

ASTM	ASTM International
AOC	area of concern
BAZ	biologically active zone
BTEX	benzene, toluene, ethylbenzene, and xylene
BUI	beneficial use impairment
CIL	chemical isolation layer
cm	centimeter
C_{pw}	COC concentration in the porewater at equilibrium
C_s	COC Concentration in sorbent at equilibrium
C_{sed}	COC concentration in the sediment at equilibrium
CFR	Code of Federal Regulations
COC	contaminant of concern
COPC	contaminant of potential concern
CSM	conceptual site model
cy	cubic yard
DDT	dichlorodiphenyltrichloroethane
DNAPL	dense nonaqueous-phase liquid
DOC	dissolved organic carbon
DQO	data quality objective
DV	Darcy velocity
EBGCR	East Branch Grand Calumet River
ECOS	Environmental Council of the States
EFDC	Environmental Fluid Dynamics Code
EGLE	Michigan Department of Environment, Great Lakes, and Energy
EPA	Environmental Protection Agency, see also USEPA
ERIS	Environmental Research Institute of the States
GAC	granular activated carbon
GPS	global positioning system
HMW	high molecular weight
ITRC	Interstate Technology and Regulatory Council
K	hydraulic conductivity
K_d	adsorption-desorption distribution coefficient
K_f	Freundlich's constant
K_{oc}	organic carbon-water partition coefficient
kg/m²/cm	kilograms per square meter per centimeter
L/kg	liters per kilogram
lb/cf	pounds per cubic feet
LMW	low molecular weight

LNAPL	light nonaqueous-phase liquid
LPR	Lower Passaic River
µg	microgram
µg/kg	micrograms per kilogram
mg/kg	milligram per kilogram
µg/L	micrograms per liter
MGP	manufactured gas plant
mV	millivolt
NAPL	nonaqueous-phase liquid
NFIP	National Flood Insurance Program
NOM	natural organic matter
OBB	oleophilic biobarrier
OU	Operable Unit
PAC	powdered activated carbon
PAH	polycyclic aromatic hydrocarbon
PCB	polychlorinated biphenyl
PFAS	polyfluorinated alkyl substances
PGM Site	Portland Gas Manufacturing Site
PM	particulate matter
ppb	parts per billion
QA	quality assurance
QC	quality control
QA/QC	quality assurance and quality control
QoL	quality of life
RAO	remedial action objective
RCM	Reactive Core Mat®
RTK	real-time kinematic
RG	remedial goal
ROD	Record of Decision
SPI	sediment profile imaging
SWAC	surface area weighed average concentrations
TOC	total organic carbon
TPH	total petroleum hydrocarbons
UCL	upper confidence limit
USACE	United States Army Corp of Engineers
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
VHG	vertical hydraulic gradient
VOC	volatile organic compound
WASP	Water Quality Analysis and Simulation Program

ZVI

zero-valent iron