



Public Works Plan

Pismo State Beach and Oceano Dunes State Vehicular Recreation Area Public Works Plan

Volume 3. Draft Environmental Impact Report

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Pismo State Beach and Oceano Dunes
State Vehicular Recreation Area

Public Works Plan Volume 3: Draft Environmental Impact Report

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- Appendix B. Air Quality Calculations
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ACRONYMS, ABBREVIATIONS, AND SYMBOLS

°C	Celsius
µg/m ³	micrograms per cubic meter
2017 Scoping Plan Update	Strategy for Achieving California’s 2030 Greenhouse Gas Target
3CE	Central Coast Community Energy
AB52	Assembly Bill 52
ACMs	asbestos-containing materials
ADA	Americans with Disabilities Act
afy	acre-feet per year
ALUC	Airport Land Use Commission
ALUP	Airport Land Use Plan
AMMs	Avoidance and Minimization Measures
APCD	Air Pollution Control District
APCO	Air Pollution Control Officer
APP	Aerosol Particle Profiler
ATV	all-terrain vehicle
Basin Plan	Water Quality Control Plan for the Central Coastal Basin
BMP Manual	OHV BMP Manual for Erosion and Sediment Control
BMPs	Best Management Practices
BTA	Bicycle Transportation Account
Btu	British thermal units
BUOW	Western Burrowing Owl
CAAQS	California Ambient Air Quality Standards
CAL FIRE	California Department of Forestry and Fire Protection
CalEEMod	California Emissions Estimator Model
CalGEM	California Geologic Energy Management Division
CALGreen	California Green Building Standards
CALGreen Code	California Green Building Standards Code
Cal-OSHA	California Division of Occupational Safety and Health
CalRecycle	California Department of Resources Recycling and Recovery
Caltrans	California Department of Transportation
CARB	California Air Resources Board
CASGEM	California Statewide Groundwater Elevation Monitoring
CASQA	California Stormwater Quality Association
CBC	California Building Code
CCAT	Central Coast Area Transit
	California Coastal Commission
	California Code of Regulations
	CCC
	CCR



CDF	County Fire Department
CDFW	California Department of Fish and Wildlife
CDP	Coastal Development Permit
CDPR	California Department of Parks and Recreation
CEC	California Energy Commission
Central Coast RWQCB	Central Coast Regional Water Quality Control Board
CEQA	California Environmental Quality Act
CESA	California Endangered Species Act
CFC	Chlorofluorocarbons
CFR	Code of Federal Regulations
CGS	California Geological Survey
CHRIS	California Historical Resources Information System
CLTE	California least tern
CO	carbon monoxide
Coastal Act	California Coastal Act
Construction General Permit	General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities (Order 2009-009-DWQ as amended by Order Nos. 2010-0014-DWQ and 2012-0006-DWQ)
CRHR	California Register of Historic Resources
CRI	Cultural Resource Inventory
CRLF	California red-legged frog
CUP	Conditional Use Permit
CVC	California Vehicle Code
CWA	Clean Water Act
CZLUO	Coastal Zone Land Use Ordinance
DDD	dichlorodiphenyldichloroethane
DDE	dichlorodiphenyldichloroethylene
DDT	dichlorodiphenyltrichloroethane
DOC	California Department of Conservation
DOM	Department Operations Manual
DPM	Diesel Particulate Matter
DTSC	California Department of Toxic Substances Control's
DWR	California Department of Water Resources
E-BAM	environmental beta attenuation monitors
EIR	Environmental Impact Report
EO	Executive Order
ESHA	Environmentally Sensitive Habitat Areas
ESU	Ecologically Significant Unit
FAA	Federal Aviation Administration
FEMA	Federal Emergency Management Agency



