

Project Description for EPA/USFWS Alternative (Alternative #3)

Components:

- (1) Old River at Head barrier (fall installation only)
- (2) Increased flows on the San Joaquin River
- (3) Modification of CVP/SWP exports
- (4) Consolidation of agricultural diversions in South Delta Water Agency service area
- (5) Extension of agricultural diversions with dredging as needed
- (6) Fish Screens on all modified diversions
- (7) Improvements to John Skinner Fish Facilities

- (1) **Old River at Head barrier (fall installation only)** - Continue installation of temporary rock barrier at Head of Old River upon request by the Department of Fish and Game
- (2) **Increased flows on San Joaquin River** - Flow requirements at Vernalis as per the December 15 Accord.
- (3) **Modification of CVP/SWP exports** - CVP/SWP pumping limits as per December 15 Accord except during April 15- May 15 period when allowable project exports are reduced to no greater than 50% of Vernalis flow (current requirement is no greater than 100% of Vernalis flow).
- (4) **Consolidation of agricultural diversions in South Delta Water Agency service area, extension of agricultural diversions with dredging as needed** - Two alternative scopes of diversion modifications are proposed for consideration.
The first scenario is limited only to diversions between Paradise Cut and Old River east of Grant Line Canal. There are 28 total diversions in this reach, 8 diversions would be consolidated and 10 diversions would be extended and dredged. 10 diversions in this reach would not be modified.
The second scenario considers all of the diversions above and adds diversions on Middle River south of North Canal and Old River south of Grant Line Canal. There are 110 total diversion in this reach, 38 diversions would be consolidated and 50 diversions would be extended and dredged. 22 diversions would not be modified..
- (5) **Fish Screens on all modified diversions** - All modified diversions would be fitted with fish screening facilities. Costs of the fish screens will be determined in coordination with the Department of Fish and Game but are presently estimated at \$2000/cfs for each diversion facility.
- (6) **Improvements to John Skinner Fish Facilities** - The proposed improvements have not yet been identified. DWR will develop a specific proposal in consultation with the U.S. Fish and Wildlife Service.