

Draft Environmental Impact Report

Pacific Place Project

SCH No. 2023060250

Prepared for | City of Long Beach
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K	City of Long Beach 2021 Park Acquisition Feasibility Report
L	Noise and Vibration Report
M	Traffic Impact Analysis
N	Kizh Nation Negative Findings Memo

LIST OF ACRONYMS

°F	Fahrenheit
AAMP	Ambient Air Monitoring Plan
AB	Assembly Bill
ACHP	Advisory Council on Historic Preservation
ADT	average daily trips
AEC	areas of environmental concern
AECs	areas of elevated concentrations
amsl	above mean sea level
Applicant	Artesia Acquisition Company, LLC
ASTM	American Society for Testing Materials
ASTs	above ground storage tanks
BERD	Built Environment Resource Database
BIOS	Biogeographic Information and Observation System
BMPs	Best Management Practices
BRA	Biological Resources Assessment
CAA	Clean Air Act
CAAP	Climate Action and Adoption Plan
CAAP	Climate Action and Adaptation Plan
CAFE	Corporate Average Fuel Economy
Cal/EPA	California Environmental Protection Agency
CalEEMod	California Emissions Estimator Model
CalGEM	California Geologic Energy Management Division
CalOSHA	California Occupational Safety and Health Administration
CalRecycle	California Department of Resources Recycling and Recovery
Caltrans	California Department of Transportation
CAP	Climate Action Plan
CAPCOA	California Air Pollution Control Officers Association
CBC	California Building Code
CBSC	California Building Standard Commission
CCAA	California Clean Air Act
CCR	California Code of Regulations
CDFW	California Department of Fish and Wildlife
CEC	California Energy Code
CEC	California Energy Commission
Central Basin	Los Angeles Groundwater Basin
CEQA	California Environmental Quality Act
CERS	California Environmental Reporting System
CESA	California Endangered Species Act
CFC	California Fire Code
CFR	Code of Federal Regulations

CGS	California Geological Survey
CH ₄	methane
CHMIRS	California Hazardous Materials Reporting System
CIFF	California Important Farmland Finder
City	City of Long Beach
CLRRA	California Land Reuse and Revitalization Act of 2004
CMP	Congestion Management Program
CNDDDB	California Natural Diversity Database
CNEL	Community Noise Equivalent Level
CNG	compressed natural gas
CNPS	California Native Plant Society
CO	carbon monoxide
CO ₂	carbon dioxide
CO ₂ e	Carbon dioxide equivalent
COG	Council of Governments
Court	Los Angeles Superior Court
CPS-SLIC	Cleanup Program Site – Spills, Leaks, Investigations, and Cleanups
CPT	cone penetrometer test
CPUC	California Public Utilities Commission
CRHR	California Register of Historical Resources
CS	Commercial Storage
CSA	Community Service Assistant
CSA	Community Service Assistant
CSU	California State University
CWA	Clean Water Act
CX3	Communities of Excellence in Nutrition, Physical Activity and Obesity Prevention
DEIR	Draft Environmental Impact Report
DLRP	Division of Land Resource Protection
DMA	drainage management area
DOF	Department of Finance
DOGGR	Division of Oil, Gas, and Geothermal Resources
DPM	diesel particulate matter
DTSC	Department of Toxic Substances Control
EDD	California State Employment Development Department
EFZ	Alquist-Priolo Earthquake Fault Zone
EIR	Environmental Impact Report
EISA	Energy Independence and Security Act
EMFAC	Emission Factors
EMP	Excavation Management Plan
EO	Executive Order

EOP	Emergency Operations Plan
EPCRA	Emergency Planning and Community Right-to-Know Act
ESA	Environmental Site Assessment
EV	electric vehicle
FCN	Founding and Contemporary Neighborhood
FCN	Founding and Contemporary Neighborhood
Feasibility Report	City of Long Beach Park Acquisition Feasibility-Report
FEMA	Federal Emergency Management Act
FGC	Fish and Game Code
FHSZ	fire hazard severity zone
FHWA	Federal Highway Administration
ft	feet
GHG	greenhouse gas
GPA	General Plan Amendment
GWP	global warming potential
H ₂ SO ₃	sulfurous acid
H ₂ SO ₄	sulfuric acid
HASP	Health and Safety Plan
HCD	California Housing and Community Development Department
HCP	Habitat Conservation Plan
HI	Hazard Index
HIST UST	Historical Underground Storage Tank
HPSR	Historic Property Survey Report
HRA	Health Risk Assessment
HVAC	heating, ventilating, and air conditioning
HWCA	California Hazardous Waste Control Act
I	Institutional
I-405	Interstate 405
I-710	Interstate 710
IBC	International Building Code
IL	Light Industrial
IPaC	Information for Planning and Consultation database
IS	Initial Study
JPA	Joint Powers Authority
JWPCP	Joint Water Pollution Control Plant
K-12	kindergarten through twelfth grade
LACFCD	Los Angeles County Flood Control District
LACM	Natural History Museum of Los Angeles County
LACSD	Los Angeles County Sanitation District
LAFCDD	Los Angeles County Flood Control District
LARWQCB	Los Angeles Regional Water Quality Control

