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Acronyms

1,1,1-TCA	1,1,1-trichloroethane
1,1-DCE	1,1, dichloroethene
1,2,4-TMB	1,2,4-trimethyl benzene
1,4-D	1,4-dioxane
2,3,7,8-TCDD	2,3,7,8-tetrachlorodibenzo-p-dioxin
2D, 3D	two dimensional, three dimensional
AC	activated carbon
ACF	autocorrelation coefficient or function
ACL	alternate compliance limit
ACS	American Chemical Society
ADAF	age-dependent adjustment factors
ADCP	acoustic Doppler current profiler
ADEC	Alaska Department of Environmental Conservation
ADEM	Alabama Department of Environmental Management
ADP	Adenosine diphosphate
ATP	Adenosine triphosphate
ADV	acoustic Doppler velocimeter
AE	analytical error
AET	apparent effects threshold
AF	attenuation factor
AFB	Air Force Base
AFCEC	Air Force Civil Engineer Center (formerly AFCEE)
AFCEE	Air Force Center for Engineering and the Environment (changed to AFCEC)
AGC-QAPP	Uniform Federal Policy for Quality Assurance Project Plans Template: Advanced Geophysical Classification for Munitions Response

AIC	Akaike information criterion
ALD	anoxic limestone drain
ALM	adult lead methodology
AM	arithmetic mean
AMD	acid mine drainage
amsl	above mean sea level
ANOVA	analysis of variance
ANSI/ASQ E4-2004	Quality Systems for Environmental Data and Technology Programs—Requirements with Guidance for Use
AO	Acridine orange
AOC	area of concern
AOP	activation optimization process
APC	aerobic polishing cell
APG	Aberdeen Proving Ground
APH	air-phase petroleum hydrocarbon
API	American Petroleum Institute
ARAR	all relevant and appropriate regulations
ARCH	autoregressive conditional heteroscedasticity
ARD	acid rock drainage
ARIMA	autoregressive integrated moving average AST aboveground storage tank
AST	aboveground storage tank
ASTM	American Society for Testing and Materials (now known just as ASTM International)
ASTSWMO	Association of State and Territorial Solid Waste Management Officials
ATCG	Adenine, Thymine, Cytosine, Guanine
ATSDR	Agency for Toxic Substances and Disease Registry
***atzB* gene**	Hydroxyatrazine ethylaminohydrolase
AUL	alternate use limitations
AVS/SEM	acid volatile sulfide/simultaneously extracted metals

AWQC	ambient water quality criteria
BAF	bioaccumulation factor
BAP	benzo-a-pyrene
BAZ	biologically active zone
BCF	bioconcentration factor
BES	U.S. Department of Energy, Office of Basic Energy Sciences
BFA	background fluorescence analysis
bgs	below ground surface
BIC	Bayesian information criterion
BiRD	biogeochemical reductive dechlorination
BLL	blood lead level
bls	Below land surface
BMD	benchmark dose
BMP	best management practice
BNC	Bremerton Proving Ground
BNL	Brookhaven National Laboratory
BOD	biological oxygen demand
bp, kbp, Mbp	Base pairs, kilobase pairs, megabase pairs
BRAC	Defense Base Realignment and Closure
BSAF	biota-sediment accumulation factor
***bssA* gene**	benzylsuccinate synthase
BTEX	benzene, toluene, ethylbenzene, and xylene
BUD	Berkeley UXO Discriminator
***bvcA* gene**	Reductive dehalogenase implicated in the vinyl chloride to ethene reductive dechlorination
C	Carbon
CA	corrective action
CAB	citizens advisory board
CAD	contained aquatic disposal

