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Volume II

B Traffic Impact Study

Volume III

C Acoustical Assessment Report

D Air Quality Technical Report

E Global Climate Change Evaluation

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F Biological Resources Reports

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- G Archaeological Resources Evaluation
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- I Conceptual Water Study/ Water Supply Assessment Report
- J Regional Sewer Study and Conceptual Sewer Study/Conceptual Sewer Pump Station Layout
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## LIST OF ACRONYMS

AB	Assembly Bill
ADT	Average daily traffic
AM	before midday ( <i>ante meridiem</i> )
amsl	Above mean sea level
APCD	Air Pollution Control District – County of San Diego
AQI-	Air Quality Impact
AQM-	Air Quality Mitigation
ARE	Archaeological Resources Evaluation
ASCE	American Society of Civil Engineers
ASTM	ASTM International (formerly known as the American Society for Testing and Materials)
AWSC	All Way Stop Controlled
Basin Plan	San Diego Regional Water Quality Control Board Basin Plan
BAT	Best Available Technology
BCT	Best conventional pollutant control technology
BI-	Biological Resources Impact
BLM	Bureau of Land Management
BM-	Biological Resources Mitigation
BMI	benthic macroinvertebrate
BMO	Biological Mitigation Ordinance
BMPs	Best management practices
BRCA	Biological Resource Core Area
BTR	Biological Technical Report
CAA	Clean Air Act
CAAQS	California ambient air quality standards
CAFE	Corporate Average Fuel Economy
Cal-IPC	California Invasive Plant Council
Caltrans	California Department of Transportation
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CBC	California Building Code
CCAR	California Climate Action Registry
CCCC	California Climate Change Center
CCR	California Code of Regulations
CDF	California Department of Forestry
CDFG	California Department of Fish and Game
CDS	continuous deflection separation
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CEQA guidelines	Guidelines for Implementation of the California Environmental Quality Act
CFCs	chlorofluorocarbons
CFD	Community Facilities District
CFR	Code of Federal Regulations
cfs	cubic feet per second
CHP	California Highway Patrol
CI-	Cultural Resources Impact



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CIP	Capital Improvements Program
City	City of San Diego
CLUP	Comprehensive Land Use Plan
CM-	Cultural Resources Mitigation
CMP	Congestion Management Program
CNEL	Community Noise Equivalent Level
CNPS	California Native Plant Society
CO	Carbon monoxide
CO <sub>2</sub> Eq	Carbon dioxide equivalent
COC	Constituents of Concern
COD	chemical oxygen demand
Corps	U.S. Army Corps of Engineers
County	County of San Diego
CSA	County Service Area
CSC	California species of special concern
CUWCC	California Urban Water Conservation Council
CWA	Clean Water Act
dB	Decibel
dBA	A-weighted decibel
DEH	County of San Diego Department of Environmental Health
Design Guidelines	EOMSP Subarea 2 Site Planning and Design Guidelines
DNE	Does not exist
Donovan Fire Department	R.J. Donovan Correctional Facility Fire Department
DPLU	County of San Diego Department of Planning and Land Use
DPW	County of San Diego Department of Public Works
DU	dwelling unit
DWR	California Department of Water Resources
EIR	Environmental Impact Report
EIS	Environmental Impact Statement
EMFAC 2002	Motor Vehicle Emission Factor Model for calculating air pollution emission factors for passenger cars, trucks and buses
EOMSMD	East Otay Mesa Sewer Maintenance District
EOMSP	East Otay Mesa Specific Plan
EPIC	The University of San Diego School of Law Energy Policy Initiative Center
ESA	Endangered Species Act
ESL	Environmentally Sensitive Lands
FAA	Federal Aviation Administration
FE	Federally endangered
FHWA	Federal Highway Administration
FEIR	Final Environmental Impact Report
FEMA	Federal Emergency Management Agency
FT	Federally listed threatened

