

Appendix A: Assumptions and Guidelines

Assumptions identify structures, infrastructure and operations to be taken into account during the study. Guidelines apply to the working process of the study.

Table A-1: Assumptions	
Angeles National Forest	The Angeles National Forest will remain a National Forest
Raymond Basin	The Arroyo Seco will continue to supply <u>at least the same amount of</u> water to the Raymond Basin. The project team will identify whether there are legal/regulatory requirements for water to be released into the stream for habitat purposes <u>as well as ways to improve local retention.</u>
Devil's Gate Dam	The dam will remain in service for at least 30 years
Jet Propulsion Laboratory	JPL will remain in operation at its current site for at least 30 years.
Rose Bowl	The historic Rose Bowl will remain in place for at least 30 years.
Freeways	The 210, 134 and 5 freeways will remain in service for at least 30 years. The major bridge structures of the 210 near Devil's Gate Dam, the 134 near the Colorado Street Bridge and the 5 near the confluence of the Arroyo Seco and the Los Angeles River will remain in place.
Arroyo Seco Parkway	The historic parkway will remain in service for at least 30 years. Historic elements will be restored.
Historic Bridges	Historic bridges along the Arroyo will remain in place. As many of these structures were designed and constructed prior to the channelization of the Arroyo Seco, it is anticipated that their structural integrity will not be jeopardized by additional flood risks resulting from watershed restoration.
Blue Line Light Rail	The Los Angeles to Pasadena light rail line will be constructed along the presently-defined right-of-way and will be opened for service in 2002. The trestle light rail bridge across the Arroyo will remain in place.
Union Pacific Rail Line at Los Angeles River	The rail line on the east bank of the river will remain in service for approximately 20 years. The maintenance yard at Taylor Yard will be closed within ten years and become a park.
Public Park Land	Existing publicly owned parkland will remain in public ownership.

Table A-2: Guidelines	
Implementation	The recommendations of this study are intended to be implemented within the next 25 years.
Design Storm	Design shall be based on the LACDPW Capital Storm. Relevant US Army Corps 100-year storm and FEMA criteria shall be taken into account.
Flood Protection	Proposals and recommendations shall not result in any reduction in flood hazard protection for private properties at any phase or along any reach of the Arroyo, as compared with existing conditions. When full implementation is achieved, overall flood protection shall be improved.
Private Property	While the study may recommend acquisition of private property for flood protection, habitat restoration, recreation or other public purposes, no recommended acquisition shall be by means of eminent domain.