CAG	community advisory group
CAIT	Center for Advanced Infrastructure and Transportation
CAMU	Corrective Action Management Unit
CaPAH	carcinogenic polynuclear aromatic hydrocarbons
CARD	Catalysed reported deposition
CARD-FISH	Catalyzed reported deposition fluorescence in situ hybridization
CASRN	Chemical Abstract Service Registry Number
cc	cubic centimeter
CCF	cross-correlation function
CCL4	carbon tetrachloride
CDC	Center for Disease Control
cDCE	cis-1,2-dichloroethene
CDEP	Connecticut Department of Energy and Environmental Protection
CDF	cumulative distribution function
CDF	confined disposal facility
cDNA	Complementary DNA
CE_2	long-range heterogeneity fluctuation error
CE_3	periodic heterogeneity fluctuation error
CEC	cation exchange capacity
CEP	Community Engagement Plan
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (SuperFund)
CES	cost-effective sampling
CF	chloroform
CFR	Code of Federal Regulations
CFU	colony-forming unit
CFree	carbon free
CGI	combustible gas indicator
CH	compositional heterogeneity

CHP	Catalyzed hydrogen peroxide
CH_4	methane
CIP	Community Involvement Plan
***cis*-1,2-DCE or *cis*-DCE**	*cis*-1,2-dichloroethylene
Cl	Chlorine
***cld* gene**	Chlorite dismutase gene
CLP	Contract Laboratory Program
CLT	central limit theorem
CMS	corrective measures study
CO	Carbon monoxide
CO_2	Carbon dioxide
COC	contaminant of concern
COD	chemical oxygen demand
COPC	contaminant of potential concern
cpm	counts per minute
CPSi	cancer potency slope, inhalation
CPT	cone penetrometer testing
CRA	comparative risk analysis
CRREL	U.S. Army Cold Regions Research and Engineering Laboratory
CSF	cancer slope factor
CSIA	Compound Specific Isotope Analysis
CSM	conceptual site model
CSO	combined sewer outfall
CSV	comma separated values
CT	carbon tetrachloride
CTAS	cobalt thiocyanate active substances
Cu	Copper
CUAA	ceded and usual and accustomed areas

CUSUM	cumulative sum control chart
CV	coefficient of variation
CVI	chlorinated vapor intrusion
CVOC	chlorinated volatile organic compound
CWA	Clean Water Act
DAGCAP	DOD Advanced Geophysical Classification Accreditation Program
DAPI	4.6-diamindino-phenylindole
DAQ	data acquisition
DBMS	data base management system
DC	Dissimilarity Coefficient
DCA	Dichloroethane
DCE	dichloroethene
DD	Decision Document
DDD	dichlorodiphenyldichloroethane
DDE	dichlorodiphenyltrichloroethylene
DDT	dichlorodiphenyltrichloroethane
DDX	dimethyl dioxane
DE	delimitation error
DEC	Department of Conservation
DEP	Department of Environmental Protection
df	degrees of freedom
DGGE	denaturing gradient gel electrophoresis
DGM	digital geophysical mapping
DH	distributional heterogeneity
DHB	*Dehalobacter*
Dhc	*Dehalococcoides*
DHG	*Dehalogenimonas*
DIC	Dissolved inorganic carbon

DL	detection level
DL	deficiency letter
DMM	discarded military munition
DNA	Deoxyribonucleic acid
DNAPL	dense non-aqueous phase liquid
DO	dissolved oxygen
DOC	dissolved organic carbon
DOD	U.S. Department of Defense
DOE	U.S. Department of Energy
DON	Department of the Navy
DOT	Department of Transportation
DPI	direct push injection
DPT	direct-push technology
DQA	data quality assessment
DQI	data quality indicator
DQO	data quality objective
DQOs	data quality objectives
DRE	destruction removal efficiency
DRET	dredge residual elutriate test
DRO	diesel-range organics
DSITMS	direct sampling ion trap mass spectrometer
DTSC	California Department of Toxic Substances Control
DU	decision unit
DUA	data usability assessment
E&P	oil exploration & production
EAB	enhanced anaerobic bioremediation
EAP	enzyme activity probe
EBCT	empty bed contact time

