

State of California

The Resources Agency

Memorandum

To : Fisheries Management
Region 3

Date : October 11, 1976

From : Department of Fish and Game - Menlo Park

Subject: Field Observation: Grand Canyon Creek, Marin County, 15 September, 1976.

On Tuesday, September 15, 1976, selected sections of Grand Canyon Creek were surveyed by Fish and Wildlife Seasonal Aids Maureen Cogger and Ron Curtis. The survey was conducted by car.

A flashboard dam was observed at the private bridge near the Highway 1 crossing. The artificial impoundment serves as a pond for domestic waterfowl belonging to the land owner, but was dry at the time of the survey. The stream, which forms a U-shaped canyon, was also dry in all reaches surveyed. Channel width and depth averaged 10 to 15 feet and 5 to 15 feet, respectively. The dense riparian vegetation was dominated by willow, bay, and buckeye. Bottom composition was about 30% rubble, 40% gravel, 25% sand, and 5% silt. Gravel was compacted, and thus poor spawning conditions are expected.

Glide and riffle habitats seemed most common; a winter water depth of about 3 feet is expected over the riffles.

The stream appears to have direct confluence with Tomales Bay.

Maureen Cogger
Fish and Wildlife Seasonal Aid

MAC:KRA