log10 CI (mg/L) 1.5 2.5 MDC = 22% MDC = 33% MDC = 24% % Var Exp = 15.8 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 1.4 1.6 before after (alfalfa) 1.2 1.8 after after (corn) Fitted Values 1.0 1.0 0.5 0.5 Residuals Residuals 0.0 0.0 -0.5 0.8 1.0 1.4 1.6 2012 2014 2017 1.2 1.8 2013 2015 2016 Fitted Values Year