

PIER 70 MIXED-USE DISTRICT PROJECT



**CITY AND COUNTY OF SAN FRANCISCO
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**SAN FRANCISCO
PLANNING
DEPARTMENT**

**PIER 70 MIXED-USE DISTRICT PROJECT
DRAFT ENVIRONMENTAL IMPACT REPORT**

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LIST OF ACRONYMS AND ABBREVIATIONS

AASHTO	American Association of State Highway Transportation Officials	BTLC	Board of the Tide Land Commissioners
AB	Assembly Bill	Btu	British Thermal Units
ABAG	Association of Bay Area Governments	CalOSHA	State Occupational Safety and Health Administration
AC Transit	Alameda-Contra Costa Transit	Caltrans	California Department of Transportation
ACL	absolute cumulative limit	CAP	Clean Air Plan
ACS	American Community Survey	CAPCOA	California Air Pollution Control Officers Association
ADA	Americans with Disabilities Act	CARB	California Air Resources Board
ADRP	archaeological data recovery plan	CC&Rs	Covenants Conditions and Restrictions
AIC	American Industrial Center	CCR	California Code of Regulations
ALS	advanced life support	CCSF	City and County of San Francisco
AMP	archaeological monitoring program	CDFG	California Department of Fish and Game
AMS	Applied Marine Sciences	CDFW	California Department of Fish and Wildlife
APC	automated passenger count	CDMG	California Division of Mines and Geology
APEZ	Air Pollutant Exposure Zone	CEC	California Energy Commission
API	Associated Press International	CEQA	California Environmental Quality Act
AQI	Air Quality Index	CESA	California Endangered Species Act
AQTR	Air Quality Technical Report	CFR	Code of Federal Regulations
ARDTP	Archaeological Research Design and Treatment Plan	CH ₄	methane
ASCE	American Society of Civil Engineers	CHPS	California Collaborative for High Performance Schools
ATCM	Airborne Toxic Substances Control Measure	CIWMA	California Integrated Waste Management Act
ATP	archaeological testing plan	CIWMB	California Integrated Waste Management Board
AWCS	Automated Waste Collection System	CNDDB	California Natural Diversity Database
AWSS	auxiliary water supply system	CNEL	Community Noise Equivalent Level
BA	Biological Assessment	CNPPA	California Native Plant Protection Act
BAAQMD	Bay Area Air Quality Management District	CNPS	California Native Plant Society
BABS	Bay Area Bike Share	CO	carbon monoxide
BART	Bay Area Rapid Transit	CO ₂	carbon dioxide
BCC	Bird of Conservation Concern	CO ₂ E	carbon dioxide-equivalent measures
BCDC	San Francisco Bay Conservation and Development Commission	CPC	Capital Planning Committee
Bcf	billion cubic feet	CPE	Community Plan Exemption
Bcf/year	billion cubic feet per year	CPUC	California Public Utilities Commission
bgs	below ground surface	CRHR	California Register of Historic Resources
BLIP	Branch Library Improvement Program		
BLS	basic life support		
BMP	Best Management Practice		
BO	Biological Opinion		
BPG	Building Permit Group		
BRT	Bus Rapid Transit		
BTEX	benzene, toluene, ethylbenzene, and xylenes		