EC	electrical conductivity
EC	engineering control
ECD	electron-capture dissociation
ECMP	engineering control maintenance plan
ECOS	Environmental Council of the States
EDA	emergency declaration area
EDA	exploratory data analysis
EDB	1,2-dibromoethane
EDLE	East Doane Lake Remediation
EDQW	Environmental Data Quality Working Group
EE	extraction error
EE	environmental evaluation
EE	environmental easement
EE/CA	engineering evaluation/cost analysis
EGL	energy grade line
Eh	oxidation-reduction potential
EHMP	environmental hazard management plan
EISB	enhanced in situ bioremediation
EJ	environmental justice
ELAP	Environmental Laboratory Accreditation Program
ELUR	environmental land use restrictions
EM	environmental management
EMD	Environmental molecular diagnostics
EMI	electromagnetic induction
EMNR	enhanced monitored natural recovery
EMS	environmental management system
ENA	Enhanced natural attenuation
EOD	explosive ordnance disposal

EPA	Environmental Protection Agency
EPC	exposure point concentration
EPH	extractable petroleum hydrocarbon
EPM	equivalent porous medium
ePV	effective pore volume
ERD	enhanced reductive dechlorination
ERH	electrical resistance heating
ERIS	Environmental Research Institute of the States
ERIS	Environmental Restoration Information System
ERPIMS	Environmental Resources Program Information Management System
ESA	Endangered Species Act
ESD	explanation of significant difference
ESTCP	Environmental Security Technology Certification Program
EtOH	ethanol, ethyl alcohol
EUC	environmental use control
EVO	Emulsified Vegetable Oil
EZ	exclusion zone
FA	financial assurance
FAMEs	Fatty acid methyl esters
FAQ	Frequently asked questions
FDA	U.S. Food and Drug Administration
FDEP	Florida Department of Environmental Protection
FE	fundamental error
Fe	Iron
FFA	federal facilities agreement
FFS	focused feasibility study
FID	flame ionization detector
FISH	fluorescence in situ hybridization

FMGP	Former manufactured gas plant
FMV	fair market value
FNADC	Florida Natural Attenuation Default Criteria
Foc	fraction of organic carbon
FOT	fields of testing
FS	feasibility study
FSCTL	Florida State Cleanup Target Levels
FUDS	formerly used defense sites
g	Gram
GAC	granular activated carbon
GARCH	generalized autoregressive conditional heteroscedasticity
GC	gas chromatography/chromatograph
GC/ECD	Gas chromatograph/electron capture detector
GC/MS	Gas chromatograph/mass spectrometer
GC/MS	gas chromatography/mass spectrometry
GCL	geosynthetic clay liner
GE	General Electric
GETS	Groundwater Extraction and Treatment System
GHG	greenhouse gas
GIS	geographic information systems
GLLA	Great Lakes Legacy Act
GLNPO	Great Lakes National Program Office
GOF	goodness-of-fit
GPR	ground penetrating radar
GPS	Global Positioning System
GRASS	Geographic Resources Analysis Support System
GRO	Geostatistics for Remediation Optimization
GSD	geometric standard deviation

GSE	grouping and segregation error
GSMC	Groundwater Statistics and Monitoring Compliance
GSR	green and sustainable remediation
GTS	Geostatistical Temporal-Spatial optimization software
GUI	graphical user interface
GW	groundwater
GWMP	groundwater monitoring plan
GWSDAT	Groundwater Spatiotemporal Data Analysis Tool
GWTS	groundwater treatment and collection system
H	Hydrogen
HDOH	Hawaii Department of Health
HDPE	high density polyethylene
Hg	mercury
HGL	hydraulic grade line
HMX	octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine
HNOPS	Hydrogen, Nitrogen, Oxygen, Potassium, Sulfur
HOA	home owners’ association
HP TRIM	Hewlett Packard TRIM
HPT	hydraulic profiling tool
HPT-GWS	hydraulic profiling tool–groundwater sampler
HQ	hazard quotient
HRC	Hydrogen-Release Compound
HRT	hydraulic residence time
HTRW	Hazardous, Toxic and Radioactive Waste
HVAC	heating, ventilation and air conditioning
i.i.d.	independent and identically distributed
IA	indoor air
IATA DGR	International Air Transport Association Danger Goods Regulations

