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GLOSSARY OF TERMS & ABBREVIATIONS

Misc

1993 Feasibility Study *Feasibility Level Evaluation of a Missouri River Regional Water Supply for South Dakota, Iowa and Minnesota*, Banner Associates, Inc., CH2M Hill and Mariah Associates Inc., September 1993

A

ARV Air Release Valve
ASTM American Society for Testing and Materials
AU Animal Unit
AWWA American Water Works Association

B

BA Biological Assessment
BIA Bureau of Indian Affairs
BOD Biochemical Oxygen Demand

C

CaCO₃ Calcium Carbonate - the standard units used to measure hardness and alkalinity
CCT Bureau of Reclamation's Construction Cost Trends index
CF Cubic Feet
CFM Cubic Feet per Minute
CPE Comprehensive Performance Evaluation
CRF Constant Rate Filtration
CY Cubic Yard or Calendar Year

D

DBP Disinfection By-Product
D/DBP Disinfectants-Disinfection By-Products
DENR (South Dakota) Department of Environment and Natural Resources
DI Ductile Iron
DNR (Iowa or Minnesota) Department of Natural Resources
DRF Declining Rate Filtration

DWPL Drinking Water Priority List
DWR (South Dakota) Division of Water Rights

E

EA Environmental Assessment
ED Electrodialysis
EDR Electrodialysis Reversal
EPA U.S. Environmental Protection Agency
ER Environmental Report
ES Effective Size
ESWTR Enhanced Surface Water Treatment Rule

F

FACA Federal Advisory Committee Act
FBR Filter Backwash Rule
FFY Federal Fiscal Year
Firm Pumping Capacity Pumping capacity of a well field or pumping system without the largest well or pump in service.
FPS Feet Per Second
FRP Fiberglass Reinforced Plastic
FT Feet (also ft)
FY Fiscal Year

G

GAC Granular Activated Carbon
GAL Gallon
GPCD Gallons per Capita per Day
GPD Gallons per Day
GPH Gallons per Hour
GPM Gallons per Minute
GSR Ground Storage Reservoir
GWR Ground Water Rule
GWUDI Groundwater Water Under the Direct Influence of Surface Water

H

HAA5	Five Haloacetic Acids
HDPE	High Density Polyethylene
HMI	Human Machine Interface
HP	Horsepower

I

ICR	Information Collection Rule
IDSE	Initial Distribution System Monitoring
IESWTR	Interim Enhanced Surface Water Treatment Rule
IHS	Indian Health Service
IOCs	Inorganic Chemicals

JK

kW	kilowatt
kWh	kilowatt hour

L

L/W	Length to Width
lb	pound
LCR	Lead and Copper Rule
LCRWS	Lewis and Clark Rural Water System, Inc. (abbreviation may be used in tables)
LDL	Lower Detectable Limit
Lewis & Clark	Lewis and Clark Rural Water System, Inc.
LF	Linear Feet
LI	Langelier Saturation Index
LRAA	Locational Running Annual Average
LT2ESWTR	Long Term 2 Enhanced Surface Water Treatment Rule

M

MCLs	Maximum Contaminant Levels
MCLG	Maximum Contaminant Level Goals
MF	Microfiltration
MG	Million Gallons
MGD	Million Gallons per Day (also mgd)

MG/L	Milligram per Liter
MIN	Minutes
MM	Millimeter
MMM	Multimedia Mitigation
MPA	Microscopic Particulate Analysis
MRDL	Maximum Residual Disinfection Levels
MSL	Mean Sea Level
MWCO	Molecular Weight Cutoff
µg/L	Micrograms per Liter
µM	Microns
<hr/>	
N	
NAS	National Academy of Science
NF	Nanofiltration
NPDES	National Pollutant Discharge Elimination System
NRWA	National Rural Water Association
NTU	Nephelometric Turbidity Units (a measure of turbidity)
<hr/>	
O	
OMB	Office of Management and Budget
O&M	Operation and Maintenance
OM&R	Operation, Maintenance and Replacement
ODW	Office of Drinking Water
<hr/>	
PQ	
PAC	Powdered Activated Carbon
PER	Preliminary Environmental Report
PLC	Programmable Logic Controllers
PRV	Pressure Reducing Valve
PSI	Pounds per Square Inch
PVC	Polyvinyl Chloride
PWS	Public Water Supply

R

Reclamation	U.S. Bureau of Reclamation
RO	Reverse Osmosis
RPM	Revolutions per Minute
RTU	Remote Terminal Unit

S

SCADA	Supervisor Control and Data Acquisition
SCFM	Standard Cubic Feet per Minute
SCS	Soil Conservation Service
SDI	Silt Density Index
SDWA	Safe Drinking Water Act
SEC	Second
SF	Square Feet
SMCLs	Secondary Maximum Contaminant Levels
SOCs	Synthetic Organic Chemicals
SUVA	Specific Ultraviolet Absorbance
SWD	Side Wall Depth (also Side Water Depth)
SWTR	Surface Water Treatment Rule

T

TCR	Total Coliform Rule
TDH	Total Dynamic Head
TDS	Total Dissolved Solids. The amount of dissolved solids
Ten States Standards	<i>Great Lakes Upper Mississippi River Board of State Public Health & Environmental Managers Recommended Standards for Water Works, 1997</i>
THM	Trihalomethanes
TMP	Transmembrane Pressure
TOC	Total Organic Carbon
TTHM	Total Trihalomethanes

_____ U _____	
UC	Uniformity Coefficient
UF	Ultrafiltration
Unaccounted -For Water	The difference between water production records and water sales records. Unaccounted-for water is due to causes such as malfunctioning meters, line loss, line flushing, and fire flows
USGS	United States Geological Survey
UV	Ultraviolet
_____ V _____	
VE	Value Engineering
VFD	Variable Frequency Drives
VOCs	Volatile Organic Chemicals
_____ WXYZ _____	
WPP	Water Purification Plant (Sioux Falls)
WTP	Water Treatment Plant