

CALIFORNIA DEPARTMENT OF FISH AND GAME

**STREAM SURVEY**

FILE FORM

No.....

NAME..... Unnamed Tributary (Gulch #11).....COUNTY..... Mendocino.....  
 STREAM SECTION... Entire ...FROM... Extreme Headwater ...TO... junction with the ...LENGTH... 1-1/2 mi.  
 South Fork of Ten Mile River  
 TRIBUTARY TO... South Fork of Ten Mile River ...Twp... 19N ...R... 16W ...Sec... 25  
 OTHER NAMES..... None Known .....RIVER SYSTEM..... Ten Mile River  
 SOURCES OF DATA..... Personal Survey and Information from Local Personnel of  
 the State Division of Forestry

- EXTENT OF OBSERVATION
- Include Name of Surveyor, Date, Etc.
- LOCATION
- RELATION TO OTHER WATERS
- GENERAL DESCRIPTION
- Watershed
- Immediate Drainage Basin
- Altitude (Range)
- Gradient
- Width
- Depth
- Flow (Range)
- Velocity
- Bottom
- Spawning Areas
- Pools
- Shelter
- Barriers
- Diversions
- Temperatures
- Food
- Aquatic Plants
- Winter Conditions
- Pollution
- Springs
- FISHES PRESENT AND SUCCESS
- OTHER VERTEBRATES
- FISHING INTENSITY
- OTHER RECREATIONAL USE
- ACCESSIBILITY
- OWNERSHIP
- POSTED OR OPEN
- IMPROVEMENTS
- PAST STOCKING
- GENERAL ESTIMATE
- RECOMMENDED MANAGEMENT
- SKETCH MAP
- REFERENCES AND MAPS

EXTENT OF OBSERVATION - This tributary was checked by foot from the extreme headwater 1-1/2 mi. down to the junction with the South Fork of Ten Mile River on September 19, 1961, by Herb Adams and Weldon Jones.

LOCATION - This unnamed tributary heads on the north side of the Sherwood ridge and runs in a northwesterly direction to enter the South Fork of Ten Mile, approximately 11 airmiles northeast of the town of Fort Bragg.

RELATION TO OTHER WATERS - This unnamed tributary is one of several that enters the South Fork of Ten Mile River. It provides spawning and nursery area for steelhead and/or rainbow trout, but unlike the other tributaries of the South Fork of Ten Mile River, no silver salmon were observed.

GENERAL DESCRIPTION - Watershed and Immediate Drainage Basin - This unnamed tributary heads in the mountainous terrain located in the coastal Redwood belt. It drains an area of about 2 sq. mi. Although practically this entire drainage was heavily logged and burned-off in past years, much of the terrain now has a fairly good cover of second growth Douglas fir and Redwood. Some alder and willow were found along the entire stream.

Altitude - 440 to 1000 ft

Gradient - Fairly steep in the extreme headwaters, becoming very

shallow in the mid and lower sections--averaging possibly 2 ft. per 100 ft. of stream

Width - Range (1 ft. to 15 ft.), averaging 5 ft. in the main stream. The South Fork had a range of 1/2 ft. to 8 ft. -- an average of 2 ft.

Depth The main stream ranged (1/2 in. to 3 ft.), an average of 2 in. The South Fork had range of (1/2 in. to 2 ft.), with an average of 2 in.

Flow - Measured at .2 c.f.s above the junction with the South Fork of Ten Mile River; a flow of one gallon per minute in the upper reaches of the main stream approximately one mile above the confluence of the South Fork with Ten Mile.

Velocity - Considered rapid throughout entire stream survey.

Bottom - Consisting of large gravel and small rubble throughout. Some bedrock and organic material in isolated pockets, More organic material and debris were observed in the South Fork of this unnamed tributary than in the main stream section.

Spawning Areas - From Zero to 30%. Spawning area was progressively better near the lower end of the stream. A very limited spawning area was observed in this South Fork to this unnamed tributary, It amounted to approximately 2 to 5%.

Pools - Moderate to poor, most of which were small in size and located above and around logging debris.

Shelter - Good; consisted of overhanging banks, rubble, overhanging vegetation, and wood materials.

Barriers - No barriers were noted in this unnamed tributary. A total of 46 jams was listed on the barrier survey. See the barrier survey for location and description of these jams.

Diversions - No diversions were noted in this stream.

Temperatures - A water temperature of 58° and an air temperature of 78° was recorded at 1430 at the junction of this unnamed tributary at the South Fork of Ten Mile River. A water temperature of 56° F. and an air temperature of 76° F. was recorded at 1375 at the junction with the small tributary to the south. A water temperature of 55° F, and an air temperature of 72° F. was recorded at 1200 at the junction of the tributaries located in the southwest quarter of the southeast quarter of section 25.

Food - Considered adequate, consisting mainly of caddis fly and Mayfly larvae.  
Aquatic Plants- None observed.

Winter Conditions - The main stream appeared to be subject to moderately heavy run-offs -- probably rises from 3 to 8 ft. above the present level.

Pollution - None observed on this survey.

Springs - Spring development was fair to good in the upper reaches of the stream for this time of year.

FISHES PRESENT AND SUCCESS - steelhead and/or rainbow trout were observed in this main unnamed tributary and its south fork. They ranged in size from 1" to 4" -- an average of 2-1/2". These fish were seen in both forks of this unnamed tributary. Most of the fish seen, however, were from the junction of this south fork to the unnamed tributary and the junction with the south fork of Ten Mile River. Population average approximately 4 fish per pool, with a range of from 1 to about 15. No silver salmon were observed in this unnamed tributary to the south fork of Ten Mile River.

OTHER VERTEBRATES - Deer appeared to be the dominant vertebrate in this area. Some indications of bear were also noted.

FISHING INTENSITY - Unknown.

OTHER RECREATIONAL USE- Possibly hunting.

ACCESSIBILITY - An old, eroded railroad logging grade parallels this entire unnamed tributary. Access is by foot only by way of the logging road from the junction of Redwood Creek and the south fork of Ten Mile and by dropping off of Sherwood Ridge in the extreme headwater.

POSTED OR OPEN - This entire area is situated behind locked gates controlled by Union Lumber Company of Fort Bragg.

IMPROVEMENTS - None observed.

PAST STOCKING - None known.

GENERAL ESTIMATE - This unnamed tributary to the South Fork of Ten Mile River appears to support a fair population of steelhead and/or rainbow trout for its size and water flow. A poor flow and poor pool development appeared to be the limiting characteristics at the present time.

Unnamed Tributary  
Mendocino County P-3

RECOMMENDED MANAGEMENT - This unnamed tributary to the South Fork of Ten Mile River should be continued to be managed primarily as a steelhead and/or rainbow trout, as well as silver salmon, spawning and nursery area. Discretion should be used in removal of the many jams noted on the barrier survey because of their apparent scouring action in the formation of pools and as a source of shelter.

SKETCH MAP- See attached.

REFERENCES AND MAPS - Union Lumber Company map, January 1, 1945, compiled and drawn by E. P. Montgomery and E. A. Carlson.

This survey is submitted on September 25, 1961, by Weldon E. Jones.

Weldon E. Jones/mh

cc: Weldon Jones