Acronyms

1,1,1-TCA	1,1,1-trichloroethane
1,1-DCE	1,1, dichloroethene
2D, 3D	two dimensional, three dimensional
AC	activated carbon
ATP	Adenosine triphosphate
AFB	Air Force Base
AFCEC	Air Force Civil Engineer Center (formerly AFCEE)
AFCEE	Air Force Center for Engineering and the Environment (changed to AFCEC)
cc	cubic centimeter
cDCE	cis-1,2-dichloroethene
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (SuperFund)
CF	chloroform
CFR	Code of Federal Regulations
***cis*-1,2-DCE or *cis*-DCE**	*cis*-1,2-dichloroethylene
Cl	Chlorine
CO_2	Carbon dioxide
COC	contaminant of concern
COD	chemical oxygen demand
COPC	contaminant of potential concern
CPT	cone penetrometer testing
CSM	conceptual site model
CT	carbon tetrachloride
Cu	Copper
CVOC	chlorinated volatile organic compound
CWA	Clean Water Act
DBMS	data base management system
DCA	Dichloroethane
DCE	dichloroethene
DDD	dichlorodiphenyldichloroethane
DDE	dichlorodiphenyltrichloroethylene
DDT	dichlorodiphenyltrichloroethane
DDX	dimethyl dioxane
DEC	Department of Conservation

DEP	Department of Environmental Protection
DGM	digital geophysical mapping
DIC	Dissolved inorganic carbon
DL	detection level
DNAPL	dense nonaqueous phase liquid
DO	dissolved oxygen
DOC	dissolved organic carbon
DOD	U.S. Department of Defense
DOE	U.S. Department of Energy
DOT	Department of Transportation
DPT	direct-push technology
DQO	data quality objective
DQOs	data quality objectives
ECOS	Environmental Council of the States
EDB	1,2-dibromoethane
Eh	oxidation-reduction potential
EMD	Environmental molecular diagnostics
EMI	electromagnetic induction
EPA	Environmental Protection Agency
ERH	Electrical resistance heating
ERIS	Environmental Research Institute of the States
ESTCP	Environmental Security Technology Certification Program
FID	flame ionization detector
F_{oc}	fraction of organic carbon
g	Gram
GAC	granular activated carbon
GC	gas chromatography/chromatograph
GC/ECD	Gas chromatograph/electron capture detector
GC/MS	gas chromatography/mass spectrometry
GIS	geographic information systems
GPS	Global Positioning System
GW	groundwater
GWSDAT	Groundwater Spatiotemporal Data Analysis Tool
H	Hydrogen
Hg	mercury
HPT	hydraulic profiling tool
IBT	internet-based training
IC	institutional control
IDSS	integrated DNAPL site strategy

ISB	in situ bioremediation
ISC	integrated site characterization
ISCO	in situ chemical oxidation
ISCR	in situ chemical reduction
ITRC	Interstate Technology and Regulatory Council
KDHE	Kansas Department of Health and Environment
L	Liter
LiDAR	Light Detection and Ranging
LIF	laser induced fluorescence
LLDPE	linear low density polyethylene
LNAPL	Light nonaqueous phase liquid
M	molar
MassDEP	Massachusetts Department of Environmental Protection
MDEQ	Michigan Department of Environmental Quality
MDEQ	Montana Department of Environmental Quality
mg	Milligrams
MGP	manufactured gas plant
MiHpt	membrane interface probe hydraulic profiling tool
MIP	membrane interface probe
mL	Milliliter
MLE	multiple lines of evidence
MNA	monitored natural attenuation
MNR	monitored natural recovery
Mo	Molybdenum
MS	mass spectrometry
MW	monitoring well
N	Nitrogen
NAPL	nonaqueous phase liquid
NASA	National Aeronautics and Space Administration
NAVFAC	Naval Facilities Engineering Command
ND	nondetect
NFA	no further action
NJDEP	New Jersey Department of Environmental Protection
NMR	nuclear magnetic resonance
NOAA	National Oceanic and Atmospheric Administration
NRC	National Research Council
NYSDEC	New York State Department of Environmental Conservation
O	Oxygen
O&M	operation and maintenance
OC	organic carbon

OM&M	operation, maintenance and monitoring
ORP	oxidation reduction potential
OSHA	Occupational Safety and Health Administration
OSWER	USEPA Office of Solid Waste and Emergency Response
OTV	Overlay Transport Visualization
OU	operable unit
OVA	organic vapor analyzer
PAH	Polycyclic aromatic hydrocarbon
PAH	petroleum halogenated hydrocarbon
Pb	Lead
PCBs	Polychlorinated biphenyls
PCE	perchloroethene (tetrachloroethylene)
PCP	pentachlorophenol
PDB	polyethylene diffusion bag
PDBS	passive diffusion bag samplers
PID	photoionization detector
PIG	pipeline inspection gauge
PITT	partitioning Interwell tracer test
POC	point of compliance
Q	quantitative
QA	quality assurance
QA/QC	quality assurance/quality control
QAPP	Quality Assurance Project Plan
QC	quality control
QL	qualitative
RAO	remedial action objective
RBCA	risk-based corrective action
RCRA	Resource Conservation and Recovery Act
RI	Remedial Investigation
RI/FS	remedial investigation/feasibility study
ROD	record of decision
ROI	return on investigation
RP	responsible party
S	Sulfur
SAP	sampling and analysis plan
SDWA	Safe Drinking Water Act
SG	specific gravity
SIM	selective ion monitoring
SIMS	Secondary-ion mass spectrometry
SIP	stable isotope probe

SMART	specific, measureable, attainable, relevant, time-bound (referring to goals)
SPI	sediment profiling imaging
SQ	Semiquantitative
SRB	sulfate-reducing bacteria
SVE	soil vapor extraction
SVOC	semivolatile organic compound
TBA	tert-butyl alcohol, an oxygenate
TBEE	tert-butyl-ethyl ether, an oxygenate
TBT	tributyltin
TCA	trichloroethane
TCD	thermal conductivity detector
TCE	trichloroethylene
TCE	trichloroethene
***tceA* gene**	trichloroethene reductive dehalogenase
TCFE	Trichlorofluoroethylene
TCH	Thermal conductance heating
TCLP	Toxicity Characteristic Leaching Procedure
TMB	trimethylbenzene
TMO	Toluene monooxygenase
TNT	2,4,6-trinitrotoluene
TOC	total organic carbon
TOD	Toluene 2,3-dixoygenase
TPH	total petroleum hydrocarbons
TSCA	Toxic Substances Control Act
TSS	total suspended solids
TVOC	total volatile organic compounds
ug	Micrograms
USDOE	U.S. Department of Energy
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
UST	underground storage tank
VC	Vinyl Chloride
vcrA	Vinyl chloride reductase (varietal A), a reductive dehalogenase gene
VFAs	Volatile Fatty Acids
VI	vapor intrusion
VOC	volatile organic compound
Zn	Zinc
ZVI	zero-valent iron
µg/m^3	microgram per cubic meter