Measured Suspended Sediment Discharge Givens Estates Gaging Station 10<sup>3</sup> Pre-Construction Pre-fit:  $y = 7.55x^{1.66}$  $R^2 = 0.77$ , n = 741yr Post-Construction 10<sup>2</sup> 1yr-fit:  $y = 5.65x^{1.57}$  $R^2 = 0.94$ , n = 76Load,  $Q_s$  [g/s] 5yr Post-Construction 10<sup>1</sup> 5yr-fit:  $y = 9.38x^{1.49}$  $R^2 = 0.59$ , n = 11510<sup>0</sup>  $10^{-1}$ 10<sup>0</sup> 10<sup>1</sup> Discharge, Q [cfs]