

Gorman Creek
 PFC Assessment Form (Lotic)
 Peace Valley Pipeline

Riparian area/stream name: _____ Reach ID: PV-1 Date: 5/2/17

Yes	No	NA	HYDROLOGY
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1) Floodplain is inundated in "relatively frequent" events. Rationale: <u>Flowing surface water present. Part of managed system - perennial flow.</u>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2) Beaver dams are stable. Rationale: <u>no beaver dams</u>
<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>Reach is confined by hillside & freeway</u>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4) Riparian area is expanding or has achieved potential extent. Rationale: <u>Constant, regulated releases of water as part of managed system</u>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5) Riparian impairment from the upstream or upland watershed is absent. Rationale: <u>Consistency as part of managed system.</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>Good species diversity</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: <u>Younger trees present, though primarily middle-age</u>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8) Species present indicate maintenance of riparian soil-moisture characteristics. Rationale: <u>Mature riparian species present.</u>
<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>Riparian regime-adapted species present</u>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10) Riparian plants exhibit high vigor. Rationale: <u><70 > 70% total linear cover of stabilizing riparian species</u>
<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>well established riparian plant community.</u>

12) Plant communities are an adequate source of woody material for maintenance/recovery.
 Rationale: *Given system characteristics (managed), woody material is sufficient.*

GEOMORPHOLOGY

13) Floodplain and channel characteristics (i.e., rocks, woody material, vegetation, floodplain size, overflow channels) are adequate to dissipate energy.

Rationale: *No excessive erosion observed. Floodplain width appears to be sufficient.*

14) Point bars are revegetating with stabilizing riparian plants.

Rationale: *No point bars.*

15) Streambanks are laterally stable.

Rationale:

16) Stream system is vertically stable (not incising).

Rationale: *No incision observed*

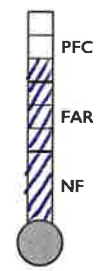
17) Stream is in balance with the water and sediment that is being supplied by the drainage basin (i.e., no excessive erosion or deposition).

Rationale: *Managed system supplies consistent flow*

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: *Managed system w/ consistent flow regime and water delivery. Reach functions properly in this context (supporting veg. & hydrology); no changes apparent to reduce function.*

Rationale for trend: *System appears to be stable. No apparent upward or downward trend.*

