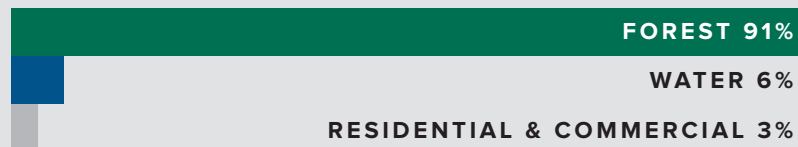


Ragged Mountain Reservoir is both the oldest and newest reservoir managed by RWSA. Ragged Mountain originally consisted of two dams: an upper dam built in 1887 and a lower dam constructed in 1908. The reservoir was enlarged in 2014 by the construction of a new earthen dam. It is the largest and deepest RWSA reservoir, with a capacity of over 1.5 billion gallons and a maximum depth of 80 feet. Ragged Mountain Reservoir has four miles of shoreline and is surrounded by the 980-acre Ragged Mountain Natural Area (RMNA) managed by the City of Charlottesville. There is not currently a public boat ramp, but smaller non-motorized boats are welcome. The RMNA provides ten miles of trails that lead through majestic forest, along rugged terrain, and through areas rich with wildlife. This offers a unique opportunity for wilderness hiking within minutes of town. The area is also rich in birdlife.

The newly enlarged Ragged Mountain Reservoir reached its full capacity in 2016, with water delivered from Sugar Hollow Reservoir. It does not currently have the same algae problems that exist in South Fork Rivanna and Beaver Creek reservoirs. With the planned delivery of water from nutrient-rich South Fork Rivanna Reservoir, it is likely that algae growth will increase in the future. Monitoring of water quality will be ongoing to better understand how the reservoir will respond to the change in water source and provide guidance on how best to maintain reservoir water quality.

LAND USE IN THE RAGGED MOUNTAIN RESERVOIR WATERSHED





RAGGED MOUNTAIN RESERVOIR

YEARS BUILT UPPER: 1897 — LOWER: 1908 — ENLARGED 2014	USEABLE VOLUME 1,549 MILLION GALLONS	SURFACE AREA 170 ACRES
	MAX. DEPTH 80 FEET	WATERSHED AREA 2 SQUARE MILES
	ORIGINAL PURPOSE Water Supply	AREA SERVED Urban Water System

