

THE RESOURCES AGENCY OF CALIFORNIA
CALIFORNIA DEPARTMENT OF FISH AND GAME
STREAM SURVEY

FILE FORM NO : DATE :

NAME DUTCH HENRY CREEK COUNTY..... Mendocino.....
STREAM SECTION ...Entire FROM..headwater.. TO ...Junction with North Fork Navarro River.... LENGTH ..2. mi ..
TRIBUTARY TO North Fork Navarro River..... TWP...16N ... R...15W ... SEC....32...
OTHER NAMESNone known RIVER SYSTEM Navarro River
SOURCES OF DATA.....Personal survey and information from Masonite employees.....

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 - Walked out from the headwater to the junction with the North Fork of the Navarro River, a distance of 2 miles by Herbert Adams and Douglas Stuart on July 17, 1962.

LOCATION - Dutch Henry Creek arises 14 air miles west of Masonite Plant in Ukiah, 33.3 miles from Ukiah via Masonite road.

RELATION TO OTHER WATERS - Dutch Henry Creek is one of the first major tributaries to the North Fork of the Navarro River, now being utilized by steelhead and/or rainbow trout

GENERAL DESCRIPTION - Dutch Henry Creek is located within the coastal redwood belt with steep V-shaped canyon walls in the extreme lower section. The upper section is an open valley meandering in a southern direction with vegetation consisting of predominantly redwood and fir in the lower section, willow as predominant vegetation in the upper and mid-section, contributing little or no shade in this section of Dutch Henry Creek. It drains an estimated 6 sq. mi.

Watershed and Immediate Drainage Basin -

Altitude - Dutch Henry Creek has an altitude of 300 ft. at the mouth and 500 ft. at the headwater.

Gradient - 100 ft/mile. This would be a moderate gradient.

Width - Range 1' to 4'; average 3'. Riffles were abundant in this lower section.

Depth - Riffle sections dry; pool areas range 24" to 72" wide; average 48'. 6' to 12' long; average 8'. 6" to 24" deep; average 18" deep. Estimated 10 per cent of the stream consists of pools.

Flow - Dry in riffle areas throughout stream. Water in pools only in lower 1 mile

Velocity - Dry throughout.

Bottom - This stream has 40 percent good, loose spawning gravel, 40 percent fine rubble, 20 percent sand and silt throughout riffle areas. Pool areas consisted of 70 percent silt, 20 percent detritus and 10 percent fine rubble

Spawning Areas - 60 percent of stream contains good, loose spawning gravel.

The remaining 40 percent of stream contains fine rubble, silt and detritus.

Pools - Frequent in the lower 1 mile of stream caused by jam and undercut banks. Pools average size 36" wide, 8' long, 18" deep, They range from 24" to 72" wide, 6" to 12' long, 6" to 24" deep. Ten percent of the entire stream length contains pools.

Shelter - The shelter is poor in the upper 1.5 miles of the stream section. This is an open pasture-like area. The lower .5 mile has good shelter consisting of willows, redwood on the stream bank with log jams and slash in the stream bed.

Barriers - None observed. Refer to Barrier sheet for log jam information.

Diversions - None observed.

Temperatures - Water 72 F°. air 68 °F. taken 1 mile from headwater at 12 noon on July 17, 1962.

Food - Adequate in the form of mayfly and caddis fly larvae found in the pools only.

Aquatic Plants - Horsetail grass and lily pads were noted throughout in a common amount.

Winter Conditions - Moderate throughout.

Pollution - None observed.

DUTCH HENRY CREEK Mendocino County p2

Springs - None observed.

FISHES PRESENT AND SUCCESS - Steelhead and/or rainbow trout were observed in the lower 1 mile of the stream with an average of 4" in length and a range of 2-8" in length. 10-20 fish were present per 100 ft. of stream. The success of the fish were good,

condition good and natural propagation good. Fish were present in pools with silt and nitritous bottom.

OTHER VERTEBRATES - Sheep, cattle, horses and western newts were noted. FISHING INTENSITY - None observed

OTHER RECREATIONAL USES - Possible deer hunting.

ACCESSIBILITY - Accessible via Masonite industrial road 31.3 miles west of Ukiah approximately 1 hour driving time from Masonite plant in Ukiah.

OWNERSHIP - Owned by Mr. Smith whose house is located on the Comptche road.

POSTED OR OPEN - Posted by Mr. Smith.

IMPROVEMENTS - The lower 1 mile of this stream needs improvement in the form of removing the log jams and the grass out of the stream bed. The entire stream section has a moderate winter conditions noted by the amount of debris on the stream bank.

PAST STOCKING - None known.

GENERAL ESTIMATE - Dutch Henry Creek is typical of streams found in the redwood-Douglas fir transitional type area. The upper 1.5 miles is pasture-like and not contributing much shade or shelter. The lower .5 mile has good shade and shelter consisting of predominantly willows and second growth redwood. Fish were present in the lower 1 mile of stream. Water was in pools only in this section. This stream supports a fair number of steelhead and/or rainbow trout constituting a fair spawning and nursery stream.

