

Data Sharing Plan

The Green Valley Creek Off Channel Winter Refugia Habitat Enhancement Project, implemented by Gold Ridge Resource Conservation District (GRRCD) will generate biological and physical data, including pre and post-implementation information on the number and timing of PIT tagged coho passing by or entering the off-channel habitat and the function and stability of the project as built. Specifically, time and individual PIT tag numbers detected at antenna arrays operated at the project site will be collected. Datasets will provide specifics on juvenile coho salmon use of Green Valley Creek through the project reach and the created off-channel habitat beginning in the fall of the first year funding, prior to the implementation of the project and continuing post-implementation for a minimum of two years. Data will be collected by CA Sea Grant according to the procedures and guidelines in described in UCCE/CA Sea Grant 2012 and Collins 2003, and stored in an Access database managed by CA Sea Grant Extension Program and located on the County of Sonoma's server. Summaries of the data will be available to the public upon request one year after installation of the PIT tag detection system and no later than two years after data collected/created. Physical data about the function and stability of the constructed project including longitudinal and cross sectional survey data will be collected by PCI and GRRCD staff using the USFS General Technical Report guidelines for "Stream Channel Reference Sites: An Illustrated Guide to Field Technique", Harrelson and Rawlins 1994. Photo monitoring and the survival of the planted vegetation will also be monitored and reported using the California Department of Fish and Game Coastal Monitoring and Evaluation Program for Revegetation Treatments (RT), Collins 2007; Kocher and Harris 2005.

Prior experience in publishing such data:

Staff of Gold Ridge RCD, Prunuske Chatham Inc. (PCI) and University of California Cooperative Extension (UCCE) have experience publishing and presenting data of this kind. Examples of such reports can be requested from Gold Ridge RCD and include the monitoring reports produced for the past 5 years of water quality monitoring data in the Estero Americano, Salmon Creek and Green Valley Creek watersheds, as well as the Save Our Salmon effectiveness monitoring report prepared by PCI in December 2012. Contact Sierra Cantor at (707) 823-5244 or sierra@goldridgercd.org for more information or to make a data request.

Examples of past data sharing by UCCE includes:

- Date, time and individual tag numbers of juvenile coho passing over PIT tag antennas operated at the project site
- Migration timing, residence time in off-channel, year-round beginning in October of first year of data collection
- Methods proposed follow the approach described in UCCE/CA Sea Grant 2012 and Collins 2003:

- Collins, Barry W. (editor). 2003. Interim Restoration Effectiveness and Validation Monitoring Protocols, California Coastal Salmonid Restoration Monitoring and Evaluation Program. March 2003, p. 320. California Department of Fish and Game, Fortuna, California.
- University of California Cooperative Extension and California Sea Grant. 2012. Recovery Monitoring of Endangered Coho Salmon in the Russian River: Final Report for US Army Corps of Engineers Contract W912P7-10-C-0011, March 2012. Santa Rosa, CA.
- Raw data files will be converted to Excel and error checked for QAQC and then linked into a CA Sea Grant database that houses all PIT tag data for the Russian River watershed. All data is stored and backed up on the County of Sonoma server.
- Summaries of our data will be accessible to the public on the CA Sea Grant Extension website, and specific data will be available upon request by contacting Mariska Obedzinski at mobedzinski@ucsd.edu or 707 565-2621
- Data summaries for the first winter will be available one year after installation and operation of the PIT tag detection system in October. For subsequent years, data will be available each October.