

Standard Checklist

Name of Riparian-Wetland Area: Conejo Creek

Date: July 21, 2004 Segment/Reach ID: Reach 3 PFC 151

Miles: _____ Elevation: _____ GPS: N 36, 23. 694' W 121, 34. 780'

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

Yes	No	N/A	HYDROLOGY
<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" 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"/>		16) System is vertically stable
<input type="checkbox"/>	<input checked="" 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
Functional—At Risk
Nonfunctional
Unknown

<input type="checkbox"/>
<input checked="" type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

Trend for Functional—At Risk:

Upward
Downward
Not Apparent

<input type="checkbox"/>
<input checked="" type="checkbox"/>
<input type="checkbox"/>

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

Yes
No

<input checked="" type="checkbox"/>
<input 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

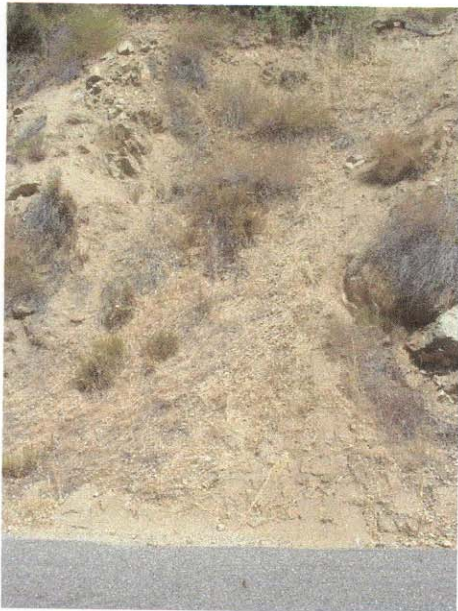
Remarks

This reach begins near the residences off of Tassajara Rd. at GPS N 36,23.694 W121, 34.780 and ends at the confluence with the Cachagua creek. Most of this reach was assessed from the Tassajara Rd. as it was too overgrown and the banks were too steep to navigate the creek, the creek bed was observed first hand wherever possible (See Picture 1). This creek is very incised.

The riparian vegetation is abundant and diverse in both its age-class and composition. There are alders, buckeyes and laurels present and in abundance. There are also sedges and grasses in parts of this reach.

The banks of the creek were extremely steep, sometimes inhibiting plant growth. Undercutting was observed on a few of the banks but it did not seem unnatural or accelerated.

The upland hillsides by the road are severely eroding in several places with much of the sediment eroded pushed to the creek side of the road (See Pictures 2, 3 and 4). The creek bed in this reach has so much sediment that the bed is covered in several inches of mud and no cobbles or rocks are visible.



Picture 2

There are three culverts leading under the road and two pumps in this reach (See Pictures 5,6 and 7).

One pump and well are at GPS N 36,23.54 W 121,35.49 (See Picture 5).

One smaller 12" culvert is at the base of a small land slide, across from a severely eroding bank with several dirt pushes nearby.
GPS N 36, 23.57 W121,35.34

Another pump was at GPS N 36, 23.64 W 121, 35.17 (See Picture 6)

End at Confluence with Cachagua creek near Bridge 532 at GPS N 36,23.457 W 121,35.733

Checklist Comments

#5, 17 The uplands are eroding severely where the road cut occurred and much of the excess sediment on the road has been pushed into the ravine along the creek. There is excessive erosion and deposition observed in the creek. This creek runs directly into the Cachagua creek so the eroding uplands are very likely major sediment contributors to the Cachagua Creek.

#8, 10 There were some stressed alders and buckeyes near a well and pump.



Picture 3



Picture 4



Picture 5



Picture 6



Picture 7