

LIST OF ACRONYMS AND ABBREVIATIONS¹

ACR	acute-to-chronic ratio
AML	average monthly limit
ANOVA	analysis of variance
APHA-AWWA- WEF	American Public Health Association-American Water Works Association-Water Environment Federation
ASTM	American Society for Testing and Materials
BSAB	Biomonitoring Science Advisory Board
CCC	criteria continuous concentration
CFR	Code of Federal Regulations
CMC	criteria maximum concentration
CV	coefficient of variation
CWA	Clean Water Act
DMR	discharge monitoring report
EMS	error mean square [also referred to as mean square error (MSE)]
EPA	U.S. Environmental Protection Agency (also, the Agency)
FR	<i>Federal Register</i>
IC	inhibition concentration
IWC	instream waste concentration (sometimes referred to as receiving water concentration)
LC50	lethal concentration, 50 percent
LOEC	lowest observed effect concentration
LTA	long-term average (LTAA = acute LTA; LTAc = chronic LTA; LTAA,c = acute-to-chronic LTA)
MDL	maximum daily limit
MSD	minimum significant difference
MSE	mean square error [also referred to as error mean square (EMS)]
MZ	mixing zone
NELAP	National Environment Laboratory Accreditation Program
NOEC	no observed effect concentration
NPDES	National Pollutant Discharge Elimination System
NTRD	National Toxicant Reference Database
PAI	Performance Audit Inspections
PMSD	percent minimum significant difference

¹ Note: These acronyms and abbreviations may have other meanings in other EPA programs or documents.

QA	quality assurance
QC	quality control
rMSE	square root of the mean square error
RP	reasonable potential
RWC	receiving water concentration (sometimes referred to as instream waste concentration)
SCTAG	Southern California Toxicity Assessment Group
SETAC	Society of Environmental Toxicology and Chemistry
TAC	test acceptability criteria
TIE	toxicity identification evaluation
TMDL	total maximum daily load
TRE	toxicity reduction evaluation
TSD	EPA's <i>Technical Support Document for Water Quality-based Toxics Control</i> (March 1991, EPA505/2-90-001)
TU	toxic unit (TU _a = acute toxicity; TU _c = chronic toxicity)
VF	variability factor
WET	whole effluent toxicity
WLA	waste load allocation
WQBEL	water quality based effluent limit