

Acronyms and Abbreviations

2001 Plan	San Francisco Bay Area 2001 Ozone Attainment Plan for the 1-Hour National Ozone Standard
AADT	average annual daily traffic
ABAG	Association of Bay Area Governments
Access Board	Architectural and Transportation Barriers Compliance Board
ACHP	Advisory Council on Historic Preservation
ADA	Americans with Disabilities Act
Air Quality Plan	1982 Bay Area Quality Plan
A-P Zones	earthquake fault zones
asl	above sea level
BA	biological assessment
BAAQMD	Bay Area Air Quality Management District
BART	Bay Area Rapid Transit
Basin Plan 1995	San Francisco Bay Basin Water Quality Control Plan
Bay	San Francisco Bay
Bay Plan	San Francisco Bay Plan
Bay Trail	San Francisco Bay Trail
BCDC	San Francisco Bay Conservation and Development Commission
BCT	best conventional pollutant control technology
bgs	below ground surface
BHC	hexachlorocyclohexane
BMP	best management practice
BO	biological opinion
BRAC	Base Realignment and Closure Act
CAAQS	California Ambient Air Quality Standards
$C_{\text{accept.crit}}$	proposed acceptance criterion (milligrams per kilogram)
Cal-EPA	California Environmental Protection Agency
Caltrans	California Department of Transportation
CAP	Clean Air Plan
CARB	California Air Resources Board
CBC	California Building Code
CCAA	California Clean Air Act
CCR	California Code of Regulations
CDFG	California Department of Fish and Game
C_{effluent}	total concentration in the pond effluent (parts per million)
CEQ	Council on Environmental Quality
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CESA	California Endangered Species Act
CFR	Code of Federal Regulations
cfs	cubic feet per second
CHP	California Highway Patrol
City	City of Vallejo

CMC	continuous maximum concentration
CNDDDB	California Natural Diversity Database
CNEL	Community noise equivalent level
CNPS	California Native Plant Society
CO	carbon monoxide
Corps	U.S. Army Corps of Engineers
CPT	cone penetration test
CRHR	California Register of Historical Resources
CWA	Clean Water Act (Federal Water Pollution Control Act Amendments of 1972)
cy	cubic yard
CZMA	Federal Coastal Zone Management Act
dB	decibel
dBA	A Weighted Decibel
DDT	dichloro-diphenyltrichloroethane
Delta	Sacramento-San Joaquin River Delta
Disposal and Reuse EIS/EIR	Final EIS/EIR for the Disposal and Reuse of Mare Island Naval Shipyard Vallejo, California
DMDF	dredged material disposal facility
DMMO	Dredged Material Management Office
DMRP	Dredged Material Reuse Project
Draft EIS/EIR	Draft Environmental Impact Statement/Draft Environmental Impact Report
DTSC	California Department of Toxic Substances Control
EIR	environmental impact report
EIS	environmental impact statement
EMT	emergency medical technician
EPA	U.S. Environmental Protection Agency
ESA	Endangered Species Act
ESU	evolutionarily significant unit
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
FIRM	Flood Insurance Rate Map
FR	Federal Register
FS	factors of safety
FTA	U.S. Department of Transportation
General Construction Permit	NPDES General Permit for Discharges of Storm Water Runoff Associated with Construction Activity
General Industrial Permit	NPDES General Permit for Discharges of Storm Water Associated with Industrial Activities Excluding Construction Activities
GIS	geographic information systems
GVRD	Greater Vallejo Recreation District
H-1 landfill	a landfill in the action area formerly used by the Navy
HCD	California Housing and Community Development Department
HCP	habitat conservation plan
HDPE	high-density polyethylene
HP	horsepower
JRP	JRP Historical Consulting Services
kV	kilovolt
Landmark	National Historic Landmark
L _{dn}	day-night level
Lennar Mare Island	Lennar Mare Island Development Corporation
L _{eq}	equivalent sound level
L _{max}	maximum sound level
L _{min}	minimum sound level
LOS	level of service
LTMS	Long Term Management Strategy

