

Changes to the 1995 Water Quality Control Plan Program of Implementation

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1995 Water Quality Control Plan Program of Implementation

- **Implementation Measures within SWRCB Authority**
- **Implementation Measures Requiring SWRCB and Multi-Agency Cooperation**
- **Recommendations to Improve Habitat Conditions**
- **Monitoring and Special Studies Program**

Implementation Measures within SWRCB Water Rights Authority

1995 Program of Implementation

- Decision 1641 has implemented many of the water quality objectives. Many are the responsibility of DWR and Reclamation
- Excluded the south Delta salinity objective for agriculture because requires other agency cooperation

Proposed Change

- Exclude Pumping Plant #1 chloride objectives because requires other agency cooperation

Implementation Measures within SWRCB Water Quality Authority

1995 Program of Implementation

- Use Clean Water Act section 401 water quality certification authority during FERC licensing activities
- DWR to submit 401 certification application in 2006
- Operations to meet DWR Delta water rights requirements assumed in project description

Proposed Change

- No changes proposed

Implementation Measures Requiring SWRCB and Multi-Agency Cooperation

1995 Program of Implementation

- Dissolved Oxygen
- Salmon Narrative
- Suisun Marsh
- Southern Delta Agricultural Salinity

Proposed Additions

- Pumping Plant #1 Municipal Chlorides
- San Joaquin River Fish Flow (VAMP)

Implementation Measures Requiring SWRCB and Multi-Agency Cooperation

Dissolved Oxygen

- Control of local discharges - RWQCB
- Demonstration aeration system - DWR & CBDA
- Permanent barrier at the head of Old River – DWR & CBDA

Salmon Narrative

- Reflect recent activities by other agencies

Suisun Marsh

- Multi-agency effort to develop a management and restoration plan for the Suisun Marsh and nearby brackish tidal wetlands by June, 2006

Implementation Measures Requiring SWRCB and Multi-Agency Cooperation

Southern Delta Agricultural Salinity

- Update description of San Joaquin Valley Drainage Program activities
- Recognize importance of the permanent operable barriers to control salinity in the south Delta
- Modify to be consistent with D-1641
- Change the effective date of the 0.7 EC salinity objective at Brandt Bridge, Old River near Middle River, and Old River at Tracy Road Bridge
- Consider SWRCB evaluation of alternative salinity objectives for agricultural needs

Implementation Measures Requiring SWRCB and Multi-Agency Cooperation

Rock Slough Municipal Chlorides

- **Recognize DWR & Reclamation unable to meet objectives under some CCWD operations**
- **Establish an alternative compliance location and objective in Old River at Holland Tract to use during these CCWD operations**
- **Identify the need to reduce Veale Tract drainage discharges and line Contra Costa Canal to implement these objectives**

Implementation Measures Requiring SWRCB and Multi-Agency Cooperation

San Joaquin River Fish Flow (VAMP)

- Recognize the phased implementation of the Vernalis pulse flow objective
- Phase I consists of the current VAMP experimental flow assessment
- Phase II will occur after analysis of VAMP results & subsequent water right hearing

Recommendations to Improve Habitat Conditions

- Identifies 14 types of measures to improve habitat conditions to improve fish and wildlife benefits
- DWR's written presentation summarizes what DWR has done in each of these

Monitoring and Special Studies Program

- **Adopt previously proposed amendments to Table 4 and Figure 2**
 - Improve the scientific basis for the monitoring
 - Improve monitoring efficiency by consolidating neighboring stations
 - Improve safety
- **Add a compliance monitoring station in Old River at Holland Tract to Table 4 and Figure 2**
 - Footnote to make it effective subject to approval through a water rights hearing