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List of Acronyms

°C	degrees Celsius
°F	degrees Fahrenheit
µg/g	microgram(s) per gram
µg/m ³	microgram(s) per cubic meter
2003 Biological Opinion	<i>USFWS 2003 Amendment to the 2000 Biological Opinion on the Operation of the Missouri River Mainstem Reservoir System Operation and Maintenance of the Missouri River Bank Stabilization and Navigation Project and Operation of the Kansas River Reservoir System</i>
2009–2010 AOP	Missouri River Mainstem Reservoir System 2009–2010 Annual Operating Plan
AADT	average annual daily traffic
ACHP	Advisory Council on Historic Preservation
AD	<i>Anno domini</i>
ADCP	acoustic Doppler current profiler
ADT	average daily traffic
AIRFA	American Indian Religious Freedom Act of 1978
AOP	Annual Operating Plan
APE	area of potential effect
ASB bridge	Armor, Swift, Burlington bridge
BC	before Christ

List of Acronyms (continued)

BMP	best management practice
BNSF	Burlington Northern Santa Fe Railway
BSNP	Bank Stabilization and Navigation Project
CA	Conservation Area
CAA	Clean Air Act
Capital–Boonville	Capital Sand Company – Boonville Facility
Capital–Carrollton	Capital Sand Company – Carrollton Facility
Capital–Glasgow	Capital Sand Company – Glasgow Facility
Capital–Jefferson	Capital Sand Company – Jefferson City Facility
Capital–Lexington	Capital Sand Company – Lexington Facility
Capital–Rocheport	Capital Sand Company – Rocheport Facility
Capital–Washington	Capital Sand Company – Washington Facility
CEQ	Council on Environmental Quality
CFR	Code of Federal Regulations
cfs	cubic foot (feet) per second
CO	carbon monoxide
CO ₂ e	carbon dioxide equivalent
CRP	Construction Reference Plane
CSR	Code of State Regulations
CWA	Clean Water Act
CWCP	Missouri River Mainstem Reservoir Current Water Control Plan
CZMA	Coastal Zone Management Act of 1972, as amended
DA	Department of the Army
dB	decibel
dBA	A-weighted decibels

List of Acronyms (continued)

DBH	diameter at breast height
DDT	dichlorodiphenyltrichloroethane
DFIRM	Digital Flood Insurance Rate Map
DO	dissolved oxygen
DPM	diesel particulate matter
EA	environmental assessment
EAC	early action compact area
EIS	environmental impact statement
EPA	U.S. Environmental Protection Agency
ERDC	U.S. Army Corps of Engineers Engineer Research and Development Center
ESA	Endangered Species Act
FEMA	Federal Emergency Management Agency
FERC	Federal Energy Regulatory Commission
FFPA	Farmland Protection Program Act
FHWA – KS	Federal Highway Administration – Kansas
FHWA – MO	Federal Highway Administration – Missouri
FICA	Federal Insurance Contributions Act
FIRM	Flood Insurance Rate Map
FOB	free-on-board, freight-on-board
FOCUS	Forging Our Comprehensive Urban Strategy
FONSI	Finding of No Significant Impact
FR	Federal Register
FRM	Flood Risk Management
FWCA	Fish and Wildlife Coordination Act of 1958
GAMS	General Algebraic Modeling System

List of Acronyms (continued)

GDP	gross domestic product
GHG	greenhouse gas
GIS	geographic information systems
gpm	gallon(s) per minute
gpd	gallon(s) per day
GPS	Global Positioning System
GRR	General Reevaluation Report
GSP	gross state product
HBED	hydroacoustic bed elevation data
Hermann–Hermann	Hermann Sand & Gravel – Hermann Facility
Hermann–Jefferson City	Hermann Sand & Gravel – Jefferson City Facility
Historic Trail	The Lewis and Clark National Historic Trail
Holliday–Randolph	Holliday Sand & Gravel Company – Randolph Facility
Holliday–Riverside	Holliday Sand & Gravel Company – Riverside Facility
HPMP	Historic Properties Management Plan
HRA	health risk assessment
I-229	Interstate 229
IBA	important bird area
IDNR	Illinois Department of Natural Resources
IDOT	Illinois Department of Transportation
IEPA	Illinois Environmental Protection Agency
IMPLAN	IMpact Analysis for PLANning
Integrated Report	Integrated 303(d)/305(b) Report
I-O	input-output
IPL	Independence Power & Light

List of Acronyms (continued)

