

DRAFT

YUCCA VALLEY GENERAL

PLAN UPDATE

ENVIRONMENTAL

IMPACT REPORT

SCH NO. 2012111021

VOLUME I OF II



prepared for:

***TOWN OF YUCCA
VALLEY***

*Contact:
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Deputy Town Manager*

prepared by:

***THE PLANNING
CENTER/DC&E***

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Nicole Vermilion
Associate Principal*

AUGUST 2013

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Abbreviations and Acronyms

AAQS	ambient air quality standards
AB	Assembly Bill
ABAU	adjusted business as usual
ACLUP	airport comprehensive land use plan
ACM	asbestos-containing materials
ADT	average daily traffic
af	acre-feet
afy	acre-feet per year
ALUC	airport land use commission
ALUCP	airport land use compatibility plan
amsl	above mean sea level
AQMP	air quality management plan
AST	aboveground storage tank
ASTM	American Society for Testing and Materials
ATCM	airborne toxic control measures
BAT	best available technology
BAU	business as usual
BCT	best conventional technology
bgs	below ground surface
BLM	Bureau of Land Management
BMP	best management practices
BOR	U.S. Bureau of Reclamation
CAA	Clean Air Act
Cal/EPA	California Environmental Protection Agency
CAL FIRE	California Department of Forestry and Fire Protection
CALGreen	California Green Building Standards Code
Cal/OSHA	California Occupational Safety and Health Administration
CalRecycle	California Department of Resources, Recycling, and Recovery
Caltrans	California Department of Transportation
CARB	California Air Resources Board
CAT	Climate Action Team
CBC	California Building Code
CCAA	California Clean Air Act
CCR	California Code of Regulations

Abbreviations and Acronyms

CCST	California Council on Science and Technology
CDFW	California Department of Fish and Wildlife
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CERT	community emergency response team
CESA	California Endangered Species Act
CFCs	chlorofluorocarbons
CFR	Code of Federal Regulations
CGS	California Geological Survey
CGV	Compass Growth Vision
CH ₄	methane
CHRIS	California Historic Resources Inventory System
CISN	California Integrated Seismic Network
CLSA	California Library Services Act
CMP	congestion management program
CNEL	Community Noise Equivalent Level
CNNDDB	California Natural Diversity Database
CNPS	California Native Plant Society
CO	carbon monoxide
CO ₂	carbon dioxide
CO ₂ e	carbon dioxide equivalent
Corps	United States Army Corps of Engineers
CPUC	California Public Utilities Commission
CRBRWQCB	Colorado River Basin Regional Water Quality Control Board
CRHR	California Register of Historic Resources
CRS	community rating system
CSO	combined sewer overflows
CUP	conditional use permit
CUPA	certified unified program agency
CWA	Clean Water Act
cy	cubic yard
dB	decibel
dba	A-weighted decibel



Abbreviations and Acronyms

DMA	Disaster Mitigation Act
DOF	Department of Finance
DOSD	California Division of Safety of Dams
DOT	Department of Transportation (US)
DPM	diesel particulate matter
DRECP	Desert Renewable Energy Conservation Plan
DTSC	Department of Toxic Substances Control
DWR	Department of Water Resources
EDD	Employment Development Department
EIR	environmental impact report
EOP	emergency operations plan
EPA	Environmental Protection Agency (US)
EPCRA	Emergency Planning and Community Right-to-Know Act
FAA	Federal Aviation Administration
FDPA	Flood Disaster Protection Act
FEMA	Federal Emergency Management Agency
FESA	Federal Endangered Species Act
FHWA	Federal Highway Administration
FIFRA	Federal Insecticide, Fungicide, and Rodenticide Act
FIRM	Flood Insurance Rate Map
FIS	Federal Insurance Studies
FTA	Federal Transit Administration
GHG	greenhouse gases
gpcd	gallons per capita per day
GWMP	groundwater management plan
GWP	global warming potential
HAP	hazardous air pollutant
HCD	Housing and Community Development Department
HCFCs	hydrochlorofluorocarbons
HCM	Highway Capacity Manual
HCP	habitat conservation plan
HDWD	Hi-Desert Water District
HFCs	hydrofluorocarbons
HMD	Hazardous Materials Division

Abbreviations and Acronyms

HMP	hazard mitigation plan
HRA	health risk assessment
HVAC	heating, ventilating, and air conditioning system
HWMP	hazardous waste management plan
IBC	International Building Code
ICC	International Code Council
IPCC	Intergovernmental Panel on Climate Change
IWMP	integrated waste management plan
JBWD	Joshua Basin Water District
L_{dn}	day-night noise level
LED	light-emitting diodes
LEPC	local emergency planning committee
L_{eq}	equivalent continuous noise level
LCFS	low carbon fuel standard
LGOP	local government operations protocol
LID	low impact development
LOS	level of service
LST	localized significance thresholds
LUFT	leaking underground fuel tank
LUST	leaking underground storage tank
MBP	Morongo Basin Pipeline
MBTA	Migratory Bird Treaty Act (biological resources)
MBTA	Morongo Basin Transit Authority (traffic)
MCAGCC	Marine Corps Air Ground Combat Center
MCL	maximum contaminant level
MDAB	Mojave Desert Air Basin
MDAQMD	Mojave Desert Air Quality Management District
MEP	maximum extent practical
mgd	million gallons per day
Mmax	maximum magnitude earthquake
MMI	Modified Mercalli Intensity
MMT	million metric tons
mph	miles per hour
MPD	master plan of drainage



