

Reach Information Form (Lotic)

I. Background information:

Date: 5/15/17
 Riparian area/stream name: Gorman Creek Reach ID: GCR-LO-1B
 Management unit (allotment/pasture, other): _____
 Administrative unit/state: _____
 ID team members: RB, LG, LF

Assessment method: _____ Reach length (miles/km): _____
 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:

Reach starting point (upstream)	Reach ending point (downstream)
_____ N. Lat. UTM E _____ m	_____ N. Lat. UTM E _____ m
or	or
_____ W. Long. N _____ m	_____ W. Long. N _____ m

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

Rationale for reach breaks: More confined floodplain, steeper, more incised banks, change in emergent wetland veg.

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):

Apparent perennial portion of Gorman Creek as it feeds into Pyramid Lake. Narrow active channel in low-gradient system flowing through narrow, steep-sided valley.

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

Similar species composition as GCR-LO-1A, though fewer taxa. Floodplain contained w/in steep-sided (>45°) canyon; active channel more incised than 1A, though still shallow; less percolation into wider floodplain → less emergent wetland veg.; more riparian characteristics.

Obtain in 4/5

PFC Assessment Form (Lotic)

Riparian area/stream name: Gorman Creek Reach ID: GCR-10-1B Date: 5/15/17

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:			

Same information as 1A, just less emergent wetland veg. more confined in narrower valley/canyon.

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:			

Some of information as IA, just less emergent wetland veg, more confined channel in narrower valley/canyon.

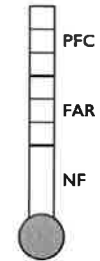
Summary Determination

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: _____

Rationale for trend: _____
