

Standard Checklist

Name of Riparian-Wetland Area: Cachagua Creek

Date: July 12, 2004

Segment/Reach ID: 8

PFC 408

Miles: _____ Elevation: 1,163 GPS: N 36, 23. 538' W 121, 37. 002'

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

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

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

Yes	No	N/A	EROSION/DEPOSITION
<input checked="" type="checkbox"/>	<input type="checkbox"/>		13) Floodplain and channel characteristics (i.e., rocks, overflow channels, coarse and/or large woody material) are adequate to dissipate energy
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	14) Point bars are revegetating with riparian-wetland vegetation
<input checked="" type="checkbox"/>	<input type="checkbox"/>		15) Lateral stream movement is associated with natural sinuosity
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	16) System is vertically stable
<input checked="" type="checkbox"/>	<input type="checkbox"/>		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	<input checked="" type="checkbox"/>
Functional—At Risk	<input type="checkbox"/>
Nonfunctional	<input type="checkbox"/>
Unknown	<input type="checkbox"/>

Trend for Functional—At Risk:

Upward	<input type="checkbox"/>
Downward	<input type="checkbox"/>
Not Apparent	<input type="checkbox"/>

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

Yes	<input type="checkbox"/>
No	<input checked="" type="checkbox"/>

If yes, what are those factors?

<input type="checkbox"/> Flow regulations	<input type="checkbox"/> Mining activities	<input type="checkbox"/> Upstream channel conditions
<input type="checkbox"/> Channelization	<input type="checkbox"/> Road encroachment	<input type="checkbox"/> Oil field water discharge
<input type="checkbox"/> Augmented flows	<input type="checkbox"/> Other (specify) _____	



Picture 1

Remarks

This reach began at a wooden footbridge leading to a private residence at GPS: N36, 23.538, W121, 37.002.

There is a dirt ford across the creek immediately following the wooden footbridge (see picture 1).

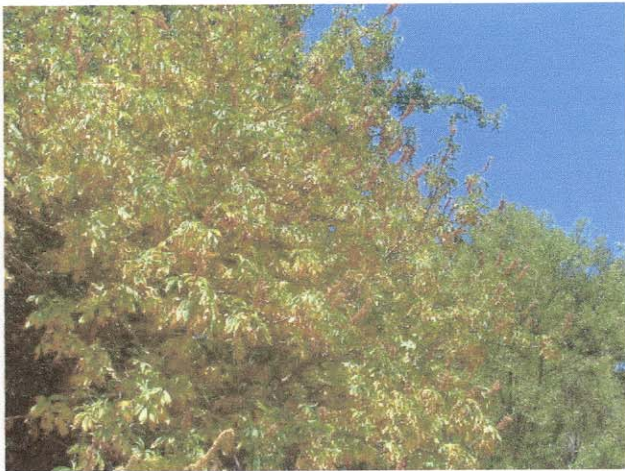
There are several sites of small sediment deposits, and one eroding hillside that may contribute sediment and small pebbles into creek.

Although most of the vegetation is diverse in composition and age-class, there is one stretch lacking riparian-wetland species. The few riparian-wetland species in this particular area (such as buckeyes) do not exhibit high vigor (see picture 2).

There is a wooden bridge on a private drive near mile marker 8.5 on Cachagua Road. This supports of this bridge are undercut.

The vegetation after the bridge thickens to the point of inhibiting passage.

The reach ended at the private bridge, at GPS: N36, 23.499, W121, 37.175,



Picture 2

Checklist Comments

#8,10 There is an arid stretch with yellowing buckeyes and a predominance of upland species that exhibits all the normal characteristics of de-watering (picture 2).