Abbreviations and Acronyms

MPO	metropolitan planning organization
MRF	materials recovery facility
MSDS	material safety data sheets
MS4	municipal separate storm sewer systems
MSW	municipal solid waste
MT	metric ton
MTBE	methyl tert-butyl ether
MUSD	Morongo Unified School District
M _w or M	seismic moment magnitude
MWA	Mojave Water Agency
NAHC	Native American Heritage Commission
NCCP	natural community conservation plan
NFIP	National Flood Insurance Program
NHD	National Hydrography Dataset
NHPA	National Historic Preservation Act
NMTP	Non-Motorized Transportation Plan
NOP	notice of preparation
NO	nitrogen oxide
NO ₂	nitrogen dioxide
NO _x	nitrogen oxides
N ₂ O	nitrous oxide
NPDES	National Pollution Discharge Elimination System
NPDWR	National Primary Drinking Water Regulations
NPL	National Priorities List
NRHP	National Register of Historic Places
O ₃	ozone
OES	Office of Emergency Services
OEHHA	Office of Environmental Health Hazard Assessment
OHP	Office of Historic Preservation (California)
OHWM	ordinary high water mark
OSHA	Occupational Safety and Health Administration
OSFM	Office of the State Fire Marshall
OSRA	open space resource area
Pb	lead

Abbreviations and Acronyms

PCE	perchloroethylene
PFCs	perfluorocarbons
PHGA	peak horizontal ground acceleration
PM	particulate matter
PM ₁₀	coarse inhalable particulate matter
PM _{2.5}	fine inhalable particulate matter
POTW	publicly owned treatment works
ppb	parts per billion
ppm	parts per million
PPV	peak particle velocity
PSAP	public safety answering point
PSHA	probabilistic seismic hazard analysis
PV	photovoltaic
RCRA	Resource Conservation and Recovery Act
RHNA	Regional Housing Needs Assessment
RPS	renewable portfolio standard
RTP	regional transportation plan
RWQCB	Regional Water Quality Control Board
SAA	streambed alteration agreement
SANBAG	San Bernardino Association of Governments
SARA	Superfund Amendments and Reauthorization Act
SB	Senate Bill
SBCFCD	San Bernardino County Flood Control District
SBCFD	San Bernardino County Fire Department
SBCSD	San Bernardino County Sheriff's Department
SBIC	San Bernardino Information Center
SBTAM	San Bernardino Transportation Analysis Model
SCAG	Southern California Association of Governments
SCD	Statewide Compliance Division
SCE	Southern California Edison
SCS	sustainable communities strategy
SDWA	Safe Drinking Water Act
SERC	State Emergency Response Commission
SF ₆	sulfur hexafluoride



Abbreviations and Acronyms

SFHA	special flood hazard areas
SHMA	Seismic Hazards Mapping Act
SIE	separate implementing entities
SIP	state implementation plan
SLM	sound level meter
SO ₂	sulfur dioxide
SO ₄	sulfate
SO _x	sulfur oxides
SPCC	spill prevention, control, and countermeasure
SPL	sound pressure level
SoCalGas	Southern California Gas Company
SQMP	stormwater quality management plan
SRA	source receptor area
SUSMP	standard urban stormwater mitigation plan
SVOC	semivolatile organic compound
SWMD	Solid Waste Management Division (county)
SWP	State Water Project
SWPPP	Stormwater Pollution Prevention Plan
SWRCB	State Water Resources Control Board
T-BACT	best available control technologies for toxics
TAC	toxic air contaminant
TAZ	traffic analysis zone
TCE	trichloroethylene
TDS	total dissolved solids
TMDL	total maximum daily load
TNM	transportation noise model
tpd	tons per day
TTCP	Traditional Tribal Cultural Places
URM	unreinforced masonry
USFS	United States Forest Service
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
UST	underground storage tank
UWMP	urban water management plan

Abbreviations and Acronyms

V/C	volume-to-capacity ratio
VdB	velocity decibels
VHFHSZ	very high fire hazard severity zone
VMT	vehicle miles traveled
VOC	volatile organic compound
WCEA	wildlife corridor evaluation area
WCI	Western Climate Initiative
WECC	Western Electricity Coordinating Council
WIP	Well Investigation Program
WMP	West Mojave Plan (HCP)
WQMP	water quality management plan
WSA	water supply assessment



Abbreviations and Acronyms

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