

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