

03060103-01

(Savannah River/Lake Hartwell)

General Description

The South Carolina portion of watershed 03060103-01 (formerly 03060103-020) is located in Anderson County and consists primarily of the *Savannah River* as it flows through *Lake Hartwell*. This Savannah River watershed extends into Georgia. There are 50,004 acres in the extended watershed; 41,218.8 acres or 82% are outside of South Carolina. The South Carolina portion is within the Piedmont physiographic region. Land use/land cover in the South Carolina portion of the watershed includes: 59.1% water, 14.6% agricultural land, 19.4% forested land, 5.3% urban land, 1.5% barren land, and 0.1% forested wetland (swamp). A map depicting this watershed is found in Appendix B, page B-21.

This uppermost reach of the Savannah River forms the lower end of Lake Hartwell. Lightwood Log Creek flows into the river on the Georgia side. There are 79.2 stream miles in this watershed and 15,669.6 acres of lake waters in this extended watershed, all classified FW. Sadlers Creek State Park resides on the eastern shore in this watershed.

Surface Water Quality

<u>Station #</u>	<u>Type</u>	<u>Class</u>	<u>Description</u>
RL-04371	RL04	FW	LAKE HARTWELL COVE, 0.75 MI SE OF SADLERS CREEK STATE PARK
SV-340	INT	FW	LAKE HARTWELL, MAIN BODY AT USACE WQ BUOY BETWEEN MARKERS 11 & 12

Lake Hartwell - There are two SCDHEC monitoring stations along this portion of Lake Hartwell. Aquatic life and recreational uses are fully supported at the uplake site (*RL-04371*). At the downlake site (*SV-340*), aquatic life uses are partially supported due to occurrences of copper in excess of the aquatic life chronic criterion. There is also a significant increasing trend in five-day biochemical oxygen demand. There is a significant increasing trend in pH. Significant decreasing trends in turbidity and total phosphorus concentration suggest improving conditions for these parameters at this site. Recreational uses are fully supported and a significant decreasing trend in fecal coliform bacteria concentration suggests improving conditions for this parameter.

A fish consumption advisory has been issued by the Department for PCBs (Polychlorinated biphenols) and includes Lake Hartwell within this watershed (see advisory p. 84).

Nonpoint Source Management Program

Land Disposal Activities

Land Application Sites

*LAND APPLICATION SYSTEM
FACILITY NAME*

*ND#
TYPE*

SPRAYFIELD
HARTWELL VILLAS ASSOC., INC.

ND0067041
DOMESTIC

GOLF COURSE
STONE CREEK COVE HOMEOWNERS ASSOC.

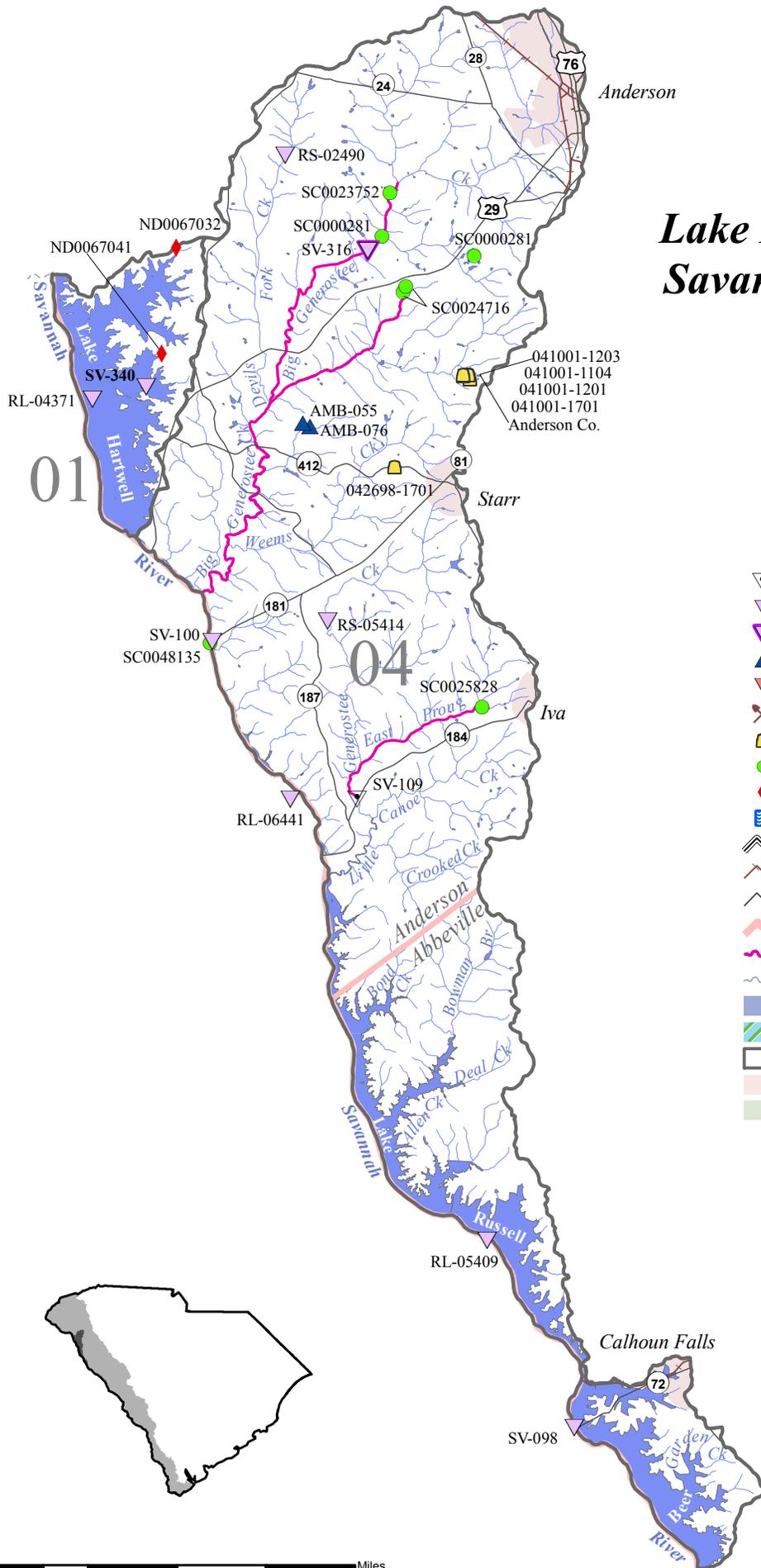
ND0067032
DOMESTIC

Growth Potential

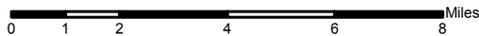
There is a low potential for growth in this watershed.

Lake Hartwell/Lake Russell/ Savannah River Watersheds

(03060103-01, -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



B-21

