

Ignacio?

Reach Information Form (Lotic)

I. Background information:
Riparian area/stream name: Silverwood Lake
Date: 4/11/17
Reach ID: 09-Rc
Management unit:
Administrative unit/state: CA STATE PARKS
ID team members: AE, JM

Intermittent w/ low Riparian

Assessment method:
Reach length (miles/km):
[X] Complete reconnaissance
[ ] Selective inspection of representative areas
[ ] Remote imagery with selective ground inspection

See IPAD

Location: Attach aerial image, USGS 7.5-minute topographic map, or GIS map with reach breaks indicated.

II. Reach break location:

Table with 2 columns: Reach starting point (upstream) and Reach ending point (downstream). Fields include N. Lat., UTM E, W. Long., and N.

Positions by GPS? [X] Yes [ ] No Photos taken? [X] Yes [ ] No UTM Zone:
Datum: [ ] NAD27 [ ] NAD83 [ ] WGS84 [ ] Other (specify):

Rationale for reach breaks: N/A See Reach 09 Notes

III. Description of potential and rationale (should include description of hydrologic regime, stream type(s), and riparian plant communities at potential; may include additional information such as valley type, gradient, entrenchment ratio, sinuosity, width/depth ratio, and bed and bank materials):

Series of horizontal lines for data entry.

IV. Other assessment or monitoring data or information about the reach:

Series of horizontal lines for data entry.

See IPAD for photos - is this an intermittent stream?

**PFC Assessment Form (Lotic)**

Riparian area/stream name: Silverwood Lake Reach ID: 09-RC Date: 4-11-17

Yes	No	NA	HYDROLOGY
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1) Floodplain is inundated in "relatively frequent" events. Rationale: Floodplain is very narrow. Stream is confined by steep upland slopes
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2) Beaver dams are stable. Rationale:
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3) Sinuosity, gradient, and width/depth ratio are in balance with the landscape setting (i.e., landform, geology, and bioclimatic region). Rationale: Stream exhibits low sinuosity, which is to be expected due to hydrologic regime and surrounding topography. Active channel is approx 2-3 feet wide.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4) Riparian area is expanding or has achieved potential extent. Rationale: Feature is confined by natural steep slopes. Riparian area has expanded across the available floodplain.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5) Riparian impairment from the upstream or upland watershed is absent. Rationale: No impairments observed

Yes	No	NA	VEGETATION
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6) There is adequate diversity of stabilizing riparian vegetation for recovery/maintenance. Rationale: Feature supports 80% cover of mature woody veg (Salix spp.) and herbaceous understory for recovery/maintenance
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7) There are adequate age classes of stabilizing riparian vegetation for recovery/maintenance. Rationale: Mature riparian trees and saplings observed along drainage.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8) Species present indicate maintenance of riparian soil-moisture characteristics. Rationale: Hydrophytic plants are dominant along the banks, channel, & lower terraces.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9) Stabilizing plant communities capable of withstanding moderately high streamflow events are present along the streambank. Rationale: Mature willows dominate the streambanks and provide stabilization
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10) Riparian plants exhibit high vigor. Rationale: Vegetative cover within this feature is robust
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	11) An adequate amount of stabilizing riparian vegetation is present to protect banks and dissipate energy during moderately high flows. well Rationale: mature vegetation is established all along the streambank. Excessive scouring or bank slumps not observed.

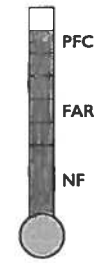
<input checked="" type="checkbox"/>			12) Plant communities are an adequate source of woody material for maintenance/recovery.
Rationale: <i>Woody species are dominant along feature; woody material is deposited throughout the channel/floodplain.</i>			
Yes	No	NA	<b>GEOMORPHOLOGY</b>
<input checked="" type="checkbox"/>			13) Floodplain and channel characteristics (i.e., rocks, woody material, vegetation, floodplain size, overflow channels) are adequate to dissipate energy.
Rationale: <i>overflow channel (shallow) occurs in the upper floodplain area. Rocks, woody material occurs throughout the system.</i>			
		<input checked="" type="checkbox"/>	14) Point bars are revegetating with stabilizing riparian plants.
Rationale: <i>no point bars observed.</i>			
<input checked="" type="checkbox"/>			15) Streambanks are laterally stable.
Rationale: <i>system is naturally by topography confined</i>			
<input checked="" type="checkbox"/>			16) Stream system is vertically stable (not incising).
Rationale: <i>stream is gradually incising, but at a rate that appears stable</i>			
<input checked="" type="checkbox"/>			17) Stream is in balance with the water and sediment that is being supplied by the drainage basin (i.e., no excessive erosion or deposition).
Rationale: <i>No excessive deposition of sediment or incision of channel</i>			

Summary Determination

- Functional rating (check one)
- Proper functioning condition
  - Functional-at risk
  - Nonfunctional

Trend (check one)

- |                                   |                                       |
|-----------------------------------|---------------------------------------|
| Monitored trend                   | Apparent trend                        |
| <input type="checkbox"/> Upward   | <input type="checkbox"/> Upward       |
| <input type="checkbox"/> Downward | <input type="checkbox"/> Downward     |
| <input type="checkbox"/> Static   | <input type="checkbox"/> Not apparent |



Rationale for rating: \_\_\_\_\_

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Rationale for trend: \_\_\_\_\_

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SL-9-LO-C

ØA-Rc

Are there factors present preventing the achievement of PFC or affecting progress towards desired condition that are outside the control of the manager?

- Yes       No

N/A

If yes, what are those factors? Check all that apply.

- Flow regulations       Road encroachment  
 Mining activities       Oil field water discharge  
 Upstream channel conditions       Augmented flows  
 Channelization       Other (specify:)

N/A

Explain factors preventing achievement of PFC: \_\_\_\_\_

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(Revised 2014)