

redds\_Chinook\_QRF4\_sp\_comb Channel Unit Frequency Average Thalweg Depth Conductivity Avg. August Temperature 0.006 0.0035 - $0.0034 \cdot$ 0.005 0.004 0.0030 0.0032 0.004 0.0025 -0.003 0.003 0.0030 0.0020 -0.002 0.0015 0.0028 10 15 100 200 300 400 0.5 1.0 10 20 25 15 Gradient Substrate Est: Boulders Substrate Est: Cobbles Substrate Est: Sand and Fines 0.0035 0.0034 0.00325 0.0029 0.0030 0.0033 0.0028 0.00300 0.0032 0.0025 -0.0027 0.00275 0.0031 0.0026 0.0030 0.0020 -0.00250 0.0025 0.0029 20 40 20 40 60 25 50 75 Substrate Est: Coarse and Fine Gravel Sinuosity Fish Cover: Some Cover Residual Pool Depth 0.0030 0.0030 -0.00295 0.002800 0.0029 -0.0028 -0.002775 0.00290 0.0028 -0.002750 0.0027 -0.00285 0.0026 0.002725 0.0026 0.00280 20 60 80 1.0 1.5 2.0 2.5 20 60 0.0 0.5 1.0 40 40 Large Wood Frequency: Wetted Fish Cover: LW Fast NonTurbulent Frequency 0.002795  $0.0033 \cdot$ 0.002950 0.002790 0.0032 0.002785 0.002925 -0.0031 0.002780 0.002900 -0.00300.002775 0.0029 0.002875 0.002770 20 30 30 60

Prediction (per m)

10

40



Covariate Value

90