

Standard Checklist

Name of Riparian-Wetland Area: Garzas Creek

Date: August 6, 2004 Segment/Reach ID: Reach 2 PFC 803

Miles: _____ Elevation: 296 feet GPS: N 36, 28. 930' W 121, 46. 008'

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

Yes	No	N/A	HYDROLOGY
<input checked="" type="checkbox"/>			1) Floodplain above bankfull is inundated in "relatively frequent" events
		<input checked="" type="checkbox"/>	2) Where beaver dams are present they are active and stable
<input checked="" 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"/>			4) Riparian-wetland area is widening or has achieved potential extent
<input checked="" type="checkbox"/>			5) Upland watershed is not contributing to riparian-wetland degradation

Yes	No	N/A	VEGETATION
<input checked="" type="checkbox"/>			6) There is diverse age-class distribution of riparian-wetland vegetation (recruitment for maintenance/recovery)
<input checked="" type="checkbox"/>			7) There is diverse composition of riparian-wetland vegetation (for maintenance/recovery)
<input checked="" type="checkbox"/>			8) Species present indicate maintenance of riparian-wetland soil moisture characteristics
<input checked="" 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"/>			10) Riparian-wetland plants exhibit high vigor
<input checked="" type="checkbox"/>			11) Adequate riparian-wetland vegetative cover is present to protect banks and dissipate energy during high flows
<input checked="" 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"/>			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"/>			14) Point bars are revegetating with riparian-wetland vegetation
<input checked="" type="checkbox"/>			15) Lateral stream movement is associated with natural sinuosity
<input checked="" type="checkbox"/>			16) System is vertically stable
<input checked="" 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) _____



Picture 1



Picture 2



Picture 3

Remarks

This reach is in PFC from the top of Redwood Creek Trail in Garland Park to the edge of Garland Park where private property begins. There vegetation is dense, vigorous and diverse in its composition and age-class (See Picture 1). However, dead alders were observed throughout the reach(See Picture 2).

There is one dirt slide on the south bank, that flows directly into the creek. However, the observation of a healthy side channel suggests that this is a regular occurrence and that the system is capable of balancing this sediment contribution. (See Picture 3 and 4). GPS: N36,29.060 W121,45.562

Minimal flow was observed in the lower pools of Garzas Creek. Several yoy were observed in various pools throughout this reach.

The creek winds under 6 bridges in Garland Park, (two permanant bridges, 3 removable plank bridges and one large boulder causeway). A new gauge was observed at the pool by the boulder causeway, which read the water level at 3.2 ft.

This reach ended at the edge of Garland Park and private property, GPS: N36,29.153 W121,45.351 Elevation 296 ft.

Checklist Comments

None - The System is in PFC



Picture 4