
Acronyms and Abbreviations

ACI	American Concrete Institute
ASIL	ambient source impact level
AWWA	American Water Works Association
AWWF	average wet-weather flow
BNSF	Burlington Northern-Santa Fe (railway)
BOD	biochemical oxygen demand
CEPC	chemically enhanced primary clarification
CFR	Code of Federal Regulations
cfs	cubic feet per second
CSO	combined sewer overflow
Ecology	Washington State Department of Ecology
E/E	engineering and environmental constraints
Constraints	
EERI	Earthquake Engineering Research Institute
EIS	environmental impact statement
EPA	U.S. Environmental Protection Agency
ESA	Endangered Species Act
ESF	Emergency Support Function
FEMA	Federal Emergency Management Agency
g	gravitational acceleration
gpm	gallons per minute
IBC	International Building Code
IFC	International Fire Code
I/I	inflow/infiltration
LiDAR	light detection and ranging
M	magnitude
MBR	membrane bioreactor
MCE	maximum considered earthquake
MCEER	Multidisciplinary Center for Earthquake Engineering
Metro	Municipality of Metropolitan Seattle or King County Department of Metropolitan Services
MG	million gallons
mgd	million gallons per day
mg/L	milligrams per liter
MLSS	mixed liquor suspended solids

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NASA	National Air and Space Administration
NEHRP	National Earthquake Hazards Reduction Program
NPDES	National Pollutant Discharge Elimination System
OFR	open file report
PSHA	probabilistic seismic hazards analyses
PUD	public utility district
RAS	return activated sludge
RWSP	Regional Wastewater Services Plan
SEPA	State Environmental Policy Act
SKEA	Sno-King Environmental Alliance
SR	state route
SWIF	Southern Whidbey Island Fault
TCLEE	Technical Council on Lifeline Earthquake Engineering (American Society of Civil Engineers)
TKN	total kjeldahl nitrogen
UPRR	Union Pacific Railroad
USGS	U.S. Geological Survey
VOC	volatile organic compound
WAC	Washington Administrative Code
WTD	King County Wastewater Treatment Division