
Acronyms and Abbreviations

AAF	average annual flow
AASHTO	American Association of State Highway and Transportation Officials
ACI	American Concrete Institute
ADR	Architectural Design Criteria
ADWF	average dry-weather flow
ADT	average daily traffic
ANSI	American National Standards Institute
APT	advanced primary treatment
AR	aquatic resource
ASIL	ambient source impact level
ASP	amnesic shellfish poisoning
ASTM	American Society for Testing and Materials
AWDT	average weekday traffic
AWT	advanced wastewater treatment
AWWF	average wet-weather flow
BACT	best available control technology
BASTE	Bay Area Sewage Toxics Emission model
BETX	Xylenes (benzene, ethyl benzene, toluene, and zylene)
bgs	below ground surface
BMP	best management practice
BNSF	Burlington Northern-Santa Fe (railway)
BOD	biochemical oxygen demand
BPA	Bonneville Power Administration
BRHL	Bothell Registry of Historic Landmarks
bsp	atmospheric particles (by nephelometer)
CAA	Clean Air Act (federal)
CAO	Critical Area Ordinance
CATAD	computer augmented treatment and disposal system
CAS	conventional activated sludge
CCTV	cable connected television camera
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
cfm	cubic feet per minute
CFR	Code of Federal Regulations
cfs	cubic feet per second
CFU	coliform units
City Light	Seattle City Light
CO	carbon monoxide
COD	chemical oxygen demand
COE	U.S. Army Corps of Engineers
CPP	Countywide Planning Policy
CSO	combined sewer overflow

Acronyms and Abbreviations

CU	conditional use
CUP	conditional use permit
CVSSA	Cross Valley Sole Source Aquifer
CVWD	Cross Valley Water District
CWA	Clean Water Act (federal)
cy	cubic yard
CZMA	Coastal Zone Management Act
DAF	dissolved air flotation
dba	decibel, A-weighted
DDES	King County Department of Development and Environmental Services
DEQ	detailed evaluation question
DNRP	King County Department of Natural Resources and Parks
DO	dissolved oxygen
DOH	Department of Health (Washington State)
DPS	distinct population segment
D/T	dilution to threshold
du	dwelling unit
EAC	Executive Advisory Committee
Ecology	Washington State Department of Ecology
ECDC	Edmonds Community Development Code
EEM	estuarine emergent wetland
EFH	Essential Fish Habitat
EIS	environmental impact statement
EPA	U.S. Environmental Protection Agency
EPF	essential public facility
ESA	Endangered Species Act
ESC	erosion and sediment control
ESI	Eastside Interceptor
E2EM	intertidal emergent
ETS	Effluent Transfer System
FERC	Federal Energy Regulatory Commission
FHWA	Federal Highway Administration
FPA	Forest Practices Act
FS	freeway service
FTA	Federal Transit Administration
FTE	full-time employee
FWPCA	Federal Water Pollution Control Act
GBT	gravity belt thickener
GIS	geographic information system
GMA	Growth Management Act (Washington State)
GMA Board	Central Puget Sound Growth Management Hearings Board
gpd	gallons per day
gpm	gallons per minute

Acronyms and Abbreviations

H ₂ S	hydrogen sulfide
HABS/HAER	Historic American Buildings Survey/Historic American Engineering Record
HAP	hazardous air pollutant
HCP	Habitat Conservation Plan
HDPE	high density polyethylene
HI	heavy industrial
HMP	Habitat Management Plan
HMMP	Hazardous Materials Management Plan
HOV	high occupancy vehicle
hp	horsepower
HPA	Hydraulic Project Approval
HPO	high purity oxygen
HVAC	heating, ventilation, and cooling
HWTM	Hazardous Waste Technical Memorandum
IBC	International Building Code
IDA	International Dark-Sky Association
IDLH	Immediately Dangerous to Life or Health
IESNA	Illuminating Engineering Society of North America
I/I	infiltration/inflow
IPS	influent pump station
IRIS	Integrated Risk Information System
ISO	International Organization for Standardization
ITE	Institute of Transportation Engineers
KCC	King County Code
KCLL	King County Landmarks List
kV	kilovolt
kWh	kilowatt-hour
L _{eq}	maximum hour continuous equivalent level
L ₅₀	mean value of a noise level over a 1-hour monitoring period
LI	light industrial
LID	low-impact development
L1OW	lacustrine limnetic open water
LOS	level of service
L2OW	lacustrine littoral open water
MACT	maximum achievable control technology
MBR	membrane bioreactor
Metro	Municipality of Metropolitan Seattle or King County Department of Metropolitan Services
mgd	millions gallons per day
mg/L	milligrams per liter
MLLW	mean lower low water
MMPA	Marine Mammal Protection Act

