

## 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
<b>N</b>	
NA	not applicable
NOD	natural oxidant demand
NPDES	National Pollutant Discharge Elimination System
<b>O</b>	
OSHA	Occupational Safety and Health Administration
<b>P</b>	
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
<b>Q</b>	
qPCR	quantitative polymerase chain reaction
<b>R</b>	
RCRA	Resource Conservation and Recovery Act
RL	reporting limit
RPP	Rigid Porous Polyethylene
RSL	regional screening level
<b>S</b>	
SDWA	Safe Drinking Water Act
SIM	selective ion monitoring
SPE	solid-phase extraction
SVOC	semivolatile organic compound
<b>T</b>	
TCE	trichloroethylene
TRI	Toxics Release Inventory
TSCA	Toxic Substances Control Act
TWA	time-weighted average
<b>U</b>	
UCMR3	Third Unregulated Contaminant Monitoring Rule
USEPA	U.S. Environmental Protection Agency
UV	ultraviolet
<b>V</b>	
VOA	volatile organic analyte
VOC	volatile organic compound
VZS	vadose zone soil
<b>W</b>	
WHO	World Health Organization
WW	wastewater
WWTP	wastewater treatment plant

**X**

XSVE

extreme soil vapor extraction