

THE RESOURCES AGENCY OF CALIFORNIA
CALIFORNIA DEPARTMENT OF FISH AND GAME

STREAM SURVEY

FILE FORM NO:..... DATE:.....

NAME..... Unnamed stream.....**COUNTY**..... Mendocino.....
STREAM SECTION.....partial..... **FROM**.....mouth.....**TO**...Boys' camp..... **LENGTH**..... 2.2 mi.
TRIBUTARY TO.....Rancheria Creek **TWP**...12N..... **R**...30W... **SEC**...30.....
OTHER NAMES..... Not Known.....**RIVER SYSTEM**..... Navarro River
SOURCES OF DATA.....Personal Observation.....

- EXTENT OF OBSERVATION
Include: Name of Surveyor, Date, Et
- 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
 - Spring
- 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 on foot and by car from the mouth upstream to Boys' Camp on August 31, 1961 by R. Moore. Rancheria Creek and other tributaries to the Navarro River system have been surveyed by Department of Fish and Game personnel and are listed in separate reports.

LOCATION -- This stream heads approximately 18 to 20 miles southeast of Boonville and approximately 6 miles southeast of Yorksville. It flows approximately 2 airmiles in a westerly direction to enter Rancheria Creek.

RELATION TO OTHER WATERS -- This stream is considered a minor headwater spawning and nursery tributary to Rancheria Creek, It is the most upstream and most southerly of the major Rancheria Creek tributaries

GENERAL DESCRIPTION:

Watershed and Immediate Drainage Basin -- This unnamed stream heads in an open, lens shaped valley, with oak and grass, some second growth redwood. It has loose, gravelly silted soil with no cultivation present. Streambed is incised 3-8 ft. There is extensive braided overburden in the stream. Little shelter or shade. Downstream 1/2 is used as sheep range or sheep grazing. Streamside vegetation is common in upper section, consisting of brush, razor grass and some bum. Streamside vegetation is scarce in lower section stream being incised up to 8 ft. Surrounding vegetation is grass.

Altitude -- Mouth 940, Boys' Camp 1200 ft.

Gradient -- Overall gradient 2.6 ft. per 100 ft. Slightly more in headwater section, slightly less near mouth.

Width -- Riffles average 2 ft. range 0-4 ft. Pools averaged 3 ft. ranged from 1 ft. to 4 ft. Streambed averaged 15 ft. ranged 12 - 35 ft.

Depth -- Riffles averaged 1/4 inch, ranged 0-1 inch (intermittent). Pools averaged

2 inches, ranged 1-6 inches. Streambed averaged 4 ft. ranged to 10 ft.

Flow -- Intermittent throughout. (No bedrock areas to take flow.)

Velocity -- Sluggish throughout.

Bottom -- Lower 1/2 of stream from Diamond D Ranch upstream, 80-90% overburden of loose gravel, silt, sand. 10-20% other. Upper 1/2 bedrock, gravel, silt, in that order. Components are: bedrock 2%, rubble 7%, gravel 50%, sand 10%, silt 28% and organic debris 2%.

Spawning Areas -- Extensive areas of overburden, silt, gravel and sand. Fair spawning in one tributary parallel to road approaching unnamed stream from Highway 1 to 8,

Pools -- Poor to fair. Most pools are a result of scouring during high winter flows.

Shelter -- Poor. Shelter due to scouring pools and some jams in upper section.

Barriers -- No barriers noted. Log jams are scarce in this unnamed stream except in extreme headwaters. Log jams are no problem to fish moving upstream.

Diversions -- None noted.

Temperatures -- None taken. Thermometer was inaccurate.

Food -- Abundant and variable. Caddis fly larvae completely cover rubble in riffles.

Water pennies abundant. Mayfly present. Small diptera noted.

Aquatic Plants -- Scarce to non-existent due to low flow.

Winter Conditions -- Believed moderate. Flows increase to 18 inches in depth during high winter freshets.

Pollution -- None noted.

Springs -- Scarce to non-existent as expected during dry summer season.

FISHES PRESENT AND SUCCESS -- Rainbow trout and/or steelhead and roach were noted.

Rainbow trout averaged 3% inches in length and ranged from 3 to 7 inches in length. The salmonid population was estimated at 1 to 5 per 100 ft. of stream. Success and condition of this fish appear to be fair. Natural propagation is not known due to young fish possibly moving downstream. The roach present averaged 3% inches and ranged from 3 to 4 inches in length. Roach population was estimated at 50+ per 100 feet. Their success and condition appear good and natural propagation of this fish appears good. The stream condition appears to favor roach, having extensive open areas with open area pools caused by scouring of loose gravelly stream bed during freshets.

OTHER VERTEBRATES -- Frogs, newts, snakes, deer and boys.

FISHING INTENSITY -- Not known. Fishing intensity believed to be scarce in the lower section and possibly fair to good in the area of Boys' Camp.

OTHER RECREATIONAL USES -- Camping and hunting .

OWNERSHIP -- Lower 1/2 of stream owned by Diamond D Ranch, Yorkville, California. For upper area, see barrier survey map.

POSTED OR OPEN -- Diamond D Ranch property has been posted in the past. Area upstream near Boys' Camp has restrictions during summer camp season. Approximately 25% of the mid section remains open throughout the year.

IMPROVEMENTS -- The upper section of this stream could benefit from stream clearance. This would involve approximately 3/4 of mile.

PAST STOCKING -- Not known.