CRPR	California Rare Plant Rank	g	gravity
CSC	California Species of Special Concern	GGNRA	Golden Gate National Recreation Area
CSD	combined sewer discharge	GHG	greenhouse gas
CSO	Combined Sewer Overflow	GIS	geographic information system
CWA	Clean Water Act	gpd	gallons per day
CZMA	Coastal Zone Management Act	gpf	gallons per flush
		gpm	gallons per minute
D4D	Design for Development	gsf	gross square feet
dB(s)	decibel(s)	GWP	Global Warming Potential
dBA	decibel A-weighting		
DBI	Department of Building Inspection	HABS	Historic American Building Survey
DDA	Disposition and Development Agreement	HAER	Historic American Engineering Record
DEHP	di (2 ethylhexyl) phthalate	HCD	California Department of Housing and Community Development
DEM	Department of Emergency Management	HCM	Highway Capacity Manual
DNAPL	dense nonaqueous phase liquid	HDPE	high-density polyethylene
DOT	Department of Transportation	HEPA	high efficiency particulate air
DPH	Department of Public Health	HHRA	Human Health Risk Assessment
DPM	diesel particulate matter	HI	Hazard Index
DPR	Department of Parks and Recreation	HMBP	hazardous materials business plan
		HOV	high-occupancy vehicle
DPW	Department of Public Works	HRA	health risk assessment
DTSC	Department of Toxics Substances Control	HRER	Historic Resource Evaluation Response
		HUD	U.S. Department of Housing and Urban Development
EFH	essential fish habitat	HVAC	heating/ventilation/air conditioning
EIR	Environmental Impact Report	Hz	hertz
EMS	Emergency Management Services		
EMT	emergency medical technician	IEP	Interagency Ecological Program
ENA	Exclusive Negotiating Agreement	IHA	Incidental Harassment Authorization
EO	Executive Order		
EPA	Environmental Protection Agency	in/sec	inches per second
ERO	Environmental Review Officer	ITE	Institute of Transportation Engineers
ESA	Environmental Science Associates		
ESA	Environmental Site Assessment		
ESL	Environmental Screening Level		
ESLRA	ecological screening level risk assessment	kV	kilovolt
		kVA	kilovolt amps
		kW	kilowatt
FARR	Final Archaeological Resources Report	kWh	kilowatt-hours
FEMA	Federal Emergency Management Agency	L _{dn}	day-night noise level
FESA	Federal Endangered Species Act	LEED®	Leadership in Energy and Environmental Design
FHWA	Federal Highway Administration	Leq (24)	steady-state acoustical energy level measured over a 24-hour period.
FIRM	Flood Insurance Rate Map		
FMP	fishery management plan	Leq	steady-state energy level
FR	Federal Register	LID	low impact development
FS/RAP	Feasibility Study/Remedial Action Plan	Lmax	maximum, instantaneous noise level registered during a measurement period
FTA	Federal Transit Administration	LOS	Levels of Service

LTMS	Long-Term Management Strategy	NO _x	oxides of nitrogen
MBBTCC	Mission Bay Ballpark Transportation Coordination Committee	NPDES	National Pollutant Discharge Elimination System
MBTA	Migratory Bird Treaty Act	NRC	National Research Council
MEISR	Maximum Exposed Individual Sensitive Receptor	NRHP	National Register of Historic Places
mg/kg	milligrams per kilogram	NWIC	Northwest Information Center
mg/L	milligrams per liter	OCH	Office of Community Investment and Infrastructure
mgd	million gallons per day	OEHHA	Office of Environmental Health Hazard Assessment
MHHW	Mean Higher High Water	OEWD	Office of Economic Workforce and Development
MLD	Most Likely Descendant	OHP	Office of Historic Preservation
MLP	maximum load point	OHWM	ordinary high water mark
MMBtu	million BTU	OITC	Outdoor/Indoor Transmission Class
MMPA	Marine Mammal Protection Act	OPR	Office of Planning and Research
MMRP	Mitigation Monitoring and Reporting Program	OSHA	Occupational Safety and Health Administration
MMTCO ₂ E	million metric tons of CO ₂ - equivalent	PAH	polycyclic aromatic hydrocarbon
mph	mile(s) per hour	PCB	polychlorinated biphenyl
MRZ	Mineral Resource Zone	PCO	Parking Control Officer
MS4	Municipal Separate Storm Sewer System	PDA	Priority Development Area
MT	metric tonne	PDR	Production, Distribution, Repair
MTA	Municipal Transportation Agency	PDT	Pacific Daylight Time
MTCO ₂ E	million gross metric tons of CO ₂ E	PG&E	Pacific Gas and Electric Company
Muni	San Francisco Municipal Railway	PM	particulate matter
MW	megawatt(s)	PM10	PM of 10 microns in diameter or less
Mw	moment magnitude	PM2.5	PM of 2.5 microns in diameter or less
MWh	million megawatt-hours	POPOS	privately owned public open space
N ₂ O	nitrous oxide	Port	Port of San Francisco
N ₂ O	ozone	ppb	parts per billion
NAAQS	national ambient air quality standards	pphm	parts per hundred million
NAHC	Native American Heritage Commission	ppm	parts per million
NAPL	non-aqueous phase liquid	PPV	peak particle velocity
NAVD88	North American Vertical Datum 1988	PRMMP	Paleontological Resources Monitoring and Mitigation Program
NB	Northbound	PSA	Park Service Area
NCP	National Contingency Plan	psi	pound per square inch
NEMA	National Electrical Manufacturers Association	PST	Pacific Standard Time
NESHAP	National Emissions Standards for Hazardous Air Pollutants	PV	photovoltaic
NFPA	National Fire Protection Association	QACL	Qualified Archeological Consultants List
ng/m ³	nanograms per cubic meter	QSD	Qualified SWPPP Developer
NMFS	National Marine Fisheries Service	RALI	retail/arts/light-industrial
NO ₂	nitrogen dioxide	RBTC	risk-based target concentration
NOAA	National Oceanic and Atmospheric Administration	RCRA	Resource Conservation and Recovery Act
NOP	Notice of Preparation	RHNA	Regional Housing Need Allocation

