DRAFT ENVIRONMENTAL IMPACT REPORT RELATED BRISTOL SPECIFIC PLAN PROJECT SANTA ANA, CALIFORNIA

STATE CLEARINGHOUSE NO. 2020029087

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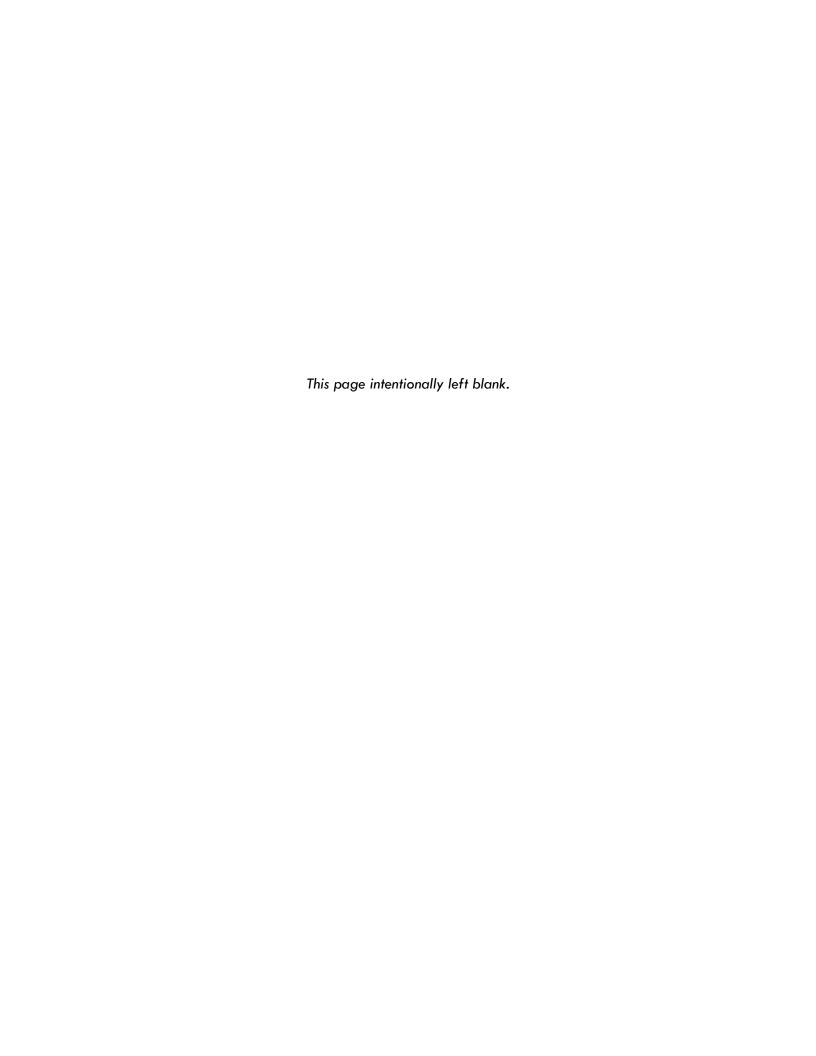


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	STORM DRAIN MASTER PLAN DRAINAGE ASSESSMENT

ACRONYMS AND ABBREVIATIONS

AB Assembly Bill

ac acre

ACMs asbestos-containing materials
AELUP Airport Environs Land Use Plan

AF acre-feet

AFY acre-feet per year

ALUC Airport Land Use Commission
A-P Act Alquist-Priolo Earthquake Fault Act

APN Assessor Parcel Numbers

ARMR Archaeological Resource Management Reports

BACT best available control technology

BasinSouth Coast Air Basinbgsbelow ground surfaceBMPBest Management PracticeBPPBasin Production Percentage

C-2 General Commercial
C4 Shopping Center
CAA Clean Air Act of 1970
CAAA CAA Amendments of 1990

CAAQS California Ambient Air Quality Standards

CAFE Corporate Average Fuel Economy

Cal/OSHA California Occupational Safety and Health Administration
CalARP California Accidental Release Prevention Program
CalEMA California Emergency Management Agency
CalEPA California Environmental Protection Agency

CALGreen California Energy Code

CalRecycle California Department of Resources Recycling and Recovery

CalTrans California Department of Transportation

CAP Climate Action Plan of 2013

CAPCOA California Air Pollution Control Officers Association

CARB California Air Resources Board
CBC California Building Code

CC&Rs Codes Covenants and Restrictions

CCAA California Clean Air Act

CCR California Code of Regulations

CDBG Community Development Block Grants
CDE California Department of Education
CEC California Energy Commission
CFR Code of Federal Regulations

CH₄ methane

CHHSLs California Human Health Screening Levels
CHRIS California Historical Resources Inventory System

CNEL community noise equivalent level

CO carbon monoxide CO₂ carbon dioxide

CO₂e carbon dioxide equivalent

CPTED Crime Prevention through Environmental Design

CPUC California Public Utilities Commission

CR Commercial Residential

CREQA California Environmental Quality Act
CRHR California Register of Historical Resources

CTP clean truck program

CUPA Certified Unified Program Agency

cy cubic yards

DAMP Orange County Drainage Area Management Plan

dB decibel

dBA A-weighted decibels DC-5 District Center-High

DHS California Department of Health Services
DOC California Department of Conservation
DOF California Department of Finance

DPM diesel particulate matter

DPR Department of Parks and Recreation
DTSC Department of Toxic Substances Control

