

LIST OF ABBREVIATIONS

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1994 Basin Plan	<i>1994 Water Quality Control Plan for the Lahontan Region</i>
@	at
AB	Assembly Bill
AC	Advisory Circular
ACM	asbestos-containing materials
Act	County Sanitation District Act of 1923
af	acre-feet
afy	acre-feet per year
AGR	agricultural water supply - Beneficial Use designation in the 1994 Basin Plan
Alquist-Priolo Act	1972 Alquist-Priolo Earthquake Fault Zoning Act
alum	aluminum sulfate
amsl	above mean sea level
AOA	Air Operations Area
AQMP	Air Quality Management Plan
AR	Airfield and Related Use
ARB	Air Resources Board
Areawide Plan	<i>Antelope Valley Areawide Plan</i>
AVAQMD	Antelope Valley Air Quality Management District
AVEK	Antelope Valley-East Kern Water Agency
avg	average
AVWG	Antelope Valley Water Group
AVWRS	<i>The Antelope Valley Water Resources Study</i>
AWWA	American Water Works Association
BACT	Best Available Control Technology
BACM	Best Available Control Measures
bgs	below ground surface
BLM	Bureau of Land Management
BMPs	Best Management Practices

List of Abbreviations

BOD	biological oxygen demand
BU	Beneficial Use
Business Plan Act	California Hazardous Materials Release Response Plan and Inventory Law of 1985
°C	degrees Centigrade
CAA	Clean Air Act
Cal-EPA	California Environmental Protection Agency
Cal-ESA	California Endangered Species Act
Cal OSHA	California Occupational Safety and Health Administration
Caltrans	California Department of Transportation
CAO	Cleanup and Abatement Order No. R6V-2003-056
CAP	Corrective Action Plan
CARB	California Air Resources Board
CAS	conventional activated sludge
CCAA	California Clean Air Act
CCR	California Code of Regulations
CDO	Cease and Desist Order No. R6V-2004-039
CDWS	California Drinking Water Standards
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
cf/day	cubic feet per day
cfm	cubic feet per minute
CFR	Code of Federal Regulations
CGS	California Geological Survey
CHP	California Highway Patrol
CHSC	California Health and Safety Code
CMP	Congestion Management Plan
CNDDDB	California Natural Diversity Database

CNEL	Community Noise Equivalent Level
CNPS	California Native Plant Society
CO	carbon monoxide
COD	chemical oxygen demand
Corps	United States Army Corps of Engineers
County	Los Angeles County
County DHS	Los Angeles County Department of Health Services
CPRC	California Public Resources Code
CRHR	California Register of Historical Resources
CRP	Contamination and Remediation Plan
CTR	California Toxics Rule
CUP	Conditional Use Permit
CWA	Clean Water Act
CWC	California Water Code
DAF	dissolved air flotation
dB	decibel
dBA	A-weighted decibels; a unit of measure used with a frequency weighting method designated to simulate the response of the human ear to various frequencies of sound
DDT	dichloro-diphenyl-trichloroethane
DFG	California Department of Fish and Game
DHS	California Department of Health Services
District No. 14	County Sanitation District No. 14 of Los Angeles County
District No. 20	County Sanitation District No. 20 of Los Angeles County
Districts	County Sanitation Districts of Los Angeles County
DOF	California Department of Finance
DOT	United States Department of Transportation
DPW	Los Angeles County Department of Public Works
DRP	Los Angeles County Department of Regional Planning
du/ac	dwelling units per acre

List of Abbreviations

DWMA	desert wildlife management area
DWR	California Department of Water Resources
EA/EIR	joint Environmental Assessment and Environmental Impact Report
EAFB	Edwards Air Force Base
EC	electrical conductivity
EDP	Effluent Disposal Plan
EIR	Environmental Impact Report
EIS	Environmental Impact Statement
EMS	effluent management site
EPA	United States Environmental Protection Agency
ESA	Environmental Science Associates
ET	evapotranspiration
ET _c	actual evapotranspiration
ET _o	reference evapotranspiration
°F	degrees Fahrenheit
FCAA	Federal Clean Air Act
FEMA	Federal Emergency Management Agency
FESA	Federal Endangered Species Act
FMA	Floodplain Management Areas
FMP	Farm Management Plan
FRSH	freshwater replenishment - Beneficial Use designation in the 1994 Basin Plan
gal	gallons
gpcd	gallons per capita per day
gpd	gallons per day
gpd/sf	gallons per day per square foot
gph	gallons per hour
gpm	gallons per minute
gpm/sf	gallons per minute per square foot
GRRP	Groundwater Recharge Reuse Project
HAPs	hazardous air pollutants

HCMP	Habitat Compensation and Management Plan
HCP	Habitat Conservation Plan
HSWA	Hazardous and Solid Waste Amendments of 1984
HWCA	Hazardous Waste Control Act
I-5	Golden State Freeway
IE	irrigation efficiency
I/I	infiltration and inflow
IND	industrial service supply - Beneficial Use designation in the 1994 Basin Plan
ISWP	Inland Surface Waters Plan
IW	industrial waste
JAA	Joint Administration Agreement
JUA	Joint Use Agreement
kwh/day	kilowatt hours per day
LACTC	Los Angeles County Transportation Commission
LADOA	City of Los Angeles Department of Airports
LAER	Lowest Achievable Emission Rate
LAFCO	Local Agency Formation Commission
LAWA	Los Angeles World Airports
LAX	Los Angeles International Airport
LBP	lead-based paint
lbs	pounds
lbs BOD/ac-d	pounds of biochemical oxygen demand per acre per day
lbs/sf-yr	pounds per square foot per year
LCID	Little Rock Creek Irrigation District
L_{eq}	energy equivalent noise level (or average noise level), is the equivalent steady-state continuous noise level which, in a stated period of time, contains the same acoustic energy as the time-varying sound level that actually occurs during the same period
L_{max}	instantaneous maximum noise level
LOS	Level of Service