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RMP	Risk Management Plan	SWRCB	State Water Resources Control Board
RMS	root mean square		
ROG	reactive organic gas		
ROSE	Recreation and Open Space Element	TAC	toxic air contaminant
RPD	Recreation and Parks Department	TASC	Transportation Advisory Staff Committee
RPP	residential permit parking	TAZ	transportation analysis zone
RPS	Renewable Portfolio Standard	TC	Transportation Coordinator
RWQCB	Regional Water Quality Control Board	TCLP	Toxicity Characteristic Leaching Procedure
		TDM	Transportation Demand Management
SAAQS	state ambient air quality standards	TIC	tenancies in common
SamTrans	San Mateo County Transit	TIS	Transportation Impact Study
SB	Senate Bill	TMA	Transportation Management Agency
SB	Southbound		
SDC	Seismic Design Category	TMDL	total maximum daily load
SEI	Structural Engineering Institute	TNC	transportation network company
SEL	sound exposure level	TOG	total organic gas
SEWPCP	Southeast Water Pollution Control Plantsf square feet	TPH	total petroleum hydrocarbons
SFBAAB	San Francisco Bay Area Air Basin	tpy	tons per year
SFCD	San Francisco City Datum	TSP	Transit Signal Priority
SFCHAMP	San Francisco Chained Activity Model Process	TSP	Transit Signal Priority
SFCTA	San Francisco County Transportation Authority	TTLC	total threshold limit concentration
SFFD	San Francisco Fire Department	UCSF	University of California, San Francisco
SFMTA	San Francisco Municipal Transportation Agency	UIW	Union Iron Works
SFO	San Francisco International Airport	USC	United States Code
SFPA	San Francisco Parks Alliance	USCG	U.S. Coast Guard
SFPD	San Francisco Police Department	USEPA	U.S. Environmental Protection Agency
SFPUC	San Francisco Public Utilities Commission	USF	University of San Francisco
SFPW	San Francisco Public Works	USFWS	U.S. Fish and Wildlife Society
SFUSD	San Francisco Unified School District	USGS	U.S. Geological Survey
SLIC	Spills, Leaks, Investigation and Cleanup	USSC	United States Shipbuilding Company
SLR	sea level rise	UST	underground storage tank
SMM	Sims Metals Management	UWMP	Urban Water Management Plan
SMP	Site Management Plan	VACC	Vibro-Acoustic Consultants
SMR	Stormwater Management Requirements and Design Guidelines	VDECS	Verified Diesel Emission Control Strategies
SO ₂	sulfur dioxide	VMT	vehicle miles traveled
SOMA	South of Market	VOC	volatile organic compound
STC	Sound Transmission Class	WDR	Waste Discharge Requirements
STLC	soluble threshold limit concentration	WEAP	Worker Environmental Awareness Program
SUD	Special Use District	WHO	World Health Organization
SVOC	semivolatile organic compound	WLUP	Waterfront Land Use Plan
SVP	Society for Vertebrate Paleontology	WSA	Water Supply Assessment
SWPPP	Stormwater Pollution Prevention Plan	WSIP	Water System Improvement Program

