

ROC ON LTO

Peer Review Draft: Delta Smelt Effects Analyses and Critical Habitat Analyses

April 12, 2019

Included in Peer Review Package

- Consultation History
- Consultation Approach and Proposed Action
- Environmental Baseline/Status of the Species/ Status of Critical Habitat
- Delta Smelt Effects Analysis
- Effects to Critical Habitat Analysis
- Cumulative Effects
- Literature Cited
- Appendices to the effects analysis

Also transmitted to Peer Review Panel

- January 31, 2019 BA
- BA Chapter 4- redlined version
- 2017 Fall X2 Reinitiation Package
- 2018 Suisun Marsh Salinity Control Gate material

Peer Review Process

- 3 person panel
- Conference call between peer reviewers
- Conference call between peer reviewers and Service if needed
- Reviews due April 26, 2019

Delta Smelt Effects Analysis

- Entrainment
 - OMR Management Actions
 - Integrated Early Winter Protection
 - Turbidity bridge avoidance
- Other Delta Operations
 - DCC, Water transfers, temp barriers, etc
- Summer- Fall Habitat Action
- Non-Operational Actions
- Pending Analyses
 - Adult Predation
 - Larval and Early Juvenile Predation
 - Larval and Juvenile Entrainment

Critical Habitat Analysis

- Critical Habitat Analysis Framework:
 - 1) PCE 2 (Water quality)-all life stages
 - Sediment load
 - Food availability
 - 2) Larval and Juvenile transport
 - PCE 3-River flow
 - 3) Rearing habitat
 - PCE 1-Physical habitat
 - PCE 4-Salinity
 - 4) Adult migration
 - PCE 3-River flow

Still to Come

- Aggregate Effects Analysis
- Conclusions
- Incidental Take Statement
- Terrestrial species analysis

Reclamation/DWR Review

- FWS providing drafts today to Reclamation and DWR
- Comments are requested by April 26
- PWA comments should be sent to Reclamation

Questions?

