**FISH PATHOLOGIST REPORT**

**Location**
Iron Gate Hatchery

**Date**
June 09, 2009

**Species**
Steelhead fry

**Holding Area**
Hatchery Troughs (2)

**Disease Condition**
Losses have increased slowly and are now around 70 fish per day of 23K fish (0.3% per day). Microscopic evaluation of moribund fish revealed moderate to high amounts of mixed bacteria (Aeromonad/Pseudomonad-type) in lower intestine. No other pathogens were encountered. Some moribund fish had enlarged, ruptured spleens, but no bacterial species were encountered.

**Recommendations**
Treat bacterial infections with oxytetracycline medicated feed (Terramycin®) at a rate of 3.75 g oxytetracycline per 100 lbs of fish per day, for 10 days. This is achieved by feeding the medicated feed at 2% body weight per day if feed contains 2 g oxytetracycline per pound of food (or feed at 1% body weight per day if feed contains 4 g oxytetracycline per pound of food).

**Comments**
Hatchery water temp is 59°F.

It is the responsibility of Iron Gate Fish Hatchery to comply with any applicable water quality discharge regulations while performing these treatments.

**Submitted By**
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