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WTA	Waterfront Transportation Assessment	$\mu\text{g}(\text{s})$ $\mu\text{g}/\text{L}$	microgram(s) micrograms per liter
WTRS	Wastewater Treatment and Reuse System	$\mu\text{g}/\text{m}^3$ μPa	micrograms per cubic meter microPascal



SAN FRANCISCO PLANNING DEPARTMENT

DATE: December 21, 2016
TO: Distribution List for the Pier 70 Mixed-Use District Project Draft EIR
FROM: Lisa M. Gibson, Acting Environmental Review Officer
SUBJECT: Request for the Final Environmental Impact Report for the Pier 70 Mixed-Use District Project (Planning Department File No. 2014-001272ENV)

1650 Mission St.
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415.558.6378

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This is the Draft of the Environmental Impact Report (EIR) for the Pier 70 Mixed-Use District Project. A public hearing will be held on the adequacy and accuracy of this document. After the public hearing, our office will prepare and publish a document titled "Responses to Comments," which will contain all relevant comments on this Draft EIR and our responses to those comments. It may also specify changes to this Draft EIR. Those who testify at the hearing on the Draft EIR will automatically receive a copy of the Responses to Comments document, along with notice of the date reserved for certification; others may receive a copy of the Responses to Comments document and notice by request or by visiting our office. This Draft EIR together with the Responses to Comments document will be considered by the Planning Commission in an advertised public meeting and will be certified as a Final EIR if deemed adequate.

After certification, we will modify the Draft EIR as specified by the Responses to Comments document and print both documents in a single publication called the Final EIR. The Final EIR will add no new information to the combination of the two documents except to reproduce the certification resolution. It will simply provide the information in one document, rather than two. Therefore, if you receive a copy of the Responses to Comments document in addition to this copy of the Draft EIR, you will technically have a copy of the Final EIR.

We are aware that many people who receive the Draft EIR and Responses to Comments document have no interest in receiving virtually the same information after the EIR has been certified. To avoid expending money and paper needlessly, we would like to send copies of the Final EIR [in Adobe Acrobat format on a CD] to private individuals only if they request them. Therefore, if you would like a copy of the Final EIR, please fill out and mail the postcard provided inside the back cover to the Environmental Planning division of the Planning Department within two weeks after certification of the EIR. Any private party not requesting a Final EIR by that time will not be mailed a copy. Public agencies on the distribution list will automatically receive a copy of the Final EIR.

Thank you for your interest in this project.

PIER 70 MIXED-USE DISTRICT PROJECT

**CITY AND COUNTY OF SAN FRANCISCO
PLANNING DEPARTMENT: CASE NO. 2014-001272ENV
STATE CLEARINGHOUSE NO. 2015052024**

DRAFT EIR PUBLICATION DATE: DECEMBER 21, 2016

DRAFT EIR PUBLIC HEARING DATE: FEBRUARY 9, 2017

**DRAFT EIR PUBLIC COMMENT PERIOD: DECEMBER 22, 2016 -
FEBRUARY 21, 2017**

Written comments should be sent to:

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**SAN FRANCISCO
PLANNING
DEPARTMENT**