IBT	internet-based training
IC	institutional control
ICIAP	institutional control implementation and assurance plan
ICL	informal correction letter
ICMP	institutional control management plan
ICP-MS	Inductively Coupled Plasma–Mass Spectrometry
ID	inner diameter
IDEM	Indiana Department of Environmental Management
IDQTF	Intergovernmental Data Quality Task Force
IDSS	integrated DNAPL site strategy
IDW	Inverse Distance Weighting
IEUBK	integrated exposure uptake biokinetic
IMU	inertial measurement unit
IP	implementation plan
IR	Infrared
IRIS	Integrated Risk Information System
IRM	interim remedial measure
IRMS	Isotope Ratio Mass Spectrometer
IS	incremental sample, incremental sampling
ISB	in situ bioremediation
ISC	integrated site characterization
ISCO	in situ chemical oxidation
ISCR	in situ chemical reduction
ISM	Incremental Sampling Methodology
ISO	International Organization for Standardization
ISO	industry standard object
ISS	in situ stabilization
IST	in situ treatment

ISTR	in situ thermal remediation
ITMS	ion trap mass spectrometer
ITRC	Interstate Technology and Regulatory Council
IVS	instrument verification strip
J&E	Johnson & Ettinger model
KBCRS	Knowledge Base Corporate Reporting System
KDHE	Kansas Department of Health and Environment
L	Liter
L108	Aquincola tertiaricarbonis L108
LADD	lifetime average daily dose
LBOS	limestone buffered organic substrate
LC34	Launch Complex 34
LCARA	Love Canal Area Revitalization Area
LCL	lower confidence level or limit
LCS	laboratory control sample, laboratory control spike
LEL	lower explosive level
LHD	local health department
LiDAR	Light Detection and Ranging
LIF	laser induced fluorescence
LLDPE	linear low density polyethylene
LNAPL	Light non-aqueous phase liquid
LOAEL	lowest observed adverse effect level
LOD	limit of detection
LOQ	limit of quantitation
LTL	lower tolerance limit
LTM or LTMgt	long-term management
LTMO	long-term monitoring optimization
LTMP	long term management plan

LTS	long term stewardship
LTS&M	long term surveillance and maintenance
LUC	land use control
LUCIP	land use control implementation plan
LUCRAWP	land use control remedial action work plan
LUST	leaking underground storage tank
LWF	lightweight fill
M	maps
M	molar
MADEP	Maine Department of Environmental Protection
MANOVA	multivariate analysis of variance
MAR-FISH	Microautoradiography Fluorescence in situ hybridization
MAROS	Monitoring and Remediation Optimization Software
MassDEP	Massachusetts Department of Environmental Protection
MASW	multi-channel analyses of surface waves
MBAS	methylene blue active substances
MBT	molecular biological tool
MCA	Monte Carlo analysis
MCDA	multi-criteria decision analysis
MCL	maximum contaminant level
MDA	Multiple displacement amplification
MDEQ	Michigan Department of Environmental Quality
MDEQ	Montana Department of Environmental Quality
MDI	method data indicator
MDL	method detection limit
MDNR	Missouri Department of Natural Resources
MEC	munitions and explosives of concern
MEK	methyl ethyl ketone (2-butanone)