Acronyms and Abbreviations

MOSS	Marine Outfall Siting Study
MPA	Marine Protected Area
MSA	Magnuson-Stevens Fishery Conservation and Management Act
MSL	mean sea level
MTBM	microtunnel boring machine
MTCA	Model Toxics Control Act
MTP	Metropolitan Transportation Plan
MVM	million vehicle miles
MW	megawatt
MWh	megawatt hour
MWPAAC	Metropolitan Water Pollution Abatement Advisory Committee
MWWF	maximum wet weather flow
NAAQS	National Ambient Air Quality Standards
NCP	National Contingency Plan
NEPA	National Environmental Policy Act
NESHAPS	National Emissions Standards for Hazardous Air Pollutants
NGVD	National Geodetic Vertical Datum
NHPA	National Historic Preservation Act
NIOSH	National Institute for Occupational Safety and Health
NOAA	National Oceanic and Atmospheric Administration (formerly NMFS—National Marine Fisheries Service)
NOC	Notice of Construction permit
NO _x	nitrous oxides
NPDES	National Pollutant Discharge Elimination System
NPPC	Northwest Power Planning Council
NRDA	Natural Resource Damage Assessment
NRHP	National Register of Historic Places
NTP	north treatment plant
NTU	nephelometric turbidity unit
O ₃	ozone
OAHP	Office of Archeology and Historic Preservation (Washington State)
OCD	Washington State Department of Natural Resources
OHW	ordinary high water mark
OMP	RWSP Operational Master Plan
OSHA	Occupational Health and Safety Act
PAH	polycyclic aromatic hydrocarbon
PBT	persistent, bioaccumulative, and toxic
PCB	polychlorinated biphenyl
PEEP	Pooled Emission Estimation Program
PEM	palustrine emergent wetland
PFO	palustrine forest wetland
PHS	Priority Habitats and Species Program
PM	particulate matter
POTW	publicly owned treatment works

Acronyms and Abbreviations

POW	palustrine open water wetland
ppbV	parts per billion by volume
ppm	parts per million
PPV	peak particle velocity
PSA	portal siting area
PSAMP	Puget Sound Ambient Monitoring Program
PS Clean Air	Puget Sound Clean Air Agency
PSD	Prevention of Significant Deterioration permit
PSE	Puget Sound Energy
psi	pounds per square inch
psig	pounds per square inch gauge
PSP	paralytic shellfish poisoning
PSRC	Puget Sound Regional Council
PSS	palustrine scrub shrub wetland
PSWQAT	Puget Sound Water Quality Action Team
PUD	public utility district
QA/QC	quality assurance/quality control
RCE	residential customer equivalent
RCRA	Resource Conservation and Recovery Act
RCW	Revised Code of Washington
R4SB	riverine intermittent
RI	remedial investigation
RI/FS	remedial investigation/feasibility study
RMS	root mean square
ROV	remotely operated vehicle
ROW	right-of-way
RTA	Regional Transit Authority
R3SB	riverine upper perennial
R2UB	riverine unconsolidated bottom
R2SB	riverine lower perennial
RWQC	King County Regional Water Quality Committee
RWSP	Regional Wastewater Services Plan
SARS	severe acute respiratory syndrome
SCADA	Supervisory Control and Data Acquisition System
SCC	Snohomish County Code
SCCRI	Snohomish County Cultural Resources Inventory
SCHRI	Snohomish County Historic Resources Inventory
SCS	Soil Conservation Service
SCT	Snohomish County Tomorrow
SEPA	State Environmental Policy Act
the Services	NOAA Fisheries and U.S. Fish and Wildlife Service
SGMP	Seattle Area Geologic Mapping Project
SIP	State Implementation Plan
SLS&E	Seattle, Lake Shore and Eastern (railroad)

Acronyms and Abbreviations

SMA	Shoreline Management Act
SMP	Shoreline Master Program
SMS	Sediment Management Standards (Washington State)
SPCC	Spill Prevention, Control, and Countermeasures
SPCCP	Spill Prevention, Control, and Countermeasures Plan
SPT	Standard Penetration Test
SPU	Seattle Public Utilities
SQER	small quantity emission rate
SR	state route
SS	suspended solids
SSO	sanitary sewer overflow
SWD	Seattle Water Department
SWIFZ	South Whidbey Island Fault Zone
SWPPP	Storm Water Pollution Prevention Plan
TAC	toxic air contaminant
TAP	toxic air pollutant
TBM	tunnel boring machine
TMDL	total maximum daily loading
TMP	Traffic Management Plan
TPH	total petroleum hydrocarbon
tpy	tons per year
TSP	total suspended particulate matter
TSS	total suspended solids
$\mu\text{g}/\text{m}^3$	micrograms per cubic meter
UFC	Uniform Fire Code
UBC	Uniform Building Code
UGA	Urban Growth Area
USDA	U.S. Department of Agriculture
USDOT	U.S. Department of Transportation
USFS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
UST	underground storage tank
USWB	U.S. Weather Bureau
UV	ultraviolet light
VOC	volatile organic compound
VS	volatile solid
WA DNR	Washington State Department of Natural Resources
WAC	Washington Administrative Code
WARM	Washington Ranking Method
WDFW	Washington State Department of Fish and Wildlife
WHO	World Health Organization
WHR	Washington Heritage Register
WISHA	Washington Industrial Safety and Health Act

Acronyms and Abbreviations

WLA	wasteload allocation
WRIA	Water Resource Inventory Area
WSDOT	Washington State Department of Transportation
WTD	King County Wastewater Treatment Division
WWHM	Western Washington Hydrological Model
WWTP	wastewater treatment plant
ZID	zone of initial dilution