



Salmonid Restoration Federation

Central Coast Field School

*Culvert and Road Drainage Practices to Protect
and Benefit Salmon and Steelhead
In the Central Coast Region*

October 18-22, 2004

Arroyo Grande, California

Course Instructors:

Bill Weaver and Danny Hagans
Pacific Watershed Associates

The course will include several sessions in the field. At a minimum the following topics and examples will be

- 1) *Proper ditch relief and stream crossing culvert installation, with and without downspouts, flared.*
- 2) *Proper installation of critical rolling dips or measures to eliminate stream*
- 3) *Classroom and field to determine appropriate culvert sizing for peak stream flows, sediment and transport,*
- 4) *Proper or addressing potential road fill and landing failures, as well as spoil disposal*
- 5) *Illustrate a variety of ed and ditch drainage approaches. These include when, where and how to convert ditched roads to outsloped th or without a ditch, when, where and how to construct rolling dips with rock, and when, where and how to f berms along*
- 6) *How to properly excavate a stream crossing fill to minimize post excavation erosion and streams,*
- 7) *How to reduce roadbed width on excessively wide segments*

Course cost: \$100 (fees are -refundable)

Includes lodging for October 18-20, and class materials.

Class will begin Monday at 12 noon and end Friday at 12 noon. Space is limited to 30 participants.

To register for the field school, complete the following

Name _____	Position _____
Organization _____	Email _____
Address _____	City/Zip: _____
Phone: _____	Fax: _____

Submit with payment to: CCSE: PO Box 277, Avila Beach CA 93424 (Checks

For more information contact Central Coast Salmon Enhancement 738221 (Scholarships are

Sponsored by: California

Fish and Game Coastal Salmon Recovery