

Central CA Coast Coho ~ DeHaven Creek

ACTIONS FOR RESTORING HABITATS

Watershed Process

- 26.1. **Objective:** Address the present or threatened destruction, modification, or curtailment of the species habitat or range.
- 26.1.1. **Recovery Action:** Protect watershed processes.
- 26.1.1.1. **Action Step:** Identify and remediate upslope sediment sources that result in high rates of sedimentation and turbidity to levels commensurate with historical conditions.
 - 26.1.1.2. **Action Step:** Implement restoration actions to improve summer and winter rearing habitats. Actions should include large woody material augmentation to create complex pool habitats, enhancement and creation of alcoves and off-channel habitats for velocity refuge, and estuarine enhancement.
 - 26.1.1.3. **Action Step:** Address all water diversions (permitted and illegal) to ensure bypass flows are fully protective of all life stages for all water years (including critically dry years).
 - 26.1.1.4. **Action Step:** Work with counties to discourage rezoning of forestlands to agricultural (e.g., vineyards) or rural residential landuses.
 - 26.1.1.5. **Action Step:** Protect and enhance streamsides with buffers including buffers on non-fishbearing and ephemeral streams, to promote properly functioning processes of riparian areas, water flow and sediment control.
 - 26.1.1.6. **Action Step:** Work with regulatory agencies and landowners to discourage marijuana cultivation and/or control riparian removal, water use and toxic inputs known to have adverse effects to coho salmon stream habitats.
 - 26.1.1.7. **Action Step:** Hydrologically disconnect roads, and avoid new road construction that would impact spawning and rearing habitats.
 - 26.1.1.8. **Action Step:** Conduct outreach to landowners regarding the status of CCC coho salmon and assist them in the adoption of best management practices to reduce impacts to coho salmon and their habitat.
 - 26.1.1.9. **Action Step:** Discourage stream channel alterations that reduce habitat availability, channelize streams, and/or permanently disrupt the natural successional processes (e.g., let trees age and die) in riparian zones.

26.1.1.10. **Action Step:** Where coho salmon are extirpated and habitat and stream flows are adequate, reintroduce coho salmon to watersheds using appropriate genetic stocks. Reintroduced populations should be monitored to evaluate effectiveness of reintroduction efforts.