Standard Checklist

Name of Riparian-Wetland Area: Finch Creek

Date: August 3, 2004   Segment/Reach ID: Reach 11   PFC 704

Miles:_____ Elevation: 1508 ___ GPS: N 3 6 , 2 2 . 7 2 8 ' W 1 2 1 , 3 3 . 9 9 7 '

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	☒

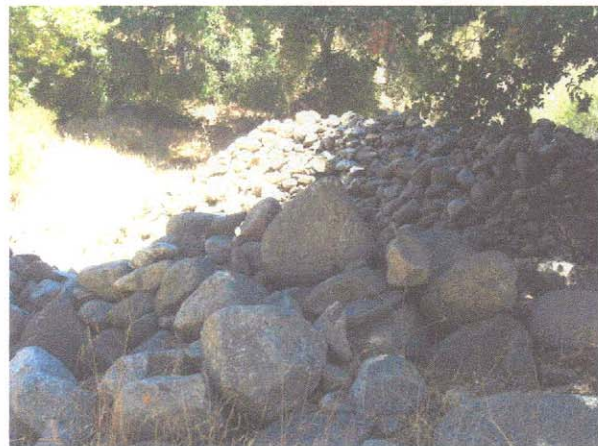**If yes, what are those factors?**

☐ 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 House 38501 on Carmel Valley Road.

There is a large land slide on the roadside bank for a couple hundred feet (See Picture 1). There are several large sediment deposits and a few eroding hillsides along with several other dirt slides (See Picture 2).

The riparian area is very narrow and predominated by upland species, the willows present are still small and most of the area is left unshaded. There is a large area that is a braided/floodplain (See Picture 5).

Behind two houses on Carmel Valley Road are four large piles of rocks (seemingly large river rocks) (See Picture 2 and 3), and several piles of house and construction waste near the creek (such as wood boards, oil barrels, etc.), (See Picture 7).

There is one pump spraying misty water for several feet around the pump next to a dirt ford (See Picture 4 and 6).

There are two pipes leading from the creek bed to the house (See Picture 8).

There is a more dense canopy cover by Bridge 533.

This reach ended at Bridge 533 at
GPS: N 36, 22.840 W 121, 34.478   Elevation 1469 feet.

Checklist Comments

#3, 15 The creek forms a large braided area/ floodplain.

#5,16, 17 There is a long eroding bank along the road, several eroding hillsides and a few large sediment deposits.

6-12 There are a lot of upland species, minimal riparian wetland vegetation and few recruits. Where the riparian vegetation is present the area is capable of withstanding flows, however where there is a void of riparian vegetation slides are occurring.

Picture 4

Picture 5

Picture 6

Picture 7

Picture 8