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# ACRONYMS

1980 Plan	Upper Santa Clara River Basin Facilities Plan
2015 Plan	2015 Santa Clarita Valley Joint Sewerage Systems Facilities Plan
AADT	Annual Average Daily Traffic
AB	Assembly Bill
AC	Asphalt Concrete
ACP	Alternative Compliance Program
Act	County Sanitation District Act of 1923
A.D.	Anno Domini
Addendum	Addendum to the Final 1980 EIR and Facilities Plan
ADI	Area of Direct Impact
af	Acre-Feet
afy	Acre-Feet per Year
Ag Study	Agricultural Chloride Threshold Study
AGR	Agricultural Water Supply – Beneficial Use Designation in the Basin Plan
AM	Ante Meridiem
AMEC	AMEC Geomatrix, Inc.
amsl	Above Mean Sea Level
AOR	Area of Review
AQMP	Air Quality Management Plan
AQUA	Aquaculture
Aqueduct	Los Angeles Aqueduct
ARB	Air Resources Board
Area Plan	Santa Clarita Valley Area Plan
ASCE	American Society of Civil Engineers
ATCM	Air Toxics Control Measure
ATCS	Adaptive Traffic Control System

AWRM	Alternative Water Resources Management
AWS	Automatic Water Softeners
AWT	Advanced Wastewater Treatment
AWWA	American Water Works Association
BACT	Best Available Control Technology
Basin Plan	Water Quality Control Plan – Los Angeles Region: Basin Plan for the Coastal Watersheds of Los Angeles and Ventura Counties
BAU	Business as Usual
bgs	Below Ground Surface
bhp	Brake Horsepower
BLM	Bureau of Land Management
BMP	Best Management Practice
B.P.	Before Present
BV-R	Buena Vista-Rosedale
ca.	Circa
BU	Beneficial Use
CAA	Federal Clean Air Act
CAAA	Federal Clean Air Act Amendments
CAAQS	California Ambient Air Quality Standards
CAB	Crushed Aggregate Base
CalEEMod	California Emissions Estimator Model
CalEPA	California Environmental Protection Agency
Cal-ESA	California Endangered Species Act
Cal-OSHA	California Occupational Safety and Health Administration
Caltrans	California Department of Transportation
CARB	California Air Resources Board
CBC	California Building Code
CCAA	California Clean Air Act
CCAR	California Climate Action Registry
CCAT	California Climate Action Team
CCR	California Code of Regulations
CCTV	Closed Circuit Television
CDC	California Department of Conservation
CDFG	California Department of Fish and Game

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CDFW	California Department of Fish and Wildlife
CDPH	California Department of Public Health
CEC	Constituents of Emerging Concern
CEQA	California Environmental Quality Act
CESA	California Endangered Species Act
CFC	Chlorofluorocarbon
CFR	Code of Federal Regulations
cfs	Cubic Feet per Second
CGS	California Geologic Survey
CH <sub>4</sub>	Methane
CHL	California Historic Landmark
Chloride TMDL	Upper Santa Clara River Chloride Total Maximum Daily Load
CHP	California Highway Patrol
CHSC	California Health and Safety Code
City	City of Santa Clarita
ClO <sub>2</sub>	Chlorine Dioxide
CLWA	Castaic Lake Water Agency
CMA	Critical Movement Analysis
CMP	Congestion Management Plan
CMWD	Calleguas Municipal Water District
CNDDB	California Natural Diversity Database
CNEL	Community Noise Equivalent Level
CNG	Compressed Natural Gas
CNPS	California Native Plant Society
CNRA	California Natural Resources Agency
CNTC	Construction Noise Threshold Criteria
CO	Carbon Monoxide
CO <sub>2</sub>	Carbon Dioxide
CO <sub>2</sub> e	Carbon Dioxide Equivalent
COD	Chemical Oxygen Demand
COLD	Cold Freshwater Habitat – Beneficial Use Designation in the Basin Plan
COMM	Commercial, and Sport Fishing – Beneficial Use Designation in the Basin Plan
CO (PD)	Commercial Office (Planned Development)

Corps	U.S. Army Corps of Engineers
County DPH	Los Angeles County Department of Public Health
CPRC	California Public Resources Code
CRHR	California Register of Historical Places
CSMD	Consolidated Sewer Maintenance District
CTR	California Toxics Rule
CUP	Conditional Use Permit
CWA	Clean Water Act
CWC	California Water Code
cy	Cubic Yards
CY	Calendar Year
D	Distance
DAF	Dissolved Air Flotation
dB	Decibel
dBA	A-Weighted Decibels
DCPPP	Drainage Control and Pollution Prevention Plan
DDT	Dichlorodiphenyltrichloroethane
Delta	Sacramento-San Joaquin River Delta
DNL	24-Hour Day and Night A-Weighted Noise Exposure Level
DOF	California State Department of Finance
DOGGR	California Division of Oil, Gas and Geothermal Recovery
DOORS	Diesel Off-Road Online Reporting System
DPR	California Department of Parks and Recreation
DPW	Department of Public Works
DRP	Los Angeles County Department of Regional Planning
dtpd	Dry Tons per Day
DWI	Deep Well Injection
DWR	Department of Water Resources
EAC	Equivalent Annual Cost
East Subbasin	Santa Clarita River Valley East Subbasin
EDR	Electrodialysis Reversal
EIR	Environmental Impact Report
EO	Executive Order

