

Appendix F4 Overview: Modeled Scenarios Used to Evaluate Potential Impacts of the Proposed Project/Action and Alternatives

| Statute | Base Scenarios | | Compared Scenarios | | Purpose of Comparison |
|--------------|----------------|--|--------------------|---|---|
| CEQA | Scenario 1 | CEQA Existing Condition | Scenario 3 | CEQA Yuba Accord Alternative (Proposed Project Alternative) | To evaluate potential impacts of the Proposed Project and Alternatives scenarios, relative to the Existing Condition |
| | | | Scenario 4 | CEQA Modified Flow Alternative | |
| | | | Scenario 2 | CEQA No Project Alternative | |
| | Scenario 1 | CEQA Existing Condition | Scenario 8 | Yuba Accord Alternative Cumulative Condition | To evaluate potential cumulative impacts, relative to the Existing Condition |
| | Scenario 5* | NEPA/CEQA Cumulative Without Project Condition | Scenario 8 | Yuba Accord Alternative Cumulative Condition | To evaluate the incremental contribution of the Proposed Project to the overall potential cumulative impacts |
| Water Rights | Scenario 2 | CEQA No Project Alternative | Scenario 3 | CEQA Yuba Accord Alternative (Proposed Action Alternative) | To evaluate potential impacts of the SWRCB action. |
| | | | Scenario 4 | CEQA Modified Flow Alternative | |
| NEPA | Scenario 5 | NEPA No Action Alternative | Scenario 6 | NEPA Yuba Accord Alternative (Proposed Action Alternative) | To evaluate potential impacts of the Proposed Action and Alternatives, relative to the No Action Alternative |
| | | | Scenario 7 | NEPA Modified Flow Alternative | |
| | Scenario 5* | NEPA/CEQA Cumulative Without Project Condition | Scenario 8 | Yuba Accord Alternative Cumulative Condition | To evaluate potential cumulative impacts and the incremental contribution of the Proposed Action and Alternatives to the overall cumulative impacts |
| | | | Scenario 9 | Modified Flow Alternative Cumulative Condition | |

* For modeling purposes, both the NEPA and CEQA "Cumulative Without Project Condition" is the same as the NEPA No Action Alternative and, thus, Scenario 5 is used to characterize each of these simulations (see Appendix D).