



DEPARTMENT OF FISH AND GAME

Fish Health Laboratory
2111 Nimbus Road
Rancho Cordova, CA 95670
Phone: (916) 358-1479
Fax: (916) 358-2825



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

Mark Clifford, Ph.D., Associate Fish Pathologist, CDFG