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## CALIFORNIA DEPARTMENT OF FISH ANDGAME STREAM SURVEY

FILE FORM NO. .....

Lower STREAM SECTION ...2/3 .....FROM...... mouth......To...first barrier......LENGTH...1.6 mi....... SOURCES OF DATA......Personal observation and Masonite Corp. Foresters.....

EXTENT 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 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 - This stream was checked by truck by John Rowell and Herbert Adams on July 16, 1962. Frequent stops were made for closer inspection. Approximately 2 hours were spent on the stream. LOCATION - Redwood Creek is located 26 miles west of Ukiah via Masonite Corp. industrial road. RELATION TO OTHER WATERS - Redwood Creek is an unimportant tributary contributing winter flows only. It is one of the lesser Little North Fork Navarro River headwaters tributaries.

GENERAL DESCRIPTION - Watershed & Immediate Drainage Basin - Redwood Creek is within the coastal redwood belt. Vegetation is mostly redwoods, some beech trees and grass. The soil is powdery with some gravel mix. Redwood Creek drains an area of approximately 2½ sq. miles. The upper third is a V-shaped canyon changing to a U-shaped canyon in the lower section. It flows in a general northwest direction. Joint grass and cattail are abundant in the middle section where water is flowing. Altitude - Redwood Creek starts at 1200 ft. above sea level, dropping to 400 ft. at the mouth.

Gradient - Steep in the headwater section, dropping 400 ft. in half a mile, then moderate to the mouth.

Width - Riffles average 18 inches, and pools 24 inches.

Very little deviation throughout section surveyed.

Depth - Riffles average 2 inches and the pools 6 inches. Depths were the same throughout.

Flow - 1/2 cfs intermittent.

Velocity - Sluggish.

Bottom - Consisted of 95% mud and silt throughout with small patches of gravel about 5%.

Spawning Areas - Only about 20% is available for steelhead or silver salmon. Pools - Small, frequent and scattered throughout mid section.

Shelter - Horsetail and cattail almost completely cover the stream where it is

Barriers - A rock and log barrier is at the upstream limit for fisheries value. It is approximately 15 ft. high, 20 ft. wide.

Diversion - None observed.

Temperatures - Taken at 11 a.m. the air was 82° F., water 58° F.

Food - Caddis fly larvae and other small insect seemed to be plentiful.

Aquatic Plants - Algae common.

Winter Conditions - Apparently not too severe.

Pollution - None observed.

None noted. Springs -

FISHES PRESENT AND SUCCESS - Stream was completely devoid of fish life.

OTHER VERTEBRATES - Frogs and snakes.

FISHING INTENSITY - None.

OTHER RECREATIONAL USES - None known.

ACCESSIBILITY - The lower 1.6 miles are accessible via Masonite road and road D-l which parallels the stream. Road D-l is 27.1 miles from Ukiah via Masonite Corp. road.

OWNERSHIP - Masonite Corporation.

POSTED OR OPEN - Posted by Masonite Corporation, Ukiah, California. IMPROVEMENTS - Some logging debris could be removed but silt and mud will have to be removed by winter flow.

PAST STOCKING - None known.

GENERAL ESTIMATE - This is a short stream with intermittent summer flow. Mud and silt from road slide has covered much of the available spawning gravel. No fish were present. Food seemed plentiful in areas where water flows. RECOMMENDED MANAGEMENT - It is thought that this stream will never be of use to silver salmon and steelhead, and/or rainbow trout due to the existing roads and their proximity to the creek. The over burden is deep and erosion is still taking place. A bank stabilization program would be the best thing that could be done with this creek.

SKETCH MAP - See attached.

REFERENCES & MAPS - U.S. Dept. of Interior geological survey 15-minute series topographic map Booneville quadrangle 1959. Masonite Corp. property and topographic map based on War Department maps dated 1943.

John Rowell/cd 9-12-2

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## REDWOOD CREEK

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