

THE RESOURCES AGENCY OF CALIFORNIA  
CALIFORNIA DEPARTMENT OF FISH AND GAME

**STREAM SURVEY**

File form No. \_\_\_\_\_ Date: December 29, 1970  
**NAME:** Hulburt Creek Unnamed Tributary # 2 1 **COUNTY:** Sonoma  
**STREAM SECTION:** \_\_\_\_\_ **FROM:** Mouth **TO:** Upper fish limit **LENGTH:** 1.4 mi.  
**TRIBUTARY TO:** Hulburt Creek **TWP:** 8N **R:** 11W **SEC:** 24  
**OTHER NAMES:** Not known **RIVER SYSTEM:** Russian River  
**SOURCES OF DATA:** Personal observation of C. W. Parke and R. R. Klamt on July 7, 1970

<b>EXTENT OF OBSERVATION</b> Include: Name of Surveyor, Date, Etc.
<b>LOCATION</b>
<b>RELATION TO OTHER WATERS</b>
<b>GENERAL DESCRIPTION</b>
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
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** - Tributary No. 2 1 on foot from mouth to upper fish limit 1.4 miles upstream.

**LOCATION** - Tributary No. 2 1 flows into Hulburt Creek 3 miles upstream from the mouth of Hulburt Creek.

**RELATION TO OTHER WATERS** - Hulburt Creek flows into the Russian River at Guernwood Park.

**GENERAL DESCRIPTION -**

**Watershed & Immediate Drainage Basin** - Bowl to U-shaped canyon with terrain (rough) forested with redwood, maple, oak, and laurel. Total area of drainage basin is .88 square miles.

**Altitude** - At mouth; 100 ft. at upper fish limit; 700 ft.

**Gradient** - 429 ft./mile.

**Width** - Riffles: 1½-3½ ft. Pools: 2-6 ft.

**Depth** - Riffles: 1-4 in. Pools: 4-40 in.

**Flow** - ¼ cfs. estimated average.

**Velocity** - Rapid in riffles and sluggish in pools.

**Bottom** - Averages: silt - 25%; sand - 10%; pea gravel - 25%; marble gravel - 15%; ping pong gravel - 10%; baseball gravel - 10%; intermediate rubble - 5%; basketball rubble - 0%.

**Spawning Areas** - Range from 35-85%. Average 50%. Spawning areas present in upper areas, but no nursery grounds exist in the upper stretches.

**Pools** - Average 55%. Generally small and shallow. Average size: length - 4-8 ft. width - 2-4 ft. depth - 4-25 in.

**Shelter** - From undercut banks and large rubble. Average 1 foot shelter per 7 feet of stream.

**Barriers** - 2 complete log jams and 1 potential block.

**Diversions** - None noted.

**Temperatures** - At 1100 on July 7, 1970: Weather - clear. Altitude - 175 ft.

Air - 71°F. Water - 62°F.

**Food** - Caddisfly and mayfly nymphs, aquatic beetles.

**Aquatic Plants** - Numerous algae.

**Winter Conditions** - Flow 2-4 feet above summer level.

**Pollution** - None noted.

**Springs** - Some small springs noted.

**FISHES PRESENT AND SUCCESS** - Steelhead Rainbow Trout: Sizes - 1½-3 in. 3-5 in.

Abundance - 50-125/100 ft. stream.

**OTHER VERTEBRATES** - Frogs, garter snakes.

**FISHING INTENSITY** - Unknown.

**OTHER RECREATIONAL USE** - Summer homes, picnicking, hiking.

**ACCESSIBILITY**-Accessible only on foot from Canyon Road, 10-15 minutes from Guerneville. Mileage is about 4½ miles.

**OWNERSHIP**-Unknown.

**POSTED OR OPEN**-Open.

**IMPROVEMENTS**-Removal of 3 log jams.

**GENERAL ESTIMATE**-Tributary No. ~~2~~ 1 of Hulburt Creek offers roughly 1.4 miles of good spawning areas and about 1 mile of good nursery grounds. With the removal of 3 log jams, fish travel would be increased, and production could go up.

**RECOMMENDED MANAGEMENT**-Clearance of 2 complete log jams, and 1 incomplete, but potential log jam.

**SKETCH MAP**-Attached. [sic]

**REFERENCES AND MAPS**-U.S.G.S. 7½ minute series. (Cazadero Quad.) 1943. Scale: 1 to 24,000.