Standard Checklist

Name of Riparian-Wetland Area: Finch Creek

Date: June 30, 2004 Segment/Reach ID: Reach 10 PFC 705

Miles: _____ Elevation: 1517 GPS: N 36, 22. 732' W 121, 33. 864'

ID Team Observers: Clive Sanders, Danica Zupic Time: _____

Yes	No	N/A	HYDROLOGY
X			1) Floodplain above bankfull is inundated in "relatively frequent" events
		X	2) Where beaver dams are present they are active and stable
X			3) Sinuosity, width/depth ratio, and gradient are in balance with the landscape setting (i.e., landform, geology, and bioclimatic region)
X			4) Riparian-wetland area is widening or has achieved potential extent
X			5) Upland watershed is not contributing to riparian-wetland degradation

Yes	No	N/A	VEGETATION
X			6) There is diverse age-class distribution of riparian-wetland vegetation (recruitment for maintenance/recovery)
X			7) There is diverse composition of riparian-wetland vegetation (for maintenance/recovery)
X			8) Species present indicate maintenance of riparian-wetland soil moisture characteristics
X			9) Streambank Vegetation is comprised of those plants or plant communities that have root masses capable of withstanding high-streamflow events
X			10) Riparian-wetland plants exhibit high vigor
X			11) Adequate riparian-wetland vegetative cover is present to protect banks and dissipate energy during high flows
X			12) Plant communities are an adequate source of coarse and/or large woody material (for maintenance/recovery)

Yes	No	N/A	EROSION/DEPOSITION
X			13) Floodplain and channel characteristics (i.e., rocks, overflow channels, coarse and/or large woody material) are adequate to dissipate energy
X			14) Point bars are revegetating with riparian-wetland vegetation
X			15) Lateral stream movement is associated with natural sinuosity
X			16) System is vertically stable
X			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	[X]
Functional—At Risk	[ ]
Nonfunctional	[ ]
Unknown	[ ]

Trend for Functional—At Risk:

Upward	[ ]
Downward	[ ]
Not Apparent	[ ]

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

Yes	[ ]
No	[ ]

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

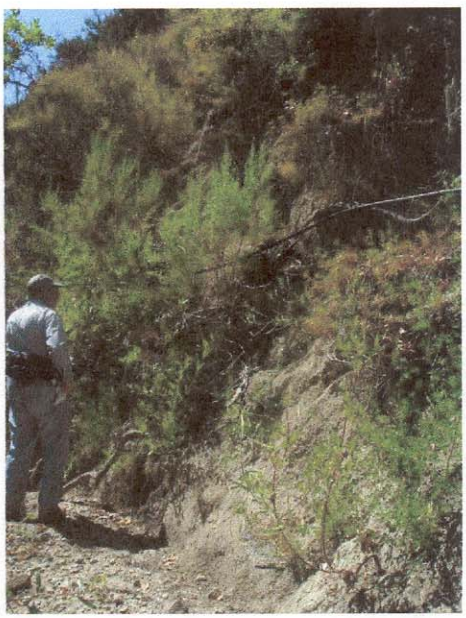
Remarks

There is an abundance of vegetation diverse in both its age-class and composition. The creek is composed of large boulders, rocks cobbles and sand all in appropriate proportions (See Picture 1).

Some seepage occurred upstream of the Hastings Institute bridge and several steelhead young of the year were observed.

A hillside of crumbling decomposed granite is eroding into the creek, however, it does not seem to be degrading this reach (See Picture 2).

There is a large ford with concreted boulders to stabilize the banks and edges of the ford at the end of the reach. There are 3 six to eight inch culverts running under the ford and a large deep pool on the downstream side (See Pictures 3 and 4). The south bank on the downstream side is being undercut. In low flows this could be an impediment to fish migration.



Picture 2

Checklist Comments

#5, 17 There was some excess sediment in this reach from the eroding hillside, however it does not seem to be severely degrading this particular reach.

#16 There is a large eroding hillside, however the rest of the system is stable.

Picture 3

Picture 4