

## ABBREVIATIONS

### ABBREVIATION

### DEFINITION

ANSI	American National Standards Institute
APHA	American Public Health Association
API	American Petroleum Institute
ASAP	As Soon As Possible
ASCE	American Society of Civil Engineers
ASME	American Society of Mechanical Engineers
ASTM	American Society for Testing and Materials
AWWA	American Water Works Association
BAT	Best Available Technology
CAFO	Concentrated Animal Feeding Operations
CCPP	Calcium Carbonate Precipitation Potential
CFD	Computational Fluid Dynamics
CFR	Code of Federal Regulations
CPVC	Chlorinated Polyvinyl Chloride
CT	Concentration-Time Product
DAF	Dissolved Air Flotation
DBPs	Disinfection By-Products
DIP	Ductile Iron Pipe
DIPRA	Ductile Iron Pipe Research Association
DWR	Division of Water Resources
DO	Dissolved Oxygen
DOT	Department of Transportation
ED	Electrodialysis
EDR	Electrodialysis Reversal
EPCRA	Emergency Planning and Community Right-to-Know Act
FRP	Fiberglass Reinforced Plastic
G	Velocity Gradient
GAC	Granular Activated Carbon
GFCI	Ground Fault Circuit Interrupter
GIS	Geographical Information System
GWR	Groundwater Rule
GWUI	Groundwater Under the Direct Influence of Surface Water
HAA5	Haloacetic Acids (5)
HCW	Horizontal Collector Well
HDPE	High Density Polyethylene
HPC	Heterotrophic Plate Count
IOCs	Inorganic Chemicals
ISO	Insurance Services Office (formerly; now simply ISO)
KAR	Kansas Administrative Regulation

## ABBREVIATIONS (Continued)

<u>ABBREVIATION</u>	<u>DEFINITION</u>
KDHE	Kansas Department of Health and Environment
KDWP	Kansas Department of Wildlife and Parks
KGS	Kansas Geological Survey
KSA	Kansas Statutes Annotated
KWO	Kansas Water Office
LOX	Liquid Oxygen
LP	Low Pressure
LPHO	Low Pressure High Output
LT2ESWTR	Long-Term 2 Enhanced Surface Water Treatment Rule
MCL	Maximum Contaminant Level
MF	Microfiltration
MP	Medium Pressure
MRDL	Maximum Residual Disinfectant Level
NEMA	National Electric Manufacturers Association
NF	Nanaofiltration
NIOSH	National Institute of Occupational Safety and Health
NPDES	National Pollutant Discharge Elimination System
NPSH	Net Positive Suction Head
NSF	National Sanitation Foundation
NTU	Nephelometric Turbidity Unit
O&M	Operation and Maintenance
OSHA	Occupational Safety and Health Administration
PAC	Powdered Activated Carbon
PAHs	Polycyclic Aromatic Hydrocarbons
pK <sub>w</sub>	Ion Product of Water
PSA	Pressure Swing Adsorption
PTFE	Polytetrafluoroethylene
PVC	Polyvinyl Chloride
PVDC	Polyvinylidene Chloride
PVDF	Polyvinylidene Fluoride
PWS	Public Water Supply
PWSSs	Public Water Supply Systems
RCRA	Resource Conservation and Recovery Act
RED	Reduction Equivalent Dose
RMP	Risk Management Plan
RO	Reverse Osmosis
SCADA	Supervisory Control and Data Acquisition
SDWA	Safe Drinking Water Act
SI	Saturation Index
SMCL	Secondary Maximum Contaminant Level

## ABBREVIATIONS (Continued)

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### DEFINITION

SOCs	Synthetic Organic Chemicals
SWA	Source Water Assessment
SWAP	Source Water Assessment Program
SWTR	Surface Water Treatment Rule
TFM	Technical, Financial and Managerial
TOC	Total Organic Carbon
TSA	Thermal Swing Adsorption
TTHMs	Total Trihalomethanes
UF	Ultrafiltration
UL	Underwriters Laboratories
UV	Ultraviolet
UPS	Uninterruptible Power Source
USEPA	United States Environmental Protection Agency (EPA)
UVDGM	UV Disinfection Guidance Manual
UVT	UV Transmittance, %
VOCs	Volatile Organic Chemicals
VSA	Vacuum Swing Adsorption
WEF	Water Environment Federation

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