

# ACRONYMS

## ACRONYM

## DEFINITION

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AL	Action level
AOC	Assimilable organic carbon
AWOP	Area-wide Optimization Program
AWWA	American Water Works Association
BAC	Biologically active carbon
BAF	Biologically active filtration
BAT	Best available technology
Br <sup>-</sup>	Bromide
BrO <sub>3</sub> <sup>-</sup>	Bromate
CAA	Clear Air Act
CCP	Composite Correction Program
CCR	Consumer Confidence Report
CD	Capacity Development
CDC	Centers for Disease Control
CFE	Combined filter effluent
CFR	Code of Federal Regulations
ClO <sub>2</sub>	Chlorine dioxide
ClO <sub>2</sub> <sup>-</sup>	Chlorite
CPE	Comprehensive performance evaluation
C-T	Concentration of disinfectant residual multiplied by contact time
CT <sub>calc</sub>	CT/log removal as calculated using plant data
CT <sub>99.9</sub>	CT/log removal for a 3-log removal from CT tables
CT <sub>99.99</sub>	CT/log removal for a 4-log removal from CT tables
CTA	Comprehensive Technical Assistance
CWA	Clean Water Act
C (or CWS)	Community water system
D/DBP	Disinfectant and disinfection by-product
D/DBPR	Disinfectant and disinfection by-product rule (Stage 1)
DBP	Disinfection by-product
DEP	Kentucky Department for Environmental Protection
DOC	Dissolved organic carbon
DOW	Kentucky Division of Water
DW SRF	Drinking water state revolving fund
EBCT	Empty bed contact time
EC	Enhanced coagulation
EDC	Endocrine-disrupting compounds
ERP	Enforcement Response Protocol
EPA	Environmental Protection Agency
EEC	Energy and Environment Cabinet
EPTDS	Entry point to the distribution system
ERP	Emergency Response Plan
ERT	Kentucky DEP's Environmental Response Team
ETT	Enforcement targeting tool
GAC	Granular activated carbon
GAC10	Granular activated carbon with an EBCT of 10 minutes and reactivation frequency of 180 days
GAC20	Granular activated carbon with an EBCT of 20 minutes and reactivation frequency of 180 days
GW	Groundwater

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GWP	Groundwater Purchaser
GWPP	Groundwater protection plans
GWR	Groundwater Rule
GWUDI	Groundwater under the direct influence (of surface water)
HAA <sub>5</sub>	Haloacetic acids (chloroacetic acid, dichloroacetic acid, trichloroacetic acid, bromoacetic acid and dibromoacetic acid)
HAN	Haloacetonitriles
HPC	Heterotrophic plate count
ICR	Information Collection Rule
IDSE	Initial Distribution System Evaluation
IFE	Individual filter effluent
IESWTR	Interim Enhanced Surface Water Treatment Rule
IOC	Inorganic contaminant
KAR	Kentucky Administrative Regulations
KRS	Kentucky Revised Statutes
KPDES	Kentucky Pollution Discharge Elimination System
LCR	Lead and Copper Rule
Log	Logarithm (common, base 10)
LOW	Letter of warning
LRAA	Locational running annual average
LTESWTR	Long Term Enhanced Surface Water Treatment Rule
LT1	Long Term 1 Enhanced Surface Water Treatment Rule
LT2	Long Term 2 Enhanced Surface Water Treatment Rule
M/DBP	Microbial/disinfection by-products
MCL	Maximum contaminant level
MCLG	Maximum contaminant level goal
MF	Membrane filtration
ug/L	Micrograms per liter
mg/L	Milligram per liter
MGD	Million gallons per day
MIEX	Magnetic resin (trademark name for a resin specific for DOC removal)
MIOX	Mixed oxidant (disinfectant)
MOR	Monthly operating report
M/R (or M&R)	Monitoring and reporting
MRDL	Maximum residual disinfectant level
MRDLG	Maximum residual disinfectant level goal
MDL	Minimum detection level
MRL	Minimum reporting level
NC (or TNCWS)	Transient, non-community water system
NDWAC	National Drinking Water Advisory Council
NPDWR	National primary drinking water regulations
NSF	National Sanitation Foundation
NTU	Nephelometric turbidity unit
NTNC (or NTNCWS)	Non-transient, non-community water system
NOM	Natural organic matter
NOV	Notice of violation
OSHA	Occupational Safety and Health Act (KOSH in KY)
O <sub>3</sub>	Ozone
PAC	Powdered activated carbon
PACI	Polyaluminum chloride (a coagulant)

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PBT	Performance-Based Training
PE	Performance evaluation
pCi/liter	Picocuries per liter
PN	Public notification (or public notice)
PODR	Point of diminishing return
ppb	Parts per billion
ppm	Parts per million
ppt	Parts per trillion
PPCP	Pharmaceutical and personal care products
PWS	Public water system
QA	Quality assurance
QC	Quality control
RAA	Running annual average
RAD	Radionuclide
RMP	Risk Management Plans (for Clean Air Act compliance)
RO	Reverse Osmosis
RT	Routine
RTC	Return to compliance
RP	Repeat
SCADA	System Control and Data Acquisition
SDWA	Safe Drinking Water Act (as amended in 1996)
SDWIS	Safe Drinking Water Information System
SEC	Secondary drinking water contaminants
SNC	Significant non-compliance
SOC	Synthetic organic contaminant
SP	Semi-public water system (KY)
SPAP	Special Appropriations Grant
SRF	State Revolving Loan Fund
SS	Sanitary Survey
Stage 2	Stage 2 Disinfection/Disinfection By-Products Rule
Subpart H	Systems falling under the SWTRs
SUVA	Specific UV absorbance at wavelength 254 ( $\bar{m}$ ) divided by dissolved organic carbon (mg/L) then multiplied by 100 (with units of L/mg-m)
SW	Surface water
SWP	Surface water purchaser
SWTR	Surface Water Treatment Rule
TA	Technical Assistance
TC	Total coliform(s)
TCR	Total Coliform Rule
THM	Trihalomethane
TNCWS	Transient non-community water system
TOC	Total organic carbon
Treated Water	Considered no later than the combined filter effluent
TT	Treatment technique
TTHM	Total trihalomethanes (chloroform, bromodichloromethane, dibromochloromethane and bromoform)
USGS	United States Geological Survey
UV	Ultraviolet light
UV <sub>254</sub>	Ultraviolet wavelength at 254 nanometers ( $\bar{m}$ )
VA	Vulnerability Assessment

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VOC	Volatile organic contaminant
WEA	Water Environment Association
WHPA	Wellhead Protection Area
WHPP	Wellhead protection plan
WQP	Water quality parameters
WTP	Water treatment plant