

# SECTION 7.0

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## ACRONYMS

AB – Assembly Bill  
ABAG – Association of Bay Area Governments  
ACM – asbestos containing materials  
AES – Analytical Environmental Services  
AEP – Association of Environmental Professionals  
AHERA – Asbestos Hazard Emergency Response Act  
AMR-American Medical Response  
APA-American Psychiatric Association  
APCD-Air Pollution Control District  
APGSA-Association of Problem Gambling Service Administrators  
APN – assessor parcel number  
ARS-alternative release scenario-  
ASCE-American Society of Civil Engineers  
AST – above ground storage tanks  
ATSM-American Society of Testing and Materials  
BAAQMD – Bay Area Air Quality Management District  
BART – Bay Area Rapid Transit  
Bay – San Francisco Bay  
Bay Plan – San Francisco Bay Plan  
BBA-Brown-Buntin Associates, Inc.-  
BCDC – San Francisco Bay Conservation and Development Commission  
bgs – below ground surface  
BIA – Bureau of Indian Affairs  
BMP – Best Management Practice  
BO-Biological Opinion  
B.P. – before present  
BRAC – Base Realignment and Closure  
BTEX – benzene, toluene, ethylbenzene, xylenes  
BWMP- basewide monitoring programs  
CAA – Federal Clean Air Act  
CAAQS – California ambient air quality standards  
CA-FP - California floristic province

CalARP – California Accidental Release Program  
CALFIRE-California Department of Forestry and Fire Protection  
CAL-IPC - California Invasive Plant Council  
Cal/EPA – California Environmental Protection Agency  
CALSTAR-California Shock Trauma Air Rescue  
Caltrans – California Department of Transportation  
CAP-Final Corrective Action Plan  
CAPs – criteria air pollutants  
CARB – California Air Resources Board  
CAT – Climate Action Team  
CAWA-California Wine Association-  
CBC – California Building Code  
CCAA – California Clean Air Act  
CCHS-Contra Costa Health Service  
Cco – Central Coast  
CCR – California Code of Regulations  
CCTA – Contra Costa County Transportation Authority  
CDFG – California Department of Fish and Game  
CDPH-California Department of Public Health  
CEDD – California Employment Development Department  
Central HPA – San Francisco Bay Central hydrologic planning area  
CEQA – California Environmental Quality Act  
CEQ – Council on Environmental Quality  
CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act  
CESA – California Endangered Species Act  
CFR – Code of Federal Regulations  
CGS-California Geological Survey  
CH4-methane  
City – City of Richmond  
CIWMB – California Integrated Waste Management Board  
CMP – Congestion Management Program  
CNDDDB – California Natural Diversity Database  
CNEL – Community Noise Equivalent Level  
CNPS – California Native Plant Society  
CO – Carbon monoxide  
COCs-Constituents of concern  
County – Contra Costa County  
CPSC - Consumer Product Safety Commission  
CRHR – California Register of Historical Resources

CRR – Community and Regional Recreation District  
CSC-California Species of Special Concern  
CW – Central Western California  
CWA – Clean Water Act  
CWS-Community Warning System  
CZMA – Coastal Zone Management Act  
dB – decibel  
DBRAC – Defense Base Realignment and Closure  
DEIS/DEIR – Draft EIS/EIR  
DERP-Defense Environmental Restoration Program  
DoD-Department of Defense  
DOI - U.S. Department of Interior  
DOT - U.S. Department of Transportation  
DPM-diesel particulate matter  
DPR – Department of Pesticide Regulation  
DTSC – Department of Toxic Substance Control  
DVECC-Disease Vector Control and Ecology Control Center  
EBMUD – East Bay Municipal Utility District  
EBRPD – East Bay Regional Parks District  
EBS-Environmental Baseline Study  
ECP-Erosion Control Plan  
EFH – essential fish habitat  
EIS/EIR – Environmental Impact Statement/Environmental Impact Report  
EMT – Emergency Medical Technician  
ERP-emergency response plan  
ERPG-emergency response planning guidelines  
ESA-Environmental Site Assessment  
ESCP-Erosion Sediment Control Plan  
ESLs-Environmental Screening Levels  
ESU – Central California Coast Evolutionary Stable Unit  
F – Fahrenheit  
F-76 – marine grade diesel fuel  
FBI – Federal Bureau of Investigation  
FDA - Food and Drug Administration  
Fed-OSHA-Federal Occupational Safety and Hazard Administration  
FEMA – Federal Emergency Management Agency  
FESA – Federal Endangered Species Act  
FF&E-furniture, fixture and equipment  
FHWA – Federal Highway Administration

