

ACRONYMS

A

AASHTO	American Association of State Highway and Transportation Officials
AFFF	aqueous film-forming foam
AHERA	Asbestos Hazard Emergency Response Act
AKART	all known and reasonable technology
ANSI	American National Standards Institute
APE	Area of Potential Effect
AQI	Air Quality Index
AQMPs	Air Quality Maintenance Plans
ASTM	American Society for Testing and Materials
AVO	average vehicle occupancy
AWV	Alaskan Way Viaduct and Seawall Replacement

B

B&O	business and occupation
BA	Biological Assessment
BE	Biological Evaluation
BINMIC	Ballard Interbay Northend Manufacturing and Industrial Center
BMP	Best Management Practices
BNSF	Burlington Northern Santa Fe
BP	British Petroleum
BPIP	Building Profile Input Program
BST	Battery Street Tunnel
BTEX	benzene, toluene, ethylbenzene, and xylenes
BTU	British Thermal Units

C

CAA	Clean Air Act
Caltrans	California Department of Transportation
CBD	Central Business District
CDL	construction, demolition, and land clearing waste
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CEVP	Cost Estimate Validation Process
CFR	Code of Federal Regulations
CIP	cast-in-place
City	City of Seattle
cm	Centimeter

CM	Conservancy Management
CO	carbon monoxide
CO ₂	carbon dioxide
CPS	Coastal Pelagic Species
CSCSL	Confirmed and Suspected Contaminated Sites List
CSLs	Cleanup Screening Levels
CSO	combined sewer outfalls (overflow)
Cu	copper
CWA	Clean Water Act
cy	cubic yard
CZM	Coastal Zone Management

D

dB	decibels
dBA	A-weighted decibels
DCE	1,2-transdichloroethylene
DCLU	Seattle Department of Design, Construction and Land Use
DH	Downtown Harborfront
DNR	Washington State Department of Natural Resources
DoIT	Seattle Department of Information Technology
DSHS	Department of Social and Health Services

E

EBI	Elliott Bay Interceptor
ECEAP	Early Childhood Education and Assistance Program
Ecology	Washington State Department of Ecology
EDC	Economic Development Council
EDR	Environmental Data Resources, Inc.
EFH	Essential Fish Habitat
EIS	Environmental Impact Statement
EPA	United States Environmental Protection Agency
ERNS	Emergency Response Notification System
ESA	Endangered Species Act
ESD	Washington State Employment Security Department

F

FAZ	forecast analysis zone
FHWA	Federal Highway Administration
ft ²	square feet
FTA	Federal Transit Administration

G

GIS	Geographic Information System
GMA	Growth Management Act

GNRR	Great Northern Railroad
gpm	gallons per minute
H	
H ₂ S	hydrogen sulfide
HAC	High Accident Corridor
HAER	Historic American Engineering Record
HAL	High Accident Location
HAPs	Hazardous air pollutants
HC	hydrocarbons
HCID	hydrocarbon identification
HCM	Highway Capacity Manual
HCT	high-capacity transit
HOV	high-occupancy vehicle
HP	high-pressure
HPA	Hydraulic Project Approval
HPAHs	heavy polycyclic aromatic hydrocarbons
HSWA	Hazardous and Solid Waste Amendments
Hz	hertz (cycles per second)
I	
I&M	inspection and maintenance
I-5	Interstate 5
I-90	Interstate 90
IARC	International Agency for Research on Cancer
IC	Industrial/Commercial
ICT	Intermediate Capacity Transit
ICU	Intersection Capacity Utilization
IDT	Interdisciplinary Team
I-O	input-output
IP	intermediate-pressure
ISO	International Organization for Standardization
K	
King County DNR	King County Department of Natural Resources
kph	kilometers per hour
kpl	kilometers per liter
kV	kilovolt
L	
LAAS	Larson Anthropological Archaeological Services Limited
Ldn	day/night sound level
Leq	equivalent sound level
LF	lineal feet

