

INNER HARBOR SPECIFIC PLAN AND HARBOR VIEW PROJECT

Draft Environmental Impact Report
SCH No. 2014112027

Prepared for
City of Redwood City

October 2015



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List of Acronyms and Abbreviations

AAC	Architectural Advisory Committee
AB	Assembly Bill
ABAG	Association of Bay Area Governments
ACHP	Advisory Council on Historic Preservation
ACI	American Concrete Institute
ACM	asbestos containing material
ACP	Asbestos Cement Pipe
ADA	Americans with Disabilities Act
ADAAG	Americans with Disabilities Act Accessibility Guidelines
ADWF	Average Dry Weather Flows
AERMOD	Atmospheric Dispersion Modeling System
af/yr	acre-feet per year
AIA	Airport Influence Area
AISC	American Institute of Steel Construction
ALUC	San Carlos Airport Land Use Commission
ALUP	Airport Land Use Plan
AR4	IPCC's Fourth Assessment Report
ARB	Air Resources Board
ASCE	American Society of Civil Engineers
BAAQMD	Bay Area Air Quality Management District
BAU	business-as-usual
BCDC	Bay Conservation and Development Commission
BIAC	Bair Island Aquatic Center
BMP	Best Management Practice or Bicycle Master Plan
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
CalEEMod	California Emissions Estimator Model
Cal EPA	California Environmental Protection Agency
CALGreen	California Green Building Standards
Cal/OSHA	California Occupational Safety and Health Administration
CalRecycle	California Department of Resources Recycling and Recovery
Caltrans	California Department of Transportation
CAP	Clean Air Plan
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CARE	Community Air Risk Evaluation
CBC	California Building Code
CCAA	California Clean Air Act
C/CAG	City/Country Association of Governments for San Mateo County

CCAP	Community Climate Action Plan
CCAT	California Climate Action Team
CCR	California Code of Regulations
CDFG	California Department of Fish and Game
CDFW	California Department of Fish and Wildlife
CDPH	California Department of Public Health
CDMG	California Department of Mines and Geology
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CESA	California Endangered Species Act
CFR	Code of Federal Regulations
CGS	California Geological Survey
CH ₄	methane
CHP	California Highway Patrol
CHTS	California Household Travel Survey
CIP	Capital Improvement Project
CLUP	San Mateo County Comprehensive Airport Land Use Plan
cm	Centimeter
CMA	Congestion Management Agency
CMP	Congestion Management Program
CNEL	Community Noise Equivalent Level
CNDDDB	California Natural Diversity Database
CNPPA	Native Plant Protection Act
CNPS	California Native Plant Society
CO	carbon monoxide
CO ₂	carbon dioxide
CO ₂ e	carbon dioxide equivalents
Corps	U.S. Army Corps of Engineers
CRHR	California Register of Historic Resources
CTC	California Transportation Commission
CU	Cumulative
CUPA	Certified Unified Program Agency
CWA	Clean Water Act
cy	cubic yards
dB	decibel
dBA	A-weighted decibel
DMMO	Dredged Material Management Office
DNL	Day/Night Average Sound Level
DOT	Department of Transportation
DPM	diesel particulate matter
DPR	Department Parks and Recreation
DPS	distinct population segment

DTSC	Department of Toxic Substances Control
du	dwelling units
DWR	Department of Water Resources
EFH	Essential Fish Habitat
EIR	Environmental Impact Report
EOC	Emergency Operations Center
EPA	Environmental Protection Agency
ESA	Endangered Species Act
F	Fahrenheit
FAA	Federal Aviation Administration
FAR	Floor-area Ratio
Fed/OSHA	U.S. Department of Labor Occupational Safety and Healthy Administration
FEMA	Federal Emergency Management Agency
ferry service	Water Emergency Transportation Authority
FESA	Federal Endangered Species Act
FGC	Fish and Game Code
FHWA	Federal Highway Administration
FIRM	Flood Insurance Rate Map
FMPs	Fisheries Management Plans
g	gravity
GBO	Green Building Ordinance
GFL	gutter flow-line
GHG	greenhouse gas
GI	General Industrial
GIS	geographic information systems
gpd	gallons-per-day
gpm	gallons-per-minute
GWP	global warming potential
HAP	Hazardous Air Pollutant
HARP	Hotspots Analysis Reporting Program
HCM	Highway Capacity Manual
HEPA	high efficiency particulate air filter
HFC	hydrofluorocarbon
HMBP	Hazardous Materials Business Plan
HMP	hydrograph modification management plan
HOVs	high-occupancy vehicles
HRA	Health Risk Assessment
HRAC	Historic Resources Advisory Committee
HV	Harbor View
HVAC	heating ventilation and air conditioning equipment
HWCL	Hazardous Waste Control Law
I-280	Interstate 280

IBC	International Building Code
ICLEI	Local Governments for Sustainability (formerly International Council for Local Environmental Initiatives)
IH-1	Inner Harbor-1
IH-2	Inner Harbor-2
IPM	Integrated Pest Management
IR	Industrial Restricted
ITE	Institute of Transportation Engineers
ksf	thousand square feet
L _{eq}	equivalent sound level
L _{max}	instantaneous maximum noise level
LCFS	Low Carbon Fuel Standards
LEED	Leadership in Energy and Environmental Design
LI	Low-Intensity Industrial
LID	low impact development/design
LOS	level of service
LS	Less than Significant
LTMS	Long Term Management Strategy
M	Richter Magnitude
MBTA	Migratory Bird Treaty Act
MG	million gallons
mgd	million gallons per day
MHW	mean high water
MLLW	mean lower low water
MM	Modified Mercalli
MMPA	Marine Mammal Protection Act
MMRP	Mitigation Monitoring and Reporting Program
mm/yr	millimeters per year
MRP	Municipal Regional Stormwater NPDES Permit
mph	miles per hour
MPO	metropolitan planning organization
MRZs	Mineral Resource Zones
MSA	Magnuson-Stevens Act
MSDS	Materials Safety Data Sheets
msf	million square feet
MT	metric tons
MTC	Metropolitan Transportation Commission
MU-WF	Mixed Use-Waterfront
Mw	Moment Magnitude
MXD	Mixed Land Use
N	No Impact
N ₂ O	nitrous oxide

