Memorandum

To: Files   Date: September 17, 2001

From: Bill Cox
         District Fishery Biologist
         Sonoma / Marin
         Department of Fish and Game

Subject: Tannery Creek, Sonoma County

On September 6, 2001 I surveyed Tannery Creek, tributary to Salmon Creek, Sonoma County for the specific purpose of looking for coho salmon. No coho salmon were found.

I used a modified "ten pool protocol" sampling ten pools in each of three reaches with a Smith-Root type XII electro-fisher set at 300VDC and 60PPS. Only a single pass was made through each pool. Fish were captured, only as needed, to identify them to species.

The three reaches were contiguous with one another and in an area where I had captured coho in the past. The three reaches covered most of the area known to have supported coho in the past and most likely to support them now.

The downstream limit of the downstream-most reach was along Tannery Road about 1800 feet north of Salmon Creek Road at Lat N38° 21.676', Long W122° 58.914'. The upstream portions of the sampling area where in a deep, wooded canyon and the GPS would not work to identify the location, but the upstream limit of sampling was approximately 3700 feet north of Salmon Creek Road.

Because of the very dry winter of 2000-2001, much of Tannery Creek was dry, particularly in the downstream area. Where in previous years there had been continuous flow, this year there were only small, isolated, and widely separated pools.

Reach 1	
Start	Lat N38° 21.676', Long W122° 58.914'
Stop	Lat N38° 21.790', Long W122° 58.806'
Pool 1	3 steelhead
Pool 2	1 stickleback
Pool 3	1 stickleback
Pool 4	2 steelhead
Pool 5	1 steelhead, 2 stickleback
Pool 6	0
Pool 7	4 steelhead
Pool 8	7 steelhead
Pool 9	2 stickleback
Pool 10	2 steelhead

Reach 2	
Start	Lat N38º 21.790', Long W122º 58.806'
Stop	NA
Pool 1	0
Pool 2	0
Pool 3	1 stickleback
Pool 4	7 steelhead
Pool 5	0
Pool 6	0
Pool 7	2 steelhead
Pool 8	4 stickleback
Pool 9	15 steelhead
Pool 10	2 steelhead

Reach 3	
Start	NA
Stop	NA
Pool 1	2 steelhead
Pool 2	0
Pool 3	0
Pool 4	3 steelhead
Pool 5	0
Pool 6	5 steelhead
Pool 7	1 steelhead
Pool 8	0
Pool 9	2 steelhead
Pool 10	1 steelhead