Redds ChannelUnit Complexity Channel Unit Frequency Wetted Depth SD Bankfull Width To Depth Ratio Avg Fast Turbulent Frequency Wetted Width To Depth Ratio Avg Fast NonTurbulent Frequency Thalweg Depth CV Slow Water Frequency Bankfull Channel Braidedness Fast Turbulent Count Wetted Width To Depth Ratio CV ChnlUnitTotal Ct Detrended Elevation SD Channel Unit Count Wetted Channel Braidedness Fast NonTurbulent Count Sinuosity Via Centerline Slow Water Percent Fast NonTurbulent Percent Bankfull Width To Depth Ratio CV Fast Turbulent Percent Bankfull Width CV Slow Water Count Wetted Width CV Cover Land Classification Fish Cover: None Fish Cover: Some Cover Natural Class PCA 1 Fish Cover: Terrestrial Vegetation Fish Cover: Total Disturbance Class PCA 1 Percent Undercut by Area Fish Cover: LW Percent Undercut by Length Natural Class PCA 2 Fish Cover: Aquatic Vegetation Riparian Size Bankfull Width Integrated Riparian Cover: Non-Woody Wetted Width Integrated RipCovUstoryNone Bankfull Width Avg Riparian Cover: Understory Wetted Width Avg Bankfull Depth Avg Riparian Cover: Coniferous Discharge Riparian Cover: No Ground -Drainage Area (Flowline) Bankfull Depth Max Riparian Cover: Woody DpthThlwg\_Avg Riparian Cover: Big Tree Residual Pool Depth Riparian Cover: Some Canopy Max Depth Mean Annual Flow Riparian Cover: No Canopy Precipitation Riparian Cover: Ground Substrate Temperature Substrate Est: Sand and Fines Substrate: D50 Elev\_M Substrate < 2mm Substrate < 6mm Substrate Est: Cobbles Substrate: D16 Solar Access: Summer Avg Substrate Est: Boulders Substrate: D84 Substrate Est: Coarse and Fine Gravel Avg. August Temperature Substrate: Embeddedness Avg Substrate: Embeddedness SD WaterQuality Wood Large Wood Frequency: Wetted Large Wood Volume: Wetted Slow Water Alkalinity Large Wood Volume: Wetted Fast NonTurbulent Large Wood Volume: Bankfull Conductivity Large Wood Volume: Bankfull Fast NonTurbulent Large Wood Frequency: Bankfull Large Wood Volume: Wetted Drift Biomass Large Wood Volume: Wetted Fast Turbulent Large Wood Volume: Bankfull Slow Water 0.1 0.3 0.4 0.0 0.1 0.2 0.3 0.4 Steelhead MIC Chinook MIC higher Chinook MIC lower Not informative Informative for restoration



## Summer\_DASH ChannelUnit Complexity Fast NonTurbulent Count Fast Turbulent Frequency Wetted Depth SD Fast NonTurbulent Frequency Slow Water Frequency Fast NonTurbulent Percent Sinuosity Via Centerline Channel Unit Frequency Slow Water Percent ChnlUnitTotal\_Ct Wetted Width CV Channel Unit Count Slow Water Count Fast Turbulent Count Wetted Channel Braidedness Fast Turbulent Percent Cover Land Classification Percent Undercut by Area Fish Cover: LW Natural Class PCA 2 • Percent Undercut by Length Fish Cover: Terrestrial Vegetation UcutLgth Natural Class PCA 1 Fish Cover: Total Fish Cover: None Disturbance Class PCA 1 Fish Cover: Some Cover Fish Cover: Aquatic Vegetation SideChannel Size Mean Annual Flow Drainage Area (Flowline) Gradient Precipitation Wetted Width Avg Wetted Side Channel Percent By Area ${\sf DpthThlwg\_Avg}$ Wetted Width Integrated Discharge Residual Pool Depth Substrate Temperature Substrate: D84 Avg. August Temperature Substrate Est: Coarse and Fine Gravel Substrate: D50 Substrate Est: Boulders August Temperature Substrate Est: Sand and Fines Substrate: D16 Elev\_M Substrate Est: Cobbles WaterQuality Wood Large Wood Frequency: Wetted Large Wood Volume: Wetted Fast Turbulent Conductivity Large Wood Volume: Wetted Large Wood Volume: Wetted Slow Water LWcnt\_Wet 0.0 0.2 Steelhead MIC Chinook MIC lower Not informative Chinook MIC higher Informative for restoration