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EPA	United States Environmental Protection Agency
EQ	Exceptional Quality
ESA	Environmental Science Associates
EST	Estuarine Habitat – Beneficial Use Designation in the Basin Plan
°F	Degrees Fahrenheit
Facilities Plan	SCVSD Chloride Compliance Facilities Plan
FCAA	Federal Clean Air Act
FEMA	Federal Emergency Management Agency
FESA	Federal Endangered Species Act
FIRM	Flood Insurance Rate Maps
FRSH	Freshwater Replenishment – Beneficial Use Designation in the Basin Plan
FTA	Federal Transit Administration
FY	Fiscal Year
g	Gravity
General Construction Permit	General Permit for Discharges of Storm Water Runoff Associated with Construction Activity
General Permit	General Permit for Discharges of Storm Water Associated with Construction Activity
General Plan	County of Los Angeles General Plan
GHG	Greenhouse Gas
GIS	Geographic Information System
Gov. Misc.	Government, Miscellaneous – Land Use Designation
gpcd	Gallons per Capita per Day
gpd/ft	Gallons per Day per Foot
GSWIM	Groundwater Surface Water Interaction Model
GSWI TWG	Groundwater-Surface Water Interaction Technical Working Group
GVWR	Gross Vehicle Weight Rating
GWh	Gigawatt-Hour
GWR	Groundwater Recharge – Beneficial Use Designation in the Basin Plan
HABS	Historic American Buildings Survey
Handbook	Air Quality and Land Use Handbook: A Community Health Perspective

HAP	Hazardous Air Pollutant
HCM	Highway Capacity Method
HCP	Habitat Conservation Plan
HERO	High-Efficiency Reverse Osmosis
HFC	Hydrofluorocarbon
HI	Hazard Index
Hot Spots Act	Air Toxics Hot Spots Information and Assessment Act
HP	Horsepower
Hz	Hertz
I	Industrial, Utility, Pump Plant/State Property – Land Use Designation
I	Interstate
IBC	International Building Code
ICU	Intersection Capacity Utilization
I/I	Infiltration and inflow
IND	Industrial Service Supply – Beneficial Use Designation in the Basin Plan
Indicator Bacteria TMDL	Santa Clara River Estuary and Reaches 3, 5, 6, and 7 Indicator Bacteria TMDL
IO	Industrial Office – Land Use Designation
ISWP	Inland Surface Waters Plan
IW	Industrial Waste
JAA	Joint Administration Agreement
JOS	Joint Outfall System
JPA	Joint Powers Authority
JWPCP	Joint Water Pollution Control Plant
Kh	Horizontal Conductivity
KVP	Key Vantage Point
L&S	Luhdorff and Scalmanini
L <sub>0</sub>	Not to Be Exceeded Sound Level
L <sub>50</sub>	Median Sound Level
L <sub>90</sub>	Background Sound Level
LAB	Los Angeles Basin
LACM	Los Angeles County Museum
LADOT	Los Angeles Department of Transportation
LADWP	Los Angeles Department of Water and Power

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LAFCO	Local Agency Formation Commission
LAMC	Los Angeles Municipal Code
LAR	Los Angeles River
LAT	Los Angeles Times
lbs/day	Pounds per Day
LCFS	Low Carbon Fuel Standard
LCS	Laboratory Control Standard
LFM	Laboratory Fortified Sample Matrix
LFMD	Laboratory Fortified Sample Matrix Duplicate
$L_{eq}$	Equivalent Sound Level
LNG	Liquefied Natural Gas
LOS	Level of Service
$L_{max}$	Instantaneous Maximum Noise Level
LST	Localized Significance Threshold
$L_v$	Vibration Level
M	Magnitude (Richter)
M	Municipal
MM	Modified Mercalli
Mw	Moment Magnitude Scale
M&I	Municipal and Industrial
M/yr	Million per Year
MACT	Maximum Achievable Control Technology
MAR	Marine Habitat – Beneficial Use Designation in the Basin Plan
Master Plan	Draft Recycled Water Master Plan
MBR	Membrane Bioreactor
MBTA	Federal Migratory Bird Treaty Act
MCV	Manual of California Vegetation
MF	Microfiltration
MF/RO	Microfiltration and Reverse Osmosis
mgd	Million Gallons per Day
mg/L	Milligrams per Liter (or Parts per Million)
MICR	Maximum Individual Cancer Risk
MIGR	Migration of Aquatic Organisms – Beneficial Use Designation in the Basin Plan