FESA	Federal Endangered Species Act
g	percentage of gravity
General Plan	1975 Pismo State Beach and Oceano Dunes SVRA General Plan
GHG	greenhouse gas
GIS	geographic information system
GSAs	groundwater sustainability agencies
GSP	groundwater sustainability plans
GWh	gigawatt-hours
GWP	global warming potential
H ₂ S	hydrogen sulfide
HCFCs	Hydrochlorofluorocarbons
HCP	Habitat Conservation Plan
HFCs	Hydrofluorocarbons
ITE	Institute of Transportation Engineers
ITP	incidental take permit
lbs	pounds
LCPs	Local Coastal Plans
LID	Low Impact Development
LNAPL	light non-aqueous phase liquid
LUP	Land Use Plan
LUST	leaking underground storage
MBTA	Migratory Bird Treaty Act
Mesa ²	Nipomo-Guadale Road
mg/m ³	milligrams per cubic meter
mgd	million gallons per day
MLD	Most Likely Descendant
MM	Mitigation Measure
MRZ	Mineral Resource Zone
MT CO ₂ e/yr	Metric Tons CO ₂ /year
NAAQS	National Ambient Air Quality Standards
NAHC	Native American Heritage Commission
NCCP	Natural Community Conservation Plan
NCSD	Nipomo Community Services District
NFPA	National Fire Protection Association
NMMA	Nipomo Mesa Management Area
NO	nitric oxide
NO ₂	nitrogen dioxide
NOA	naturally occurring asbestos
NOAA	National Oceanic and Atmospheric Administration
NOP	Notice of Preparation
NOX	nitrogen
NPDES	National Pollutant Discharge Elimination System
	Natural Resources Conservation Service



NRCS

NRHP	National Register of Historic Places
NRP	Nipomo Regional Park
O&M	operations and maintenance
O3	ozone
Oceano	Pismo State Beach and Pismo
OEHHA	Office of Environmental Health Hazard Assessment
OES	Office of Emergency Services
OHMVR	Off-Highway Motor Vehicle Recreation
OHV	off-highway vehicle
OPR	Office of Planning Research
OSHA	Occupational Health and Safety Administration
PFCs	Perfluorinated Chemicals
PG&E	Pacific Gas & Electric Company
PGA	Peak horizontal ground acceleration
Phase II Small MS4 General Permit	Storm Water Discharges from Small Municipal Separate Storm Sewer Systems
PI-SWERL®	Portable In-Situ Wind Erosion Lab
PM	particulate matter
PM10	particles with an aerodynamic diameter between 2.5 and 10 microns in diameter
PM2.5	particles with an aerodynamic diameter smaller than 2.5 microns
PMRP	Particulate Matter Reduction Plan
ppb	parts per billion
ppm	parts per million
PRC	Public Resources Code
PWP	Public Works Plan
ROG	reactive organic gases
RPS	renewable portfolio standard
RTP	Regional Transportation Plan
RWQCB	Regional Water Quality Control Board
SAG	Scientific Advisory Group
SB	Senate Bill
SCAT	South County Area Transit
SCCAB	South Central Coast Air Basin
SCE	Southern California Edison
SF6	Sulfur hexafluoride
SGMA	Sustainable Groundwater Management Act
SHPO	State Historic Preservation Officer
SHRC	State Historical Resource Commission
SLF	Sacred Lands File
SLO	San Luis Obispo
SLOAPCD	San Luis Obispo Air Pollution Control District



SLOCOG	San Luis Obispo Council of Governments
SMARA	Surface Mining and Reclamation Act
SMVMA	Santa Maria Valley Management Area
SNPL	western snowy plover
So Cal Gas	Southern California Gas Company
SO2	sulfur dioxide
SOA	Stipulated Order of Abatement
SOX	sulfates
SQuiRTs	Screening Quick Reference Tables
SR	State Route
SRAs	State Responsibility Areas
SSLOCS District	South San Luis Obispo County Sanitary District
State Parks	California Department of Parks and Recreation
SVP	Society of Vertebrate Paleontology
SVRA	State Vehicular Recreation Area
SWMP	Stormwater Management Plan
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resources Control Board's
TACs	toxic air contaminants
TDS	Total dissolved solids
Title 24	Title 24, Part 6 of the California Code of Regulations
TMDL	Total Maximum Daily Loads
tpd	tons per day
TRT	technical review team
U.S. 101	U.S. Highway 101
U.S. EPA	United States Environmental Protection Agency
UAS	unmanned aerial system
UCMP	University of California, Berkeley Museum of Paleontology
USACE	US Army Corps of Engineers
USFWS	U.S. Fish and Wildlife Service
VMT	vehicle miles traveled
VOCs	volatile organic compounds
Water Board	State Water Resources Control Board
WDRs	Waste Discharge Requirements
WPT	Western Pond Turtle
WST	western spadefoot toad
WUS	Waters of the US
WWTP	Wastewater Treatment Plant
YTT	yak tityu tityu