DTSC SLs Department of Substances Control Screening Levels

du dwelling unit

EIR Environmental Impact Report
ESLs Environmental Screening Levels

EV electric vehicle

FAA Federal Aviation Administration

FAR Floor Area Ratio

FEMA Federal Emergency Management Agency

FFVs flexible fuel vehicles

FHWA Federal Highway Administration
FIRM Flood Insurance Rate Maps
FTA Federal Transit Administration

GAP Green Acres Project
GHG greenhouse gas

GPCD gallons per capita per day

gpd gallons per day gpm gallons per minute

GPU FEIR City of Santa Ana General Plan Update Final Environmental Impact Report

gsf gross square feet

GW gigawatt

GWRS groundwater replenishment system

H₂S Hydrogen Sulfide

HABS Historic American Buildings Survey

Handbook Air Quality and Land Use Handbook: A Community Health Perspective (CARB

2005)

HAPs hazardous air pollutants

HCD Housing Community Development

HFCs hydrofluorocarbons HHDT heavy duty trucks

HMBP Hazardous Materials Business PlanHMTA Hazardous Material Transportation Act

HQTAs high quality transit areas
HRA health risk assessment
HSP Health and Safety Plan

l Interstate

IIPP Injury and Illness Prevention Program
ITE Institute of Transportation Engineers

kWh kilowatt hours

LEED Leadership in Energy and Environmental Design

Leq equivalent sound level LID Low Impact Development

LOS level of service

LUST Local Significance Thresholds
LUST leaking underground storage tank

m³ cubic meter

MACT maximum achievable control technology

MCL maximum contaminant level MDV medium duty vehicle

MEIR maximally exposed individual resident

MEP maximum extent practicable
MERV Minimum Efficiency Reporting Value

MM Mitigation Measure

MMRP Mitigation Monitoring and Reporting Program

MMT million metric tons mpg miles per gallon

MPO Metropolitan Planning Organization

MR-15 Medium Density Residential

MS4 Municipal Separate Storm Sewer System

MSDS material safety data sheets

msl mean sea level

MT CO₂e metric tons of carbon dioxide equivalent

MTBE methyl tert-butyl ether

MWD Metropolitan Water District of Southern California
MWELO Model Water Efficient Landscape Ordinance

N₂O nitrous oxide

NAAQS National Ambient Air Quality Standards
NAHC Native American Heritage Commission

NALs numeric action levels

NESHAP national emissions standards for hazardous air pollutants

NH₃ ammonia

NHPA National Historic Preservation Act of 1966

NO2 nitrogen dioxide
NOI Notice of Intent
NOP Notice of Preparation

NO_x nitrogen oxide

NPDES National Pollutant Discharge Elimination System

 O_3 ozone

OC Basin Orange County Groundwater Basin
OC COG Orange County Council of Government
OCFCD Orange County Flood Control District
OCSD Orange County Sanitation District
OCTA Orange County Transportation Authority

OCWD Orange County Water District

OSHA Occupational Safety and Health Administration

PACE Property Assessed Clean Energy

Pb Lead

PDC Planned Development Commercial

PFCs perfluorocarbons

PHEVs plug-in hybrid electric vehicles

PM₁₀ Particulate Matter Less Than 10 Microns

Particulate Matter Less Than 2.5 Microns $PM_{2.5}$

PPP Plans, Programs, and Policies

PRC Public Resources Code

PV photovoltaic

R 1 Single-Family Residence Suburban Apartment **R4** replenishment assessment RA**RCP** reinforced concrete pipe

Resource Conservation and Recovery Act **RCRA** recognized environmental conditions REC **RHNA** Regional Housing Needs Assessment

RMS root mean square ROG reactive organic aas

Renewable Portfolio Standards RPS **RSLs** Regional Screening Levels

Research and Special Programs Administration **RSPA**

RTP/SCS Regional Transportation Plan and Sustainable Communities Strategy

RWQCB Santa Ana Regional Water Quality Control Board

SAPD Santa Ana Police Department Santa Ana Unified School District **SAUSD**

SB Senate Bill

SCAG Southern California Association of Governments **SCAQMD** South Coast Air Quality Management District South Central Coastal Information Center SCCIC

Southern California Edison SCE SCH State Clearinghouse

SCS Sustainable Communities Strategy

SD48 Special Development 48

square feet SF

SF₆ sulfur hexafluoride

SJVAPD San Joaquin Valley Unified Air Pollution Control District

SMP soil management plan **SNA** John Wayne Airport sulfur dioxide SO_2

SO₃ sulfur trioxide SO₄₋₂ Sulfates

SoCalGas Southern California Gas Company

SP service population **SP**** Specific Plan SR State Route

SRA source receptor area

SSMP Sewer System Management Plan Sanitary Sewer Overflows SSOs

SWAPE

Soil Water Air Protection Enterprise **SWPPP** Stormwater Pollution Prevention Plan **SWRCB** State Water Resource Control Board

TACs toxic air contaminants TAZ Traffic Analysis Zone

T-BACTs best available control technologies for toxics

TCR tribal cultural resources

transportation demand management TDM

TDMLs total daily maximum loads TIA Traffic Impact Analysis

TOD Transit-Oriented-Development

TPA Transit Priority Area

TPH-d total petroleum hydrocarbons – diesel

tpy tons per year TTM Tentative Tract Map

USDOT United States Department of Transportation
USEPA United States Environmental Protection Agency

USGS United States Geological Survey
UST underground storage tank
UWMP Urban Water Management Plan

VdB velocity levels expressed in decibel notation
VHFHSZ Very High Fire Hazard Severity Zone

VMT vehicle miles traveled
VOC volatile organic compound
WDRs waste discharge requirements
WQMP Water Quality Management Plan

WSA water supply assessment ZEV zero emissions vehicle

μg microgram

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