Inorganic nitrogen (nitrate and nitrite) Residual versus Estimated Concentration 1.5 0.5 Residual in natural log units 0 -0.5 -1.5 -2.5 -3-3.5-0.8-0.40 0.2 0.4 -1.4-1 0.6 8.0

Choptank River

Estimated concentration in natural log units

Inorganic nitrogen (nitrate and nitrite) Residual versus Estimated Concentration 1 Season Consisting of Jun Jul Aug 0.5 Residual in natural log units 0 -0.5-1.5-2 -2.5-0.8-0.40.2 -1.4-1 0 0.4 0.6 8.0

Choptank River

Estimated concentration in natural log units