log10 Org N (mg/L) MDC = 18% MDC = 27% MDC = 19% 1.5 % Var Exp = 32.8 0.5 1.0 Observed Values Residuals 0.0 0.5 0.0 -0.5 0.2 0.4 0.6 8.0 1.0 before after after (corn) after (alfalfa) Fitted Values 9.0 9.0 0.4 0.4 0.2 0.2 Residuals Residuals 0.0 0.0 -0.2 -0.2 4.0-4.0-9.0-9.0-0.2 0.4 0.6 1.0 2012 2014 2016 2017 8.0 2013 2015

Year

Fitted Values