

1,4-Dioxane Acronym List

Greek Characters

µg/L micrograms per liter

Numerals

1,1-DCE 1,1-dichloroethene

1,4-D 1,4-dioxane (*in "Remediation and Treatment Technologies" tables only*)

1,1,1-TCA 1,1,1-trichloroethane

A

ACS American Chemical Society

ATSDR Agency for Toxic Substances and Disease Registry

C

CAS Chemical Abstracts Service

CCL Candidate Contaminant List

C&D Construction and Demolition

CERCLA Comprehensive Environmental Response, Compensation, and Liability Act

CSIA compound-specific isotope analysis

cVOC chlorinated volatile organic compound

D

DMPDB dual-membrane passive diffusion bag

DNAPL dense nonaqueous phase liquid

DOT Department of Transportation

DW drinking water

E

E Emerging Options

ECB European Chemicals Bureau

ECHO Enforcement and Compliance History Online Database

ECOSAR Ecological Structure Activity Relationships

EqP Equilibrium Partitioning

F

F Fully Demonstrated

FDA Food and Drug Administration

G

GAC granular activated carbon

GC/MS gas chromatography/mass spectrometry

GW groundwater

H

HAP Hazardous Air Pollutant

HCl hydrochloric acid

HEAA β-hydroxyethoxyacetic acid

HT holding time

I

IARC International Agency for Research on Cancer

ITRC Interstate Technology and Regulatory Council

L

L Less Effective

M

MCL maximum contaminant level

mg	milligrams
mg/L	milligrams per liter
MTL	monitoring trigger level
N	
NA	not applicable
NOD	natural oxidant demand
NPDES	National Pollutant Discharge Elimination System
O	
OSHA	Occupational Safety and Health Administration
P	
PCE	tetrachloroethylene
PDB	passive diffusion bag
PEL	permissible exposure limit
PET	polyethylene terephthalate
PNEC	Predicted No Effect Concentration
POTWs	publicly owned treatment works
ppm	parts per million
PTFE	polytetrafluoroethylene
Q	
qPCR	quantitative polymerase chain reaction
R	
RCRA	Resource Conservation and Recovery Act
RL	reporting limit
RPP	Rigid Porous Polyethylene
RSL	regional screening level
S	
SDWA	Safe Drinking Water Act
SIM	selective ion monitoring
SPE	solid-phase extraction
SVOC	semivolatile organic compound
T	
TCE	trichloroethylene
TRI	Toxics Release Inventory
TSCA	Toxic Substances Control Act
TWA	time-weighted average
U	
UCMR3	Third Unregulated Contaminant Monitoring Rule
USEPA	U.S. Environmental Protection Agency
UV	ultraviolet
V	
VOA	volatile organic analyte
VOC	volatile organic compound
VZS	vadose zone soil
W	
WHO	World Health Organization
WW	wastewater
WWTP	wastewater treatment plant

X

XSVE

extreme soil vapor extraction