RECOMMENDED MANAGEMENT - This stream should be managed as a steelhead and/or rainbow trout spawning and nursery stream. The removal of the jams and the garbage dump located .2 mile from the junction with the North Fork of the Navarro River should enhance a better fish population. The 6-ft. culvert at the mouth and 2, 4' culverts 1 mile from the mouth should cause no problem for steelhead and/or rainbow trout wishing to utilize the stream.

SKETCH MAP - See Attached.

REFERENCES AND MAPS - U.S. Dept. Interior, Navarro quads. topographic 15-min. series 1943

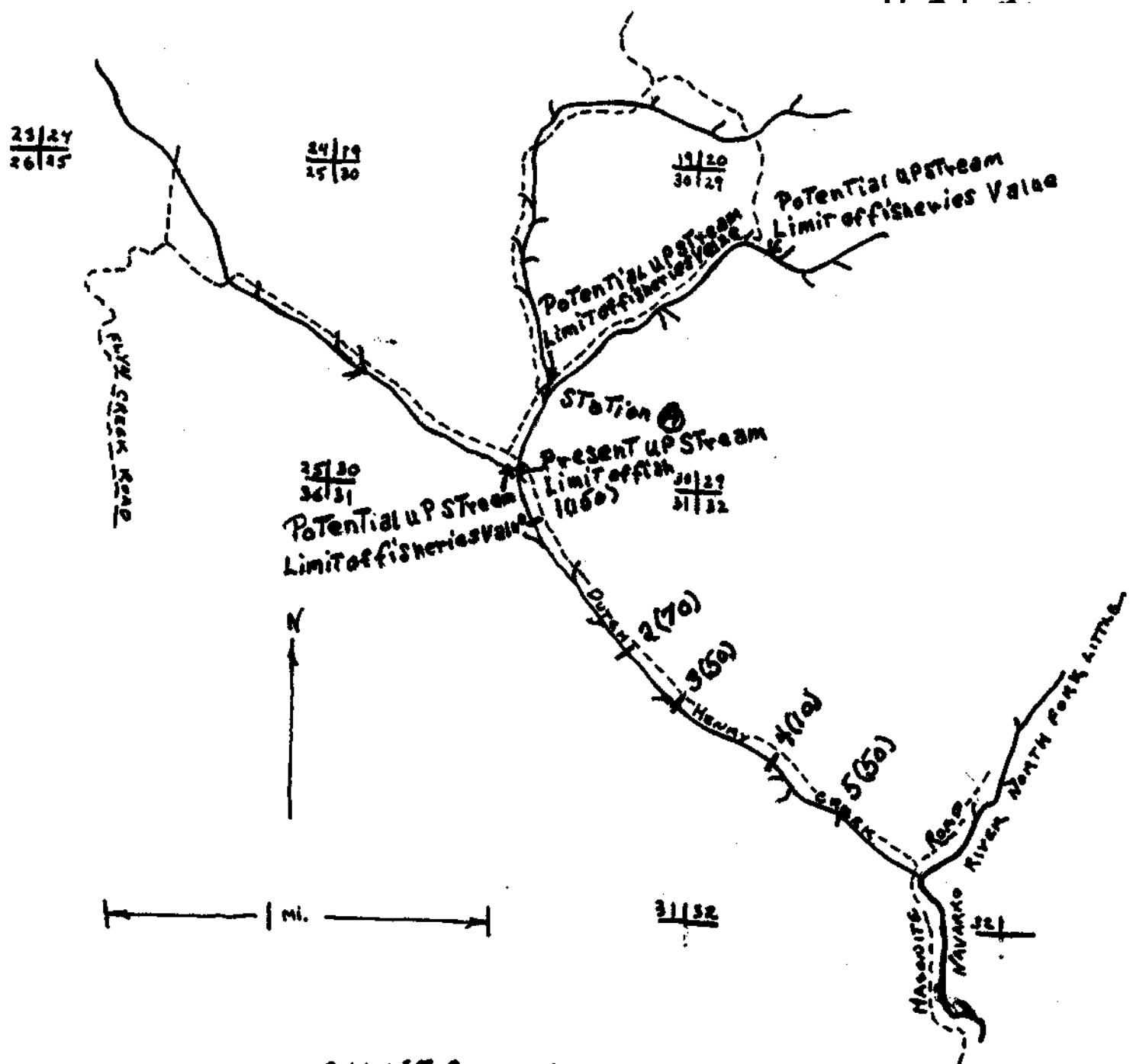
Herbert Adams/cd 9-17-62

DUTCH HENRY CREEK

T. 16 N. R. 15 W SEC. 32

Spawning and Nursery Area in miles

1. Now satisfactory for SH & SS 1 mile
2. To be improved 2.9 miles
3. Available after improvement 2



Add 15% for debris between
Jams Not Listed.