Standard Checklist

Name of Riparian-Wetland Area: Tularcitos Creek

Date: August 27, 2004 Segment/Reach ID: Reach 5 PFC 901

Miles:_____ Elevation:_____ GPS: N 36, 27. 718' W 121, 42. 611'

ID Team Observers: Clive Sanders, Danica Zupic Time:_____

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 soil moisture characteristics
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)

Summary Determination

Functional Rating:

Proper Functioning Condition	☒
Functional—At Risk	☐
Nonfunctional	☐
Unknown	☐

Trend for Functional—At Risk:

Upward	☐
Downward	☐
Not Apparent	☐

Are factors contributing to unacceptable conditions outside the control of the manager?

Yes	☐
No	☐

If **yes, what are those factors?**

☐ Flow regulations	☐ Mining activities	☐ Upstream channel conditions
☐ Channelization	☐ Road encroachment	☐ Oil field water discharge
☐ Augmented flows	☐ Other (specify)_____	

Picture 1

Picture 2

Picture 3

Picture 4

Remarks

This reach begins at power pole 488 on Carmel Valley Road. The riparian habitat throughout this reach is very lush. There is a diversity of large mature trees: Laurels, Alders, Sycamores, Cottonwoods, Buckeyes, Willows and their recruits. There is plenty of poison oak, and blackberries to serve as a ground cover. This reach had no urban influence on it. (See Pictures 1, 2 and 6)

The beginning of the reach was wet with seepage, there is a strong presence of sedges and grasses (See Picture 1). The majority of the reach was dry. There are plenty of rocks, cobbles and gravels for good spawning habitat (See Picture 2).

Several large logjams were encountered, evidencing both the presence of LWD and its sources (See Pictures 3, 4 and 9). There are several accessible floodplains that aid in dissipating energy.

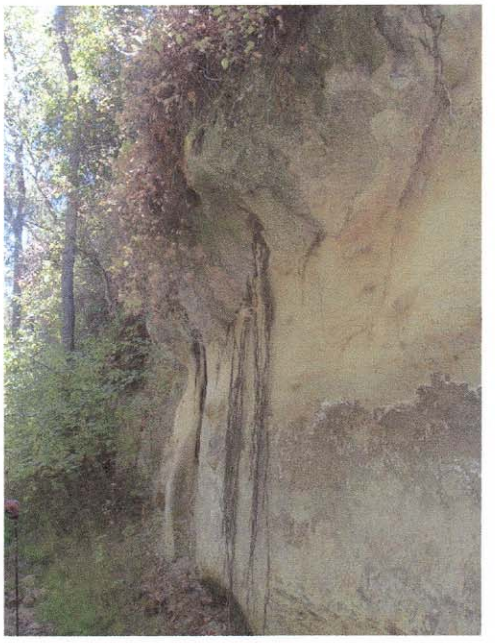
There are a few large sandstone outcrops that are naturally eroding (See Pictures 5, 6 and 7).

There are two old cars in the creek bed (See Picture 8).

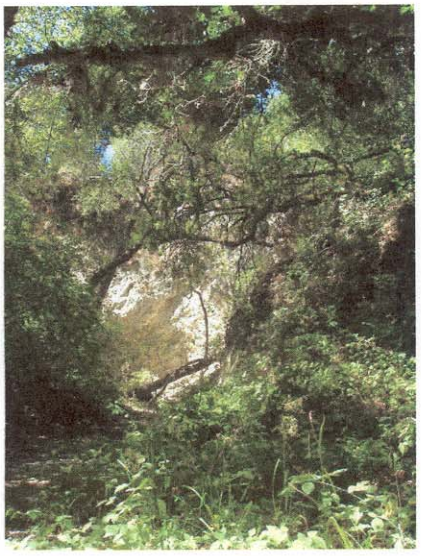
This reach ended at the Confluence with the Carmel River (See Picture 9) at N36, 27.922 W121, 42.873. (The river was cloudy from turbidity)

Checklist Comments

None - The System is in PFC



Picture 5



Picture 6

Picture 9

Picture 7

Picture 8