Measured Suspended Sediment Discharge Givens Estates Gaging Station 10³ Pre-Construction Pre-fit: $y = 7.55x^{1.66}$ $R^2 = 0.77$ 1yr Post-Construction 10² 1yr-fit: $y = 5.65x^{1.57}$ $R^2 = 0.94$ Load, $Q_{\rm s}$ [g/s] 5yr Post-Construction 10¹ 5yr-fit: $y = 9.17x^{1.58}$ $R^2 = 0.60$ 10⁰ 10^{-1} 10⁰ 10¹ Discharge, Q [cfs]