

**CALIFORNIA EPARTMENT OF FISH AND GAME
STREAM SURVEY**

FILE FORM No. _____

NAME...Devil's Gulch Creek.....COUNTY.....Marin.....
 STREAM SECTION...Entire....FROM.....Mouth.....TO..... ..Headwaters.....LENGTH....4 mi..
 TRIBUTARY TO....Lagunitas CreekTWP...2N.....R...8W.....SEC.....10.....
 OTHER NAMESRIVER SYSTEM.....Lagunitas Creek.....
 SOURCES OF DATA.....Personal observation and information from park employees.....

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
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 - On March 1, 1966, Devils Gulch Creek was surveyed on foot by Dave Netherby from the mouth to the headwaters, a total length of 4 miles.

LOCATION - This stream runs into Lagunitas Creek just off of Sir Francis Drake Road in Taylor State Park. The headwaters are in a mountain meadow above this point.

RELATION TO OTHER WATERS - Devils Gulch Creek is a tributary to Lagunitas Creek which flows into Tomales Bay.

WATERSHED AND IMMEDIATE DRAINAGE BASIN - This creek begins as a small ditch-like flow in a mountain meadow, forming a gulch and widening as the gradient gradually increases and other tributaries add their flows. The area beneath the meadow is shaded by trees and brush.

WIDTH - The average width of the stream is 6 feet, with a range of 2 to 18 feet.

DEPTH - The average depth is 8 inches, ranging from 4 inches to 4 feet.

FLOW - The flow was measured with the pigmy meter 1/2 mi. upstream from the mouth at 5.4 cfs. Good summer flows are reported adequate in the 3 miles of stream available to fish.

VELOCITY - The velocity of the stream was rapid throughout the total length of the stream.

BOTTOM - The bottom of the stream consists of scattered areas and mixtures of gravel (40%), rubble (20%), bedrock (15%), boulder (10%), sand (10%) and mud (5%).

SPAWNING HABITAT - The spawning areas are plenteous and excellent. Gravel size ranges from pea size to 2 in. These areas are distributed throughout the lower three-fourths of stream. Three miles of stream are available for spawning, of which 30% to 49% can be utilized with success.

POOLS - The pools are good running 3 - 16 ft. wide, 1.5 - 4 ft. deep, 4 - 10 ft. long. These are caused primarily by undercut banks and boulders. Three or four are log jam pools. (Frequency 60% pools, 40% rubble)

SHELTER - The shelter is good for the most part, consisting of roots, overhanging plants, undercut banks, and a few logs.

BARRIERS - The culvert under Sir Francis Drake Road ends in a fall of 1.5 ft. The fish seem to be able to jump this. Three or four log jams in the middle section are partial barriers. Other barriers are boulder caused falls in the headwaters. These rock barriers are unimportant due to the uninhabitability of the headwaters (narrow ditch, shallow flow).

DIVERSIONS - No diversions were noted throughout the entire length of the stream.

FOOD - Crane flies, etc.

AQUATIC PLANTS - No aquatic plants were observed throughout the survey.

WINTER CONDITIONS - Flooding conditions unknown.

POLLUTION - No pollution was visible in this survey. The water was crystal-clear surrounded entirely by pasture lands and wooded areas.

FISH PRESENT AND SUCCESS - Silver salmon and steelhead and/or rainbow trout were observed in the stream. Their sizes ranged from 2" - 5". Cottids were also seen. All but the tributary (see map for location) is inaccessible to fish due to insufficient amount of water, steep gradient, and barriers. The main tributary is accessible for one-half mile; falls prevent fish from going further.

FISHING INTENSITY - I assume that there is no fishing since the State Park has posted it against this and the headwaters are on private property, posted against trespass.

OTHER VERTEBRATES - Cows were seen in the pasture areas and frogs and salamanders were observed along the stream.

OTHER RECREATIONAL USE - Other recreational use of this stream is hiking.

ACCESSIBILITY - Sir Francis Drake Road crosses the mouth in Taylor State Park. A dirt road runs beside the creek to the headwaters, but at the present time fallen trees are lying across the road, forming barriers.

ACCURACY OF MAPS - On my map I added several small intermittent tributaries which were not on the topog. map. The number of these and accuracy of positions is approximate.

GENERAL ESTIMATES - RECOMMENDED MANAGEMENT - Devils Gulch Creek provides excellent spawning and nursery area for silver salmon and steelhead and/or rainbow trout. The stream should be managed for this purpose. Removal of the three or four log jams would make it more easily accessible to anadromous fish.

Devils Gulch Creek

Marin County

Total 4 mi of stream
3 mi available to fish



