FISH PATHOLOGIST REPORT

Location
Iron Gate Hatchery

Species
Klamath River Steelhead (fry)

Date
June 8, 2007

Holding Area
HT 6

Disease Condition
Losses have continued since the last path report (June 6, 2007). Moribund fish are thin, darkened, sticking to screens, some with erratic swimming. Moribund fish have pale gills and livers. With the exception of one fish, no obvious developmental deformities were noted. Dissolved oxygen at outflow was 11 mg/L. Microscopic evaluation of euthanized fish showing sign of distress revealed no external parasites or bacteria on flanks or gills. Internally, no bacteria or parasites were observed in spleens, kidneys, optic nerve, brain or lower intestinal tract. Samples were taken for virology, histopathology, and bacterial cultures (kidney, spleen, brain). Preliminary results from brain cultures suggest systemic bacterial infection. Attempts are being made to identify this bacterium.

Recommendations
Treat the systemic bacterial infection by feeding Terramycin (Oxytetracycline HCL) medicated feed at a rate of 3.75 g Terramycin per 100 lbs of fish per day, for 10 days.

Comments
Temperature is 48°F.

Submitted By:
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