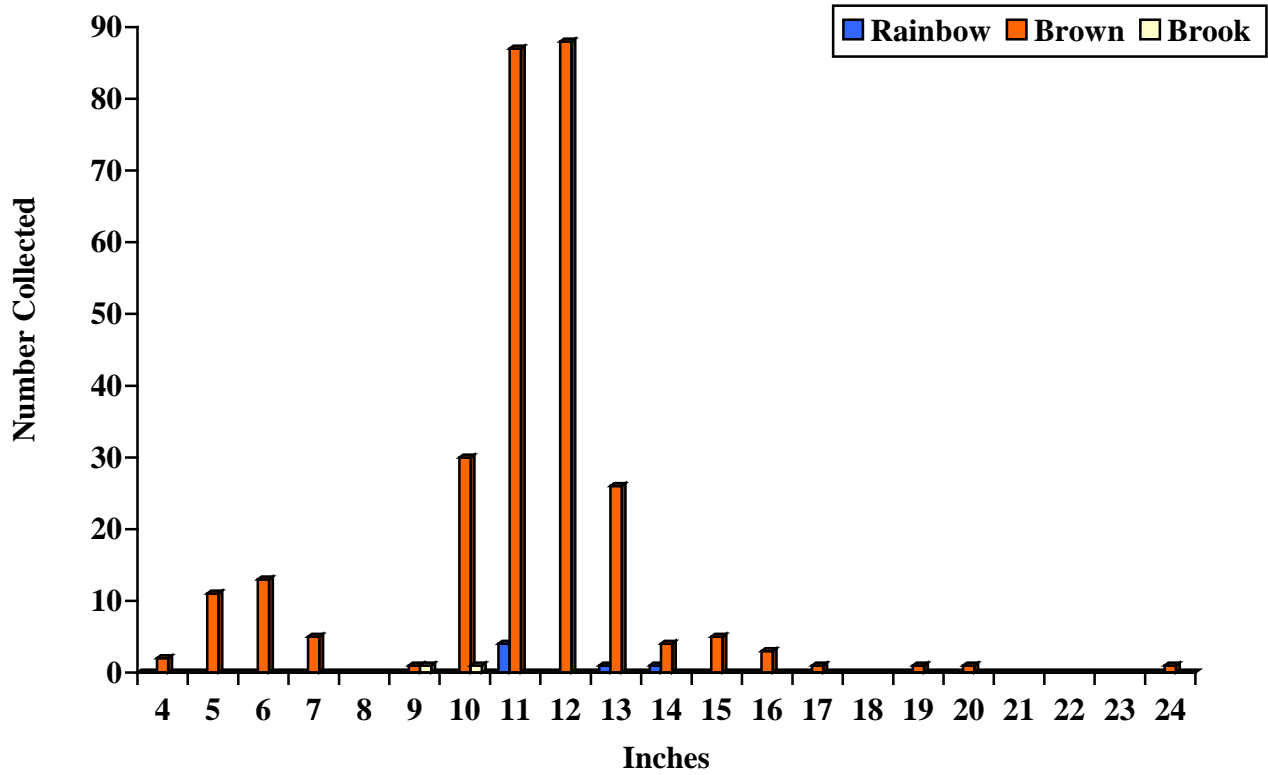




## **Pound River Special Regulation Trout Section 2012 Report**

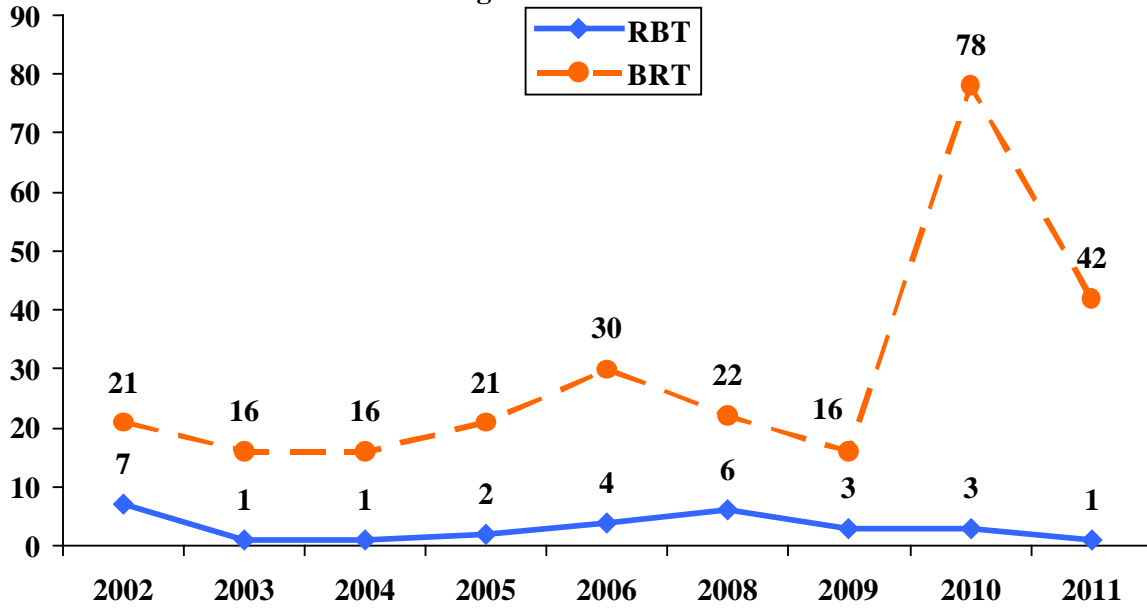
The Pound River in Dickenson County below Flannagan Dam is managed to provide trout fishing opportunities for different angler groups. The special regulation area of the stream is managed using restrictive size and creel limits of 16 inch minimum size with a 2 fish daily creel. To assess the effectiveness of these regulations, fisheries biologists with the Virginia Department of Game and Inland Fisheries monitor the trout population annually. In 2011, three sampling sites, ranging from 197-293 yards (180-268 m) each, were chosen for routine fish data collection. The sites were located in the special regulation section of the river and are sampled annually as part of ongoing fish monitoring and management. Collections were made using a barge electrofishing unit. A total distance of approximately 720 yards (658 m) was sampled from the combined sampling sites (3) within the special regulation sections of the river yielding a catch of 6 rainbow trout, 279 brown trout, and 2 brook trout. The following graph shows the sizes and numbers of rainbow, brown and brook trout collected in 2011 samples from the special regulation areas.