mL	Milliliter
MMT	Million Metric Ton
MTCO <sub>2</sub> e	Metric Tons of Carbon Dioxide Equivalent
mph	Miles per Hour
MPN	Most Probable Number
MSF	Multi-Stage Flash
MT	Metric Ton
MT/yr	Metric Ton per Year
MTA	Metropolitan Transportation Authority
MUN	Municipal and Domestic Water Supply – Beneficial Use Designation in the Basin Plan
N	Nutrients
NA	Not Available
N/A	Not Applicable
N <sub>2</sub> O	Nitrous Oxide
NAAQS	National Ambient Air Quality Standards
NAHC	Native American Heritage Commission
National Register	National Register of Historic Places
NAV	Navigation – Beneficial Use Designation in the Basin Plan
NCCP	Natural Communities Conservation Plan Act
NDN	Nitrification-Denitrification
NEPA	National Environmental Policy Act
NESHAP	National Emissions Standards for Hazardous Air Pollutants
NF	Nanofiltration
NH <sub>3</sub>	Ammonia
NHL	National Historic Landmark
NHPA	National Historic Preservation Act
NHTSA	National Highway Traffic Safety Administration
Nitrogen Compounds TMDL	Santa Clara River Nitrogen Compounds TMDL
NLFC	Newhall Land and Farming Company
NMFS	National Marine Fisheries Service
NO	Nitric Oxide
NO <sub>2</sub>	Nitrogen Dioxide or Nitrite
NOI	Notice of Intent



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NOP	Notice of Preparation
NO <sub>x</sub>	Nitrogen Oxides
NPDES	National Pollutant Discharge Elimination System
NRA	California Natural Resources Agency
NRCP	Non-reinforced Concrete Pipe
NRHP	National Register of Historic Places
NRWRP	Newhall Ranch Water Reclamation Plant
NSPS	New Source Performance Standards
NSR	New Source Review
NTR	National Toxics Rule
NTU	Nephelometric Turbidity Units
NWP	Nationwide Permits
O <sub>2</sub>	Oxygen
O <sub>3</sub>	Ozone
O&M	Operations and Maintenance
OA	Open Area – Land Use Designation
OAL	Office of Administrative Law
ODC	Ozone Depleting Compound
OHP	California Office of Historic Preservation
OPR	California Office of Planning and Research
OS-PR	Open Space Parks and Recreation
OSHA	Occupational Safety and Health Administration
p.	Page
P	Public and Community Serving – Land Use Designation
Part 503	Code of Federal Regulations Section 40 Part 503
PCA	Porter-Cologne Water Quality Control Act of 1969
PCB	Polychlorinated Biphenyl
PCE	Passenger-Car Equivalent
PCGR	Per Capita Generation Rate
PERP	Portable Equipment Registration Program
PFC	Perfluorocarbon
PGA	Peak Ground Acceleration
pH	Negative logarithm of the hydrogen ion concentration (-log[H <sup>+</sup> ])
PM	Particulate Matter

PM	Post Meridiem
PM <sub>10</sub>	Particulate Matter Less Than or Equal to 10 Microns in Diameter
PM <sub>2.5</sub>	Particulate Matter Less Than or Equal to 2.5 Microns in Diameter
POTWs	Publicly Owned Treatment Works
POW	Hydropower Generation – Beneficial Use in the Basin Plan
pp.	Pages
ppcd	Pounds per Capita per Day
ppm	Parts per Million
PPV	Peak Particle Velocity
PRC	California Public Resources Code
PRO	Industrial Process Supply – Beneficial Use Designation in the Basin Plan
PVC	Polyvinyl Chloride
RA	Receptor Areas
RARE	Preservation of Rare and Endangered Species – Beneficial Use Designation in the Basin Plan
RCP	Reinforced Concrete Pipe
REC1	Water Contact Recreation – Beneficial Use Designation in the Basin Plan
REC2	Non-contact Water Recreation – Beneficial Use Designation in the Basin Plan
RMDP	Resource Management and Development Plan
RMS	Root Mean Square
RO	Reverse Osmosis
ROC	Reactive Organic Compounds
ROG	Reactive Organic Gases
ROW	Right(s)-of-Way
RPG	California Registered Professional Geologist
RTP	Regional Transportation Plan
RWC	Recycled Water Contribution
RWQCB	Regional Water Quality Control Board
RWQCB-LA	Regional Water Quality Control Board – Los Angeles Region
SAA	Streambed Alteration Agreement

