

Acronyms and Abbreviations

AAR	Association of American Railroads
ACE	Ashepoo, Combahee and Edisto
ACHP	Advisory Council on Historic Preservation
ACM	Asbestos-containing material
ACS	American Community Survey
ADA	Americans with Disabilities Act
AERMIC	American Meteorological Society/Environmental Protection Agency Regulatory Model Improvement Committee
AM	Morning
AMSL	Above mean sea level
AOC	Area of Concern
APE	Area of Potential Effects
ARS	At Risk Species
ASMFC	Atlantic States Marine Fisheries Commission
AST	Above-ground storage tank
AUL	Activity and Use Limitations
BCDCOG	Berkeley-Charleston-Dorchester Council of Governments
BEQ	Benzo(a)pyrene equivalent
BFE	Base flood elevation
BGEPA	Bald and Golden Eagle Protection Act
bls	Below land surface
BLM	Bureau of Land Management
BMP	Best Management Practice
BO	Biological Opinion
BOD	Biochemical oxygen demand
BRAC	Federal Defense Base Closure and Realignment Act
CAA	Clean Air Act
CARTA	Charleston Area Regional Transportation Authority
C-CAP	Coastal Change Analysis Program
CCRAB	Charleston Community Research to Action Board
CD	Child Development
CDF	Confined disposal facility
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CEQ	Council on Environmental Quality
cf	Cubic feet

CFA	Core foraging area
C.F.R.	Code of Federal Regulations
CFU	Colony forming units
CH ₄	Methane
CHATS	Charleston Area Transportation Study
CISS	Cast-in-steel-shell
CMCI	Charleston Marine Container, Inc.
Cm/s	Centimeters per second
CNB	Charleston Naval Base
CNC	Charleston Naval Complex
CNH	Charleston Navy Hospital
CNY	Charleston Naval Yard
CNYOQ	Charleston Naval Yard Officers' Quarters
CO	Carbon monoxide
CO ₂	Carbon dioxide
Corps	U.S. Army Corps of Engineers
cSEL	Cumulative sound exposure level
CSX	CSX Transportation
CWA	Clean Water Act
CWS	Charleston Water Supply
cy	cubic yards
DA	Department of the Army
dB	Decibel
dB(A)	A-weighted decibel
DBE	Disadvantaged Business Enterprise
DCIA	Direct Community Impact Area
DE	Diesel exhaust
DEIS	Draft Environmental Impact Statement
DO	Dissolved oxygen
DOD	Department of Defense
DOT	Department of Transportation
DNL	Day-Night Average Sound Level
DPM	Diesel particulate matter
DPS	Distinct Population Segment
DPR	Division of Public Railways
DSA	Demographic Study Area
EBST	Environmental Baseline Survey for Transfer

EC	Exposure concentration
EDR	Environmental Data Resources
EFH	Essential fish habitat
EIS	Environmental Impact Statement
EMS	Emergency Medical Service
EPA	Environmental Protection Agency
ER-L	Effects Range-Low
ESA	Endangered Species Act; Environmental Site Assessment
ESI	Environmental Sensitivity Index
°F	Fahrenheit
FDS	Fuel Distribution System
FEIS	Final Environmental Impact Statement
FEMA	Federal Emergency Management Agency
FHWG	Fisheries Hydroacoustic Working Group
FHWA	Federal Highway Administration
FIRM	Flood Insurance Rate Map
FIS	Flood Insurance Study
FLETC	Federal Law Enforcement Training Center
FLUM	Future Land Use Map
FLMNH	Florida Museum of Natural History
FMP	Fisheries Management Plan
FONSI	Finding of No Significant Impact
FR	Federal Register
FRA	Federal Railroad Administration
fps	feet per second
ft	feet
ft ³ /s	cubic feet per second
FY	Fiscal Year
GARCO	General Asbestos and Rubber Company
GHG	Greenhouse gas
GAP	Gap Analysis Program
GIS	Geographic Information System
gpd	gallons per day
HAP	Hazardous air pollutant
HAPC	Habitat Area of Particular Concern
HCM	Highway Capacity Manual
HCS	Highway Capacity Software

HHS	U.S. Department of Health and Human Services
HLT	Hugh K. Leatherman, Sr. Terminal
Hospital District	Charleston Naval Hospital Historic District
HRA	Health Risk Assessment
HTRW	Hazardous, Toxic, and Radioactive Waste
HUC	Hydrologic Unit Code
HVAC	heating, ventilation, air conditioning
Hz	Hertz
I-26	Interstate Highway 26
I-526	Interstate Highway 526
IBC	Inter Box Connector
IARC	International Agency for Research on Cancer
ICTF	Intermodal Container Transfer Facility
IUR	Inhalation unit risk estimate
LAMC	Lowcountry Alliance for Model Communities
LEDPA	Least Environmentally Damaging Practicable Alternative
LEP	Limited English Proficiency
IPCC	United Nations Intergovernmental Panel on Climate Change
Leq(h)	Hourly equivalent sound level
LEP	Limited English Proficiency
Leq	Equivalent sound level
LF	linear feet
Lv	Vibration velocity level
kV	kilovolt
mg/L	milligrams per liter
LiDAR	Light Detection and Ranging remote sensing technology
LOS	Level of service
LTM	Long-term monitoring
LUC	Land Use Control
LWCF	Land and Water Conservation Fund
MAFMC	Mid-Atlantic Fishery Management Council
MBTA	Migratory Bird Treaty Act
MGD	Million gallons per day
MHHW	Mean Higher High Water
MMI	Modified Marcalli Intensity
MMPA	Marine Mammal Protection Act
MOA	Memorandum of Agreement