MEG	maximum exposure guidelines
mg	Milligrams
MGP	manufactured gas plant
MI	multiincrement
MIBK	4-methyl-2-pentanone
MiHpt	membrane interface probe hydraulic profiling tool
MIP	membrane interface probe
MIQE	Minimum Information for Publication of Quantitative Real-Time PCR Experiments
MIS	multiincrement sampling
MIW	mining-influenced water
mL	Milliliter
MLE	maximum likelihood estimation
MLE	multiple lines of evidence
MLLW	mean low level water
MMRP	Military Munitions Response Program
MNA	monitored natural attenuation
MNR	monitored natural recovery
Mo	Molybdenum
MOA	mode of action
MPC	measurement performance criteria
MPE	multiphase extraction
MPN	Most probable number
MPV	man-portable vector
MQI	method quality indicator
MQO	measurement quality objective
mRNA	Messenger RNA
MRS	munitions response site
MRSOU	Milltown Reserve Sediment Operable Unit

M_s	mass of the collected sample
MS	matrix spike
MS	mass spectrometry
MSD	matrix spike duplicate
MSD	municipal setting designations
MSE	mean squared error
MSMA	monosodium methanearsonate
MTBE	methyl tertiary butyl ether
MTCA	Model Toxics Control Act
MVS	mining visualization software
MW	monitoring well
N	Nitrogen
NAH	Naphthalene dioxygenase
NanoSIMS-FISH	Nanoscale secondary-ion mass spectrometry – Fluorescence in situ hybridization
NAPL	non-aqueous phase liquid
NAS	Naval Air Station
NASA	National Aeronautics and Space Administration
NAVFAC	Naval Facilities Engineering Command
NCEA	National Center for Environmental Assessment
NCP	National Contingency Plan
ND	nondetect
NDMA	nitrosodimethylamine
NELAC	National Environmental Laboratory Accreditation Conference
NELAP	National Environmental Laboratory Accreditation Program
NFA	no further action
NIRIS	Navy Installation Restoration Information Solution
NJDEP	New Jersey Department of Environmental Protection
NJDOT	New Jersey Department of Transportation

NM	not measured
NMR	nuclear magnetic resonance
NOAA	National Oceanic and Atmospheric Administration
NOAEL	no observed adverse effect level
non-TOI	non-target of interest
NOV	notice of violation
NPDES	National Pollutant Discharge Elimination System
NPL	National Priority List
NR	not recorded
NRC	National Research Council
NSB	Naval Station Bremerton
NTC	No Template Controls
NYSDEC	New York State Department of Environmental Conservation
O	Oxygen
O&M	operation and maintenance
OC	organic carbon
OCC	Occidental Chemical Corp.
OCF	on-site contaminated facility
OD	outer diameter
OE	overall estimation error
OEHHA	California Office of Health Hazard Assessment
OLC	open limestone channel
OLD	open limestone drain
OM&M	operation, maintenance and monitoring
OP	obligated party
ORP	oxidation reduction potential
OSHA	Occupational Safety and Health Administration
OST	offline storage table

OSWER	USEPA Office of Solid Waste and Emergency Response
OU	operable unit
OUST	Office of Underground Storage Tanks (USEPA)
OVA	organic vapor analyzer
OXO	unexploded ordinance
PAH	polyaromatic hydrocarbon
PAH	Polycyclic aromatic hydrocarbon
PARCC	precision, accuracy, representativeness, comparability, completeness, and sensitivity
Pb	Lead
PBA	tetrabromomethane
PC	proprietary control
PCA	tetrachloroethane
PC-ADP	pulse coherent acoustic Doppler profiler
PCBs	Polychlorinated biphenyls
PCDD	polychlorinated dibenzo-dioxins
PCDF	polychlorinated dibenzo-furans
PCE	perchloroethene (tetrachloroethylene)
***pceA* gene**	tetrachloroethene reductive dehalogenase
PCP	pentachlorophenol
PCR	polymerase chain reaction
PD	probability distribution
PDB	polyethylene diffusion bag
PDBS	passive diffusion bag samplers
PDM	processed dredged material
PDS	phase distribution spreadsheet
PE	preparation error
PEC	probable effect concentration
PEEK	tubing made from polyetheretherketone

