Measured Suspended Sediment Discharge Givens Estates Gaging Station Pre-Construction 10³ Pre-fit: $y = 5.51x^{1.66}$ $R^2 = 0.77$ 1yr Post-Construction 1yr-fit: $y = 4.29x^{1.58}$ 10² $R^2 = 0.93$ Load, $Q_{\rm s}$ [g/s] 5yr Post-Construction 5yr-fit: $y = 7.82x^{1.59}$ 10¹ $R^2 = 0.57$ 10⁰ 10⁻¹ 10⁰ 10^{-1} 10¹ Discharge, Q [cfs]