

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

FILE FORM NO.....

NAME...Horsetail Gulch.....COUNTY...Mendocino.....  
STREAM SECTION..Partial..FROM.....Mouth.....TO...1.4 Mi. upstream.....LENGTH...1.4...miles  
TRIBUTARY To.....Clark or Middle Fork, Ten Mile River.....TWP...19N,..R..16W .....SEC...4....  
OTHER NAMES.....None.....RIVER SYSTEM...Ten Mile River.....  
NAME OF SURVEYOR .....John H. Rowell and Herbert L.Adams.....DATE...August 4, 1961...  
SOURCES OF DATA.....U.S.G.S. 15 minute topographic map. Branscomb quadrangle, 1951. Union Lumber Co. and  
personal observations.....

EXTENT OF OBSERVATION: Observation was confined to driving along ridge above the stream looking down at it, also a spot check was made near the mouth. This was done on August 4, 1961 by Herbert L. Adams and John H. Rowell.

LOCATION - Stream is approximately 11 airline miles NE of Fort Bragg, flowing northward into Clark Fork.

RELATION TO OTHER WATERS - This small tributary makes up part of the Clark Fork drainage system. At present its' only contribution is water. No SH or SS were present.

GENERAL DESCRIPTION - WATERSHED Typical northern California west coastal redwood transitional zone.

IMMEDIATE DRAINAGE BASIN - A steep sided canyon running through a logged over area. The canyon floor is approximately 100 feet wide, with very little brush or grass present.

ALTITUDE - 750' dropping to 175'.

GRADIENT - In headwaters 20 feet per 100 ft. for the 1<sup>st</sup> mile. Then leveling off to 8 ft. per 100 ft. in lower section.

WIDTH - 18" wide with a range of 12-24".

DEPTH - 1 to 2 inches.

FLOW (Range)- .8 cfs. Flow constant throughout the whole length checked.

VELOCITY - Cascading in the upper .3 mile leveling off to slow in the remainder of the stream.

BOTTOM - Fine gravel and sand. The whole canyon bottom has been worked over by bulldozers during logging operations.

SPAWNING AREAS - Small or none existant. The surrounding soil has no rubble or large gravel size rocks to form good spawning beds.

POOLS - Small, confined to stream bed width.

SHELTER - Poor, being confined to log jams. There was no overhead shade.

BARRIERS - None

DIVERSIONS - None

TEMPERATURE – Water 60°

FOOD – Plentiful because of no fish present.

AQUATIC PLANTS – None.

WINTER CONDITIONS – Due to its short length, this stream doesn't collect enough water to create heavy erosion. Any high water would be spread out over the relative flat width of the canyon bottom.

POLLUTION – None.

SPRINGS - Several along side of stream.

FISHES PRESENT AND SUCCESS – None.

OTHER VERTEBRATES – None observed.

FISHING INTENSITY – None.

OTHER RECREATIONAL USE – None known.

ACCESSIBILITY – Reached by driving 14.4 miles along the Union Lumber Co.'s road to the mouth of Clark Fork. Thence 5.2 miles along Clark Fork to Horsetail Gulch.

OWNERSHIP – Union Lumber Company.

POSTED OR OPEN – Posted.

IMPROVEMENTS – None noted.

PAST STOCKING – None known.

GENERAL ESTIMATE – The soil in the canyon is composed of dirt, sand and small gravel sized rocks. This results in little or no available spawning areas. I would say that this stream has little fisheries value.

RECOMMENDED MANAGEMENT – None

SKETCH MAP:

REFERENCES AND MAPS - Map used was U.S.G.S. 15-minute series. Topographic map, Branscomb quadrangle, 1951.

JTA:cm