**Choptank River Inorganic nitrogen (nitrate and nitrite) Residual versus Estimated Concentration** 1.5 1 0.5 Residual in natural log units 0 -0.5 -1.5 -2 -2.5-1.2 -0.8-0.6 -0.4-0.20 0.2 0.4 0.6 8.0

Estimated Concentration in natural log units