PROJECT SUMMARY

Project Title: Sharber/Peckham Creek Fish Passage Project

Site Location: The project is located near the town of Salyer, Trinity County, California at the intersection of Peckham Creek, a tributary to the Trinity River, and Fountain Ranch Road/ Quinby Road (former County Road 455); NE1/4, Section 13, T6N R5E, USGS Quad Salyer (MDBM), 40º53'45"N Latitude, 123º33'38"W Longitude. The project will occur about 0.2 miles from the mainstem Trinity River on less than 1 acre of stream corridor along approximately 500 feet of stream. Peckham Creek is a second order stream with a drainage area of approximately 3700 acres. Elevations range from 400ft at the mouth to 3600ft in the headwaters.

Project Description: The purpose of this project is to replace an undersized 48-inch diameter culvert with a 12 foot x14 foot multi-plate arch culvert with an embedded bottom on Peckham Creek. The existing culvert placement is perched from one to three feet above the water surface at the outlet (flow dependent), with virtually no jump-pool below. Under high winter flows, the undersized culvert becomes impassable. The project will remove a migration barrier to Chinook salmon, steelhead trout and Southern Oregon/Northern California Coasts (SONCC) coho salmon (*Oncorhynchus kisutch*), a federally threatened species under the Endangered Species Act (ESA). The project will include temporary removal and exclusion of aquatic species within the project area, temporary water diversion through the project area, removal of the existing culvert, removal and replacement of road fill, and construction and placement of new "fish-friendly" culvert. Monitoring will occur during all phases of the project from pre-construction through post winter two following construction.

Project Performance Measures and Outcomes: This project will restore access to approximately one mile of habitat available to coho within Sharber/Peckham Creek between the mouth and ~5400 feet upstream. Steelhead have been observed up to ~6200 feet where further fish passage is precluded by a waterfall barrier. The larger culvert will also allow for conveyance of flows and bedload transport, thereby increasing quality of spawning habitat downstream.

Project Timeline: Permitting and final designs would begin in September 2013. Initial construction would occur during summer low-flows in mid-summer 2014. The construction phase of the project would be approximately two to three months. Monitoring activities would take place pre-construction, during construction, immediately following construction and after the first two winters following all construction activities.
Year 1: Design, permitting, pre-project monitoring, implementation, construction
Year 2: Monitoring = (Photographs, long profile, juvenile survey, spawning survey)
Year 3: Monitoring = (Photographs, long profile, juvenile survey, spawning survey)

Funding:
State and Federal grant applications are currently being submitted.

Anticipated Overall Project Cost: $249,153