Standard Checklist

Name of Riparian - Wetland Area: Carmel River Watershed - San Clemente Dam Area

Date: 6/30/04 Segment/Reach ID: 24-Carmel River just above San Clemente

Dam

Miles: Acres: Coordinates: Begin 5764962 E 2053026 N

End 5763813 E 2048023 N

ID Team Observers: Thomas Christensen and Paul Watters

Yes	No	N/A	HYDROLOGY			
		X	1) Floodplain above bankfull is inundated in "relatively frequent" events			
		X	2) Where beaver dams are present they are active and stable			
	X		3) Sinuosity, width/depth ratio, and gradient are in balance with the landscape setting (i.e., landform, geology, and bioclimatic region)			
	X		4) Riparian-wetland area is widening or has achieved potential extent			
X			5) Upland watershed is not contributing to riparian-wetland degradation			

Yes	No	N/A	VEGETATION			
	X		6) There is diverse age-class distribution of riparian-wetland vegetation (recruitment			
			for maintenance/recovery)			
X			7) There is diverse composition of riparian-wetland vegetation (for			
			maintenance/recovery)			
	X		8) Species present indicate maintenance of riparian-wetland vegetation (for			
			maintenance/recovery)			
	X		9) Streambank vegetation is comprised of those plants or plant communities that			
			have root masses capable of withstanding high-streamflow events			
	X		10) Riparian-wetland plants exhibit high vigor			
	X		11) Adequate riparian-wetland vegetative cover is present to protect banks and			
			dissipate energy during high flows			
X			12) Plant communities are an adequate source of coarse and/or large woody material			
			(for maintenance/recovery)			

Yes	No	N/A	EROSION/DEPOSITION			
	X		13) Floodplain and channel characteristics (i.e., rocks, overflow channels, coarse			
			and/or large woody material) are adequate to dissipate energy			
	X		14) Point bars are revegetating with riparian-wetland vegetation			
	X		15) Lateral stream movement is associated with natural sinuosity			
	X		16) System is vertically stable			
	X		17) Stream is in balance with the water and sediment being supplied by the			
			watershed (i.e., no excessive erosion or deposition)			

Remarks

San Clemente Dam is almost completely filled in with sediment. Reservoir drawdown in
the spring required by the Department of Safety of Dams has caused the Carmel River to
down cut through the sediment plain behind the dam. This has led to loss of riparian
vegetation and the destabilization of banks for approximately a half mile upstream of San
Clemente Dam

Su	ımmary	Determi	nation	
Functional Rating:				
Proper Functioning Conditi Functional – At R Nonfunction Unknow	isk nal	<u>X</u>	.	
Trend for Functional – At Risk:				
Upw Downw Not Appar	ard			
Are factors contributing to unaccep	otable co	onditions	outside the control of	f the manager?
	Yes No	<u>X</u>		
If yes, what are those factors?				
Flow regulations Mining a Channelization Road end	croachme	ent	Oil field water di	scharge

