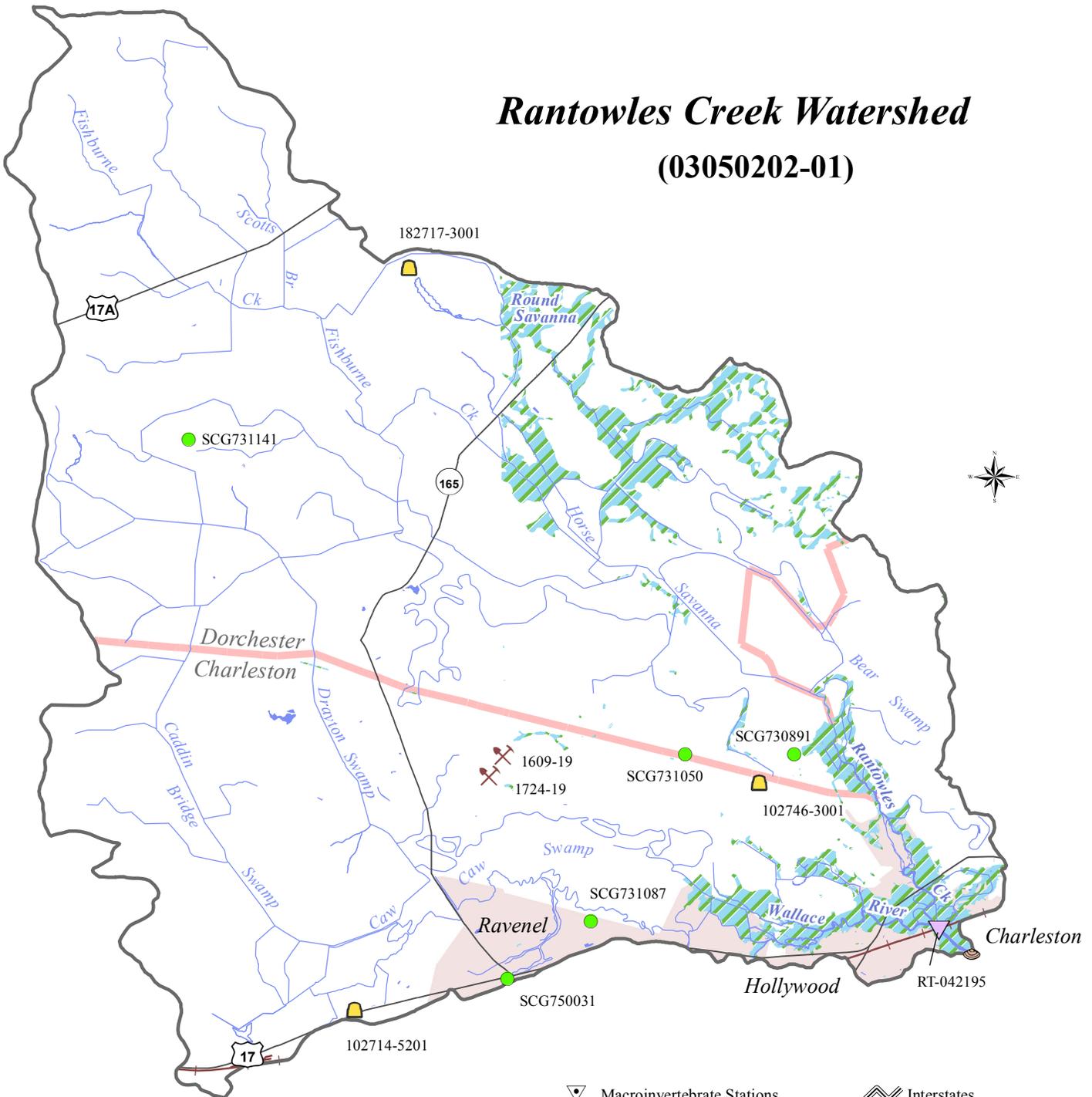
Mining Activities

<i>MINING COMPANY</i> <i>MINE NAME</i>	<i>PERMIT #</i> <i>MINERAL</i>
SPARTINA ENTERPRISES LLC HYDE PARK PIT	1609-19 SAND/TOP SOIL
HYDE PARK SOILS HYDE PARK SOILS MINE	1724-19 SAND/CLAY

Growth Potential

This watershed contains the Towns of Ravenel and Hollywood and a portion of the City of Charleston. The areas with a high potential for growth in the watershed include Stono Ferry in Hollywood; Rushland Plantation, Headquarters Plantation, and Fenwick Acres on Johns Island; and Bees Landing and Essex Farms in the City of Charleston. Water and sewer services are available to all these growth areas.

Rantowles Creek Watershed (03050202-01)



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