



<u>Category 2</u>: Supports important aquatic resources and are strongholds for one or more listed species. Compared to Category 1 areas, Category 2 areas have a higher level of fragmentation resulting from habitat disturbance or loss. These areas have a large number of sub-watersheds where native populations have been lost or are at risk for a variety of reasons. Restoring ecosystem function and connectivity within these areas are priorities.

<u>Category 3</u>: May still contain sub-watersheds that support salmonids, but they have experienced substantial degradation and are strongly fragmented by habitat loss, especially through loss of connectivity with the mainstem corridor. The priority in these areas is to rectify the primary factors that cause habitat degradation. PESHASTIN CREEK RECOMMENDATIONS:

 a) Re-establish connectivity throughout the assessment unit by removing, replacing, or fixing artificial barriers (UCSRB, 2005).
 b) Use practical and feasible means to increase stream flows (within the natural hydrologic regime and existing water rights) in Peshastin Creek (UCSRB, 2005).
 c) Reduce water temperatures by increasing stream flows and restoring riparian vegetation along the stream (UCSRB, 2005).
 d) Increase habitat diversity and quantity by restoring riparian vegetation, adding instream structures and large woody debris, and reconnecting side channels and the floodplain with the stream (UCSRB, 2005).

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References

UCSRB, 2005. Draft Upper Columbia Spring Chinook Salmon, Steelhead, and Bull Trout Recovery Plan UCRTT, 2002. Upper Columbia Biological Strategy

MISSION CREEK RECOMMENDATIONS: a) Re-establish connectivity throughout the assessment unit by removing, replacing, or fixing artificial barriers (culverts and diversions) (UCSRB, 2005). b) Use practical and feasible means to increase stream flows (within the natural hydrologic regime and existing water rights) in Mission Creek (UCSRB, 2005). c) Decrease water temperatures and improve water quality by restoring riparian vegetation along the stream (UCSRB, 2005). d) Reduce unnatural sediment recruitment to the stream by restoring riparian habitat and improving road maintenance (UCSRB, 2005). e) Increase habitat diversity and quantity by restoring riparian habitat, reconnecting side channels and the floodplain with the channel, increasing large woody debris within the channel, and by adding

instream structures (UCSRB, 2005).

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This figure was originally produced in color. Reproduction in black LEGEND and white may result in loss of information WRIA 45 Boundary Waterbody Scale in Miles WRIA Boundary Watercourse SUB-WATERSHED HABITAT RECOMMENDATIONS Map Projection: N Washington State Plane, Sub-Watershed Boundary Urban Area North Zone, NAD 83, Feet Chelan/WRIA 45 Watershed Plan/WA Source: Chelan County, USGS, Major Road WAGDA, WSDOE, WSDOT, UCSRB. UCRTT Figure: 8-1 Drawn: KBD Revison: 4 Date: Apr. 26, 2006 **Golder Associates**