

THE RESOURCES AGENCY OF CALIFORNIA
CALIFORNIA DEPARTMENT OF FISH AND GAME

STREAM SURVEY

FILE FORM NO: DATE:

NAME.....Soda..Creek..... **COUNTY**.....Mendocino.....
STREAM SECTION.... **FROM**....Mouth.....**TO**..Masonite Property Line..... **LENGTH**....7 mi.
TRIBUTARY TO.....Low Gap Creek..... **TWP**...15N...**R**...14W...**SEC**...14.....
OTHER NAMES.....None.....**RIVER SYSTEM**.....Navarro River.....
SOURCES OF DATA.....Personal survey and information from Masonite Corp., Ukiah, California,
foresters.....

- 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
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- 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 - On July 19, 1962, J. Rowell and/ R. Keller walked from the mouth upstream for .7 mile to the upper limit of fisheries value.

LOCATION - Soda Creek rises 14 miles west of Ukiah, It flows westward into Low Gap Creek.

RELATION TO OTHER WATERS - Soda Creek is a headwaters tributary in the Navarro drainage. This is an excellent spawning and nursery tributary.

GENERAL DESCRIPTION

Watershed and Immediate Drainage Basin - Soda Creek is a V-shaped canyon with dry powdered soil within the coastal redwood belt. It is partly cultivated. Trees consist of virgin redwood, fir, madrone, beech and tanned bark oak. Lower 1/2 mi. partially cultivated.

Altitude - Soda Creek arises at 2400 ft above sea level, dropping to 1000 ft above sea level at the mouth.

Gradient - The lower 1/2 mile slight, steep in the rest of the stream approximately 300 ft 1/4 mile.

Width - Ranges from 5 ft. to 6 ft. Average 5 ft.

Depth - A 4" depth was fairly constant throughout the sections surveyed.

Flow - A flow of 1 cfs measured by the float method was constant throughout the section surveyed.

Velocity - Slow throughout surveyed section.

Bottom - 30%. rubble and 70% gravel throughout the surveyed section.

Spawning Areas - Approximately 80% of the stream section surveyed had good to excellent spawning gravel.

Pools - Pools were frequent, having a range of 6" to 2' with an average of 1 1/2' in depth. Pools were approximately 4' x 4' throughout.

Shelter - Very good in the form of boulders, deep pools and some logs.

Barriers - None.

Diversions - A 2" pipeline diverts water for domestic use. Also, an 8" high dirt dam diverts 60%. of summer flows for irrigation. Pipe and dam are located near the upstream Larsen/Masonite property line, a distance of approximately 0.6 mile above the mouth.

Temperatures - Taken on a clear day just before noon, water 60°F., air 80°F.

Food - Caddis fly, beetles and other unidentified insects were plentiful throughout the stream section surveyed.

Aquatic Plants - Confined mostly to algae.

Winter Conditions - High water marks and debris along the bank, plus the shortness of the tributary indicate winters are fairly mild.

Pollution - None observed.

Springs - None observed.

FISHES PRESENT AND SUCCESS - Steelhead and/or rainbow trout are abundant at the rate of 50 fish per 50 ft. throughout the section surveyed. They ranged in size from 1 1/2 in. to 6 in. Their condition was good and natural propagation appear to be good. The majority of the steelhead and/or rainbow trout observed were within the Larsen property line.

OTHER VERTEBRATES - Racoons, deer, cows and sheep were present within the area.

FISHING INTENSITY - Not known.

OTHER RECREATIONAL USES - None known.

ACCESSIBILITY - The mouth of Soda Creek is reached via either Masonite Corp. road or the Low Gap Road. The mouth of Soda Creek is approximately 1 hour's travel time from Ukiah via Masonite Road turning off at mile 16.5.

OWNERSHIP - Owned in part by Mr. Larsen and Masonite Corp., Ukiah, California.

POSTED OR OPEN - Soda Creek is posted both by Masonite Corp. and Mr. Larsen.

IMPROVEMENTS - None needed.

PAST STOCKING - None known.

GENERAL ESTIMATE - Soda Creek which lies within the coastal redwood belt at the end of the Navarro River appears to be an excellent stream. It has a good flow with only a small amount of debris. It has good protection due to deep pools, boulders and logs. The landowner has kept this creek in excellent condition.

RECOMMENDED MANAGEMENT - The landowners, Masonite Corp. and Larsen had kept the useable portion of Soda Creek in excellent condition for steelhead and/or rainbow trout. With this in mind, it is felt that no changes should be made.

SKETCH MAP - Attached.

REFERENCES AND MAPS -

RECOMMENDED MANAGEMENT -
SKETCH MAP

(1) U.S. Dept, of Interior geological survey 7 1/2-minute series topographic map Boonville quadrangle, advance sheet 1962.

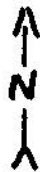
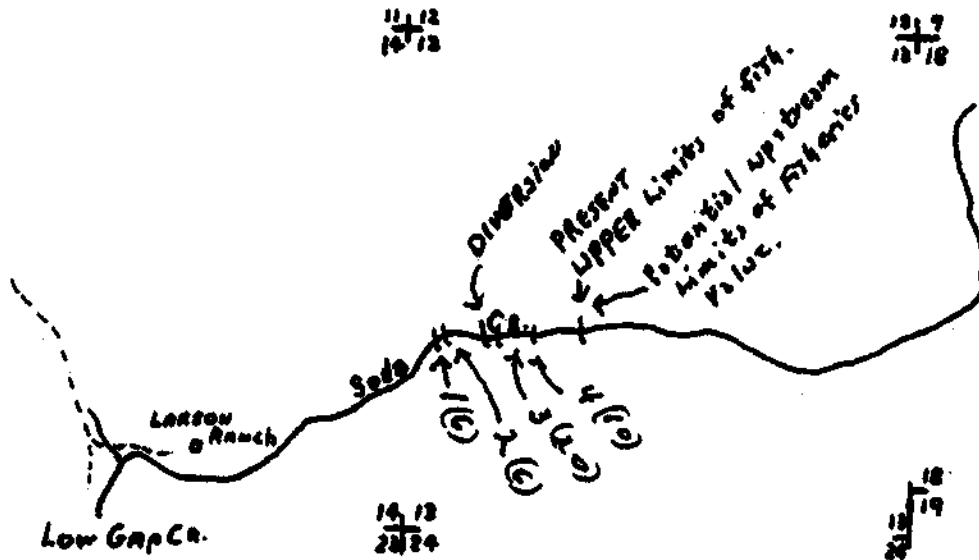
(2) Masonite Corp., Ukiah, California property and topographic map based on War Dept, maps 1943.

(3) U.S. Dept, of Interior geological survey 15-minute series topographic map Boonville quadrangle 1959.

Soda Creek
 T. 15N R. 14W Sec. 14

Spawning and Nursery Area in miles

1. Now satisfactory for SH & SS .4
 2. To be improved .3
 3. Available after improvement .7
- Surveyor Bowell & Keller



← 1 Mile →

Add 5% for debris between Numbered Log Jams