

## Glossary of Parameters

Log or log10 common logarithm (base 10).

mg/L milligrams per liter.

t value is the ratio of the departure of the estimated value of a parameter from its hypothesized value to its standard error.

$\Pr(>|t|)$  one-tailed  $p$ -values evaluating the null hypothesis against the alternative hypothesis.

E.vars explanatory variables.

Cook's D an estimate of the influence of a data point when performing a least-squares regression analysis.

DFFITS data points with large residuals (outliers) and/or high leverage may distort the outcome and accuracy of a regression and measures the effect of deleting a given observation.

fold a cross-validation iteration.

MSE mean squared error.

Grab-TSS (or Grab.TSS) a sample that was collected with the grab field sampling method and analyzed with the total suspended solids (TSS) laboratory analysis method.

EWDI-TSS (or EWDI.TSS) a sample that was collected with the equal-width-increment or equal-discharge-increment (EWDI) field sampling method and analyzed with the TSS laboratory analysis method.

Grab-SSC (or Grab.SSC) a sample that was collected with the grab field sampling method and analyzed with the suspended-sediment concentration (SSC) laboratory analysis method.

EWDI-SSC (or EWDI.SSC) a sample that was collected with the EWDI field sampling method and analyzed with the SSC laboratory analysis method.

**Grab-TSS-Greater (or Grab.TSS.Greater)** a sample that was collected with the grab field sampling method and analyzed with the TSS laboratory analysis method and had paired values of EWDI-SSC that had greater than or equal to 26 percent sand in the EWDI-SSC.

**Grab-TSS-Less (or Grab.TSS.Less)** a sample that was collected with the grab field sampling method and analyzed with the TSS laboratory analysis method and had paired values of EWDI-SSC that had less than 26 percent sand in the EWDI-SSC.

**EWDI-TSS-Greater (or EWDI.TSS.Greater)** a sample that was collected with the EWDI field sampling method and analyzed with the TSS laboratory analysis method and had paired values of EWDI-SSC that had greater than or equal to 26 percent sand in the EWDI-SSC.

**EWDI-TSS-Less (or EWDI.TSS.Less)** a sample that was collected with the EWDI field sampling method and analyzed with the TSS laboratory analysis method and had paired values of EWDI-SSC that had less than 26 percent sand in the EWDI-SSC.

**Grab-SSC-Greater (or Grab.SSC.Greater)** a sample that was collected with the grab field sampling method and analyzed with the SSC laboratory analysis method and had paired values of EWDI-SSC that had greater than or equal to 26 percent sand in the EWDI-SSC.

**Grab-SSC-Less (or Grab.SSC.Less)** a sample that was collected with the grab field sampling method and analyzed with the SSC laboratory analysis method and had paired values of EWDI-SSC that had less than 26 percent sand in the EWDI-SSC.

**EWDI-SSC-Greater (or EWDI.SSC.Greater)** a sample that was collected with the EWDI field sampling method and analyzed with the SSC laboratory analysis method and had greater than or equal to 26 percent sand.

**EWDI-SSC-Less (or EWDI.SSC.Less)** a sample that was collected with the EWDI field sampling method and analyzed with the SSC laboratory analysis method and had less than 26 percent sand.