MOMs	Maximum of Maximums
MOS	Margin of safety
MOT	Maintenance of traffic
MOUA	Memorandum of Understanding and Agreement
MOVES	Motor Vehicle Emission Simulator
MPN	Most probable number
MPSSZ	Middle Place-Summerville Seismic Zone
MS4	Municipal Separate Storm Sewer System
MSA	Metropolitan Statistical Area
msl	mean sea level
MSAT	Mobile Source Air Toxins
MSFCMA	Magnuson-Stevens Fishery Conservation and Management Act
MT	Metric tons
MTD	Manufactured Treatment Device
N ₂ O	Nitrous oxide
NAAQS	National Ambient Air Quality Standard
NAGPRA	Native American Graves Protection and Repatriation Act
NAHC	Native American Heritage Commission
NAVD	North American Vertical Datum
NBIF	Navy Base Intermodal Facility
NCA	Noise Control Act
NCTC	North Charleston Terminal Company
NEFSC	Northeast Fisheries Science Center
NEPA	National Environmental Policy Act
NESHAPS	National Emission Standards for Hazardous Air Pollutants
NFA	No Further Action
NFESO	North Florida Ecological Service Center
NFIP	National Flood Insurance Program
NHD	National Hydrography Dataset
NHPA	National Historic Preservation Act
NMFS	National Marine Fisheries Service
NO ₂	Nitrogen dioxide
NOAA	National Oceanic and Atmospheric Administration
NOI	Notice of Intent
No _x	Nitrogen oxide
NPDES	National Pollutant Discharge Elimination System
NPL	National Priorities List

NPS	National Park Service
nps	Non-point source
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
NS	Norfolk Southern Railway
NTU	Nephelometric turbidity units
NVCS	National Vegetation Classification Standard
NWI	National Wetlands Inventory
O ₃	ozone
OCR	Optical Character Recognition
OCRM	Ocean and Coastal Resource Management
OGV	ocean-going vessel
OHWM	Ordinary high water mark
OTR	Over the road
P	phosphorous
PA	Programmatic agreement
PAH	Polycyclic aromatic hydrocarbon
Palmetto Railways	South Carolina Department of Commerce Division of Public Railways d/b/a Palmetto Railways
PBDE	Polybrominated diphenyl ether
Pb	Lead
PCB	Polychlorinated biphenyl
PDD	Planned Development District
P.L.	Public Law
PM	Afternoon
PM _{2.5}	Fine particulate matter
PM ₁₀	Respirable particulate matter
PN	Public Notice
Port	Port of Charleston
ppb	parts per billion
ppm	parts per million
ppt	Parts per thousand
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Condition
RFC	Reference concentration
RFFA	Reasonably foreseeable future action
RHA	Rivers and Harbors Act

RFC	Reference concentration
RMS	Root-mean square pressure
ROD	Record of Decision
ROW	Right of way
RPW	Relatively permanent waters
RRIF	Railroad Rehabilitation and Improvement Financing
RCNM	Roadway Construction Noise Model
SAFMC	South Atlantic Fisheries Management Council
SAFMP	South Atlantic Fisheries Management Plan
SC 7	South Carolina Highway 7
SC 642	South Carolina Highway 642
SCAAQS	South Carolina Ambient Air Quality Standard
SCE&G	South Carolina Edison and Gas Company
SCDHEC	South Carolina Department of Health and Environmental Control
SCDNR	South Carolina Department of Natural Resources
SCDOT	South Carolina Department of Transportation
SCECAP	South Carolina Estuarine and Coastal Assessment Program
SCPCA	South Carolina Pollution Control Act
SCORE	South Carolina Oyster Restoration and Enhancement Program
SCPA	South Carolina Ports Authority
SEL	Sound exposure level
SF	square feet
SFA	Sustainable Fisheries Act
SFH	Shellfish harvesting waters
SFHA	Special Flood Hazard Area
SLC	Sea level change
SGCN	Species of Greatest Conservation Need
SHPO	State Historic Preservation Office
SIP	State Implementation Plan
SLOSH	Sea, Lake, and Overland Surges from Hurricanes
SO ₂	Sulfur dioxide
SPCC	Spill Prevention, Control, and Countermeasures
SR 52	State Route 52
SR 78	State Route 78
SRT	Status Review Team
SRTS	Safe Routes to School
STB	Surface Transportation Board

STIP	State Transportation Improvement Program
STORET	EPA Storage and Retrieval Data Warehouse
SVOC	Semivolatile organic compound
SWMU	Solid Waste Management Unit
SWPPP	Storm Water Pollution Prevention Plan
TBD	to be determined
TDS	Total dissolved solids
TEC	Threatened, Endangered, or Candidate species
TES	Threatened and Endangered Species
TEUs	twenty-foot equivalent units
TIF	Tax Increment Financing
TMDL	Total Maximum Daily Load
TN	Total nitrogen
TNC	The Nature Conservancy
TNW	Traditional navigable waters
TP	Total phosphorus
TR-55	USDA <i>Urban Hydrology for Small Watersheds</i> , technical release 55, 6/86
TSA	Transportation Study Area
TSS	Total suspended solids
UOD	Ultimate oxygen demand
UR	Urban land
US 17	U.S. Highway 17
U.S.C.	U.S. Code
USCG	U.S. Coast Guard
USDA	U.S. Department of Agriculture
USDOT	U.S. Department of Transportation
USFS	U.S. Forest Service
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
USMC	U.S. Marine Corps
USN	U.S. Navy
UST	Underground storage tank
UTR	Utility Tractor Rig
VCC	Voluntary Cleanup Contract
VdB	Ground-borne vibration
VOC	Volatile organic compound
VRSA	Visual Resource study area

WHO	World Health Organization
WLA	Wasteload allocation
WOW	Wide-Open West
WWI	World War I
WWII	World War II
WWTP	Wastewater treatment plant