

SL-14-LO-C

Reach Information Form (Lotic)

I. Background information:

Riparian area/stream name: LOTIC Date: 4/14/17
Management unit (allotment/pasture, other): R-14-C Reach ID:
Administrative unit/state: DOW/STATE PARKS
ID team members: HE, IM, MJ

Assessment method:

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

Reach length (miles/km):

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). 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: [X] NAD27 [] NAD83 [X] WGS84 [] Other (specify):

Rationale for reach breaks: Riverine, Forested wetland

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):

Blank lines for description of potential and rationale.

Blank lines for assessment or monitoring data.

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

Blank lines for other assessment or monitoring data.

PFC Assessment Form (Lotic)

Riparian area/stream name: _____ Reach ID: _____ Date: _____

Yes	No	NA	HYDROLOGY
			1) Floodplain is inundated in "relatively frequent" events.
Rationale:			
			2) Beaver dams are stable.
Rationale:			
			3) Sinuosity, gradient, and width/depth ratio are in balance with the landscape setting (i.e., landform, geology, and bioclimatic region).
Rationale:			
			4) Riparian area is expanding or has achieved potential extent.
Rationale:			
			5) Riparian impairment from the upstream or upland watershed is absent.
Rationale:			

Yes	No	NA	VEGETATION
			6) There is adequate diversity of stabilizing riparian vegetation for recovery/maintenance.
Rationale:			
			7) There are adequate age classes of stabilizing riparian vegetation for recovery/maintenance.
Rationale:			
			8) Species present indicate maintenance of riparian soil-moisture characteristics.
Rationale:			
			9) Stabilizing plant communities capable of withstanding moderately high streamflow events are present along the streambank.
Rationale:			
			10) Riparian plants exhibit high vigor.
Rationale:			
			11) An adequate amount of stabilizing riparian vegetation is present to protect banks and dissipate energy during moderately high flows.
Rationale:			

			12) Plant communities are an adequate source of woody material for maintenance/recovery.
Rationale:			
Yes	No	NA	GEOMORPHOLOGY
			13) Floodplain and channel characteristics (i.e., rocks, woody material, vegetation, floodplain size, overflow channels) are adequate to dissipate energy.
Rationale:			
			14) Point bars are revegetating with stabilizing riparian plants.
Rationale:			
			15) Streambanks are laterally stable.
Rationale:			
			16) Stream system is vertically stable (not incising).
Rationale:			
			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:			

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 checked="" type="checkbox"/> Downward |
| <input type="checkbox"/> Static | <input checked="" type="checkbox"/> Not apparent |



Rationale for rating: _____

Rationale for trend: _____

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: _____

(Revised 2014)