

Final
City of Elk Grove
Multi-Sport Complex and Southeast Industrial Annexation
Area Supplemental Environmental Impact Report



Prepared for:



City of Elk Grove

AECOM

December 2020

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Final
City of Elk Grove
Multi-Sport Complex and Southeast Industrial Annexation Area
Supplemental Environmental Impact Report



Prepared for:

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LIST OF ACRONYMS AND ABBREVIATIONS

°C	Celcius
2019 SOIA EIR	2019 Sphere of Influence Amendment Environmental Impact Report
2020 MTP/SCS	<i>2020 Metropolitan Transportation Plan/Sustainable Communities Strategy</i>
AB	Assembly Bill
ADT	Average daily traffic
ADWF	average dry weather flow
af/ac/yr	acre-feet per acre per year
afy	acre-feet per year
Alternative GSP	Alternative Groundwater Sustainability Plan
APN	Assessor's Parcel Number
AQMP	Air Quality Management Plans
ARB	California Air Resources Board
BACT	Best Available Control Technology
Basin Plan	Water Quality Control Plan for the Sacramento-San Joaquin River Basins
BMPs	best management practices
CAAQS	California Ambient Air Quality Standards
CAFE	Corporate Average Fuel Economy
CAL FIRE	California Department of Forestry and Fire Protection
Cal OSHA	California Occupational Safety and Health Agency
CalEEMod	California Emissions Estimator Model
CalGEM	California Geologic Energy Management Division
CalGreen	California Green Building Standards Code
CALGreen Code	California Green Building Standards Code
CAP	Climate Action Plan
CASQA	California Stormwater Quality Association
CBC	California Building Standards Code
CCR	California Code of Regulations
CCSD	Cosumnes Community Service District
CDFW	California Department of Fish and Wildlife
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CESA	California Endangered Species Act
CGS	California Geological Survey
CHP	California Highway Patrol

CHRIS	California Historical Resources Information System
City	City of Elk Grove
CNDDDB	California Natural Diversity Database
CNEL	community noise equivalent level
CNPS	California Native Plant Society
CO	Carbon monoxide
Construction General Permit	General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities
CPTED	Crime Prevention Through Environmental Design
CPUC	California Public Utilities Commission
CRHR	California Register of Historical Resources
CRPR	California Rare Plant Rank
CUPA	Certified Unified Program Agency
CVFPP	Central Valley Flood Protection Plan
CVP	Central Valley Project
CWA	Clean Water Act
dB	decibel
dBA	A-weighted decibel
dbh	diameter at breast height
DDT	dichlorodiphenyltrichloroethane
Delta	Sacramento-San Joaquin Delta
DOF	California Department of Finance
DPM	diesel particulate matter
DPR	California Department of Parks and Recreation
DTSC	Department of Toxic Substances Control
DWR	California Department of Water Resources
ECL	Emission Control Labels
EDD	California Employment Development Department
EGUSD	Elk Grove Unified School District
EIR	Environmental Impact Report
EPA	U.S. Environmental Protection Agency
ESA	Environmental Site Assessment
ESA	federal Endangered Species Act
ESDs	Equivalent Single-Family Dwelling Units
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
FHWA-RD-77-108	FHWA Highway Noise Prediction Model

FIRMs	Flood Insurance Rate Maps
FMMP	Farmland Mapping and Monitoring Program
GC	General Commercial/Commercial Office
GHG	greenhouse gas
gpd	gallon per day
GSAs	Groundwater Sustainability Agencies
GSP	Groundwater Sustainability Plan
GVWR	gross vehicle weight rating
GWTP	Groundwater Water Treatment Plant
Handbook	Air Quality and Land Use Handbook: A Community Health Perspective
HI	Heavy Industrial
HVAC	heating, ventilation, and air conditioning
IEPR	Integrated Energy Policy Report
IPCC	Intergovernmental Panel on Climate Change
IWFM	Integrated Water Flow Model
kBtu	British thermal units
kV	kilovolt
LAFCo	Local Agency Formation Commission
lb/day	pounds per day
L _{dn}	day-night average sound level
L _{eq}	equivalent sound level
LI	Light Industrial
LID	low impact development
LOS	level of service
LRA	Local Responsibility Area
MBTA	Migratory Bird Treaty Act
MERV	Minimum Efficiency Reporting Value
mgd	million gallons per day
MM therms	million therms
mph	miles per hour
MPO	Metropolitan Planning Organization
MRZ	Mineral Resource Zone
MS4	Municipal Separate Storm Sewer System
MS4 Permit	permit to discharge stormwater from municipal separate storm sewer systems
MTP	Metropolitan Transportation Plan
MU	Mixed Use

MW	megawatts
NAAQS	National Ambient Air Quality Standards
NAHC	Native American Heritage Commission
NCIC	North Central Information Center
NEPA	National Environmental Policy Act
NHTSA	National Highway Traffic and Safety Administration
NO ₂	nitrogen dioxide
NOP	Notice of Preparation
NO _x	nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
NRCS	U.S. Natural Resources Conservation Service
NRHP	National Register of Historic Places
OEHHA	Office of Environmental Health Hazard Assessment
OHWD	Omochumne-Hartnell Water District
OSHA	federal Occupational Health and Safety Administration
P/OS	Parks and Open Space
PCBs	polychlorinated biphenyls
PG&E	Pacific Gas and Electric Company
PGA	Peak horizontal ground acceleration
PM	Particulate matter
PM ₁₀	particulate matter with an aerodynamic diameter less than 10 microns
PM _{2.5}	particulate matter with an aerodynamic diameter less than 2.5 microns
Porter-Cologne Act	Porter-Cologne Water Quality Control Act
ppv	peak particle velocity
proposed project	Multi-Sport Complex and Southeast Industrial Annexation Area Project
PWWF	peak wet weather flow
RC	Regional Commercial
ROG	reactive organic gases
RPS	renewable portfolio standard
RWQCB	Regional Water Quality Control Board
SACOG	Sacramento Area Council of Governments
SAFE	Safer Affordable Fuel Efficient
SAFE Rule	Safer Affordable Fuel Efficient Vehicles Rule
SAHM	Sacramento Area Hydrology Model
SASD	Sacramento Area Sewer District
SB	Senate Bill

SCGA	Sacramento Central Groundwater Authority
SCS	Sustainable Communities Strategy
SCWA	Sacramento County Water Agency
SEIR	Supplemental Environmental Impact Report
SEPA	SouthEast Policy Area
SMAQMD	Sacramento Metropolitan Air Quality Management District
SMUD	Sacramento Municipal Utility District
SO ₂	Sulfur dioxide
SOIA	Sphere of Influence amendment
SO _x	oxides of sulfur
SR	State Route
SRCSD	Sacramento Regional County Sanitation District
SRWTP	Sacramento Regional Wastewater Treatment Plant
SSHCP	South Sacramento Habitat Conservation Plan
SVAB	Sacramento Valley Air Basin
SWCV	Solid Waste Collection Vehicles
SWPPP	Stormwater Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TAC	toxic air contaminant
TMDLs	Total Maximum Daily Loads
TRUs	transportation refrigeration units
UCMP	U.C. Berkeley Museum of Paleontology
UCSB	University of California, Santa Barbara
UDA	Urban Development Area
UPRR	Union Pacific Railroad
USB	Urban Services Boundary
USTs	underground storage tanks
VdB	vibration decibel
VELB	valley elderberry longhorn beetle
VMT	vehicle miles travelled
WDRs	Waste Discharge Requirements
WRF	Water Reclamation Facility
WSMP	Water Supply Master Plan
ZNE	zero net energy