

**CALIFORNIA DEPARTMENT OF FISH AND GAME
STREAM SURVEY**

FILE FORM NO.....

NAME...Gulch 14.....COUNTY...Mendocino.....
STREAM SECTION..Partial...FROM.....Mouth.....TO...2 mile length.....LENGTH...2...miles
TRIBUTARY To.....Clark (Middle) Fork Ten Mile River.....TWP...19N,..R..16WSEC...2....
OTHER NAMES.....None.....RIVER SYSTEM...Ten Mile River.....
NAME OF SURVEYORJohn H. Rowell and Herbert L.Adams.....DATE...August 4, 1961...
SOURCES OF DATA.....Personal survey and information from Union Lumber Co. Foresters.....

EXTENT OF OBSERVATION: The lower 2 miles were walked out on foot by Herbert L. Adams and John H. Rowell, on August 4, 1961.

LOCATION - Arises about 10 airline miles N.E. of Fort Bragg. It flows northward into the Clark or Middle Fork Ten Mile River.

RELATION TO OTHER WATERS - Gulch 14 is a part of the Clark Fork drainage. At the present time, due to a barrier at the mouth, its only contribution to the fisheries of this drainage is in the form of water flow.

GENERAL DESCRIPTION - WATERSHED Is of the typical California coastal redwood belt type.

IMMEDIATE DRAINAGE BASIN - This is a steep sided draining approximately 1 square mile. The stream has been heavily logged in recent years. Consequently, there is no shade present.

ALTITUDE - Drops from 1,000 feet at the head waters to 250 feet at the mouth.

GRADIENT - The gradient is fairly constant throughout its entire length dropping 100 feet per 1 mile or about 20 ft. per 100 ft.

WIDTH - 3' to 5'.

DEPTH - 1' to 4'.

FLOW -Estimated less than 0.5 c.f.s. near the mouth.

VELOCITY - Rapid throughout entire stream.

BOTTOM- Predominantly gravel and rubble with some sand throughout.

SPAWNING AREAS - Good throughout except in the upper mile.

POOLS - Pool development is fair. Most pools are at the foot of cascading section. They range from 1' to 2" deep.

SHELTER - Shelter is mostly in the form of large rocks and undercut banks. There are no shade trees available

BARRIERS - A 15 foot falls at the mouth stops all fish from ascending this tributary.

DIVERSIONS - None

TEMPERATURE – Water temperatures taken near the mouth were 68° @ 1230. The water temperatures will rise above this because the stream flows over unshaded gravel for most of its length.

FOOD – Food appeared to be adequate for a stream of this size,, but as no SH or SS were present, it would be to tell for sure.

AQUATIC PLANTS – None observed.

WINTER CONDITIONS – With no cover on the slopes run-off appears to be quite rapid. The soil is very susceptible to erosion.

POLLUTION – None observed.

FISHES PRESENT AND SUCCESS – No fish were found in this stream as they are blocked by a 15' falls at the mouth.

OTHER VERTEBRATES – Frogs.

FISHING INTENSITY – None.

OTHER RECREATIONAL USE – None known.

ACCESSIBILITY – Drive 14.4 miles along the Union Lumber Co. logging road from Fort Bragg to the mouth of Clark Fork. Thence 7.1 miles along Clark Fork to mouth of Gulch 14. A logging spur parallels the stream, but at a higher altitude. It is necessary to obtain permission from the Union Lumber Co. to enter this area.

OWNERSHIP – Union Lumber Company.

POSTED OR OPEN – Permission from Union Lumber Co. needed for access.

IMPROVEMENTS – None observed.

PAST STOCKING – None.

