

## **86. Remote releases of Crystal Lake hatchery production**

Goal was to cause migration patterns through traditional fisheries, and in some cases develop a terminal fishery.

*Ohmer Creek:* Chinook smolts from Crystal Lake Hatchery were released in Ohmer Creek (108-40-10500) in 1984, 1986, 1989, and 1990; returns were evaluated.

*Earl West Cove (Square Cove):* Releases of Crystal Lake chinook in Earl West Cove (107-45)(formerly called Square Cove) have occurred annually since 1986, along with coho releases from Whitman Lake Hatchery (1983, 1986-present), and chums from SSRAA hatcheries (1986- ).

*Sumner Creek:* Coho releases in 1983 and 1984.

## **87. Virginia Lake hatchery production** 107-40 - 10070

Goal was to help meet harvest and production needs in Unit 3. Project was considered a high priority in the Phase II plan because of the abundant water source, the potential large terminal harvest area, and its close proximity to Square Cove (Earl West Cove), where hatchery chinook, coho, and chum had been released for the purpose of obtaining migration, survival, and broodstock development information needed for the proposed Virginia Lake hatchery. A preliminary hatchery permit application was filed with ADF&G by SSRAA in 1984.

## **88. Swan Lake hatchery production** 101-45

Releases from this site would increase production in southern inside waters, but would possibly conflict with natural runs of salmon from the Carroll River (101-45-10780). Water allocation associated with a hydroelectric plant would need to be resolved. (see Carroll Inlet chinook release site)