

Acronyms and Abbreviations

ADD	Average Daily Dose (mg/kg-day)
AET	Apparent Effects Threshold
AF	Absorption Fraction
AFDW	Ash-Free Dry Weight
ASTM	American Society for Testing and Materials
AVS	Acid Volatile Sulfide
BERA	Baseline Ecological Risk Assessment
BAF	Bioaccumulation Factor
BSAFs	Sediment/Soil-to-Biota Bioaccumulation Factors
BW	Body weight
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CM	Concentration of COPECs in media of concern
COPEC	Contaminants of Potential Ecological Concern
CR	Contact Rates (kg/day or L/day)
CSM	Conceptual Site Model
DDT	Dichloro-Diphenyl, Tri-Chloroethane
DGT	Diffusive Gradient in Thin Films
DO	Dissolved Oxygen
DQO	Data Quality Objectives
EcoSSLs	Ecological Soil Screening Levels
ECSM	Ecological Conceptual Site Model
EE	Ecological Evaluation
EqP	Equilibrium Partitioning
ERA	Ecological Risk Assessments
ERAGS	Ecological Risk Assessment Guidance for Superfund: Process for Designing and Conducting Ecological Risk Assessments (EPA 540-R-97-006, June 1997)
ER-L	Effects Range-Low
ER-M	Effects Range-Median
ESC	Ecological Screening Criteria
ESNR	Environmentally Sensitive Natural Resource
FI	Fractional Intake
FSPM	Field Sampling Procedures Manual
GIS	Geographic Information System
HOC	Hydrophobic Organic Chemical
HQ	Hazard Quotient
IC	Inhibitory Concentration
ITRC	Interstate Technology & Regulatory Council
LEL	Lowest Effects Level
LOAEL	Lowest Observed Adverse Effect Level
LOEC	Lowest Observed Effect Concentration
LOI	Letter of Interpretation
LSRP	Licensed Site Remediation Professional
MDL	Method Detection Limit

mg/l CaCO ₃	Milligrams Per Liter of Calcium Carbonate (Hardness)
NELAP	National Environmental Laboratory Accreditation Program
N.J.A.C.	New Jersey Administrative Code
NJDEP	New Jersey Department of Environmental Protection
NJPDES	New Jersey Pollutant Discharge Elimination System
NOAEL	No Observed Adverse Effect Level
NOEC	No Observed Effect Concentration
OSWER	Office of Solid Waste and Emergency Response
PAH	Polycyclic Aromatic Hydrocarbon
PCB	Polychlorinated Biphenyls
PCDD	Polychlorinated Dibenzo-P-Dioxins
PCDF	Polychlorinated Dibenzofuran
PE	Polyethylene
pg/ml	Picogram/Milliliter
POM	Polyoxymethylene
ppm	Part Per Million
ppt	Part Per Trillion or Part Per Thousand for salinity
QA/QC	Quality Assurance and Quality Control
QAPP	Quality Assurance Project Plan
RBP	Rapid Bioassessment Protocols
RMD	Risk Management Decision
ROI	Receptors of Interest
SEC	Sediment/Soil Effects Concentration
SEL	Severe Effects Level
SEM	Simultaneously Extracted Metals
SI	Site Investigation
SLERA	Screening Level Ecological Risk Assessment
SMDP	Scientific/Management Decision Point
SPMD	Semi-Permeable Membrane Device
SPME	Solid Phase Microextraction Devices
SRS	Soil Remediation Standards
SRT	Standard Reference Toxicant
SWQS	Surface Water Quality Standards (N.J.A.C. 7:9B)
TEC	Toxicity Equivalence Concentration
TEF	Toxic Equivalency Factor
TEQ	Toxic Equivalency
TIC	Tentatively Identified Contaminant
TOC	Total Organic Carbon
TRV	Toxicity Reference Value
UCL	Upper Confidence Limit
U.S.C.	United States Code
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
VOC	Volatile Organic Compounds
WET	Whole Effluent Toxicity
WHO	World Health Organization

