Pros and Cons of Monterey Dam Removal

Ecology

Pros	Cons
More natural habitat above the dam	Short term impacts of sediment release downstream
More natural fishery in impoundment	Short term impacts associated with disturbance around construction
Mosquitos?	
More wildlife	
Restore riparian wildlife habitat and vegetated buffers	
Reestablish hard substrate for macroinvertebrate colonization	
Restore fish and mussel passage from downstream of dam to upstream reach and tributary	
Restore habitat for freshwater mussels	
Fewer carp upstream of dam	

Water Quality

Pros	Cons
Increase dissolved oxygen, lower turbidity, and decrease temperature upstream of dam	Short term increase in turbidity in the downstream reach due to construction and sediment evacuation
If new riparian area is converted to natural vegetation it will serve as a vegetated buffer between urban land uses and water (and dissuade geese)	
Opportunity for stormwater treatment wetland/pond in embayment area?	

Fishing and Recreation

Pros	Cons
Expand fishable river habitat up through the restored river section (decrease angler congestion at dam)	Fish will no longer stack up downstream of the dam (but they can't get very far before hitting Centerway)
Increase access to spawning areas for fish downstream of the dam	
New river paddling opportunities	
Opportunities for wildlife viewing along trails in new riparian area	
New park space	

Economic

Pros	Cons
Change in economic activity associated with changes in river recreation opportunities	
Available grant funding for dam removal allows more investment in restoration for same cost to the City of repair	
Increased fishing opportunities and other programming	
No future maintenance of dam	Future maintenance of new facilities

Aesthetic

Pros	Cons
Gain flowing river but lose large flat water	
Road is further from and less visible from the water	Water is further from and less visible from road
Elimination of concrete sloped walls	
Reduced geese on trails	
Existing trails will have enhanced view	