Length Frequency of Rainbow and Brown Trout Collected 2011

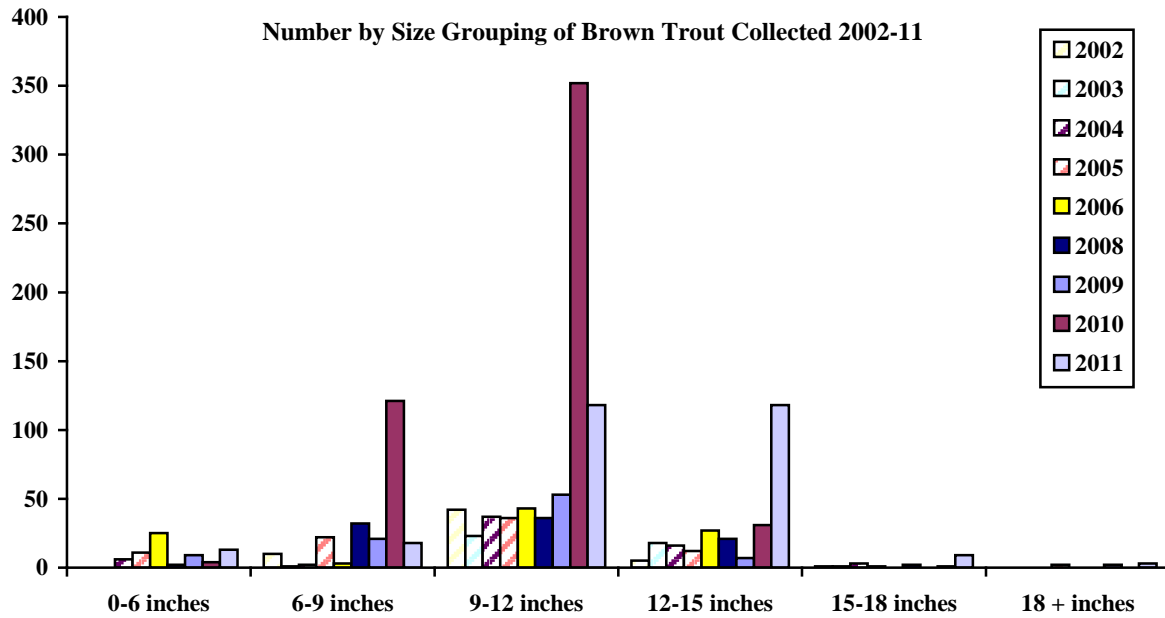


Data collected from 2011 samples indicate that there are approximately 1 rainbow trout and 42 brown trout collected in 100 meters. The following graphs show summary data of rainbow and brown trout collected from the special regulation area from 2002-11. Numbers of brown trout collected in 2010 and 2011 were higher than those collected in previous years most likely as a result of increased stocking of fingerling brown trout stocked in 2009.

**Rainbow & Brown Trout Abundance in 100 meters of the Special Regulation Area 2002-11**



The 2011 sample of brown trout are grouped into size categories of young (less than 6 inches), stock (6-9 inches), quality (9-12 inches), preferred (12-15 inches), memorable (15-18 inches), and trophy (18 inches and larger). Comparisons of size groups annually since 2002 show a brown trout population with an abundance of fish from many year classes as the graph displays.



### Management Recommendations

Future management of the Pound River Special Regulation Area should focus on population monitoring of trout populations. The annual supplemental stocking of brown trout will continue in the spring of 2012. Flow releases from Flannagan Dam should be studied to determine the best releases for brown trout sustainability.