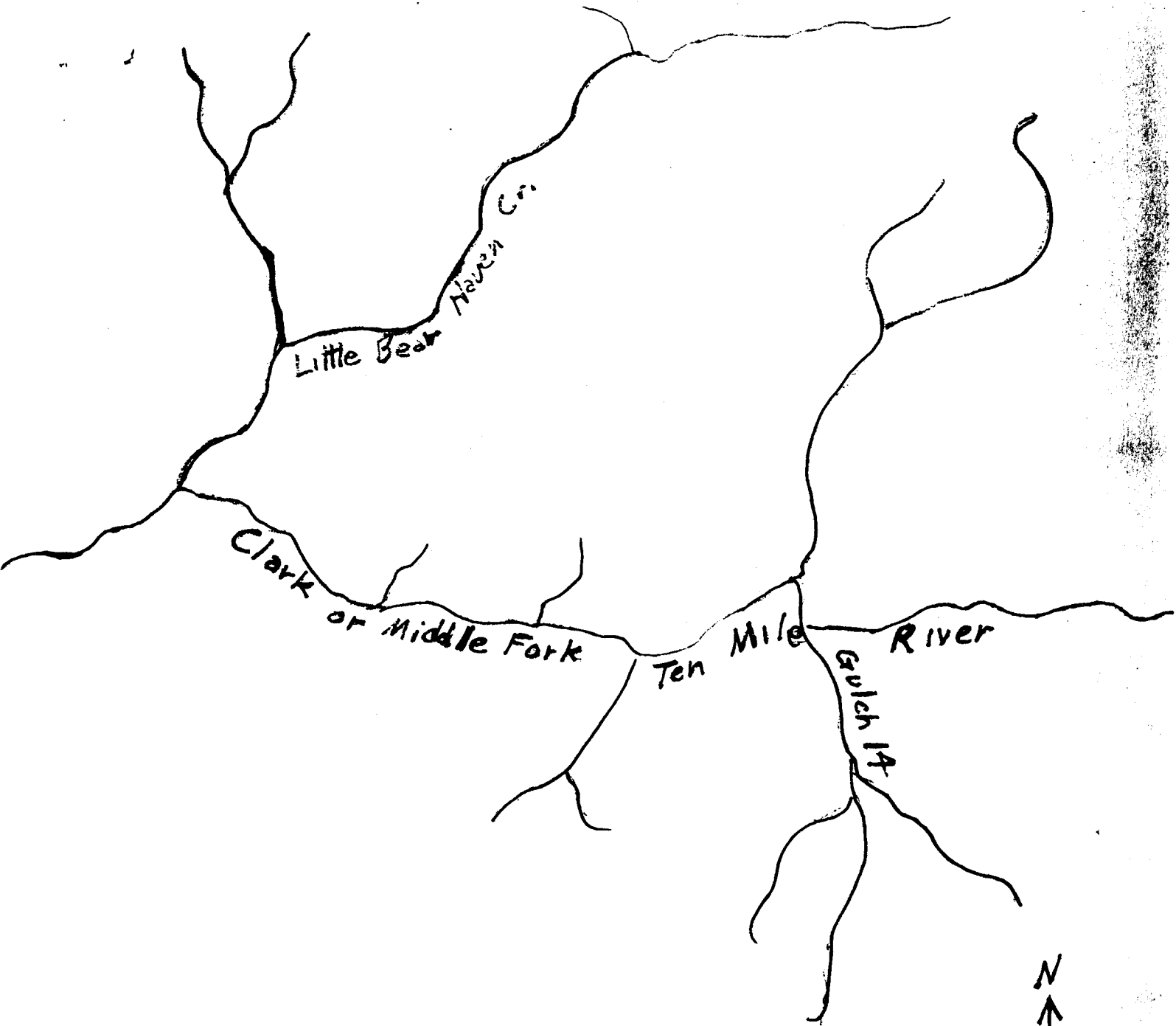
GENERAL ESTIMATE – The absence of shade trees or brush and the presence of the 15' fall at the mouth make this stream of doubtful value at present. To make this stream available to SH and SS would require digging a channel across the logging road to eliminate the 15' falls at the mouth. Then a bridge would have to be built over this channel.

RECOMMENDED MANAGEMENT – Due to cost and problems of eliminating the 15' falls at the mouth and the general nature of the stream itself, no management is recommended.

SKETCH MAP:

REFERENCES AND MAPS - U.S.G.S. 15-minute series topographic map. Branscomb quadrangle.

JTA:cm



Gulch 14
Mendocino Co.

