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Acronyms

AALM	All Ages Lead Model
ABA	absolute bioavailability
ADAF	age–dependent adjustment factor
ADD	average daily dose
ALAD	aminolevulinic acid dehydratase
ALM	Adult Lead Methodology
APS	advanced photon source
ARAR	Applicable or Relevant and Appropriate Requirement
ATSDR	Agency for Toxic Substances and Disease Registry
AUC	area under the curve
BaP	benzo(a)pyrene
BARGE	BioAccessibility Research Group of Europe
BCS	Bioavailability of Contaminants in Soil
bgs	below ground surface
BLL	blood lead level
CAB	California Arsenic Bioaccessibility (Method)
CCA	chromated copper arsenate
CD	criteria document
CDC	Centers for Disease Control and Prevention
CEC	cation exchange capacity
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CG	cleanup goal
CR	cancer risk
CRM	certified reference material
CSF	cancer slope factor

CSM	conceptual site model
DCM	dichloromethane
DNA	deoxyribose nucleic acid
DOH	(Hawaii) Department of Health
DTSC	(California) Department of Toxic Substance Control
DQO	data quality objective
DU	decision unit
ECOS	Environmental Council of the States
ELCR	excess lifetime cancer risk
EMPA	electron microprobe analysis
ERIS	Environmental Research Institute of the States
ESTCP	Environmental Security Technology Certification Program
EVA	ethyl vinyl acetate
FDA	Food and Drug Agency
FOREhST	Fed Organic Estimation Human Simulation Test
GI	gastrointestinal
HHRA	human health risk assessment
HI	hazard index
HOC	hydrophobic organic compound
HQ	hazard quotient
IARC	International Agency for Research on Cancer
ICCVAM	Interagency Coordinating Committee for Validation of Alternative Methods
IEUBK	integrated exposure uptake biokinetic (model)
IRIS	Integrated Risk Information System
ISM	incremental sampling methodology
ISO	International Organization for Standards
ITRC	Interstate Technology and Regulatory Council
IVBA	in vitro bioaccessibility
IVIVC	in vivo – in vitro correlation

IVG	(Ohio State University, OSU) In Vitro Gastrointestinal
LADD	lifetime daily dose
MGP	manufactured gas plant
MMOA	mutagenic mode of action
NAPL	nonaqueous phase liquid
NAS	National Academy of Science
NRC	National Research Council
NTP	National Toxicology Program
OC	organic carbon
OECD	Organisation for Economic Co-operation and Development
OEHHA	(California) Office of Environmental Health Hazard Assessment
OSWER	Office of Solid Waste and Emergency Response
PAH	polycyclic aromatic hydrocarbon
PBET	(Royal Military College, RMC) Physiologically Based Extraction Test
PCB	polychlorinated biphenyls
PRA	probabilistic risk assessment
PRG	preliminary remediation goal
QA/QC	quality assurance/quality control
RAGS	Risk Assessment Guidance for Superfund
RBA	relative oral bioavailability
RBALP	Relative Bioaccessibility Leaching Procedure
RBCA	risk-based corrective action
RCRA	Resource Conservation and Recovery Act
RfC	reference concentration
RfD	reference dose
RME	reasonable maximum exposure
RPF	relative potency factor
RSD	Relative standard deviation
RSL	regional screening level

SAFR	small arms firing range
SBRC	Solubility/Bioavailability Research Consortium
SEM	standard error of the mean
SEP	sequential extraction procedures
SERDP	Strategic Environmental Research and Development Program
SHIME	Simulator of the Human Intestinal Microbial Ecosystem
SOM	soil organic matter
SOP	standard operating procedure
SRM	standard reference material
TCR	target cancer risk
TEF	toxicity equivalence factor
THI	target hazard index
THQ	target hazard quotient
UBM	Unified BARGE Method, Unified Bioaccessibility Method
UCL	upper confidence limit
USACE	United States Army Corps of Engineers
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
WHO	World Health Organization
XAS	X-ray absorption spectroscopy