log10 CI (mg/L) 2.5 1.5 MDC = 22% MDC = 33% MDC = 24% % Var Exp = 14.9 1.0 2.0 Observed Values 0.5 Residuals 1.5 0.0 1.0 -0.5 0.5 1.0 0.8 1.0 before 1.4 1.6 1.8 after (alfalfa) 1.2 after after (corn) Fitted Values 1.0 1.0 0.5 Residuals Residuals 0.0 0.0 -0.5 -0.5 -1.0 -1.0 0.8 1.0 1.2 1.4 2012 2017 1.6 1.8 2013 2014 2015 2016 Fitted Values Year