

**SAN DIEGO CREEK WATERSHED
NATURAL TREATMENT SYSTEM
REVISED ENVIRONMENTAL IMPACT REPORT**

Volume I

Submitted to:

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ACRONYM	DEFINITION
amsl	above mean sea level
AQMP	Air Quality Management Plan
ASMP	Airport System Master Plan
AST	Aboveground Storage Tank
ASTM	American Society for Testing and Materials
AVR	Average Vehicle Ridership
BAT	Best Available Technology
BCT	Best Conventional Pollutant Control Technology
BMP	Best Management Practice
BOD	Biological Oxygen Demand
Bti	<i>Bacillus thuringiensis israeliensis</i> (natural microbial pesticide for mosquitoes)
Cal/OSHA	California Occupational Safety and Health Administration
Cal-EPA	California Environmental Protection Agency
Caltrans	California Department of Transportation
CARB	California Air Resources Board
CBSP	Commuter Bikeways Strategic Plan
CDFG	California Department of Fish and Game
CDOC	State of California Department of Conservation
CEQA	California Environmental Quality Act
CESA	California Endangered Species Act
CFR	Code of Federal Regulations
cfs	cubic feet per second
CIMIS	California Irrigation Management Information System
CNDDDB	California Natural Diversity Database
CNPS	California Native Plants Society
CRWQCB	California Regional Water Quality Control Board
CTR	California Toxics Rule
CWA	Clean Water Act
cy	cubic yard
DAMP	Drainage Area Management Plan
DDT	Dichlorodiphenyldichloroethylene
DHS	California Department of Health Services
DON	United States Department of Navy
DSOD	California Department of Safety of Dams
DTSC	Department of Toxic Substances Control
EA	Environmental Assessment
EDR	Electrodialysis Reverse
EDR	Environmental Data Resources
EIR	Environmental Impact Report
EIS	Environmental Impact Statement
EMFAC	Emission Factor
EMI	EI Modena-Irvine (Channel)
EOGP	East Orange General Plan
EPA	Environmental Protection Agency
ETC	Eastern Transportation Corridor
EV	Effective Values
Fed/OSHA	Federal Occupational Safety and Health Administration
FEIR	Final Environmental Impact Report
FESA	Federal Endangered Species Act
GIS	Geographic Information Systems
GLA	Glenn Lukos Associates

GP	General Plan
gpm	gallons per minute
HMB	Hazardous Material Basin
I&S	Immobilization and Sequestration
IA	Implementation Agreement
IPM	Integrated Pest Management
IRWD	Irvine Ranch Water District
IUSD	Irvine Unified School District
IVM	Integrated Vector Management
JWA	John Wayne Airport
LRA	Local Redevelopment Authority
LSA	LSA Associates, Inc.
MBTA	Migratory Bird Treaty Act
MCAS	Marine Corps Air Station
mgd	million gallons per day
MM	Mitigation Measure
MS4	Municipal Separate Storm Sewer System
MSPS	Main Street Pump Station
MSW Permit	Municipal Storm Water Permit
MWD	Metropolitan Water District
MWRP	Michelson Water Reclamation Plant
NCCP	Natural Community Conservation Plan
NCCP/HCP	Natural Community Conservation Plan/Habitat Conservation Plan
NEPA	National Environmental Policy Act
NHPA	National Historic Preservation Act
NO ₂	Nitrogen Dioxide
NOI	Notice of Intent
NOP	Notice of Preparation
NOx	Nitrogen Dioxide
NPDES	National Pollutant Discharge Elimination System
NPS	Nonpoint Source
NRHP	National Register of Historic Places
NROC	Nature Reserve of Orange County
NTS	Natural Treatment System
O&M	Operations and Maintenance
OCFCD	Orange County Flood Control District
OCHCA	Orange County Health Care Agency
OCFRD	Orange County Public Facilities and Resource Department
OCSD	Orange County Sanitation District
OCTA	Orange County Transportation Authority
OCVCD	Orange County Vector Control District
OCWD	Orange County Water District
OS	Open Space
OSP	Open Space Park
PA	Planning Area
PCB	Polychlorinated Biphenyls
PDF	Project Design Feature
PDR	Preliminary Design Report
PDR	Preliminary Design Report
PEIR	Program Environmental Impact Report
PM ₁₀	Suspended Particulate Matter
PM _{2.5}	Suspended Particulate Matter (2.5 microns or less)
ppb	parts per billion

RCP	Reinforced Concrete Pipe
RCRA	Resource Conservation and Recovery Act
ROG	Reactive Organic Gases
ROW	Right-of-Way
RWQCB	Regional Water Quality Control Board
SAMP	Special Area Management Plan
SAMS 1	Small Area Mitigation Site 1
SAV	Submerged Aquatic Vegetation
SC	Standard Conditions and Requirements
SCAB	South Coast Air Basin
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCH	State Clearinghouse
Se	Selenium
sf	square foot
SIP	State Implementation Plan
SJHTC	San Joaquin Hills Transportation Corridor
SJM	San Joaquin Marsh
SOI	Sphere of Influence
SR	State Route
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	California State Water Resources Control Board
TAC	Technical Advisory Committee
TCA	Transportation Corridor Agencies
TCE	Trichloroethylene
TDS	Total Dissolved Solids
TMDL	Total Maximum Daily Load
TN	Total Nitrogen
TP	Total Phosphorus
UCNRS	University of California Natural Reserve System
UNB	Upper Newport Bay
UNBER	Upper Newport Bay Ecological Reserve
USACOE	United States Army Corps of Engineers
USEPA	United States Environmental Protection Agency
USFWS	United States Fish and Wildlife Service
USLE	Universal Soil Loss Equation
UST	Underground Storage Tank
UV	Ultraviolet Radiation
V	Weighted Values
VOC	Volatile Organic Compounds
WQMP	Water Quality Management Plan
WQT	Water Quality Treatment
WSA	Water Supply Assessment