

Memorandum

To : Files

Date : October 10, 1988

From : Department of Fish and Game

Subject: Electrofishing of Daugherty Creek, October 10, 1988

- I. Tom Daugherty, Ted Wooster, and Malcom Pious set up a 100-foot sampling station 20 feet upstream from where Soda Creek enters Daugherty Creek. The station consisted of 60 percent pool, 30 percent riffle, and 10 percent run. Shade canopy was less than 5 percent. A dirt and gravel road reached the upper edge of the station. It appeared to be a watering truck road. This road appears to be the source of some fines in the pool. Above the road, the stream was clear. Gravels throughout were loose. The area has a wide flood plain and does not represent the stereo type coho habitat of "deep, dark, and dense."

First Pass (563 seconds)

Steelhead - 57 mm, 62, 49, 56, 59, 70, 69, 63, 71, 58, 59, 73, 57, 61, 47, 54, 57, 59, 63, 59, 54, 53, 57, 56, 55, 51, 48, 57, 49 Weight - 90 ml (29 steelhead total)

Coho salmon - 65, 62
Weight - 8 ml (2 coho total)

Stickleback - 37, 39, 38
Weight - 15 ml (20 stickleback total)

Lamprey amocetes - one collected
Weight - 1 ml

Second Pass (463 seconds)

Steelhead - 104, 54, 52, 64, 68, 58, 67, 54, 54, 51, 56, 68, 63, 56, 54
Weight - 55 ml (15 steelhead total)

Coho salmon - 60
Weight - 3 ml

Stickleback - 38, 35, 41
Weight - 11 ml (15 sticklebacks total)

Third Pass (395 seconds)

Steelhead - 53, 58, 59, 62, 57, 63

Weight - 14 ml

Coho salmon - 64

Weight - 3 ml

Stickleback - 34, 35, 40

Weight - 10 ml (17 sticklebacks total)

Lamprey amocetes - 92

Weight - 1 ml

Water temperature at 1200 was 56 degrees Fahrenheit, air temperature was 69 degrees Fahrenheit. Bottom type was one percent silt, 34 percent gravel, 60 percent rubble, and 5 percent boulder. Maximum depth of pool was 10 inches.

Stream widths and depths were as follows:

120 inches (7", 6", 1"), 90 inches (2", 4", 0") and,
110 inches (6", 7", 3")

- II. One random pass of two 40-foot pools was made in Daugherty Creek immediately below the mouth of Soda Creek. Recovered were six juvenile coho and 15 juvenile steelhead, as well as one sculpin and two stickleback.



Theodore Wooster
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Region 3