



Canadian Environmental Quality Guidelines

ABBREVIATIONS

AAR	acceptable application rate	LOEL	lowest-observed-effect level
ACR	acute:chronic ratio	LT₅₀	median lethal time
ADI	acceptable daily intake	MAC	maximum acceptable concentration
AF	application factor	MATC	maximum acceptable toxicant concentration
a.i.	active ingredient	n	number
AO	aesthetic objective	NA	not available
AVS	acid volatile sulphide	NC	not calculated
BAF	bioaccumulation factor	ND	not detected
BCF	bioconcentration factor	NGR	National Geochemical Reconnaissance
BEDS	Biological Effects Database for Sediments	NOAEL	no-observed-adverse-effect level
bw	body weight	NOEAR	no-observed-effect application rate
CAS	Chemical Abstracts Service	NOEC	no-observed-effect concentration
CCME	Canadian Council of Ministers of the Environment	NOED	no-observed-effect dose
CEC	cation exchange capacity	NOEL	no-observed-effect level
CEPA	Canadian Environmental Protection Act	NOLC	no-observed-lethality concentration
DCF	dose conversion factor	NSTP	National Status and Trends Program
DOC	dissolved organic carbon	PDWC	percentage drinking water contribution
DT₅₀	median dissipation time	PEL	probable effect level
dw	dry weight	QSAR	quantitative structure activity relationship
EQG	environmental quality guidelines	RC	reference concentration
EC₅₀	median effect concentration	RfD	reference dose
ED₅₀	median effect dose	SEM	simultaneously extractable metals
ERL	effects range low	SF	safety factor
ERM	effects range median	SMATC	species maximum acceptable toxicant concentration
FI	daily food intake rate	SQG	soil quality guideline
fw	fresh weight	SQGE	environmental soil quality guideline
GSC	Geological Survey of Canada	SQGF	final soil quality guideline
IC₅₀	median inhibition concentration	SQGH	human health soil quality guideline
IMAC	interim maximum acceptable concentration	SQGI	soil quality guideline for food ingestion
IR	irrigation rate	SQGSC	soil quality guideline for soil contact
ISQG	interim sediment quality guideline	SQO	soil quality objective
IUPAC	International Union of Pure and Applied Chemistry	SSTT	spike sediment toxicity test
K_d	soil absorption coefficient	TDI	tolerable daily intake
K_{oc}	organic carbon–water partition coefficient	TEC	threshold effects concentration
K_{ow}	octanol–water partition coefficient	TEL	threshold effect level
LC₅₀	median lethal concentration	TL_m	median threshold limit
LD₅₀	median lethal dose	TOC	total organic carbon
LOAEL	lowest-observed-adverse-effect level	TRG	tissue residue guideline
LOD	level of detection	UV	ultraviolet
LOEAR	lowest-observed-effect application rate	WIR	daily water intake
LOEC	lowest-observed-effect concentration	wt	weight
LOED	lowest-observed-effect dose	ww	wet weight
		w/w	weight over weight