

Standard Checklist

Name of Riparian-Wetland Area: Finch Creek

Date: August 3, 2004 Segment/Reach ID: Reach 8 PFC 707

Miles: _____ Elevation: 1658 GPS: N 36, 22. 050' W 121, 33. 513'

ID Team Observers: 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"/>		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) _____



Remarks

This reach begins at county bridge 539.

There is one significant overflow channel.

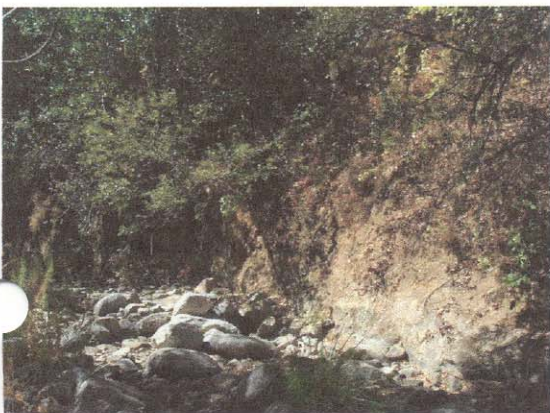
There are a lot of large mature trees creating a dense canopy and lots of shade (See Picture 1). There are only a few willow and alder recruits, along with several dead alders and dried up upland species.

Bridge 537 has two pillars undercut (See Picture 4).

There are a few minimal sediment deposits in this reach but none that are deemed excessive.

This reach ended at Bridge 537 at
GPS: N36, 22.425 W 121, 33.686 Elev. 1574

Picture 1



Checklist Comments

#6-11, 14 There are only a few recruits in the reach and spots where there are no recruits. There are a lot of upland species of vines etc. throughout. However, much of the reach is shaded, under the thick canopy of the large mature trees. Numerous dead alders and dried up upland species were also observed.

#16 There is some bank erosion and undercutting observed through the reach (See Picture 2 and 3).

Picture 2



Picture 3



Picture 4