J.T.R.	Jotori, Inc.
J.T.R.–Riverview	J.T.R. – Riverview Facility
J.T.R.–St. Charles	J.T.R. – St. Charles Facility
KCP&L	Kansas City Power & Light
KCS	Kansas City Southern Railway Company
KDA	Kansas Department of Agriculture
KDHE	Kansas Department of Health and Environment
KDOR	Kansas Department of Revenue
KDOT	Kansas Department of Transportation
KDWP	Kansas Department of Wildlife and Parks
km	kilometer(s)
KSGS	Kansas Geological Survey
KSHPO	Kansas State Historic Preservation Office
KWO	Kansas Water Office
L-385	Riverside Levee
L_{dn}	day-night level
L_{eq}	equivalent sound level
LEDPA	least environmentally damaging practicable alternative
Limited–Bridgeton	Limited Leasing Company – Bridgeton Facility
Limited–Chesterfield	Limited Leasing Company – Chesterfield Facility
Limited–Fort Belle	Limited Leasing Company – Fort Belle Facility
LOMR	lower Missouri River
LRP	Land Reclamation Program
LWCFA	Land and Water Conservation Fund Act
m	meter(s)

List of Acronyms (continued)

Master Manual Study	Missouri River Master Water Control Manual Review and Update Study
Master Manual	<i>Missouri River Reservoir Master Water Control Manual</i>
Master's–Waldron	The Master's Dredging Company proposed Waldron facility
MBCA	Migratory Bird Conservation Act
MBTA	Migratory Bird Treaty Act
MDC	Missouri Department of Conservation
MDNR	Missouri Department of Natural Resources
MERIC	Missouri Economic Research and Information Center
Metro Green	Kansas City Metropolitan Greenway System
Mg	milligram(s)
mg/l	milligram(s) per liter
mg/m ³	milligram(s) per cubic meter
mm	millimeter(s)
MMPA	Marine Mammal Protection Act of 1972
MoDOT	Missouri Department of Transportation
mph	mile(s) per hour
MRAPS	Missouri River Authorized Purposes Study
MRIO	multi-region input-output
MRRIC	Missouri River Recovery Implementation Committee
MRRP	Missouri River Recovery Program
MW	megawatt(s)
NAAQS	National Ambient Air Quality Standards
NDEQ	Nebraska Department of Environmental Quality
NEPA	National Environmental Policy Act
NFEA	National Fishing Enhancement Act of 1984

List of Acronyms (continued)

NFIP	National Flood Insurance Program
ng/g	nanogram(s) per gram
NGO	non-governmental organization
NGPD	Nebraska Game and Parks Department
NHPA	National Historic Preservation Act
NMFS	National Marine Fisheries Service
NOAA	National Oceanographic and Atmospheric Administration
NODR	Nebraska Department of Roads
NOI	notice of intent
NO _x	oxides of nitrogen
NPS	National Park Service
NRCS	Natural Resources Conservation Services
NRHP	National Register of Historic Places
NSR	New Source Review
NWI	National Wetlands Inventory
O&M	operations and maintenance
OC	organochlorine pesticides
OEHHA	Office of Environmental Health Hazard Assessment
OHWM	ordinary high water mark
OTEC	ocean thermal energy conversion
PA	Programmatic Agreement
PAH	polycyclic aromatic hydrocarbon(s)
Pb	lead
PCB	polychlorinated biphenyl
PM	particulate matter

List of Acronyms (continued)

PM ₁₀	respirable particulate matter
ppm	part(s) per million
PL	Public Law
PS	“Park and Scenic” (zoning district)
Rau–Washington	Edward N. Rau Contractor Company – Washington Facility
RCL	rectified channel lines
Reconnaissance Study Report	The Missouri River Bed Degradation Reconnaissance Study Report
RHA	Rivers and Harbors Act
RM	river mile
ROD	Record of Decision
ROG	reactive organic gases
RPMA	Recovery Priority Management Area
SCORP	Statewide Comprehensive Outdoor Recreation Plan
SEMEP	Series Expansion of the Modified Einstein Procedure
SHPO	State Historic Preservation Officer
SIP	State Implementation Plan
SO ₂	sulfur dioxide
Std	standard
STIP	Statewide Transportation Improvement Program
System	Missouri River Mainstem Reservoir System
TAC	toxic air contaminant
TMDL	total maximum daily load
TSS	total suspended solids
UPRR	Union Pacific Railroad
USACE	U.S. Army Corps of Engineers

List of Acronyms (continued)

USBR	U.S. Bureau of Reclamation
USC	United States Code
USCG	U.S. Coast Guard
USDA	U.S. Department of Agriculture
USEPA	U.S. Environmental Protection Agency
USFWS	U. S. Fish and Wildlife Service
USGS	U.S. Geological Survey
VOC	Volatile organic compound
WAP	Waterways Action Plan
WaterOne	Water District No. 1 of Johnson County, Kansas
WRP	Wetland Reserve Program
WSD	Missouri Water Services Department
WSRA	Wild and Scenic Rivers Act