

SL-14-LO-B

Reach Information Form (Lotic)

I. Background information:

Date: 4-19-17

Riparian area/stream name: SILVERWOOD LAKE Reach ID: A-RB

Management unit (allotment/pasture, other): INTERMITTENT STREAM

Administrative unit/state: CA STATE PARKS

ID team members: MK, IM

Assessment method: Reach length (miles/km): (OBTAIN IN GIS)

- Complete reconnaissance
Selective inspection of representative areas
Remote imagery with selective ground inspection

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

II. Reach break location: (OBTAIN IN GIS)

Table with 2 columns: Reach starting point (upstream) and Reach ending point (downstream). Each column has fields for N. Lat., UTM E, W. Long., and N.

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

Rationale for reach breaks: Defined channel w/ cove. Intact riparian habitat present. Winter/saturated soils present.

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):

(See A-R-B)

Series of horizontal lines for data entry.

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

No other assessment or monitoring data/information was used to assess this reach @ this time.

Series of horizontal lines for data entry.

**PFC Assessment Form (Lotic)**

Riparian area/stream name: intermittent stream Reach ID: 4-2B Date: 4-19-17

Yes	No	NA	HYDROLOGY
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1) Floodplain is inundated in "relatively frequent" events. Rationale:
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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: <u>absolutely</u>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4) Riparian area is expanding or has achieved potential extent. Rationale: <u>upland species have encroached into exposed floodplain areas</u>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5) Riparian impairment from the upstream or upland watershed is absent. Rationale: <u>no evidence of upland impairment</u>

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: <u>Dense various sp. w different life stages of all overstory, mid and understory species</u>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7) There are adequate age classes of stabilizing riparian vegetation for recovery/maintenance. Rationale:
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8) Species present indicate maintenance of riparian soil-moisture characteristics. Rationale:
<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: <u>stable streambanks, mature woody species w/ large root masses</u>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10) Riparian plants exhibit high vigor. Rationale:
<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. Rationale: <u>plenty of large woody debris, esp. w/in floodplain</u>

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<input checked="" type="checkbox"/>		12) Plant communities are an adequate source of woody material for maintenance/recovery.
Rationale:		

Yes	No	NA	GEOMORPHOLOGY
<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:

<input checked="" type="checkbox"/>		14) Point bars are revegetating with stabilizing riparian plants.
Rationale: No point bars within this reach.		

Rationale:

<input checked="" type="checkbox"/>		15) Streambanks are laterally stable.
Rationale:		

Rationale:

<input checked="" type="checkbox"/>		16) Stream system is vertically stable (not incising).
Rationale:		

Rationale:

<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:		

Rationale:

Summary Determination

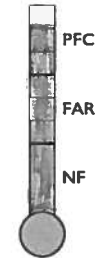
Functional rating (check one)

- Proper functioning condition
- Functional-at risk
- Nonfunctional

Trend (check one)

Monitored trend      Apparent trend

- Upward       Upward
- Downward       Downward
- Static       Not apparent



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

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

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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

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:)

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

NO OTHER factors to note.

142B vegetation

Chinese Elm

(see 142B-A, recorded there.)