Lxx	percentile-exceeded sound level
Maintenance Plan	San Francisco Bay Area Redesignation Request and Maintenance Plan for the National Ozone Standard
MBTA	Migratory Bird Treaty Act
mcy	million cubic yards
ME	Maximum Earthquake
mg/kg	milligrams per kilogram
mg/l	milligrams per liter
mgd	million gallons per day
MHW	mean high water
MLLW	mean lower low water level
MOA	Memorandum of Agreement
MOU	memorandum of understanding
mph	miles per hour
MPRSA	Marine Protection, Research, and Sanctuaries Act (also called the Ocean Dumping Act)
msl	mean sea level
MTC	Metropolitan Transportation Commission
MUTCD	Manual on Uniform Traffic Control Devices
NAAQS	National Ambient Air Quality Standards
National Register	National Register of Historic Places
NAVFAC	Naval Facilities Engineering Command
NCCP	natural communities conservation plan
NEPA	National Environmental Policy Act
NFIP	National Flood Insurance Program
NGVD	National Geodetic Vertical Datum of 1929
NHL	National Historic Landmark
NHPA	National Historic Preservation Act
nm	nautical miles
NO ₂	nitrogen dioxide
NOAA	National Oceanic and Atmospheric Administration
NOAA Fisheries	National Oceanic and Atmospheric Administration Fisheries Service
NOI	notice of intent
NOP	notice of preparation
North Bay	northern San Francisco Bay region
NO _x	oxides of nitrogen
NPDES	National Pollutant Discharge Elimination System
NTU	nephelometric turbidity unit
NUAD	not suitable for unconfined aquatic disposal
NWP	Nationwide Permit
OHWL	ordinary high-water mark
OMMP	Operations, Maintenance, and Monitoring Plan
OPR	California Governor's Office of Planning and Research
OSHA	U.S. Occupational Safety & Health Administration
PAH	polycyclic aromatic hydrocarbon
PAR	PAR Environmental Services
PCBs	polychlorinated biphenyls
PG&E	Pacific Gas & Electric Company
PM10	particulate matter 10 microns or less in diameter
PM2.5	particulate matter 2.5 microns or less in diameter
PMA	Production Manufacturing Area
ppd	pounds per day
ppm	parts per million
ppt	parts per thousand
PRGs	Preliminary Remediation Goals
proposed action	Alternative 1
QA/QC	quality assurance/quality control
RAB	Restoration Advisory Board

RAP	Remedial Action Plan
RCP	reinforced concrete pipe
RHA	Rivers and Harbors Act
ROG	reactive organic gases
RU	residential unit
RWQCB	San Francisco Bay Regional Water Quality Control Board
sf	square foot
SFBAAB	San Francisco Bay Area Air Basin
SHPO	State Historic Preservation Officer
SIP	State Implementation Plan
SLC	California State Lands Commission
SO ₂	sulfur dioxide
SR	State Route
SSPORTS	U.S. Navy, Supervisor of Shipbuilding, Conversion and Repair, Portsmouth, Virginia
Strait	Mare Island Strait
SUAD	suitable for unconfined aquatic disposal
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TCM	traffic control measure
tpy	tons per year
Trust	Tideland Trust
TSS	total suspended solids
USC	U.S. Code
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
UXO	unexploded ordnance
V/C	ratio of traffic volume to capacity
VOC	volatile organic compound
VP	viewpoint
VPD	Vallejo Police Department
VSFCD	Vallejo Sanitation and Flood Control District
W	watt
WDR	waste discharge requirement
WESTON	Weston Solutions, Inc.
WETP	Western Early Transfer Parcel
WRDA	Water Resources Development Act
WWTP	wastewater treatment plant
µg/m	micrograms per cubic meter

Terms

The following definitions are intended to assist readers in understanding this document.

Baseline conditions are the physical conditions that existed in the area at the time that the NOP and NOI were published and that would be affected by a proposed project, including land, air, water, minerals, flora, fauna, ambient noise, and objects of historical or aesthetic significance. The area involved is the area in which significant direct or indirect effects would occur as a result of the action. The environment includes both natural and artificial conditions.

Significant effect on the environment, as defined by CEQA, means a substantial, or potentially substantial, adverse change in any of the physical conditions in the area affected by the action, including land, air, water, minerals, flora, fauna, ambient noise, and objects of historic or aesthetic significance.

Effects comprise

- direct or primary effects that are caused by the proposed action and occur at the same time and place and
- indirect or secondary effects that are caused by the proposed action and are later in time or farther removed, but are still reasonably foreseeable. Indirect or secondary effects may include growth-inducing effects and other effects related to induced changes in the pattern of land use, population density, or growth rate, and related effects on air and water and other natural systems, including ecosystems.

Mitigation consists of

- avoiding the effect altogether by not taking a certain action or parts of an action,
- minimizing effects by limiting the degree or magnitude of the action and its implementation,
- rectifying the effect by repairing, rehabilitating, or restoring the affected environment,
- reducing or eliminating the effect over time by preservation and maintenance operations during the life of the action, and/or
- compensating for the effect by replacing or providing substitute resources or environments.

This environmental document uses a variety of terms to describe the level of significance of adverse effects. These terms are defined as follows.

- *Less-than-significant effect under CEQA.* An effect that is adverse but that does not exceed the defined thresholds of significance under CEQA. Less-than-significant effects do not require mitigation.
- *Significant or potentially significant effect under CEQA.* An effect that exceeds the defined thresholds of significance and could or would cause a substantial adverse change in the environment. Mitigation measures are recommended to prevent the effect from occurring, eliminate the effect, or reduce it to a less-than-significant level.
- *Significant and unavoidable effect under CEQA.* An effect that exceeds the defined thresholds of significance and cannot be eliminated or reduced to a less-than-significant level through the implementation of mitigation measures.

