

***Long-Term Monitoring Optimization
Related ACRONYMS***

AFCEE	Air Force Center for Environmental Excellence
AR	Area Ratio
ARARs	Applicable or Relevant and Appropriate Requirements
BGS	Below Ground Surface
CES	Cost Effective Sampling
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CF	Confidence Factor
COC	Constituent of Concern (also COPC = Constituent of Potential Concern)
COV	Coefficient of Variation
CR	Concentration Ratio
DCE	Dichloroethylene (also Dichloroethene)
DOD	Department of Defense
DOE	Department of Energy
DQO	Data Quality Objectives
EC	Estimated Concentration (from nearest neighbors)
EDD	Electronic Data Deliverable
GIS	Geographic Information System
GMZ	Groundwater Management Zone (also PMZ = Plume Management Zone)
GSI	GSI Environmental Inc.
GTS	Geo-statistical Temporal/Spatial Optimization Algorithm
GW	Groundwater
HSCB	Hypothetical Statistical Compliance Boundary
IC	Institutional Control

LTM	Long-Term Monitoring
LTMO	Long-Term Monitoring Optimization
MAROS	Monitoring and Remediation Optimization Software
MCES	Modified Cost Effective Sampling
MCL	Maximum Contaminant Level
MDL	Method Detection Limit
MK	Mann-Kendall trend evaluation
MNA	Monitored Natural Attenuation (also RNA = Remediation by Natural Attenuation)
MSL	Mean Sea Level
NAPL	Non-Aqueous Phase Liquid
NC	Node Concentration (known concentration at well)
NPL	National Priorities List
O&M	Operation and Maintenance
OU	Operable Unit
PCE	Perchloroethylene (also Tetrachloroethylene or Tetrachloroethene)
PLSF	Preliminary Location Sampling Frequency
POC	Point of Compliance
PQL	Practical Quantitation Limit
PRG	Preliminary Remediation Goal
PRP	Potentially-Responsible Party
QAPP	Quality Assurance Project Plan
QA/QC	Quality Assurance/Quality Control
RCRA	Resource Conservation and Recovery Act
RI/FS	Remedial Investigation/Feasibility Study

ROD	Record of Decision
SF	Slope Factor
SDWA	Safe Drinking Water Act
TCE	Trichloroethylene (or Trichloroethene)
Trend Values:	
I	Increasing Trend
PI	Probably Increasing
S	Stable
PD	Probably Decreasing
D	Decreasing
ND	Non-detect
NT	No Trend
N/A	Insufficient Data
TR	Trace Value
USEPA	United States Environmental Protection Agency
VOC	Volatile Organic Compound