SCANNED FOR KRIS

CALIFORNIA DEPARTMENT OF FISH AND GAME
STREAM SURVEY

FILE FORM No _____

Date January 12, 1968

NAME CON CREEK COUNTY Mendocino

STREAM SECTION _____ FROM mouth TO headwaters LENGTH 6 mi.

TRIBUTARY TO Anderson Creek TWP 14N R 14W SEC 34

OTHER NAMES none RIVER SYSTEM Navarro River

SOURCES OF DATA Personal observation, local wardens, and residents

EXTENT OF OBSERVATION - This stream was walked out on November 27, 1967, and January 5, 1968, by Ronald M. Lang.

LOCATION - Con Creek enters Anderson Creek approximately 2 miles northwest of the town of Boonville.

RELATION TO OTHER WATERS - The major importance of Con Creek is its contribution of winter and summer flows to Anderson Creek. Reliable sources of information indicate minimum summer flows of .5 cfs. Salmonid spawning & nursery area limited due to bedrock bottom and an impassible falls barrier one mile up from the mouth.

GENERAL DESCRIPTION

WATERSHED - Steep, open hillsides with good grass cover account for the topography in general. Soil type is of the Hugo loam series with few signs of erosion. The vegetation is mostly miscellaneous grasses with live oak, redwood and Douglas fir in scattered locations.

IMMEDIATE DRAINAGE BASIN - Approximate size is 10 square miles. The basin is a steep-sided, V-shaped canyon. General direction in which the stream discharges is southwest. Channel type is lense-shaped. Streamside vegetation is abundant and consists of alder, tan bark oak, live oak, willow, redwood, Douglas fir and sword ferns.

ALTITUDE - Mouth—300'; headwaters—2000'.

GRADIENT - l60'/mile the first 2 miles, 240'/mile the next mile and 880'/mile the last 3 miles. The gradient is steep to moderate.

WIDTH - Average—5' (2' to 8').

DEPTH - Average-3" (1½ " to 18 ").

FLOW - Estimated to be 2 cfs at this time and .5 cfs throughout the summer. Since this stream is so well shaded flows are apt to remain cool and constant during the entire year.

VELOCITY - Sluggish—less than ½' per second.

BOTTOM - Average bottom material is bedrock. Pool and riffle areas contain coarse to fine rubble and boulders. Estimated percentage of each of the following that were present:

Mud----------	5%	Fine gravel------	1%
Clay---------	5%	Coarse gravel----	2%
Silt---------	4%	Fine rubble------	8%
Detritus-----	6%	Coarse rubble----	20%
Hardpan------	2%	Boulders---------	20%
Sand---------	2%	Bedrock----------	25%

SPAWNING AREAS - Not abundant due to large amounts of bedrock. Gravels present appear to be loose and ½" to 2" in size. Average water depth over gravel at this time is 2".

POOLS - Caused by boulders and digging action of the current. Average size is length—8', width—4' and depth—12". They are short, narrow and shallow with adequate shelter.

SHELTER - Abundant throughout entire stream and consists of boulders, logs, undercut banks and overhanging terrestrial plants.

BARRIERS - The only impassible barrier noted was a natural bedrock falls located approximately 1 mile up from the mouth. Salmonids could not be found above this point (check made when water was clear and before heavy rainstorms).

DIVERSIONS - None observed.

TEMPERATURES - Time—1200 hours; Air—46°F.; water—45°F.

FOOD - Caddis fly the main aquatic insect present. Mayfly, water strider and beetles also observed. Food was abundant as it was noticeable on almost every rock. Counts revealed an average of 30 aquatics per square foot of stream bottom.

AQUATIC PLANTS - Some algae growing in exposed riffle areas but not abundant.

WINTER CONDITIONS - Streamside marks indicate depth of winter flows to reach 6 feet.

POLLUTION - None observed.

SPRINGS - Several small springs located in the upper section were observed. They appeared to be small and were reported to run through the summer. There is no development for agricultural or domestic use.

FISHES PRESENT AND SUCCESS - The area above the falls was checked before the rain season with no evidence of salmonids. Fast, muddy water made observation impossible below the falls. There was no sign of upstream migrant SS/SH.

FISHING INTENSITY - None.

OTHER RECREATIONAL USE - Deer, quail and pidgeon hunting. Land use primarily for sheep grazing.

ACCESSIBILITY - The lower ½ of Con Creek is accessible within 100 to 300 yards from Peachland Ranch Road. The upper area can be reached by foot only over several miles of steep, rugged terrain.

OWNERSHIP - Private.

POSTED OR OPEN - 100% posted against public trespass.

IMPROVEMENTS - None.

PAST STOCKING - None.

