



Acronyms

3TMO	3-Tiered Monitoring and Optimization Tool
AIC	Akaike information criterion
AFCEC	Air Force Civil Engineer Center (formerly AFCEE)
AFCEE	Air Force Center for Engineering and the Environment (changed to AFCEC)
ASTM	American Society for Testing and Materials (now known just as ASTM International)
BIC	Bayesian information criterion
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CES	cost-effective sampling
CSM	conceptual site model
DQO	data quality objective
EDA	exploratory data analysis
ERIS	Environmental Restoration Information System
FIELDS	
GRASS	Geographic Resources Analysis Support System
GRO	Geostatistics for Remediation Optimization
GSMC	Groundwater Statistics and Monitoring Compliance
GTS	Geostatistical Temporal-Spatial optimization software
GUI	graphical user interface
GWSDAT	Groundwater Spatiotemporal Data Analysis Tool
IDW	Inverse Distance Weighting
ISM	Incremental Sampling Methodology
i.i.d.	independent and identically distributed
LNAPL	light nonaqueous phase liquid
LTM	long-term management
LTMO	long-term monitoring optimization

MAROS Monitoring and Remediation Optimization Software

MNA monitored natural attenuation

MSE mean squared error

NAPL nonaqueous phase liquid

NDMA nitrosodimethylamine

PCB polychlorinated biphenyl

Q-Q quantile-quantile

RBF radial basis function

RCRA Resource Conservation and Recovery Act

RMSE Root mean squared error

SADA Spatial Analysis and Decision Assistance

SAS Statistical Analysis System

USACE U.S. Army Corps of Engineers

USEPA United States Environmental Protection Agency

UST underground storage tank

VBA Visual Basic for Applications

VSP Visual Sampling Plan