

ROC on LTO
Action Uncertainties for Adaptive Management
March 19, 2019

1. Shasta Cold Water Temperature Management
 - a. Cold Water Management Tools: Strategies for building storage
 - b. Tier 2 and Tier 2 Management: Application of the Anderson Model
 - c. Tier 4: Intervention Strategies
 - i. Expanded use of the Livingston Stone
 - ii. Adult and Juvenile trap and haul
2. Operations with Shasta Dam Raise
 - a. Flow changes that could affect the frequency, duration and magnitude of floodplain inundation
 - b. How the future operations may affect 4 tiers of Cold Water Pool Management
 - c. Allocation of water across resource needs and water demands
3. Efficacy of Spring SJ Steelhead Protection Measures through OMR
4. OMR
 - a. Use of population-based triggers for steelhead and spring-run
 - b. Effects of WIIN integration on listed fish
5. Bay-Delta Habitat Restoration and Population Level Response
6. Fall X2 integration
7. Operations of Tracy and Skinner Fish Facilities: No defined operational procedures