PEL	permissible exposure limit
PFAS	Per and Polyfluoroalkyl substance
PFM	passive flux meter
PHC	petroleum hydrocarbon
PHE	Phenol hydroxylase
Pi	Inorganic phosphate
PIANO	analytical list that includes paraffin, iso-paraffins, aromatics, naphthenes, and olefins
PID	photoionization detector
PIG	pipeline inspection gauge
PITT	partitioning Interwell tracer test
PL	prediction limit
PLC	programmable logic controller
PLFA	Phospholipid fatty acid
PM1	*Methylibium petroleiphilum*
POC	point of contact
POC	point of compliance
POC	particulate organic carbon
POTW	publicly owned treatment works
ppbv	parts per billion by volume
PQL	practical quantitation limit
PR	periodic review
PRB	Permeable reactive barrier
PRTZ	Permeable reactive treatment zone
PRGs	preliminary remedial goals
PRP	potentially responsible party
PSF	pounds per square foot
PSG	passive soil gas
PVC	polyvinyl chloride

PVI	petroleum vapor intrusion
Q	quantitative
QA	quality assurance
QA/QC	quality assurance/quality control
QAPP	Quality Assurance Project Plan
QASP	quality assurance surveillance plan
QC	quality control
QL	qualitative
qPCR	quantitative polymerase chain reaction
Q-Q	quantile-quantile
QSM	Quality Systems Manual
RA	Remedial Action
R&D	research and development
RAB	restoration advisory board
RAO	remedial action objective
RAPS	reducing alkalinity producing systems
RBCA	risk-based corrective action
RBF	radial basis function
RCA	root cause analysis
RCA	request for corrective action
RCM	Reactive Core Mat
RCRA	Resource Conservation and Recovery Act
RDase	Reductive dehalogenase
RDC	remedial design characterization
RDX	1,3,5-trinitroperhydro-1,3,5-triazine
RDX	Hexahydro-1,3,5-trinitro-1,3,5-triazine
REV	representative elementary volume
RfC	reference concentration

RfD	reference dose
RfDi	reference dose, inhalation
RFI	request for information
RFU	Relative fluorescence units
RG	remediation goal
RI	Remedial Investigation
RI/FS	remedial investigation/feasibility study
RL	reporting limit
RMDs	Retrievable media devices
RME	reasonable maximum exposure
RMO	Ring-hydroxylating toluene monooxygenase
RMSE	root mean square error
RNA	Ribonucleic acid
ROD	record of decision
RODA	Record of Decision Amendment
ROI	radius of Influence
ROS	regression on order statistics
RP	responsible party
RPD	relative percent difference
RPF	relative potency factor
RPM	remedial project manager
RPP	rigid porous polyethylene
RQD	rock quality designation
RR&R	release, resuspension and residuals
rRNA	Ribosomal ribonucleic acid (ribosomal RNA)
RRO	residual-range organic
RRT	relative retention time
RSD	relative standard deviation

RSL	Regional Screening Level
RTD	residence time distribution
RTK	real-time kinematic
RT-qPCR	Reverse transcriptase qPCR
S	Sulfur
SADA	Spatial Analysis and Decision Assistance
SAP	sampling and analysis plan
SAPS	successive alkalinity producing system
SARA	Superfund Amendments and Reauthorization Act
SAS	Statistical Analysis System
SAV	submerged aquatic vegetation
SC	site closeout
SCAN	continuous scanning mode
SCL	single control limit
SD	standard deviation
SDS	Safety data sheets
SDWA	Safe Drinking Water Act
SE	sampling error, standard error
SEE	Steam-enhanced extraction
SED	survey of earned doctorates
SEDA	sediment erosion and deposition assessment
SEDD	staged electronic data deliverable
SEM	Superfund enterprise system
SEP	supplemental environmental project
SERDP	Strategic Environmental Research and Development Program
SETAC	Society of Environmental Toxicology and Chemistry
SG	specific gravity
SIM	selective ion monitoring

