

THE RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF FISH AND GAME

STREAM SURVEY

Date: August 19, 1974

NAME: CROCKER CREEK COUNTY: Sonoma

STREAM SECTION: Partial FROM: Mouth TO: 2.2 miles from mouth LENGTH: 2.2 miles

TRIBUTARY TO: Russian River TWP: 11 N R: 10 W SEC: 27

OTHER NAMES: None RIVER SYSTEM: Russian River

SOURCES OF DATA: Personal Observation

<p>EXTENT OF OBSERVATION Include: Name of Surveyor, Date, Etc.</p> <p>LOCATION</p> <p>RELATION TO OTHER WATERS</p> <p>GENERAL DESCRIPTION</p> <p>Watershed</p> <p>Immediate Drainage Basin</p> <p>Altitude (Range)</p> <p>Gradient</p> <p>Width</p> <p>Depth</p> <p>Flow (Range)</p> <p>Velocity</p> <p>Bottom</p> <p>Spawning Areas</p> <p>Pools</p> <p>Shelter</p> <p>Barriers</p> <p>Diversions</p> <p>Temperatures</p> <p>Food</p> <p>Aquatic Plants</p> <p>Winter Conditions</p> <p>Pollution</p> <p>Springs</p> <p>FISHES PRESENT AND SUCCESS</p> <p>OTHER VERTEBRATES</p> <p>FISHING INTENSITY</p> <p>OTHER RECREATIONAL USE</p> <p>ACCESSIBILITY</p> <p>OWNERSHIP</p> <p>POSTED OR OPEN</p> <p>IMPROVEMENTS</p> <p>PAST STOCKING</p> <p>GENERAL ESTIMATE</p> <p>RECOMMENDED MANAGEMENT</p> <p>SKETCH MAP</p> <p>REFERENCES AND MAPS</p>

EXTENT OF OBSERVATION - On August 19, 1974 Seasonal Aid Jerry Bruns surveyed Crocker Creek on foot.

RELATION TO OTHER WATERS - Contains little spawning or nursery habitat. Contributes no summer flow to the Russian River.

GENERAL DESCRIPTION -

Watershed - Only the lower 0.2 mile of creek is bordered by cultivated lands. The rest of the drainage is dominated by annual grasses, oak, madrone and a few redwood trees. In the headwaters the creek flows through incised canyons.

Altitude - Crocker Creek headwaters: 1240 feet; western unnamed tributary headwaters-1480 feet; other unnamed tributary headwaters-1760 feet; confluence of above creeks-680 feet; mouth of Crocker Creek-280 feet.

Gradient - Headwaters of Crocker Creek to confluence with the westernmost unnamed tributary-7.6'/100'; headwaters of the westernmost unnamed to its confluence with Crocker Creek-8.4'/100'; headwaters of the other unnamed tributary to its confluence with Crocker Creek-20.4'/100'; confluence of Crocker Creek and the westernmost unnamed tributary to the mouth of Crocker Creek-5.0'/100'.

Width - Crocker Creek upstream from the mouth of the westernmost unnamed tributary-6 inches to 4 feet, with an average of about 2 feet; Crocker Creek below its confluence with the westernmost unnamed tributary-6 inches to 10 feet, with an average of about 3 feet; unnamed tributaries-6 inches to 4 feet, with an average of 2 feet.

Depth - Crocker Creek-pools 1 to 4 feet deep with an average depth of about 2 feet; riffles 1 inch to 1 foot with an average depth of 2 inches; unnamed tributaries-pools 1 to 3 feet deep with an average of 1.5 feet, and riffles 1 inch to 1 foot with an average depth of 2 inches.

Flow - The flow was intermittent throughout the surveyed area. No flow exceeded 0.2 cfs.

Velocity - Water velocities were slow but there were numerous small drops and falls.

Bottom - Pools-40% rubble, 10% rocks, 5% boulders, 10% bedrock; 5% gravel; 10% sand, 10% detritus; 10% silt; riffles-65% rubble, 5% silt, 10% rocks, 5% bedrock, 10% sand, 5% gravel.

Spawning Areas - Little potentially suitable spawning gravel present in this system (5% of the total area). Most potential sites were located in Crocker Creek just upstream and downstream from its confluence with the westernmost unnamed tributary.

Pools and Riffles - Pools made up 50% of the total watered area in the surveyed areas. The creeks were characterized by small flows of water between semi-isolated pools.

Shelter - About 65% of the area surveyed was covered by a canopy of terrestrial vegetation.

Barriers - An earth dam near the KOA campground was completely blocking the creek. Repairs were being made on the outlet channel. The outlet channel appeared to be fairly steep and at the time of the survey the channel did not appear to have fish passage specifications. Numerous log jams and falls were located above the dam site and some of these could hinder fish passage (see map).

Diversions - A hose runs from a pump house to a spring immediately adjacent to the creek (see map for location).

Temperatures - Crocker Creek below the KOA dam—air 86°F., water 67° F; above the mouth of the westernmost unnamed tributary—air 80°F., water 62°F.; westernmost unnamed tributary— air 80° F, water 60° F.

Food - Damselflies, beetles numerous, Caddisflies few.

Aquatic Plants - Equisetum and sedges were common. Filamentous algae was present in some stagnant pools.

