

## FISH PATHOLOGIST REPORT

**Location**  
Iron Gate Hatchery

**Date**  
July 18, 2006

**Species**  
Steelhead fry

**Holding Area**  
Hatchery deep tanks 2 and 5

### Disease Condition

Mortalities of steelhead in the hatchery deep tanks started to climb. There was some erosion of the dorsal fins of these fish ( $\leq 50\%$  erosion). All mortalities had pale, hemorrhagic gills. Microscopic examination of skin and gill scrapes revealed heavy colonization of the gills by cold water disease bacteria (*Flavobacterium psychrophilum*). No parasites were observed. Approximately half of the mortalities had swollen spleens. Spleen squashes from these fish revealed the presence of *F. psychrophilum* within the spleens.

### Recommendations

Treat fish for 14 days with TM medicated feed at a rate of 3.75 grams TM /100 lbs of fish. (Achieved using 2% medicated feed at 2% body weight/day). If fish are being fed at a higher rate give the medicated feed at first morning feed and then use normal feed for the remainder of the day.

### Comments

Water Temp 55-56°F

Antibiotic administered through prescription by Joe Maret, DVM

It is the responsibility of Iron Gate Hatchery to comply with any applicable water quality discharge regulations while carrying out this treatment.