

## Standard Checklist

Name of Riparian-Wetland Area: San Clemente Creek

Date: June 3, 2004 Segment/Reach ID: Reach #2 Confluence with dam PFC 602

Miles: \_\_\_\_\_ Elevation: \_\_\_\_\_ GPS: N 36, 25. 978' W 121, 42. 633'

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

- |   |  |  |
|---|--|--|
| <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) _____ |  |

### Remarks

This reach is a sedimentation floodplain with a bedrock canyon face on one side and abundant vegetation on the other. The substrate of the creek bed and surrounding floodplain is made of cobbles and gravels. There is a diverse age- class distribution and composition of vegetation throughout the reach.

The hard substrate is only a few inches below the surface and the vegetation has withstood flows several feet above the creek bank as evidenced by detritus in tree branches.

There is an open 1000 sqft. area of plain that is void of vegetation.

Several steelhead fry and yearlings were spotted.

### Checklist Comments

#5 , 17 This is a growing floodplain, that is receiving, sediment from the rest of the San Clemente Creek.

#11 There is not enough vegetative cover to dissipate flow energies.