Winter Conditions - The winter channel of Crocker Creek below the mouth of the westernmost unnamed tributary ranged from 12 to 35 feet. Crocker Creek above the mouth of the westernmost unnamed tributary and the unnamed tributaries had winter channels ranging from 8 to 20 feet.

Pollution - Possible pollution from the KOA campground and numerous homes in the lower drainage.

Springs - See map.

FISHES PRESENT AND SUCCESS - Roach were abundant below the KOA impoundment. No fish were present above the impoundment.

OTHER VERTEBRATES - Newts were extremely common throughout the surveyed area (sometimes 10 or 15 were present in one small pool). Numerous frogs and snakes were present.

FISHING INTENSITY - Some fishing pressure in the KOA impoundment.

ACCESSIBILITY - Access to Crocker Creek was gained from the Washington School Road. A private dirt road parallels Crocker Creek on the south side.

OWNERSHIP - Private.

IMPROVEMENTS - None except dam noted above.

PAST STOCKING - Possible stocking of the KOA impoundment.

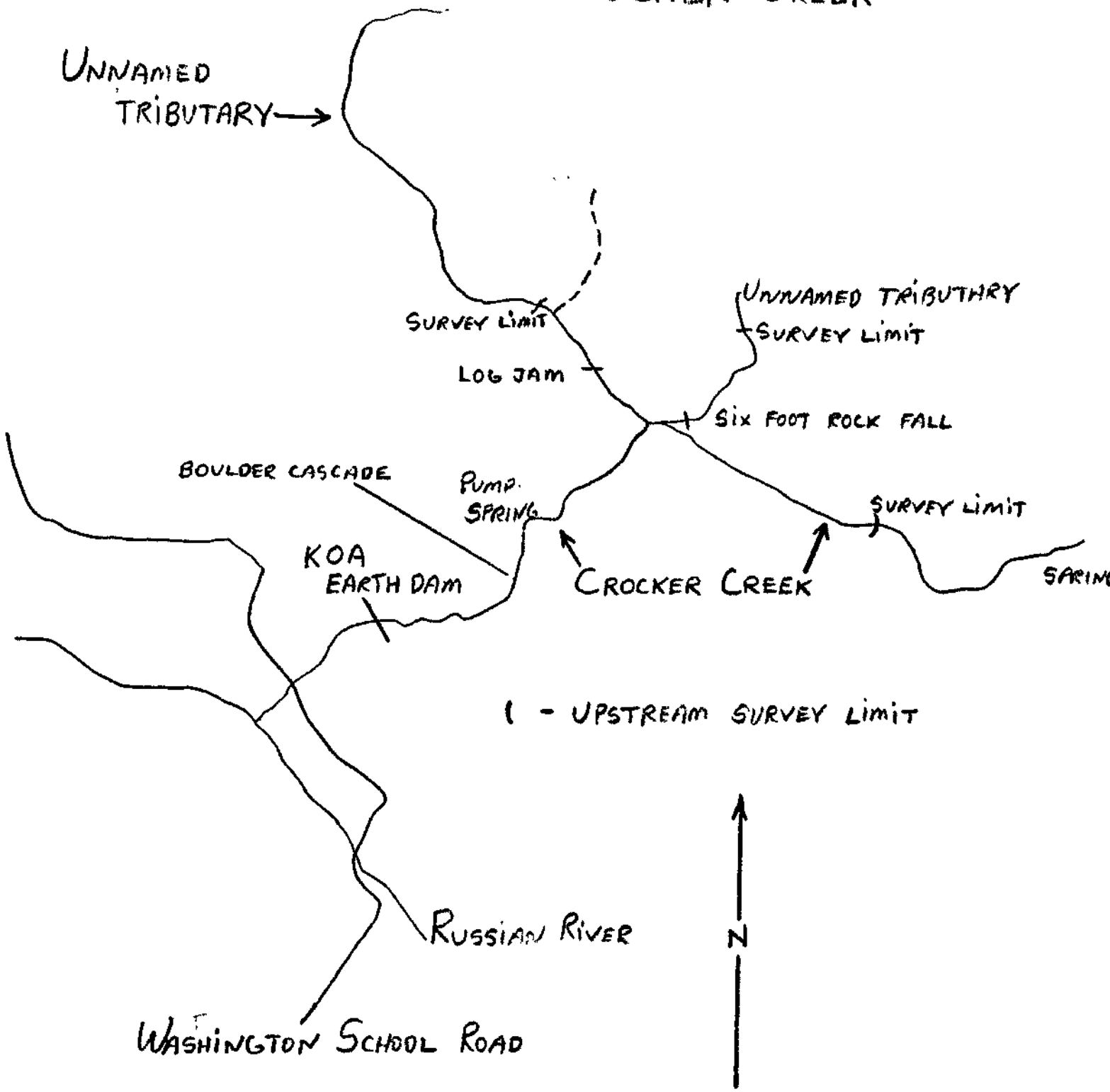
GENERAL ESTIMATE -

RECOMMENDED MANAGEMENT -

SKETCH MAP - Attached.

[**REFERENCES AND MAPS** - USGS Asti, Calif. 7.5' Quad.; SW/4 Kelseyville 15' Quad.]

CROCKER CREEK



(- UPSTREAM SURVEY LIMIT

0 MILES 1