

Standard Checklist

Name of Riparian-Wetland Area: Tularcitos Creek

Date: September 2, 2004 Segment/Reach ID: Reach 4 PFC 902

Miles: _____ Elevation: _____ GPS: N 36, 26. 881' W 121, 41. 040'

ID Team Observers: Clive Sanders, Danica Zupic 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
Functional—At Risk
Nonfunctional
Unknown

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

Trend for Functional—At Risk:

Upward
Downward
Not Apparent

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

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

Yes
No

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

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 where the road diverges from the creek. The very top was inaccessible due to very dense vegetation and tree limbs in the creek. The creek was walked from N36, 27.159 W121, 41.800, at this site is a pump and a functioning dirt ford that crosses the creek (See Pictures 1 and 2). There are some muddy areas, where excess sediment has been deposited, likely due to the very low gradient found in those areas.

There was flow beginning at Bridge 521 (The Chupines Bridge) past power pole 505.5. (This flow apparently originates in Chupines creek and continues after the confluence of Chupines Creek and Tularcitos Creek).

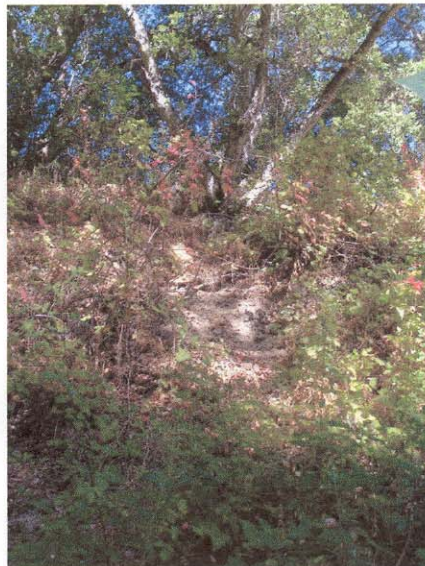
There was seepage found throughout the lower half of the reach and lush vegetation throughout. There is plenty of large woody debris throughout the creek and many instances of logjams that made the creek nearly impassable (See Picture 3). The creek banks have well rooted and vigorous vegetation. The creek beds and floodplains are composed of cobbles and gravels. (See Picture 4)

There is a small naturally occurring dirt slide (See Picture 5). There is a large dirt push that is falling down the steep hillside along Carmel Valley Road at GPS N36,27.444 W121,42.407.

This reach ended just past Sleepy Hollow at N36,27.489, W121, 42.430

Checklist Comments

#17 There are a few slides and some stretches that are very muddy, but overall the reach does not have an excess of sediment.



Picture 5