



















| 1 | Rea | ch 4B | Initia | l Cond | cepts |
|--------------------------------------|--|--|---|---|--|
| Channel/ Structure | Initial Concept 1 Main Channel Restoration | Initial Concept 2 Bypass Restoration | Initial Concept 3 Bypass All Pulse Flows | Initial Concept 4 Split Pulse Flows and Restore Both | Initial Concept 5 Split Pulse Flows and Isolate River |
| San Joaquin River Flows | Up to 4,500 cfs (all Restoration Flows) | At least 475 cfs of Flood Flows | Restoration Flows of at least 475 cfs | Base and fall pulse flows; some spring pulse flows | Base and fall pulse flows; some spring pulse flows |
| Bypass System Flows | Flood flows greater than 4,500 cfs | All flows up to capacity | Flow greater than 475 cfs | Flow greater than Reach 4B capacity | Flow greater than Reach 4B capacity |
| Fish Routing | SJR | Eastside Bypass Reach 2, Mariposa Bypass | SJR, Eastside Bypass Reaches 2 and 3 | SJR, Eastside Bypass Reach 2, Mariposa Bypass | SJR |
| Habitat | SJR | Bypass | SJR and Bypass | SJR and Bypass | SJR |
| Reach 4B Headgates | Remove Headgate | Simple Gate | Construct gates and ladders with multi-level fish ladder entrances | Construct gates and ladders with multi-level fish ladder entrances | Construct gates and ladders with multi- level fish ladder entrances; fish screen at Sand Slough |
| Eastside Bypass Control Structure | No Change | No Change | Fish Passage | No Change | No Change |
| Mariposa Bypass Control Structure | No Change | Notch Center Bays | No Change | Notch Center Bays | No Change |
| Mariposa Drop Structure | No Change | Remove Drop Structure | No Change | Fish Passage | No Change |





















































| Reach 4B Schedule | | | | | | | |
|-------------------|-------------------------------|--------------------------------|--|--|--|--|--|
| | Title | Date | | | | | |
| | Formulate Alternatives | June to November 2011 | | | | | |
| | Initial Alternatives TM | October 2011 | | | | | |
| | Evaluate Alternatives | October/November 2011 | | | | | |
| | Draft Project Description | December 2011 | | | | | |
| | Draft EIS/R for Public Review | June 2012 | | | | | |
| | Final EIS/R for Public Review | March 2013 | | | | | |
| | ROD/NOD/Findings | June 2013 | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | Draft for Discussion Purpose | es Only. Subject to Change. 38 | | | | | |











