



Acronyms

API	American Petroleum Institute
AS	air sparging
ASTM	American Society for Testing Materials
ATSDR	Agency for Toxic Substance and Disease Registry
BTEX	benzene, toluene, ethylbenzene, and xylenes
CFR	Code of Federal Regulations
CL:AIRE	Contaminated Land: Applications in Real Environments
COC	constituents of concern
CPT	cone penetrometer testing
CSM	conceptual site model
CSU	Colorado State University
DCC	dynamic closed chamber
DNAPL	dense, non-aqueous phase liquid
DO	dissolved oxygen
DPE	dual-phase extraction
DPLE	dual pump liquid extraction
DRO	diesel range organics
EPA	Environmental Protection Agency
EPRI	Electric Power Research Institute
ERI	electrical resistivity imaging
ERT	electrical resistivity tomography
ESA	environmental site assessment
FID	flame ionization detector
FRGT-MST	Fractured Rock Geophysical Toolbox Method Selection Tool
GPR	ground penetrating radar
GSI	groundwater-surface water interface
ISC	Institute for Sustainable Communities
ITRC	Interstate Technology and Regulatory Council
LCSM	LNAPL Conceptual Site Model
LIF	laser induced fluorescence
LNAPL	light, non-aqueous phase liquid
LUST	leaking underground storage tank
MCL	maximum contaminant level
MPCA	Minnesota Pollution Control Agency

MIP	membrane interface probe
MNA	monitoring natural attenuation
MPE	multi-phase extraction
MW	monitoring well
NAPL	non-aqueous phase liquid
NOAA	National Oceanographic and Atmospheric Administration
NRC	National Response Center
NSZD	natural source zone depletion
OBB	oleophilic biobarrier
O&M	operations and maintenance
ORP	oxidation-reduction potential
OSC	on-scene coordinator
PAH	polycyclic aromatic hydrocarbons
PHC	petroleum hydrocarbon compound
PID	photoionization detector
PVI	petroleum vapor intrusion
RCM	reactive core mat
RCRA	Resource Conservation and Recovery Act
RTDF	Remediation Technologies Development Forum
SESR	surfactant-enhanced subsurface remediation
SMART	specific, measurable, attainable, relevant, and timely
SVE	soil vapor extraction
SVOC	semi-volatile organic compound
TEA	terminal electron acceptor
TI	technical impracticability
T_n	transmissivity
TPE	two-phase extraction
TPH	total petroleum hydrocarbon
TPHCWG	Total Petroleum Hydrocarbon Criteria Working Group
USACE	U.S. Army Corps of Engineers
USAEC	U.S. Army Environmental Center
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
UST	underground storage tank
UV	ultraviolet fluorescence
VEFR	vacuum enhanced fluid recovery
VOC	volatile organic compound