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SAL	Inland Saline Water Habitat – Beneficial use Designation used in the Basin Plan
Sanitation Districts	Sanitation Districts of Los Angeles County
Sanitation Districts Nos. 26 and 32	Sanitation Districts Nos. 26 and 32 of Los Angeles County
SB	Senate Bill
SCAB	South Coast Air Basin
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCCAB	South Central Coast Air Basin
SCCIC	South Central Coastal Information Center
SCE	Southern California Edison
SCEC	Southern California Earthquake Center
SCR	Santa Clara River
SCRV	Santa Clara River Valley
SCRVGB	Santa Clara River Valley Groundwater Basin
SCT	City of Santa Clarita Transit
SCV	Santa Clarita Valley
SCVJSS	Santa Clarita Valley Joint Sewerage System
SCVSD	Santa Clarita Valley Sanitation District
SDC	Seismic Design Category
SDWA	Safe Drinking Water Act
SEA	Significant Ecological Area
SEATAC	Significant Ecological Area Technical Advisory Committee
Settle Agreement	Settlement Agreement and Stipulation Concerning Chlorides in the Upper Santa Clara River
SF <sub>6</sub>	Sulfur Hexafluoride
SFV	San Fernando Valley
SFVGB	San Fernando Valley Groundwater Basin
SHPO	California State Historic Preservation Office
SIP	State Implementation Plan
SLC	State Lands Commission
SLF	Sacred Lands File
SMP	Salinity Management Pipeline
SO <sub>2</sub>	Sulfur Dioxide

SO <sub>3</sub>	Sulfur Trioxide
SO <sub>4</sub>	Sulfates
SOI	Sphere of Influence
SO <sub>x</sub>	Sulfur Oxides
SPWN	Spawning, Reproduction, and/or Early Development – Beneficial Use Designation in the Basin Plan
SR	State Route
SRA	Source Receptor Area
SRF	State Revolving Fund
SS	Suspended Solids
SSMP	Sewer System Management Plan
SSOs	Site Specific Objectives
SSO and ADA Study	Site Specific Objective and Anti-Degradation Analysis Study
State Parks	California Department of Parks and Recreation
SVP	Society of Vertebrate Paleontology
SWP	State Water Project
SWPPP	Stormwater Pollution Prevention Plan
SWRCB	State Water Resources Control Board
SWRP	Saugus Water Reclamation Plant
T&Es Study	Threatened and Endangered Species Chloride Threshold Study
TAC	Toxic Air Contaminant
T-BACT	Best Available Control Technology for Toxics
TDS	Total Dissolved Solids
Technical Study	Reduced Discharge Technical Study
TICH	Total Identifiable Chlorinated Hydrocarbons
Title 22	Title 22 of the California Code of Regulations
TMDL	Total Maximum Daily Load
tpy	Tons per Year
TSO	Time Schedule Order
TU <sub>c</sub>	Toxicity Unit
UF	Ultrafiltration
UIC	Underground Injection Control
ULSD	Ultra Low Sulfur Diesel
United Water	United Water Conservation District

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UPRR	Union Pacific Railroad
U.S.	United States
USC	United States Code
USCR	Upper Santa Clara River
USDOE	United States Department of Energy
USDOT	United States Department of Transportation
USDW	Underground Source of Drinking Water
USFWS	United States Fish and Wildlife Services
USGS	United States Geological Survey
UV	Ultraviolet
UWMP	Urban Water Management Plan
V/C	Volume to Capacity Ratio
VCAPCD	Ventura County Air Pollution Control District
VCAWQC	Ventura County Agricultural Water Quality Coalition
VCP	Vitrified Clay Pipe
VCTC	Ventura County Transportation Commission
Vdb	Decibel Notation
VDECS	Verified Diesel Emission Control Strategies
VMT	Vehicle Miles Travelled
VOC	Volatile Organic Compound
VWRP	Valencia Water Reclamation Plant
WARM	Warm Freshwater Habitat – Beneficial Use Designation in the Basin Plan
WAS	Waste Activated Sludge
waters of the U.S.	Waters of the United States
WDRs	Waste Discharge Requirements
West Basin	West Basin Municipal Water District
WET	Wetland Habitat – Beneficial Use Designation in the Basin Plan
WILD	Wildlife Habitat – Beneficial Use Designation in the Basin Plan
WLA	Waste Load Allocation
WNWRP	Whittier Narrows Water Reclamation Plant
WQO	Water Quality Objectives
WRP	Water Reclamation Plant
WRRs	Water Reclamation Requirements

WY	Water Year
y.b.	Year Built
ZLD	Zero Liquid Discharge
µg/L	Micrograms per Liter
µg/m <sup>3</sup>	Micrograms per Cubic Meter
§	Section
§§	Sections