

TABLE II

Sept 56

A Comparison of Fish Population Sampling in
Big Sulphur Creek, Boone County, Before and After
Chemical Treatment

Species	Station No. 1 ¹					Station No. 2		
	Pre-treat- ment	Post-treat- ment	Post-treat- ment	Post-treat- ment	Post-treat- ment	Pre-treat- ment	Post-treat- ment	Post-treat- ment
	1952	1953	1954	1955	1956	1952	1953	1954 ²
Rainbow-Steel- head Trout	35	31	13	38	101	0	3393	-
Sucker	9	4	12	5	4	134	23	-
Squawfish	0	0	0	0	0	97	0	-
Roach	351	544	751	148	138	0	0	-

¹Station No. 1 was located at The Caysers about three-quarters of a mile above start of treatment. It was used to help establish upstream limit of squawfish and to compare with results at Station No. 2. Sampling was accomplished by electric shocking and practically the entire fish population was removed and counted.

²Station No. 2 was obliterated by road building in 1954. About 30 rainbow-steelhead trout and a few suckers were observed in the area that year.

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Station No. 7						
Pre-treatment	Post-treatment	Pre-treatment	Pre-treatment	Post-treatment	Post-treatment	Post-treatment
1955	1956	1952	1953	1954	1955	1956
363	556	Not	Not	Not	421	11
121	34	Sampled	Sampled	Sampled	2	75
0	0	in	in	in	0	42
0	0	1952	1953	1954	22	112