Standard Checklist

Name of Riparian - Wetland Area: Carmel River Watershed - Schulte Bridge Area

Date: 6/25/04 Segment/Reach ID: 10-Carmel River just downstream of Fran's

old house

Miles: Acres: Coordinates: Begin 5726657 E 2086739 N

End 5727801 E 2087659 N

ID Team Observers: Thomas Christensen, Larry Hampson, 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

Primary riparian vegetation includes: black cottonwoods, red and arroyo willows, white
alders, and western sycamore. This section received a functional at risk rating because
there was a thin band of riparian vegetation that could fail in a high flow.

This area is also impacted by groundwater extraction by Cal-Am's Pierce Well.

save as used and property of Bernary used	
Summary I	Determination
Functional Rating:	
Proper Functioning Condition	
Functional – At Risk	<u>X</u>
Nonfunctional	
Unknown	
Trend for Functional – At Risk:	
Upward	
Downward	
Not Apparent	
Are factors contributing to unacceptable con	nditions outside the control of the manager?
Yes	
	<u>X</u>
If yes, what are those factors?	
	Upstream channel conditions
Channelization Road encroachme	ent Oil field water discharge
Augmented flows Other (specify)	

