



DEPARTMENT OF FISH AND GAME

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FISH PATHOLOGIST REPORT

Location

Trinity River Hatchery

Species

Fall-run Chinook fingerlings
June release

Date

June 2, 2011

Fish Health Assessment

Twenty fish were randomly selected and assessed for over-all health condition. These fish scored perfectly and appeared in over-all excellent health. The average weight of fish was 4.25 grams and the average length was 75 mm. The average length-weight condition factor was 1.0 (see raw data on accompanying Excel spreadsheet). All fish had seemingly perfect skin, fins, gills, eyes, pseudobranchs, thymus, gastrointestinal tracts (all had food in tract), kidneys, spleens and livers. The average hematocrit (packed blood cell volume) was 48.3% (in acceptable range) and the average plasma protein concentration was 5.1 g/dL (also in acceptable range). The average mesenteric fat score was 1.0 and the average smolt index was 1.0. The overall score 0.0, a perfect score. In conclusion, these fish appear healthy and ready for release.

Comments

Water temp is 46-47°F.

Submitted By: Mark Clifford, Ph.D., Associate Fish Pathologist, CDFG