LB CAP	Long Beach Climate Action Plan
LBFD	Long Beach Fire Department
LBGO	Long Beach Gas and Oil Department
LBMC	Long Beach Municipal Code
LBPD	Long Beach Police Department
LBPL	Long Beach Public Library
LBUSD	Long Beach Unified School District
LBWD	Long Beach Water Department
LBWRP	Long Beach Water Reclamation Plant
LID	Low Impact Development
LLARRP	Lower LA River Revitalization Plan
LRA	Local Responsibility Area
LST	localized significance threshold
LUC	land use covenant
LUE	Land Use Element
MATES V	Multiple Air Toxics Exposure Study V
MCV	Manual of California Vegetation
MEI	maximally exposed individual
MEIR	Maximally Exposed Impacted Resident
Metro	Los Angeles County Metropolitan Transportation Authority
MLD	Most Likely Descendent
MM	Mitigation Measure
MMI	Modified Mercalli Intensity
MMTCO _{2e}	million metric tons of carbon dioxide equivalent
MND	Mitigated Negative Declaration
mph	miles per hour
MPO	Metropolitan Planning Organization
MRZ-3	Mineral Resource Zone 3
MTA	Metropolitan Transportation Authority
MTCO _{2e}	metric tons of carbon dioxide equivalent
MUTCD	Manual on Uniform Traffic Control Devices
MWD	Metropolitan Water District of Southern California
N ₂ O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NAGPRA	Native American Graves Protection and Repatriation Act
NAHC	Native American Heritage Commission
NCCP	Natural Community Conservation Plan
NCCP Act	Natural Community Conservation Planning Act
NETR	National Environmental Title Research
NHPA	National Historic Preservation Act
NHTSA	National Highway Traffic Safety Administration

NI	Neo-Industrial
NO	nitric oxide
NO ₂	nitrogen dioxide
NOP	Notice of Preparation
NO _x	nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
NRHP	National Register of Historic Places
O ₃	ozone
OEFs	other environmental features
OEHHA	Office of Environmental Health Hazard Assessment
OffRoad	Off-Road Diesel Analysis
OHP	California Office of Historic Preservation
OM&M	Operations Monitoring and Maintenance
OPR	Governor's Office of Planning and Research
OS	Open Space
P	Park
PAHs	polycyclic aromatic hydrocarbons
PCBs	polychlorinated biphenyls
PCE	perchloroethylene
PlaceType	General Plan land use designation
PM10	particulate matter with a diameter of 10 microns or less
PM2.5	particulate matter with a diameter of 2.5 microns or less
PNA	Parks Needs Assessment
PNA	Parks and Recreation Needs Assessment
PNA+	Parks Needs Assessment Plus
PR	Public Right-of-Way
PRM	Long Beach Parks, Recreation, and Marine
PV	photovoltaic
R-1-N	Residential zoning
RACR	Remedial Action Completion Report
RCP	reinforced concrete pipe
RDIP	Remedial Design and Implementation Plan
RECs	Recognized Environmental Conditions
REL	Reference Exposure Level
RHNA	Regional Housing Needs Assessment
RI	Remedial Investigation
ROGs	reactive organic gases
RP	Response Plan
RPS	Renewables Portfolio Standard
RTP/SCS	Regional Transportation Plan/Sustainable Communities Strategy
RTPs	regional transportation plans

RV	Recreational Vehicle
RWQCB	Regional Water Quality Control Board
SAFE	Safer, Affordable, Fuel-Efficient
SAP/ROF	Site Assessment Plan and Report of Findings
SB	Senate Bill
SCAG	Southern California Association of Governments
SCAP	Sustainable City Action Plan
SCAQMD	South Coast Air Quality Management District
SCCIC	South-Central Coastal Information Center
SCE	Southern California Edison
SCGC	Southern California Gas Company
SCH	State Clearinghouse
SCS	Sustainable Communities Strategy
SEMS	Superfund Enterprise Management System
SERRF	Southeast Resource Recovery Facility
SHMA	Seismic Hazards Mapping Act
SIP	State Implementation Plan
SLF	Sacred Lands File
SLR	sea level rise
SMARTS	Storm Water Multiple Application & Reporting System
SMP	Soil Management Plan
SO ₂	sulfur dioxide
SO ₃	sulfur trioxide
SoCAB	South Coast Air Basin
SOI	Secretary of the Interior
SO _x	sulfur oxides
SR-91	State Route 91, Riverside Freeway
SRA	State Responsibility Area
SRA	State Responsibility Area
SVOC	semi-volatile organic compound
SWF/LF	Solid Waste Facilities/Landfill Facilities
SWPPP	Stormwater Pollution Prevention Plan
TACs	toxic air contaminants
TACs	toxic air contaminants
TCE	trichloroethylene
TCR	Tribal Cultural Resources
TDM	Transportation Demand Management
TIA	Transportation Impact Analysis
TIMS	Transportation Injury Mapping Systems
TMDL	Total Maximum Daily Load
TOD	Transit Oriented Development

TPH	total petroleum hydrocarbon
TPH-cc	total petroleum hydrocarbon chain range
UC	University of California
USACE	United States Army Corps of Engineers
USDOT	U.S. Department of Transportation
USEPA	United States Environmental Protection Agency
USFWS	United States Fish and Wildlife Service
UST	Underground Storage Tank
USTs	underground storage tanks
UWMP	Urban Water Management Plan
VCP	vitriified clay pipe
VdB	vibration decibels
VHFHSZ	Very High Fire Hazard Severity Zone
VMT	vehicle miles traveled
VOC	volatile organic compound
WDID	Waste Discharge Identification
WDRs	Waste Discharge Requirements
WRCC	Western Regional Climate Center
WSA	water supply assessment
ZEV	Zero Emission Vehicle
ZNE	zero net energy
µg/m ³	cubic meter