

Memorandum

To : Files

Date : July 1, 1963

From : Department of Fish and Game

Subject: Weber Creek

Texas Hill Proj.

Observations made July 1, 1963, by Gerstung, Nygren, Strobbelle, and Barker

Stream Survey Data:

(Texas Hill Res)

Station #1, Bridge at upper end of ~~Placerville~~ Ridge Reservoir site. Area accessible by dirt road via Cedar Ravine Road.

Stream flows through canyon heavily wooded with ponderosa pine, Douglas fir, black oak, alder and creek dogwood. The stream averages about 10-15 ft. wide with riffles being more frequent and extensive than pools. The stream is heavily shaded. Riffle bottoms consist largely of 3-6" rubble. Large patches of spawning gravel exist below the bridge. No significant barriers are present below bridge. Stream posted only above bridge. Access permission granted upon request. Bottom fairly clear of silt. Some pools up to 4 ft. in depth.

Some rainbow trout were observed 5-9". Trout are greatly outnumbered by the presence of California roach Hesperleucus Californiacus 2-4" in length. Several specimens were obtained by seining. Large numbers of sucker fry were observed in the shallows and several adults were observed in deeper pools. No trout fry were observed. Bottom insect life is moderately abundant. Stream flow was estimated to be 3.5 c.f.s. and the water temperature was 60° F.

Station #2, Reservoir Site. Coon Hollow Road Crossing water 65° at 1600; air 86°F, flow 3 c.f.s. clear. Many sucker fry and several yearling rainbow observed.

4.67 cfs on Aug 15 water 63° 1100

Dam site off Big Cut Road. Heavily wooded with pine and oak. Some ranches, photos taken.

Rhinegold Creek. At 1130 water low, estimated 0.2 c.f.s., temperature 62°. No fish. Many frogs.

(Texas Hill)

Station #3 Diversion Dam below ~~Placerville~~ Ridge dam site. Stream above dam is good shape. Heavily shaded, clean cobble bottom. Numerous cyprinid fry with larger minnows to 4" probably roach. Stream banks brushy but paralleled by rough foot path. Diversion dam 6 ft. high takes all flow 3.18 c.f.s. other than 0.15 (est.) seepage. About .4 c.f.s. enters Weber Cr. ¼-mile downstream at bridge from roadside ditch paralleling county road. Water 58° at 10 a.m.

Station #4, Gage Station Crossing. Not examined.

Aug 13, 63

Flow 8.99 cfs

73° at 2:22

Station #5; H.40 bridge. Not examined.

Station #6, Missouri Flat Crossing. Not examined.

Station #7, below Cold Springs confluence, flow estimated at 5 c.f.s. Clear, 71° at 1500. Some detergent foam on surface. Lush riparian vegetation and a great profusion of filamentous green algae in water, especially pools. Faster riffles clean enough for spawning. Large squawfish or hardhead 12-20 inches in great abundance. One bluegill observed. Placerville sewage disposal plant discharging semi-treated sewage into Hangtown Creek making water black.

Plant discharging 0.6 million gal. per hour. Water 71° and a turbid grey, est. c.f.s. 1.5. Low DO, high coliform/ Many roach in creek above plant. None below. bacteria.

Cold Springs Creek - $\frac{1}{4}$ c.f.s. est. murky.

Station #8 Weber Creek, Lotus bridge. Clear, est. 3 c.f.s. Bluegill and cyprinids.

Aug 13, 1963 Flow Measurements:

Weber cr at bridge in reservoir site

5.99 cfs