

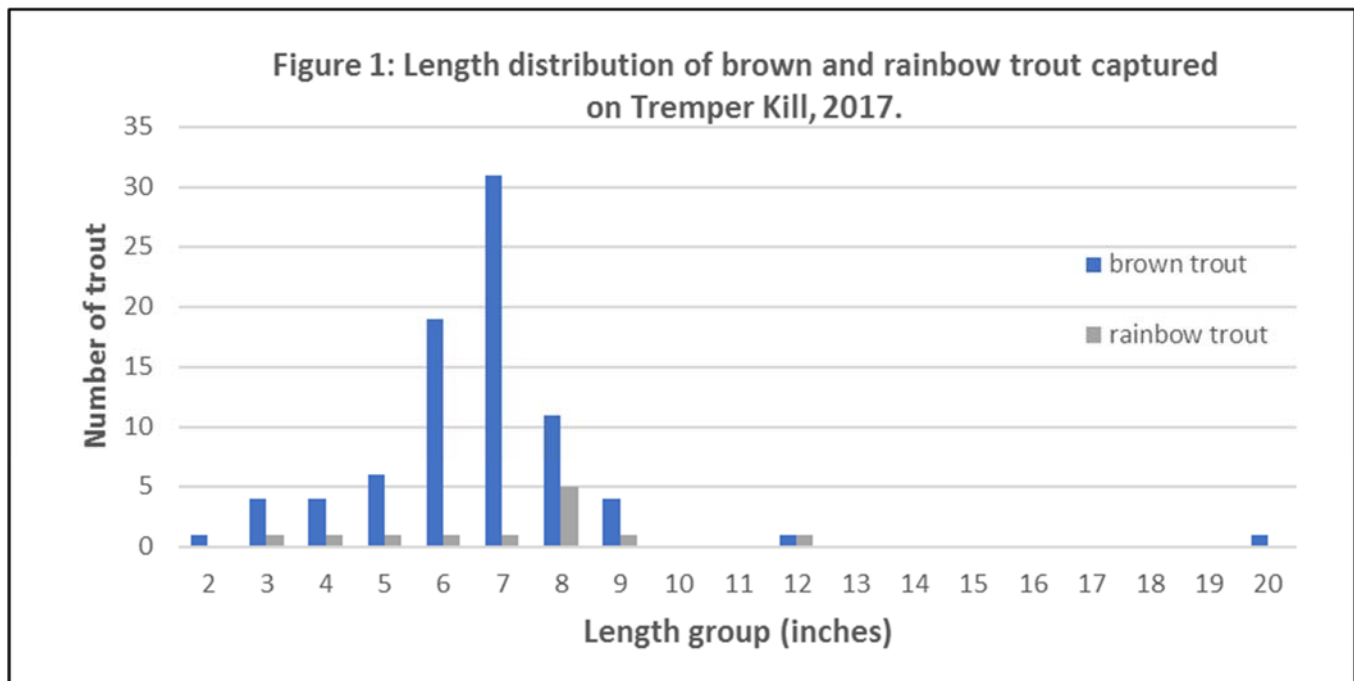
Tremper Kill Special Regulations Evaluation (Survey #417072:)

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The Tremper Kill is a well-known medium sized trout spawning tributary to Pepacton Reservoir in Delaware County. It is part of the East Branch Delaware River watershed. Access is gained, with a valid NYCDEP access permit, through NYCDEP owned lands, at multiple locations along the brook. Brook trout (*Salvelinus fontinalis*) can be found in the upper reaches and a majority of the tributaries, the brook is no longer stocked with trout. Rainbow trout (*Oncorhynchus mykiss*) were first detected in the creek in 1970. Special regulations allow for a daily limit of 5 trout/9 in or greater in size per angler. Fishing is open April 1st through September 30th, the season closes two weeks prior to the statewide trout closure to protect spawning Pepacton Reservoir brown trout (*Salmo trutta*).

Survey purpose was to evaluate whether closing the trout season two weeks earlier than the statewide closure is necessary to protect reservoir trout that are known to be early spawners. A Smith Root LR-20B backpack shocker was used on 10/13/18 for 500 linear feet of stream 0.2 miles above the mouth. A total of 94 trout (2.9-20.5 in, 0.02-3.50 lbs) were collected, which included 12 rainbow trout (3.9-12.7 in, 0.03-0.78 lbs) and 82 brown trout (2.9-20.5 in, 0.02-3.50 lbs) of which one was a ripe male (12.5 in, 0.72 lbs) and one was a hard female (20.5 in, 3.50 lbs).



Based on the presence of spawning trout documented in this survey and in surveys conducted on other Pepacton Reservoir tributaries at this time, it was recommended that the existing special regulations remain unchanged.

