

Standard Checklist

Name of Riparian-Wetland Area: Finch Creek

Date: August 9, 2004 Segment/Reach ID: Reach 14 PFC 701

Miles: _____ Elevation: _____ GPS: N 36, 23. 018' W 121, 36. 163'

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

Trend for Functional—At Risk:

Upward
Downward
Not Apparent

<input checked="" type="checkbox"/>
<input 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 checked="" type="checkbox"/> Other (specify) <u>Can't tell cause</u>	



Picture 1



Picture 2



Picture 3

Remarks

This reach begins at GPS: N36, 23.018, W121, 36.163.

There are three large sediment deposits in this reach (See Picture 1).

There is one concrete summer dam that is clogged by a potentially hazardous logjam (See Picture 2).

There is one well by two private footbridges (See Picture 3).

A few dead alders were seen in this reach, however, the remainder of the vegetation in this reach was ample and diverse (See Picture 6).

The end of the reach had several banks that were unstable and eroding (See Pictures 4 and 5).

This reach ends at the confluence of Finch Creek and James Creek at GPS: N36, 23.363, W121, 35.658. (See Picture 7).

Checklist Comments

#5 There were three sediment deposits in this reach, however the low gradient of this reach accounts for the amount of sediment that has built up here. Overall, this sediment deposition is not enough to cause concern for the wellbeing and stability of this habitat.



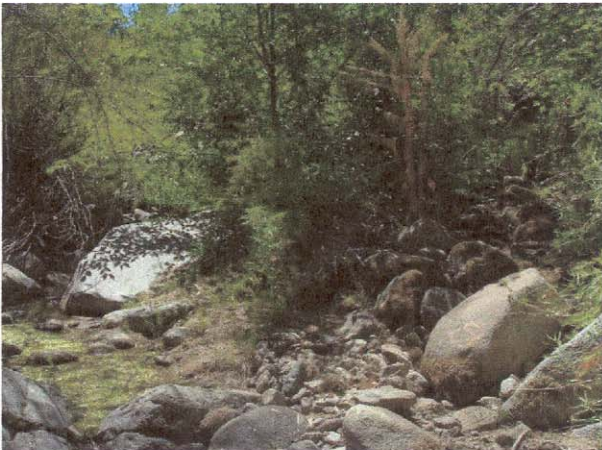
Picture 4



Picture 5



Picture 6



Picture 7