

## Standard Checklist

Name of Riparian-Wetland Area: San Jose Creek

Date: August 25, 2004 Segment/Reach ID: Reach 1 PFC 952

Miles: \_\_\_\_\_ Elevation: \_\_\_\_\_ GPS: N 36, 31. 110' W 121, 54. 527'

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"/>		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 checked="" 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 at the Fence of Riley Ranch of N 36, 31.110 W 121, 54.527. Just beyond the fence, a well was observed in the creek bed whether it was operating could not be deciphered (See Pictures 1 and 2).

There was a large iron pipe that ran along side the creek throughout the first reach. It was first observed by the dirt ford in front of the Riley Ranch gate and continued to N 36, 31.131 W121.55.188. (See Picture 3).

There are two dirt fords in this reach that are functioning properly (See Picture 4).

The vegetation is dense, vigorous and extremely diverse. There is sediment visible throughout the creek however, it did not seem excessive. There are large boulders and rocks in the creek, but many cobbles (See Picture 7).

Flow was observed throughout this reach, as well as several steelhead yoy at the second dirt ford.

There are four tributaries running off the upland hillside by the road cut. There was a pool with tadpoles found on the road cut at the base of one of these tributaries. The uplands by this road cut are eroding and several landslides were observed. It is apparent that this is a common problem which is systematically monitored (See Pictures 5 and 6).

There are a few naturally eroding and recovering uplands on the north side of the creek (See Picture 8).

This reach ended where the creek had dried up at GPS: N36, 31.136 W121,55.122.

## Checklist Comments

#1 The floodplain in many instances was inaccessible on one of the banks as the canyon walls are very steep.

#5 There are several instances of slides and eroding hillsides due to the road cut.



Picture 5





Picture 6



Picture 7



Picture 8