

National Marine Fisheries Service

Central Valley Research Needs

CV Research Priorities

- 1) Steelhead monitoring & population estimates
- 2) Fish passage feasibility studies around dams
- 3) Green sturgeon monitoring & population estimates

Knowledge Gaps

- Sacramento River mainstem spring-run Chinook salmon – Do they still exist?
- Downstream smolt monitoring from Red Bluff Dam to Verona (the black hole)
- Through Delta salmon & steelhead survival (*i.e.*, DCC to pumps)
- Mortality due to in river sport harvest
- Minimum flow needs for salmonids

Solutions

- Implement Steelhead Monitoring Plan
- Feasibility Study that determines the most likely fish passage at CVP & SWP dams
- Use of ACID fish ladders to monitor for spring-run Chinook in upper Sacramento R combined with genetic assessment
- New studies through Calfed Science PSP & ERP directed actions will help with unknown life history info. (ongoing)