FICON – Federal Interagency Committee on Noise  
FIFRA-Federal Insecticide, Fungicide, and Rodenticide Act  
FIRM – Flood Insurance Rate Maps  
FMP – fisheries management plan  
FPAL-Fuel Product Action Levels  
FPCMMP-Final Post Closure Maintenance and Monitoring Plan  
FRF-fuel reclamation facility  
FS-Feasibility Studies  
Ft –Feet  
GHG - Greenhouse Gas  
Gpm-gallons per minute  
Gpm-gallons per minute  
Golden Gate – Golden Gate Ferry District  
H2O-water vapor  
HABS – Historic American Building Survey  
HAP-hazardous air pollutant  
HCM – 2000 Highway Capacity Manual  
HCP-Habitat Conservation Plan  
HI - Heavy Industry  
HMBP-Hazardous Materials Business Plan  
HPAC-Historic Preservation Advisory Committee  
HRHD – National Register Historic District  
HSWA-Federal Hazardous and Solid Waste Amendments  
HUD - Department of Housing and Urban Development  
HVAC – Heating, Ventilation, and Air Conditioning  
HWCA-Hazardous Waste Control Act of 1972  
I-80 – Interstate 80  
I-580 – Interstate 580  
I&I – inflow and infiltration  
ICBO – International Conference of Building Officials  
IGRA – Indian Gaming Regulatory Act  
IMPLAN-Impact Analysis for Planning  
I-O/SAM-Input-Output/Social Accounting Matrix Model  
IPCC – International Panel on Climate Change  
IRP-Installation Restoration Program  
ISO-Industrial Safety Ordinance  
ITS – Intelligent Transportation System  
ITE – Institution of Transportation Engineers  
JP-5 – jet petroleum fuel

L<sub>eq</sub> - sound level  
LBP-lead based paint  
LDA – Land Disposition Agreement  
Ldn-day and night average levels  
LOS – level of service  
LPG-liquefied petroleum gas  
LUSTS-leaking underground storage tanks  
MBTA-Migratory Bird Treat Act  
MeG-millsholm loam  
MGD – million gallons per day  
µm – micrometer  
MCLs – Maximum Contaminant Levels  
MMI – Modified Mercalli Intensity  
MNA-monitored natural attenuation  
MOA – Memorandum of Agreement  
MRS-Marine Research Specialists  
MRZ – Mineral Resource Zones  
MSA – Municipal Services Agreement  
MSA – Migratory Species Act  
MSFA – Magnuson-Stevens Fishery Conservation and Management Act  
msl – mean sea level  
MUTCD-Manual of Uniform Traffic Control Devices  
NAAQS – national ambient air quality standards  
NAC – Noise Abatement Criteria  
NAHC-Native American Heritage Commission  
NCCP-Natural Community Conservation Plan  
NEHRP – National Earthquake Hazards Reduction Program  
NEPA – National Environmental Policy Act  
NESHAP – National Emissions Standards for Hazardous Air Pollutants  
NFA-no further action  
NFD – Naval Fuel Depot  
NFIP – National Flood Insurance Program  
NFPA-National Fire Protection Association  
NGISC – National Gambling Impact Study Commission  
NH<sub>3</sub>-anhydrous ammonia  
NHPA – National Historic Preservation Act  
NIGC – National Indian Gaming Commission  
NMFS – National Marine Fisheries Service  
NO<sub>2</sub> – nitrogen dioxide

