

CALIFORNIA DEPARTMENT OF FISH AND GAME

STREAM SURVEY

NAME.....ROSE CREEKCOUNTY ..Mendocino.....
STREAM SECTION...Entire..FROM.....Mouth.....To..Headwaters.....LENGTH..8mi.
TRIBUTARY TO.....South Branch of North Fork Navarro River.....TWP.....15N.....R..14W...SEC. ..23....
OTHER NAMES.....So. Branch No. Fk. Navarro (on some maps).....RIVER SYSTEM...Navarro River....
SOURCES OF DATA.....Personal observation and information from Masonite Corp., Ukiah, California.....

- 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 Area
Pools
Shelter
Barriers
Diversions
Temperatures
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 - John Rowell and Robert Keller checked the lower .8 mile by driving along the paralleling road with frequent stops for closer inspection on July 18, 1962.
LOCATION - This stream rises approximately 14 miles west of Ukiah and northeast of Booneville.
RELATION TO OTHER WATERS - Rose Creek is a short headwaters tributary of the South Branch of the North Fork Navarro River. It provides summertime flows and nursery area for steelhead and/or rainbow trout.
GENERAL DESCRIPTION - Watershed & Immediate Drainage Basin - Rose Creek flows through a V-shaped canyon within the coastal redwood belt. White powdery soft soil with some gravel mixture is predominant along the sides. The drainage basin is about 2 sq. mi. Redwoods are predominant, supplying 75% of the shade. The adjoining land is uncultivated with some grassy area.
Altitude - Rose Creek rises at 2100 ft, above sea level, dropping to 960 ft. at the mouth.
Gradient - Steep in the headwaters area, dropping 400 ft, per 1/2 mile. In the lower section gradient is slight.
Width - The 4-ft. width held consistent throughout.
Depth - The 3-inch depth is fairly consistent throughout.
Flow - 1 cfs was measured by the float method at Stations A & B.
Velocity - Cascading in the headwaters, slow to sluggish in the

lower section.

Bottom -In the upper section the bottom was composed of approximately 50% boulders and 50% rubble. The bottom in the lower section was 50% rubble and 50% gravel.

Spawning Areas - About 75% of the useable area has good overall spawning areas for steelhead and/or rainbow trout and silver salmon.

Pools - Pools are few varying from 1 1/2 ft. to 6 in. in depth, 3-7 ft. in length and 6-3 ft. in width.

Shelter - Overhanging logs and boulders form the majority of shelter.

Barriers - None. See the log jam map for amount of debris and jams in the stream.

Diversions - None.

Temperature - Temperatures were taken just before noon on a clear day. The air was 82° F., water 60° F.

Food - Mayfly, beetles, water boatman, water striders and other unidentified insects were in sufficient quantities to support a sizeable fish population.

Aquatic Plants - Horsetail and algae were scattered throughout.

Winter Conditions - Evidence along the bank indicate winter conditions are not severe.

Pollution - None observed.

Springs - None observed.

FISHES PRESENT AND SUCCESS - The only fish observed in Rose Creek were steelhead and/or rainbow trout in fair numbers. Size ranged from 1" to 2". They appeared to be in very good condition. Natural propagation was fair. The small size of the pools appear to make it easy for coons to pick out fish. 5 to 10 RT/SH per 100 ft.

OTHER VERTEBRATES - Snakes, frogs, racoons and deer were present in small numbers.

FISHING INTENSITY - None.

OTHER RECREATIONAL USE - Possibly controlled hunting use.

ACCESSIBILITY - Accessible from Ukiah via Masonite Road turning off at Mile Post 20.9 onto Rose Creek Road. The mouth of Rose Creek is 4.5 miles from Masonite Road. Travel time from Ukiah is about 1 hour.

OWNERSHIP - Masonite Corp., Ukiah, California.

POSTED OR OPEN - Posted by Masonite Corp.

IMPROVEMENTS - The stream is relatively clear of debris so little is needed in the way of habitat improvement.

PAST STOCKING - None known.

GENERAL ESTIMATE - Although this is a short headwaters tributary, it appears to be a good spawning and nursery area. There is a good flow with good spawning gravel, shade and plenty of food. Good protection is lacking due to the shallowness of the pool. This might be a drawback in relation to animals.

RECOMMENDED MANAGEMENT - This stream should be managed as a steelhead and/or rainbow trout spawning and nursery area.

SKETCH MAP - See attached.

REFERECES AND MAPS - (1) U.S. Dept. of Interior, geological survey 7½ -minute series topographic map, Booneville quadrangle, advance sheet, 1962.

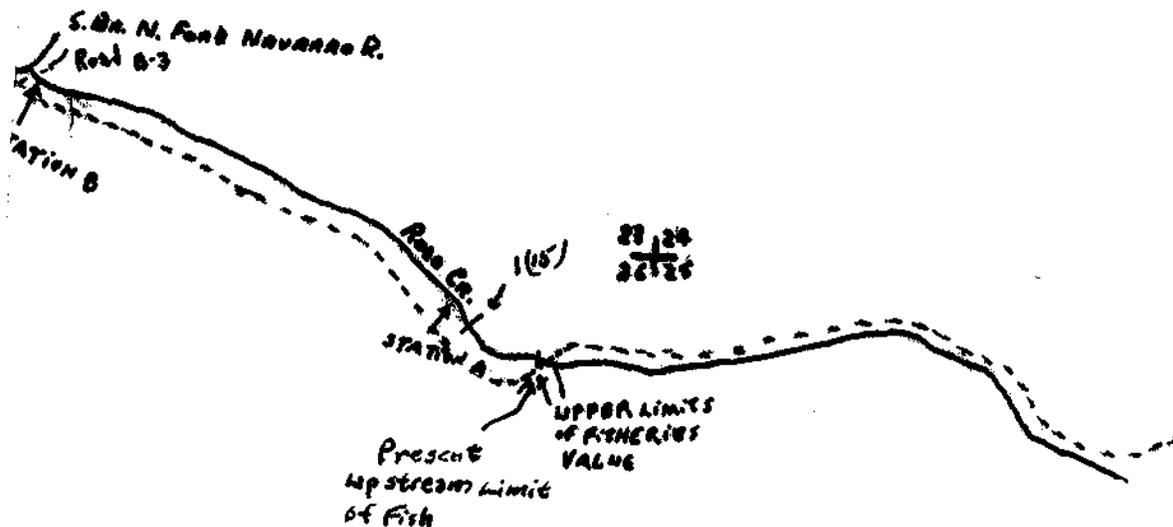
(2) Masonite Corp. (Ukiah, Calif.) Property and Topographic Map, based on War Dept., maps, 1943. (3) U.S. Dept. of Interior Geological survey, 15-minute series, topographic map, Booneville Quadrangle, 1959.

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Rose Creek T. 15 N. R. 14 W. Sec. 23

Spawning and Nursery Area in miles

- 1. Now satisfactory for SH & SS .8
 - 2. To be improved .0
 - 3. Available after improvement .8
- Surveyor Rowell & Keller



Scale: 1 Mile

Add 200% for Debris between
Numbered Jams