SIMS	Secondary-ion mass spectrometry
SIP	stable isotope probe
SMARS	site management and reporting system
SMART	specific, measureable, attainable, relevant, time-bound (referring to goals)
SMC	spent mushroom compost
SMCRA	Surface Mining Control and Reclamation Act
SMD	submembrane depressurization
sMMO	Soluble methane monoooxygenase
SMP	site management plan
SNR	Signal to noise ratio
SOD	soil oxidant demand
SOP	standard operating procedure
SP	sample port
SPI	sediment profiling imaging
SPL	site pollution liability
SPT	standard penetration test
SQ	Semiquantitative
SRB	sulfate-reducing bacteria
SROI	sustainable return of investigation
SRP	site remediation program
SRS	simple random sampling
SS	sample support
SSCC	site specific cleanup criteria
SSD	subslab depressurization
SSP	subslab pressurization
SSV	subslab ventilation
STE	sediment transport evaluation
STSC	Superfund Health Risk Technical Support Center

SU	sampling unit
SVE	soil vapor extraction
SVOC	semivolatile organic compound
SWAC	surface weighted actions concentrations
SWFPR	site-wide false positive rate
T	Time
SWMMWW	Storm water Management Manual for Western Washington
TAGA	trace atmospheric gas analyzer
TAME	tert-amyl-methyl-ether, an oxygenate
TAN	Test Area North site at the Idaho National Laboratory
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
TDS	total dissolved solids
TE	total sampling error
TEF	toxicity equivalence factor
TEL	Tetra-ethyl Lead
TEQ	toxic equivalent
THF	tetrahydrofuran
THPO	Tribal Historic Preservation Officer

TIC	tentatively identified compound
TIN	triangular irregular network
TL	tolerance limit
TMB	trimethylbenzene
TMDL	total maximum daily load
TMO	Toluene monooxygenase
TNT	2,4,6-trinitrotoluene
TOC	total organic carbon
TOD	Toluene 2,3-dixoygenase
TOI	target of interest
TPH	total petroleum hydrocarbons
TPP	technical project planning
T-RFLP	Terminal restriction fragment length polymorphism
TSCA	Toxic Substances Control Act
TSD	treatment, storage and disposal facility
TSS	total suspended solids
TTZ	Target treatment zone
TVOC	total volatile organic compounds
TW	Tarone-Ware statistic
U(IV)	Uranium, +4 oxidation state
U(VI)	Uranium, +6 oxidation state
UCL	upper confidence limit
UECA	Uniform Environmental Covenant Act
UFP-QAPP	Uniform Federal Policy for Quality Assurance Project Plans
UFP-QS	Uniform Federal Policy for Implementing Environmental Quality Systems
ug	Micrograms
UIC	underground injection control
UMTRCA	Uranium Mill Tailings Radiation Control Act

UPL	upper prediction limit
URF	unit risk factor
USACE	U.S. Army Corps of Engineers
USCG	U.S. Coast Guard
USCS	Unified Soil Classification System
USDA	United States Department of Agriculture
USDOE	U.S. Department of Energy
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
UST	underground storage tank
UTL	upper tolerance limit
UU/UE	unlimited use/unrestricted exposure
UV	ultraviolet
UXO	unexploded ordnance
VBA	Visual Basic for Applications
VC	Vinyl Chloride
vcrA	Vinyl chloride reductase (varietal A), a reductive dehalogenase gene
VFAs	Volatile Fatty Acids
VFP	vertical flow pond
VI	vapor intrusion
VOC	volatile organic compound
VOI	Value of Investigation
VSP	Visual Sampling Plan
v/v	Volume per volume %
w/w	wet weight
WET	whole effluent toxicity
WRS	Wilcoxon rank sum
XML	extensible markup language

XRF	X-ray fluorescence
XSD	halogen specific detector
X-VOC	chlorinated volatile organic compound
Zn	Zinc
ZVI	zero-valent iron
µg/m^3	microgram per cubic meter

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