NOA – Notice of Availability  
NOAA – National Oceanic and Atmospheric Administration  
NOI – Notice of Intent  
NOP-Notice of Preparation  
NOS – National Ocean Service  
NO<sub>x</sub> – oxides of nitrogen  
NPDES – National Pollution and Discharge Elimination System  
NPL-National Priority List  
NPPA – Native Plant Protection Act  
NPSGSC – National Public Sector Gaming Study Commission  
NRHP – National Register of Historic Places  
NWIC-Northwest Information Center  
O&M-Operations and Maintenance Phase  
O<sub>3</sub> – Ozone  
OCRM-Ocean and Coastal Resource Management  
OES – Office of Emergency Services  
OHWM – ordinary high water mark  
OPR – Office of Planning and Research  
OSHA - Occupational Safety and Health Administration  
OT – Open Space  
OWS-oil water separator  
OWTP – Orinda Water Treatment Plant  
PA-Programmatic Agreement  
PAH's – polynuclear aromatic hydrocarbons  
Pb – lead  
PCBs-possible polychlorinated biphenyl-  
PCMMP-Post Closure Maintenance and Monitoring Plan  
PG&E – Pacific Gas and Electric Company  
PID-photo ionization detector  
PM – Port/Marine Terminal/Ship Repair  
PM10 &PM25-particulate matter  
PRC – Public Resource Code  
PRGs-Primary Remediation Goals  
PWC-Navy Public Works Center  
RAB-Restoration Advisory Board  
RACM – regulated asbestos containing materials  
RCRA-Resource Conservation and Recovery Act  
REACH-Redwood Empire Air Care Helicopter  
RHA-Rivers and Harbors Act of 1899

RI-Remedial Investigations  
Rip rap – bank stabilizing material  
RL – Recreation Lands/Subcategory Community Open Space  
RMP – Risk Management Plan  
RMS-root mean square  
RMSD – Richmond Municipal Sewer District  
ROD – Record of Decision  
ROG – reactive organic gases  
RSA – resource study area  
RTV – Richmond Transit Village  
RWD – report of waste discharge  
RWQCB – Regional Water Quality Control Boards  
SARA-Superfund Amendments and Reauthorization Act of 1986  
SB – Senate Bill  
SECP – Sediment and Erosion Control Plan  
SFBAAB – San Francisco Bay Area Air Basin  
SFBRWQCB – San Francisco Bay Regional Water Quality Control Board  
SFHA-special flood hazard areas  
SHPO – State Historic Preservation Officer  
SIPs – state implementation plans  
SLC – California State Lands Commission  
SMAQMD-Sacramento Municipal Air Quality Management District  
SMARA – California Surface Reclamation Act  
SMP-Soil Management Plan  
SO<sub>2</sub> – sulfur dioxide  
SRRE-Source Reduction and Recycling Element  
State – State of California  
STIA-Supplemental Traffic Impact Analysis  
SVOC's – semi-volatile organic compounds  
SVP-Society of Vertebrate Paleontology  
SWMP –storm water management plan  
SWPPP – Storm Water Pollution Prevention Plan  
SWRCB – State Water Resources Control Board  
SWQCB – State Water Quality Control Board  
TACs – toxic air contaminants  
TCE-trichloroethylene  
TDM-Travel Demand Management  
TENS-Telephone Emergency Notification System  
TEPH-Total Extractable Petroleum Hydrocarbons

TIA-Traffic Impact Analysis  
TMDLs – Total Maximum Daily Loads  
TPH – total petroleum hydrocarbons  
Tpy-tons per year  
TRAC – Trails for Richmond Action Committee  
TRB – Transportation Research Board  
Tribe – Guidiville Band of Pomo Indians  
TRU – Transportation Refrigeration Units  
TSO – Traffic Service Objective  
TSS-total suspended solids  
Ub-Urban Land  
UBC – Uniform Building Code  
UCMP-University of California Paleontology Museum  
URBEMIS – Urban Emissions  
US-101 – United States Route 101  
USACE – U.S. Army Corps of Engineers  
USEPA – United States Environmental Protection Agency  
USFWS – U.S. Fish and Wildlife Service  
USGS – United States Geological Survey  
UST – under ground storage tanks  
UWMP – Urban Water Management Plan  
VCP – vitrified clay pipe  
Vdb-decibel notation commonly used to measure RMS  
VMP-Vegetation Management Plan  
VOC-volatile organic compounds  
WCCCUUSD – West Contra Costa County Unified School District  
WCCIWMA – West Contra Costa Integrated Waste Management Authority  
WCS-worst case scenario  
WCSD – West County Sanitation District  
WDRs- waste discharge requirements  
WTA – San Francisco Water Transportation Authority  
WWR – Wetlands and Water Resources, Inc  
WWTP – wastewater treatment plant