GENERAL ESTIMATE -- This unnamed stream is of minor importance as a steelhead and/ or rainbow trout spawning and nursery stream. Limiting factors are overburden in excess. Little shade or shelter are present, high water temperatures exist, log jams are only of minor factor in this stream. Loose silted overburden present is a result of past logging practice. This gravelly stream with little shade or shelter and open exposed pool in the lower area appears to be better habitat for roach rather than rainbow trout and/or steelhead. Present spawning taking place in this stream is not known since young must move downstream or perish. Present regulations and enforcement on this stream appear adequate.

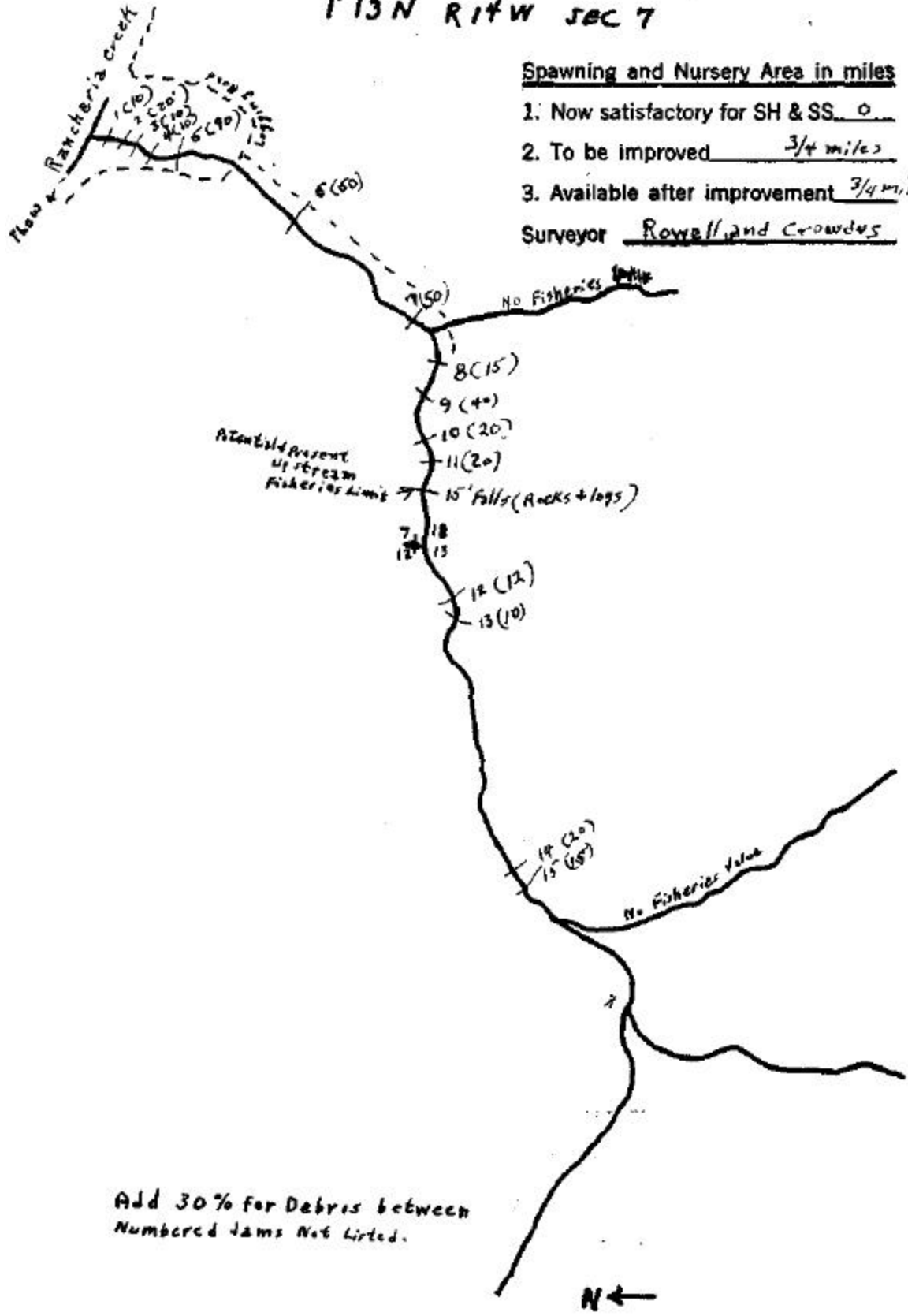
RECOMMENDED MANAGEMENT -- Recommend manage this stream for rainbow trout and/or steelhead spawning. Recommend stream clearance of the few log jams that are present. Recommend occasional checks for new log jams. Recommend no downstream water release be set on this stream due to little or no flow during summer season.

SKETCH MAP -- See attached.

REFERENCES AND MAPS -- US Dept. of Interior geological survey 7 1/2 -minute series topographic map Hopland quadrangle, southwest 1/4 advance sheet 1960(sic). This map appears to be accurate except for recent logging roads.

R. Moore/cd 11-21-62

UNNAMED TRIBUTARY T13N R14W SEC 7

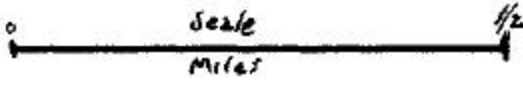


Spawning and Nursery Area in miles

1. Now satisfactory for SH & SS. 0
 2. To be improved 3/4 miles
 3. Available after improvement 3/4 mile
- Surveyor Royall and Crowder

Add 30% for Debris between
Numbered Jams Not Listed.

12, 18



UNNAMED Stream

T12N R12W Sec 30

Spawning and Nursery Area in miles

1. Now satisfactory for SH & SS 1.0
2. To be improved 1.5
3. Available after improvement 2.5

Surveyor: RL Moore

