Standard Checklist

Name of Riparian-Wetland Area: Finch Creek

Date: August 2, 2004 Segment/Reach ID: Reach 5 PFC 710

Miles: _____ Elevation: 1882 GPS: N 36, 21. 078' W 121, 32. 600'

ID Team Observers: Danica Zupic, Ben Eichorn 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	☒
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

Picture 2

Picture 3

Remarks

This reach begins at county bridge 545 on Carmel Valley Road.

This area was very lush, with numerous channel systems (See picture 1,2).

There are several steep banks in this reach that lack significant vegetation in the understory, however more mature riparian wetland species are abundant even on such banks.

Throughout this reach there are numerous small alder recruits.

There are several granite pools in this reach, many of which are host to more than ten yoy.

The roadside bank is eroding in a few insignificant, disparate instances. There is infrequent undercutting as well (See picture 3).

There is a large, grassy floodplain on the eastern bank that lasts for a few hundred feet.

County bridge 543 has two concrete barriers in its foundation that span the width of the creek forming two large pools that could potentially be fish barriers (See picture 4).

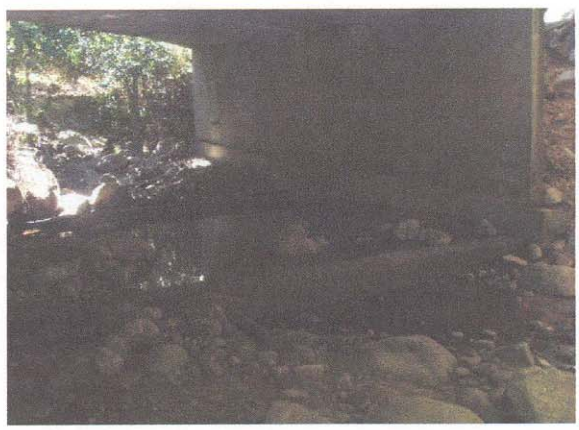
This reach ended at county bridge 543, GPS: N36, 21.479, W121, 32.930, elevation 1824ft.

Checklist Comments

#1 Some of the slope in this reach are too steep to indicate flooding above bankfull.

#4 There are several parts of this reach with minimal understory, however small recruits of riparian wetland species are common.

#16 There are a few extremely steep banks that may be subject to erosion, however at this time the imminence of serious damage is unclear.



Picture 4