List of Abbreviations

LWRP 2020 Plan and EIR	<i>Lancaster Water Reclamation Plant 2020 Facilities Plan and Environmental Impact Report</i>
MACT	Maximum Achievable Control Technology
MBAS	methylene blue active substances
MBR	membrane bioreactor
MBTA	Migratory Bird Treaty Act
MCL	maximum contaminant level
MDAB	Mojave Desert Air Basin
MF	microfiltration
MF/RO	microfiltration followed by reverse osmosis
MG	million gallons
mg	milligram
mg/kg	milligrams per kilogram
mg/L	milligrams per liter (or part per million)
mgd	million gallons per day
MICR	maximum individual cancer risk
mL	milliliter
mmhos/cm	millimhos per centimeter
MMI	Modified Mercalli Intensity
MPN	most probable number
mph	miles per hour
MRE	Mineral Resource Extraction
MRP	Monitoring and Reporting Plan
MRZ	Mineral Resource Zone
MUN	municipal and domestic water supply - Beneficial Use designation in the 1994 Basin Plan
N/A	not applicable
NAAQS	National Ambient Air Quality Standards
NAHC	Native American Heritage Commission
NaOCl	sodium hypochlorite

ND	Negative Declaration
NDN	nitrification-denitrification
NEPA	National Environmental Policy Act
NF	nanofiltration
NHPA	National Historic Preservation Act
NOP	Notice of Preparation
NO _x	nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
NRCS	United States Department of Agriculture Natural Resources Conservation Service
NRHP	National Register of Historic Places
NRMP	Natural Resources Management Plan
NTR	National Toxics Rule
NU	Non-Urban
O ₃	ozone
O&M	operation and maintenance
OCR	Office of Civil Rights
OES	California Office of Emergency Services
OSHA	Federal Occupational Safety and Health Administration
PCA	Porter-Cologne Water Quality Control Act of 1969
PCBs	polychlorinated biphenyls
PCGR	per capita generation rate
pH	negative logarithm of the hydrogen ion concentration (-log [H ⁺])
PIA	Palmdale International Airport
PM ₁₀	particulate matter less than 10 microns in diameter
PM _{2.5}	particulate matter less than 2.5 microns in diameter
PMD	Palmdale Regional Airport
POP	population
POTWs	Publicly-Owned Treatment Works
ppd	pounds per day
ppm	parts per million

List of Abbreviations

PWD	Palmdale Water District
PWRP	Palmdale Water Reclamation Plant
PWRP 2025 Plan and EIR	<i>Palmdale Water Reclamation Plant 2025 Facilities Plan and Environmental Impact Report</i>
RCRA	Resource Conservation and Recovery Act
RMP	Risk Management Plan
RO	reverse osmosis
RWQCB	Regional Water Quality Control Board
RWQCB-LR	Regional Water Quality Control Board, Lahontan Region
SAA	Streambed Alteration Agreement
SAAQS	State Ambient Air Quality Standards
SBR	sequencing batch reactor
SCAB	South Coast Air Basin
SCAG	Southern California Association of Governments
SCAG 2004	<i>Southern California Association of Governments 2004 Regional Transportation Plan</i>
SCAQMD	South Coast Air Quality Management District
scfm	standard cubic feet per minute
SDWA	Safe Drinking Water Act
SEA	Significant Ecological Area
SEACUP	Significant Ecological Area Conditional Use Permit
SEATAC	Significant Ecological Area Technical Advisory Committee
SEDAB	Southeast Desert Air Basin
SHPO	California State Historic Preservation Office
SIP	<i>The Policy for Implementation of Toxics Standards for Inland Surface Waters, Enclosed Bays, and Estuaries of California, also known as the State Implementation Policy</i>
SMARA	Surface Mining and Reclamation Act
SO ₂	sulfur dioxide
SOI	sphere of influence
SO _x	sulfur oxides

SR-14	Antelope Valley Freeway
SR-138	Pearblossom Highway
SRF	State Revolving Fund
SWP	State Water Project
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	California State Water Resources Control Board
T-BACT	Best Available Control Technology for Toxics
TDS	total dissolved solids
THMs	trihalomethanes
TICH	total identifiable chlorinated hydrocarbons
Title 22	Title 22 of the California Code of Regulations
tpa	tons per acre
tpd	tons per day
tpy	tons per year
TSDFs	treatment, storage, and disposal facilities
UF	ultrafiltration
U.S.	United States
USAF Plant 42	United States Air Force Base Flight Production Center
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
UV	ultraviolet
UWMP	Urban Water Management Plan
v/c	volume-to-capacity ratio
VOCs	Volatile Organic Compounds
VVWRA	Victor Valley Wastewater Reclamation Authority
<i>waters of the U.S.</i>	<i>waters of the United States</i>
WDRs	Waste Discharge Requirements
w/NDN	with nitrification-denitrification
WMP	West Mojave Plan
WRP	water reclamation plant

List of Abbreviations

WRRs	Water Reclamation Requirements
µg/L	micrograms per liter (or part per billion)
µg/m ³	micrograms per cubic meter