



## **List of Acronyms**

### **A:**

ACR:	Acute to Chronic Ratio
AIP:	Antidegradation Rule and Implementation Procedure
AML:	Average Monthly Limit
AQL:	Protection of Warm Water Aquatic Life and Human Health

### **B:**

BAT:	Best Available Technology Economically Achievable
BCT:	Best Conventional Pollutant Control Technology
BLM:	Biotic Ligand Model
BMP:	Best Management Practice
BOD:	Biochemical Oxygen Demand
BOD <sub>5</sub> :	5-day Biochemical Oxygen Demand
BPJ:	Best Professional Judgment
BPT:	Best Practicable Control Technology Currently Available
BTA:	Best Technology Available

### **C:**

CBOD:	Carbonaceous BOD
CBOD <sub>5</sub> :	5-day Carbonaceous Biochemical Oxygen Demand
CCC:	Criteria Continuous Concentration
CDF:	Cold Water Fishery
CFR:	Code of Federal Regulations
cfs:	cubic foot per second
ChV:	Chronic Value
CMC:	Criteria Maximum Concentration
COD:	Chemical Oxygen Demand
COE:	US Army Corps of Engineers
CSO:	Combined Sewer Overflow
CSR:	Code of State Regulations
CSS:	Combined Sewer System
CTE:	Chronic Toxicity Endpoint
CV:	Coefficient of Variation
CWA:	Clean Water Act
CWC:	Clean Water Commission

### **D:**

DEQ:	Division of Environmental Quality
DF:	Dilution Factor
DGLS:	Division of Geology and Land Survey
DMR:	Discharge Monitoring Report
DNR:	Missouri Department of Natural Resources
DO:	Dissolved Oxygen
DHSS:	Missouri Department of Health and Senior Services

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DW: Drinking Water

DWS: Drinking Water Supply

**E:**

EC: Effluent Concentration

EDU: Ecological Drainage Unit

ELG: Effluent Limitations Guidelines

ELGS: Effluent Limitations Guidelines and Standards

EPA: US Environmental Protection Agency

EWQ: Existing Water Quality

ESA: Endangered Species Act

**F:**

FAC: Facility Assimilative Capacity

FR: Federal Register

FSR: Federal/State Regulation

FWS: Fish and Wildlife Service

**G:**

gpd: Gallons per Day

**H:**

HHC: Human Health Criteria

HUC: Hydrologic Unit Code

**I:**

I/I: Infiltration/Inflow

IC: Inhibition Concentration

IND: Industrial

IRR: Irrigation

**L:**

LA: Load Allocation

LC: Lethal Concentration

LC<sub>50</sub>: Concentration at which 50% of test organisms die in a specified time period

LD: Lethal Dose

LD<sub>50</sub>: Dose at which 50% of test organisms die in a specific time period

LOAEL: Lowest Observed Adverse Effect Level

LOEC: Lowest Observed Effect Concentration

LTA: Long-Term Average

LWW: Livestock &amp; Wildlife Watering

**M:**

MCL: Maximum Containment Level

MDEL: Minimally degrading effluent limit

MDC: Missouri Department of Conservation

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MDL:	Method Detection Limit
MDNR:	Missouri Department of Natural Resources
MGD:	Million gallons per day
mg/L:	Milligram per Liter
ML:	Minimum Level
MZ:	Mixing Zone
N:	
ND:	Non-detect
NDEL:	Non-degrading Effluent Limit
NOAEL:	No Observed Adverse Effect Level
NOEC:	No Observed Effect Concentration
NPDES:	National Pollutant Discharge Elimination System
NSPS:	New Source Performance Standards
ONRW:	Outstanding National Resource Waters
OP:	Operating Permit
OSRW:	Outstanding State Resource Waters

<b>P:</b>	
PEL:	Preferred Alternative Effluent Limit
POC:	Pollutant of Concern
POTW:	Publicly-Owned Treatment Works
ppb:	Parts per Billion
ppm:	Parts per Million
PSES:	Pretreatment Standards for Existing Sources
PSNS:	Pretreatment Standards for New Sources
PSC:	Missouri Public Service Commission

<b>Q:</b>	
QAPP:	Quality Assurance Project Plan
QA/QC:	Quality Assurance/Quality Control
QL:	Quantification Level

<b>R:</b>	
RO:	DNR Regional Office
RPA:	Reasonable Potential Analysis
RPTE:	Reasonable Potential to Exceed

<b>O:</b>	
O&G:	Oil and Grease
O&M:	Operations and Maintenance
ONRW:	Outstanding National Resource Waters
OSRW:	Outstanding State Resource Waters

<b>R:</b>	
RAC:	Reference Ambient Concentration

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RPA: Reasonable Potential Analysis  
 RSMo: Revised Statutes of the State of Missouri  
 RWC: Receiving Water Concentration

**S:**

SCR: Secondary Contact Recreation  
 SEI: Social and Economic Importance  
 SIC: Standard Industrial Classification  
 SSO: Sanitary Sewer Overflow  
 SWMP: Stormwater Management Program  
 SWPPP: Stormwater Pollution Prevention Plan

**T:**

TBEL: Technology-Based Effluent Limit  
 TEF: Toxic Equivalency Factor  
 TEQ: Toxic Equivalent  
 TMDL: Total Maximum Daily Load  
 TSD: Technical Support Document for Water Quality-Based Toxic Control  
 TR: Total Recoverable  
 TRI: Toxic Release Inventory  
 TRC: Total Residual Chlorine  
 TSS: Total Suspended Solid

**U:**

UAA: Use Attainability Analysis  
 USGS: US Geological Survey  
 UV: ultraviolet (disinfection)

**V:**

VOC: Volatile Organic Compound

**W:**

WBCR: Whole Body Contact Recreation  
 WET: Whole Effluent Toxicity  
 WLA: Waste Load Allocation  
 WPP: Water Protection Program  
 WQAR: Water Quality and Antidegradation Review  
 WQBEL: Water Quality-Based Effluent Limit  
 WQC: Water Quality Criteria  
 WQS: Water Quality Standards  
 WQRA: Water Quality Review Assistance  
 WWTF: Wastewater Treatment Facility

**Z:**

ZID: Zone of Initial Dilution