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g	acceleration due to gravity
GEOCON	GEOCON, Inc.
GHG	Greenhouse Gas
gnatcatcher	coastal California gnatcatcher ( <i>Poliophtila californica californica</i> )
gpd	gallon(s) per day
gpm	gallon(s) per minute
GSA	U.S. General Services Administration
HA	Hydrologic Area
HAP	Hazardous air pollutants
HARP	Hot Spots Analysis and Reporting Program
HCM	Highway Capacity Manual
HCP	Habitat Conservation Plan
HELIX	HELIX Environmental Planning, Inc.
HLP	Habitat Loss Permit
HMMP	Hazardous Materials and Management Plan
HMP	Habitat Management Plan
HSA	Hydrologic Subarea
HU	Hydrologic Unit
I-	Interstate
IBC	International Building Code
IBWC	International Boundary Water Commission
ICBO	International Conference of Building Officials
ICC	International Code Council
IID	Imperial Irrigation District
ILV	Intersecting Lane Vehicles
Industrial Permit	NPDES General Industrial Activity Storm Water Permit
Int	Intersection
IPCC	Intergovernmental Panel on Climate Change
ISCST3	Industrial Source Complex Short Term model, an EPA model for assessing short-term pollutant concentrations
ITE	Institute of Transportation Engineers
KHA	Kimley-Horn and Associates
kWh	kilowatt hours
LBZ	Limited Building Zone
LC	Light Collector
L <sub>eq</sub>	Noise equivalent level
lbs/acre/day	pound (per acre) per day
LCFS	Low Carbon Fuel Standard
LEDs	light-emitting diodes
LID	Low Impact Development
LOS	Level of service
LPC	Light Pollution Code
LS	less than significant

---

MBTA	Migratory Bird Treaty Act
MBTRA	Migratory Bird Treaty Reform Act
MCAS	Marine Corps Air Station
MEC	MEC Analytical Systems, Inc.
MEP	maximum extent practicable
Metro System	City of San Diego Metropolitan Sewerage System
MFR	multi-family residence
mg/m <sup>3</sup>	milligrams per cubic meter
mgd	million gallons per day
MHPA	Multiple Habitat Planning Area
MLD	Most Likely Descendant
MLS	mass loading station
Mtons	metric tons
MMtons	million metric tons
mpg	miles per gallon
mph	miles per hour
MSCP	Multiple Species Conservation Program
MUP	Major Use Permit
MWD	Metropolitan Water District of Southern California
NA	not available or not applicable
NAAQS	National ambient air quality standards
NAGPRA	Native American Graves Protection and Repatriation Act
NB	Northbound
NBL	Northbound Left
NCCPs	Natural Communities Conservation Programs
NE-MSCP	Narrow Endemic Species
NEPA	National Environmental Policy Act
NHPA	National Historic Preservation Act of 1966
NI	no impact
NI-	Noise Impact
NM	Noise Mitigation
NO <sub>x</sub>	Nitrogen oxides
NOP	Notice of Preparation
NPDES	National Pollutant Discharge Elimination System
NPPA	Native Plant Protection Act
NSLUs	Noise Sensitive Land Uses
O <sub>3</sub>	Ozone
OEHHA	California Office of Environmental Health Hazard Assessment
OFFROAD	Model is used to estimate the contributions of emissions of various equipment types to the overall off-road emissions inventory
OMTS	Otay Mesa Trunk Sewer
OWD	Otay Water District
OWSC	One Way Stop Controlled