NAAQS	National Ambient Air Quality Standards
NAHC	Native American Heritage Commission
National Register	National Register of Historic Places
NEHRP	National Earthquake Hazards Reduction Program
NHPA	National Historic Preservation Act
NMFS	National Marine Fisheries Service
NO	nitric oxide
NO ₂	nitrogen dioxide
NO _x	nitrogen oxides
NOA	Notice of Release/Availability
NOAA	National Oceanic and Atmospheric Administration
NOC	Notice of Completion
NOI	Notice of Intent
NOP	Notice of Preparation
NPDES	National Pollutant Discharge Elimination System
NRC	National Research Council
NTR	National Toxics Rule
NWR	Bay National Wildlife Reserve
OEHHA	Office of Environmental Health Hazard Assessment
OES	Office of Emergency Services
OHP	Office of Historic Preservation
OHWM	ordinary high water mark
OPR	Office of Planning and Research/also [Oakland] Office of Parks and Recreation
OS	open space
OS-0	Open Space-Water
OS-1	Open Space-Wetland
OS-2	Open Space-Land
OS-L	Open Space-Land
OS-T	Open Space-Tidal
OS-W	Open Space-Wetland
OSHA	Occupational Safety and Health Administration
P	Planned Community district
P-1	Planned Unit District
PAHs	polycyclic aromatic hydrocarbons
PCB	polychlorinated biphenyl
PDWF	Peak Dry Weather Flow
PeMS	(Caltrans) Performance Measurement Systems
PF	Public Facilities
PFC	perfluorocarbon
PG&E	Pacific Gas & Electric
PM	particulate matter
PM2.5	fine particular matter (that is less than 2.5 microns in diameter)

PM10	particulate matter (that is 10 microns or less in diameter)
ppm	part(s) per million
PPV	peak particle velocity
PRC	Public Resources Code
PS	Potentially Significant
PVC	polyvinyl chloride
PWA	Public Works Agency
PWWF	Peak Wet Weather Flow
PYC	Peninsula Yacht Club
RCRA	Resource Conservation and Recovery Act
RCSD	Redwood City School District
R&D	Research and Development
RMP	Risk Management Plan
RMS	root mean square
ROG	reactive organic gases
ROW	right(s)-of-way
RRFB	Rectangular Rapid Flash Beacons
RTP	Regional Transportation Plan
RWQCB	Regional Water Quality Control Board
RWS	San Francisco's Regional Water System
S	Significant
SAAQS	State Ambient Air Quality Standards (California)
SamTrans	San Mateo County Transit District
SAR	Second Assessment Report
SARA	Superfund Amendments and Reauthorization Act
SB	Senate Bill
SBSA	South Bayside System Authority
SCVWD	Santa Clara Valley Water District
SDC	Seismic Design Category
SDWA	Safe Drinking Water Act
SF ₆	sulfur hexafluoride
sf	square feet
SFEI	San Francisco Estuaries Institute
SFPUC	San Francisco Public Utilities Commission
SFRWQCB	San Francisco Bay Regional Water Quality Control Board
SHPO	State Historic Preservation Officer
SIP	State Implementation Plan
SMARA	Surface Mining and Reclamation Act
SMCEH	San Mateo County Environmental Health
SMDCP	Redwood City Stormwater Management and Discharge Control Program
SMFD	San Mateo County Fire Department
SO ₂	sulfur dioxide

SP	Specific Plan
SSSC	side-street stop controlled
STOPPP	San Mateo Countywide Stormwater Pollution Prevention Program
SU	Significant Unavoidable
SUHSD	Sequoia Union High School District
SVCW	Silicon Valley Clean Water
SVP	Society of Vertebrate Paleontology
SWPPP	Stormwater Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TAC	Toxic Air Contaminant
TAZ	traffic analysis zones
TCMs	transportation control measures
TDM	transportation demand management
TIF	Transportation Impact Mitigation Fee Program
TMDL	Total Maximum Daily Load
TP	Tidal Plain
TRB	Transportation Research Board
TSCA	Toxic Substances Control Act
UCERF3	Uniform California Earthquake Rupture Forecast
ULI	Urban Land Institute
UNFCCC	United Nations Framework Convention on Climate Change
UPRR	Union Pacific Railroad
USCG	United States Coast Guard
USEPA	U.S. Environmental Protection Agency
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
USPS	U.S. Postal Service
UWMP	Urban Water Management Plan
v/c	volume to capacity
VCP	vitriified clay pipe
VMT	vehicle miles traveled
VOC	volatile organic compound
vph	vehicles per hour
VTA	Santa Clary Valley Transportation Authority
VTR	vehicle trip reductions
WBWG	Western Bat Working Group
WD-1	Water Dependent Development-1
WD-2	Water Dependent Development-2
WDD	Water Dependent Development
WDRs	Waste Discharge Requirements
WETA	Water Emergency Transportation Authority
WQC	Water Quality Certification

WSA	Water Supply Assessment
WSIP	Water System Improvement Program
WSMP	Water Supply Management Program
WSP	Welded Steel Pipe