

Memorandum

To Note to the Files

Date March 29, 1999

From - Department of Fish and Game -

Post Office Box 47, Yountville, California 94599

Subject McClure Creek Tributary to Mill Creek in the Russian River Drainage east of Ukiah, Mendocino County, Township 15N, Range 11W, Sections #16 and 17

At the request of vineyard owner Ray Bartolomei, on July 22, 1998, Department of Fish and Game Sport Fish Restoration Fish Habitat Specialist, Alan Grass, hiked a one-half mile section of McClure Creek. The stream reach surveyed was from a point on McClure Creek downstream of the Bureau of Land Management west property line to Mr. Bartolomei's seasonal flashboard dam.

Sport Fish Restoration personnel also evaluated the dam for upmigrant anadromous fish passage.

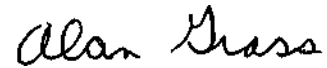
During the July 22 survey, good numbers of yearling and young-of-the-year steelhead and/or resident rainbow trout were identified in the stream section above Mr. Bartolomei's dam. Excellent spawning and rearing habitat was present above the dam. Good pool to riffle rations spawning gravel, and summertime streamflows were also noted. Water temperature was adequate for yearling salmonid summer holdover. McClure Creek had good invertebrate populations. No roughfish were found.

Because of the location of the dam and its height, denil or steeppass type fish ladders probably would not be feasible. A pool and weir type ladder could be constructed, but a ten-foot high dam would require construction of ten eight-foot long pools. This would place the entrance to the ladder eighty feet downstream of the dam face. An associated cutoff wall and a substantial training structure parallel to the ladder would have to be incorporated into the fishway design. These additional structures would be required to ensure that salmonids find the entrance to the ladder.

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Adult salmonids can easily migrate upstream of the dam when the flashboards are removed.

Handwritten signature of Alan Grass in cursive script.

Alan Grass
Fish Habitat Assistant
Central Coast Region

cc: Mr. Ray Bartolemi

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