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PCE	Passenger car equivalent
PEIR	Program Environmental Impact Report
PEIS	Program Environmental Impact Statement
PI-	Paleontological Resources Impact
PFE	Public Facilities Element
PM	After midday ( <i>post meridiem</i> )
PM-	Paleontological Resources Mitigation
PM <sub>2.5</sub>	Particulate matter less than or equal to 2.5 microns
PM <sub>10</sub>	Particulate matter less than or equal to 10 microns
PNC	Pacific Noise Control
ppm	parts per million
POE	Port of Entry
PRS	Pressure Reducing Station
PSUI-	Public Services and Utilities Impact
PSUM-	Public Services and Utilities Mitigation
Quino	Quino checkerspot butterfly ( <i>Euphydryas editha quino</i> )
RAQS	Regional Air Quality Strategies
RCA	Resource Conservation Area
RMP	Resource Management Plan
ROW	Right-of-way
RP	Reclamation Plan
RPL	Replacement
RPO	Resource Protection Ordinance
RSAs	Regionally Significant Arterials
RWCWRF	Ralph W. Chapman Water Recycling Facility
RWQCB	San Diego Regional Water Quality Control Board
SAMP	Special Area Management Plan, Sub-Area Water Master Plan
SANDAG	San Diego Association of Governments
SANTEC	San Diego Traffic Engineer's Council
SB	Southbound
SBL	Southbound left
SBR	Southbound right
SB	Senate Bill
SBWRP	South Bay Water Reclamation Plant
SBX	South Bay Expressway
SCAQMD	South Coast Air Quality Management District
SCEI	Stevens-Cresto Engineering, Inc.
SCH	State Clearinghouse
SCS	U.S. Soil Conservation Service
SDAB	San Diego Air Basin
SDCGHGI	San Diego County Greenhouse Gas Inventory
SDCWA	San Diego County Water Authority
SDRFPD	San Diego Rural Fire Protection District
SDP	Site Development Permit
SE	State listed endangered

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SEIR	Supplemental Environmental Impact Report
s.f.	Square foot, square feet
SFR	single family residence
Sheriff	San Diego County Sheriff's Department
sig	signalized
SIP	State Implementation Plan
SM	significant but mitigable
SO <sub>x</sub>	Oxides of Sulfur
SPA	Specific Plan Amendment
SPS	Sewer Pump Station
SR	State Route
SRA	Scientific Resources Associated
State CEQA Guidelines	State California Environmental Quality Act Guidelines
STP	Shovel test pit(s)
SU	significant and unmitigable
SUHSD	Sweetwater Union High School District
SUSMP	Standard Urban Storm Water Mitigation Plan
SUVs	Sport utility vehicles
SWMP	Storm Water Management Plan
SWP	State Water Project
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resources Control Board
SWSAS	Storm Water Sampling and Analysis Strategy
SYSD	San Ysidro School District
TAC	Toxic air contaminant
T-BACT	Toxics best available control technology
TC	Town Collector
TDS	total dissolved solids
TI-	Traffic Impact
TIF	Traffic Impact Fee
TIS	Traffic Impact Study
TM-	Traffic Mitigation
TM	Tentative map
TMDL	total maximum daily load
TSS	Total Suspended Solids
TWSC	Two Way Stop Controlled
UBC	Uniform Building Code
UNFCCC	United Nations Framework Convention on Climate Change
URBEMIS 2007	Urban Emissions Model for estimating air quality impacts from land use projects when preparing a CEQA environmental analysis
URMPs	Urban Runoff Management Plans
URS	URS Corporation
U.S.	United States
USD	University of San Diego
USEPA	U.S. Environmental Protection Agency

USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
UWMP	Urban Water Management Plant
V/C	volume to capacity ratio
VOCs	Volatile Organic Compounds
VTM	Vesting Tentative Map
Weston	Weston Solutions
WPO	County of San Diego Watershed Protection, Stormwater Management and Discharge Control Ordinance
WURMPs	watershed-based approach to Urban Runoff Management Plans
WWM	Wastewater Management Section within the Department of Public Works for the County of San Diego
WWTP	Wastewater Treatment Plant
ZAP	Minor Use Permit
2-C	2-Lane Collector
4-C	4-Lane Collector
4-M	4-Lane Major Arterial
5-M	5-Lane Major Arterial
9-P	6-Lane Prime Arterial
$\mu\text{g}/\text{m}^3$	micrograms per cubic meter