L _{max}	maximum sound level
L _{min}	minimum sound level
LOS	level of service
LPAHs	light polycyclic aromatic hydrocarbons
LUST	leaking underground storage tank
M	
m	meter
M&I	Manufacturing and Industrial
MBTUs	million BTUs
MG	million gallons
mg/kg	milligrams per kilogram
mg/L	milligrams per liter
MIC	Manufacturing and Industrial Center
MLLW	mean lower low water
mm	millimeter
MOEs	measures of effectiveness
mpg	miles per gallon
mph	miles per hour
MSE	mechanically stabilized earth
MTCA	Model Toxics Control Act
MTP	Metropolitan Transportation Plan
MW	megawatts
N	
NAAQS	National Ambient Air Quality Standards
NEPA	National Environmental Policy Act
NFA	no further action
NFRAP	no further remedial action is planned
NHPA	National Historic Preservation Act
NHS	Washington State National Highway System
NMFS	National Marine Fisheries Service, now NOAA Fisheries
NO ₂	nitrogen dioxide
NOAA	National Oceanic and Atmospheric Administration
NO _x	nitrogen oxides
NPDES	National Pollution Discharge Elimination System
NPL	National Priorities List
NPRR	Northern Pacific Railroad
NRHP	National Register of Historic Places
NTU	nephelometric turbidity unit
NWTPH-Dx	northwest total petroleum hydrocarbon-diesel-extended
NWTPH-G	northwest total petroleum hydrocarbon-gasoline

O		SFD	Seattle Fire Department	USC	United States Code
O&M	operations and maintenance	SHPO	State Historic Preservation Officer	USCG	United States Coast Guard
OAHP	Washington State Office of Archaeology and Historic Preservation	SIG	Seattle International Gateway	USDOE	United States Department of Energy
OFM	Washington State Office of Financial Management	SIP	State Implementation Plan	USDOL	United States Department of Labor
OSHA	Occupational Safety and Health Administration	SMC	Seattle Municipal Code	USFWS	United States Fish and Wildlife Service
P		SMS	Sediment Management Standards	USPS	United States Postal Service
Pa	Pascal	SMSA	Standard Metropolitan Statistical Area	UST	underground storage tank
PAHs	polynuclear (polycyclic) aromatic hydrocarbons	SO₂	sulfur dioxide	V	
PAL	Pedestrian Accident Location	SODO	South of Downtown	V/C	volume to capacity
PB	Parsons Brinckerhoff Quade & Douglas, Inc.	SOV	single-occupancy vehicle	VdB	vibration decibels
PCBs	polychlorinated biphenyls	SPD	Seattle Police Department	VMT	vehicle miles traveled
PCE	tetrachloroethylene	SPU	Seattle Public Utilities	VOCs	volatile organic compounds
pcphpl	passenger car equivalents per hour per lane	SQG	small quantity generator	W	
pcpmppl	passenger car equivalents per mile per lane	SQS	Sediment Quality Screening	WAC	Washington Administrative Code
PCS	petroleum-contaminated soil	SR 519	State Route 519	WA-ICR	Washington Site Register of Independent Cleanup Reports
PGIS	pollutant-generating impervious surface	SR 99	State Route 99	WDFW	Washington State Department of Fish and Wildlife
PHS	Priority Habitats and Species	SR	State Route	WHR	Washington Heritage Register
PM	particulate matter	SSO	sanitary sewer overflow	WISHA	Washington Industrial Safety and Health Act
POM	polycyclic organic matter	SUVs	sport utility vehicles	WOSCA	Washington-Oregon Shippers Cooperative Association
ppb	parts per billion	T		WRIA	Water Resource Inventory Area
ppm	parts per million	TCE	trichloroethylene	WSDOT	Washington State Department of Transportation
PPV	peak particle velocity	Tera BTUs	million MBTUs	WTPH-D	Washington Total Petroleum Hydrocarbon-Diesel
PSCAA	Puget Sound Clean Air Agency	TESC	temporary erosion and sediment control	WTPH-G	Washington Total Petroleum Hydrocarbon-Gasoline
PSE	Puget Sound Energy	TIP	Transportation Improvement Program	Y	
PSI	preliminary site investigation	TMDLs	Total Maximum Daily Loads	yd³	cubic yards
PSRC	Puget Sound Regional Council	TNM	Traffic Noise Model	Z	
R		TOC	total organic carbon	Zn	zinc
RCRA	Resource Conservation and Recovery Act	TP	Treatment Plant	Symbol	
RGRIS	Resource Conservation and Recovery Information System	TPH	total petroleum hydrocarbons	°C	degree Celsius
RCW	Revised Code of Washington	TSCA	Toxic Substances Control Act	µg/L	micrograms per liter
RIMS II	Regional Input Output Modeling System	TSD	treatment, storage, and disposal	µg/m³	micrograms per cubic meter
RM	River Mile	TSP	total suspended particulates		
rms	root mean square	TSS	total suspended solids		
RSF	rentable square footage	U			
S		UG	Urban General		
SDOT	Seattle Department of Transportation	UGAs	Urban Growth Areas		
Seawall	Alaskan Way Seawall	UH	Urban Harborfront		
SEM	Seattle Emergency Management	UI	Urban Industrial		
SEPA	Washington State Environmental Policy Act	UPRR	Union Pacific Railroad		
		USDOT	United States Department of Transportation		