GENERAL ESTIMATE - Con Creek is a small, well shaded stream which contri-butes flow to Anderson Creek. Little, if any, fisheries value can be placed on this stream due to an absence of desired habitat. No special problems were noted and present regulations are adequate.

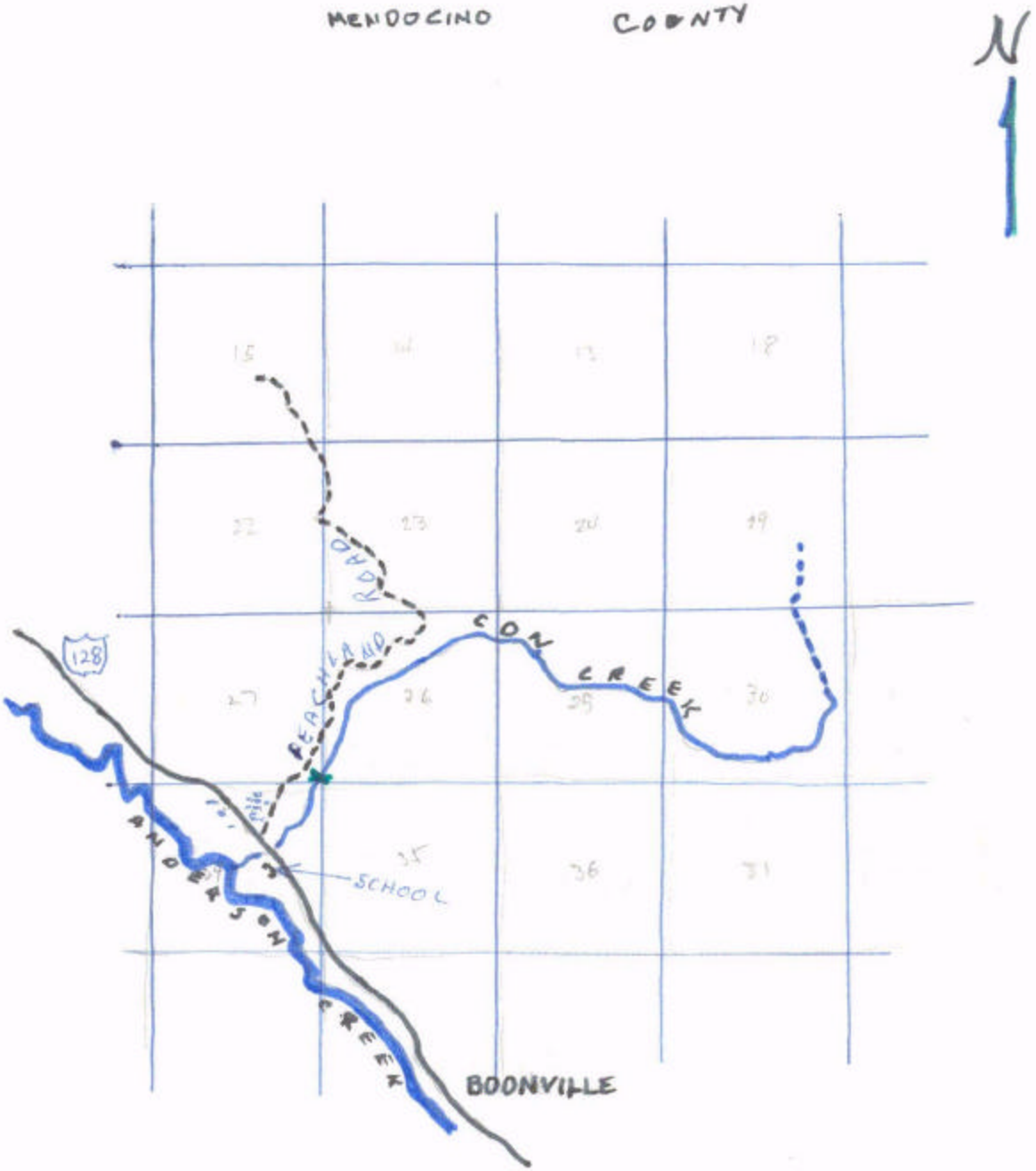
RECOMMENDED MANAGEMENT - Coats of clearing falls or building a fish ladder in the lower area would probably prohibit any type of improvement or manipulation. A more accurate survey should be conducted during the summer in order to determine the true value of this stream. At this time, however, muddy water limited the observations.

REFERENCES AND MAPS - USGS Boonville Quadrangle and Div of Forestry Mendo-cino County (south half) Ranger Unit Map.

RONALD M. LANG
FISH CULTURIST
REGION III

CON CREEK

MENDOCINO COUNTY



X = IMPASSIBLE FALLS BARRIER