

2022 Region 3 EBTJV Surveys (Survey #'s: 322002,322004-322017)
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During 2022, as part of the Eastern Brook Trout Joint Venture surveys, regional staff conducted stream surveys in multiple counties of Region 3 including Orange and Sullivan. These surveys were done to determine a presence/absence of brook trout (*Salvelinus fontinalis*) in small streams and were also used to look for the presence of northern snakehead (*Channa argus*) in the Basher Kill watershed in these counties. These surveys are a continuation/re-sampling of sites from 2016-2019 (DiSarno,2019). Survey sites were selected due to being dry or not found when sampled in prior program years or circumstances prompting an investigation into re-classifying individual waterways. Backpack electrofishing was conducted at each survey location for approximately 50-150 feet. All trout *spp.* collected were measured using the total length method to the nearest millimeter, while the total number of other species collected/observed was estimated.

A total of 15 streams were sampled during 2022 with five found to hold brook trout (Table 1). Only one stream sampled had brown trout (*Salmo trutta*) present, and no streams surveyed had rainbow trout (*Oncorhynchus mykiss*) present. One stream will be potentially upgraded due to presence of wild or young of year (YY) trout present, and one stream of which had no prior protection under the T or TS designation. Northern snakeheads were not present in any of the streams surveyed.

Table 1: All streams sampled during 2022, streams with brook trout (ST), brown trout (BT) and rainbow trout (RT) present, and suggested reclassification for streams found to be lacking appropriate classification.

Survey #	FIN #	Stream Name	Co.	ST Caught	BT Caught	RT Caught	Suggested Reclassification
322002	D-1-10	Unnamed Water	Orange	Y	Y		B to B(TS)
322004	D-1-12-7	Unnamed Water	Orange				
322005	D-1-12-7-1	Unnamed Water	Orange				
322006	D-1-12-9	Unnamed Water	Orange				
322007	D-1-12-10	Unnamed Water	Sullivan				
322008	D-1-12-14	Unnamed Water	Sullivan				
322009	D-1-12-16	Unnamed Water	Sullivan				
322010	D-1-12-11	Unnamed Water	Sullivan				
322011	D-1-12-13	Unnamed Water	Sullivan	Y			
322012	D-1-12-15	Unnamed Water	Sullivan				
322013	D-1-12-17	Unnamed Water	Sullivan	Y			
322014	D-1-12-20	Unnamed Water	Sullivan	Y			C(T) to C(TS)
322015	D-1-12-20-B	Unnamed Water	Sullivan				
322016	D-1-12-18	Unnamed Water	Sullivan	Y			
322017	D-1-12-19	Unnamed Water	Sullivan				

Literature Cited:

DiSarno, M. 2019. Eastern Brook Trout Joint Venture Surveys in NYSDEC Region 3, 2016 – 2018. New York State Department of Environmental Conservation, Bureau of Fisheries, New Paltz, New York.

