

*DRAFT*

*HIGH SCHOOL NO. 5*

*SUPPLEMENTAL*

*ENVIRONMENTAL*

*IMPACT REPORT*

*SCH NO.*

2002101020

*prepared for:*

*IRVINE UNIFIED  
SCHOOL DISTRICT*

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Principal, School  
Facilities Planning*

*SEPTEMBER 2013*

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## List of Defined Terms and Abbreviations

<b>UPDATED - DEFINED TERMS AND ABBREVIATIONS FOR HIGH SCHOOL NO. 5 SEIR</b>	
<b>NAME OR ABBREVIATION</b>	<b>TERM OR DEFINITION</b>
"2003 OCGP EIR"	The Final EIR for the initial OCGP Project certified by the City in May 2003
"2011 Approved Project"	The project that was analyzed in the certified 2011 Approved Project SEIR (the existing entitlements approved through 2011) and approved by the City in September 2011, which serve as the baseline for this SEIR
"2011 Approved Project SEIR"	The supplemental EIR certified by the City in 2011 that analyzed the environmental effects of the 2011 Approved Project, as compared to the project analyzed in the 2003 OCGP EIR and the seven subsequent Addenda.
"2011 Approved Project Site"	The site of the 2011 Approved Project, including the entirety of "Existing PA 30" and "Existing PA 51".
"2012 Modified Project"	Heritage Fields Project 2012 - General Plan Amendment and Zone Change.
"2012 SSEIR"	The second supplemental EIR for the 2012 Modified Project that has not been certified by the City that analyzes environmental impacts of the 2012 Modified Project that includes a 2,600-student high school.
"AAQS"	Ambient Air Quality Standards; can be either federal (National AAQS, or NAAQS) or State (CAAQS)
"AB"	Assembly Bill
"ac"	Acre
"ACM"	Asbestos Containing Materials
"ACOE"	Army Corps of Engineers
"Addendum/Addenda"	Each Addendum, or the eight addenda, to the 2003 OCGP EIR
"ADT"	Average Daily Traffic
"afy"	Acre foot per year (a water quantity measure)
"amsl"	above mean sea level
"APNs"	Assessor's Parcel Numbers
"Approved Wildlife Corridor Feature"	The 179 acres owned by the City in Existing PAs 51 and 30 that is currently zoned 1.4 Preservation and that is contemplated to serve as a wildlife corridor under the 2011 Approved Project.
"AQMP"	Air Quality Management Plan
"BAU"	"Business As Usual," a phrase used by CARB in its <i>Climate Change Scoping Plan</i> to refer to the scenario without any action taken to reduce GHG emissions
"bgs"	below ground surface
"BMPs"	Best Management Practices
"BTUs"	British Thermal Units (a measure of heat)
"CAA"	Federal Clean Air Act (42 United States Code §§ 101 et seq.)
"CAAQS"	California Ambient Air Quality Standards
"CAFÉ Standards"	Federal Corporate Average Fuel Economy Standards, created by the 2007 Energy Bill, are new standards for increases in fleetwide fuel economy for passenger vehicles and light trucks
"CalEEMod"	California Emission Estimator Model developed by the SCAQMD used to calculate construction and operational phase emissions of mass criteria pollutants and GHGs
"Cal EMA"	California Emergency Management Agency
"Cal/EPA"	California Environmental Protection Agency
CALGreen	California Green Building Standards Code
"Caltrans"	California Department of Transportation
"CAPCOA"	California Air Pollution Control Officers Association
"CARB"	California Air Resources Board
"CAT"	California Climate Action Team
"CBC"	California Building Code
"CCAA"	California Clean Air Act of 1988, AB 2595 (Sher) (Chapter 1568, Statutes of 1988)

## *List of Defined Terms and Abbreviations*

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<b>NAME OR ABBREVIATION</b>	<b>TERM OR DEFINITION</b>
"CCR"	California Code of Regulations (includes the CEQA Guidelines)
"CDE"	California Department of Education
"CDFG"/CDFW	California Department of Fish and Game (now Fish and Wildlife)
"CEC"	California Energy Commission
"CEFRA"	Community Environmental Response Facilitation Act
"CERCLA"	Comprehensive Environmental Response, Compensation, and Liability Act
"Certified EIR"	The 2003 OCGP EIR, the 8 Addenda, and the 2011 Approved Project SEIR.
"CEQA"	California Environmental Quality Act (Pub. Res. Code §§ 21000 et seq.)
"CEQA Guidelines"	Title 14, Cal. Code Regs. §§ 15000 et seq.
"CFC"	Chlorofluorocarbons, a category of greenhouse gases
"CFR"	Code of Federal Regulations
"cfs"	Cubic feet per second
"CH <sub>4</sub> "	Methane, a greenhouse gas
"City"	The City of Irvine, an administrative body
"CMP"	Congestion Management Plan
"CNEL"	Community Equivalent Noise Level
"CO"	Carbon Monoxide (federal and State criteria air pollutant)
"CO <sub>2</sub> e"	Carbon dioxide-equivalent greenhouse gas emissions
"CPUC"	California Public Utilities Commission
"DAMP"	Drainage Area Master Plan
"DATS"	Deep Aquifer Treatment System
"dB"	Decibel
"dBA"	A-Weighted Decibel
"DG"	Decomposed Granite
"DOD"	Department of Defense
"DON"	The Department of the Navy
"DPM"	Diesel particulate matter
"DSEIR"	Draft Supplemental Environmental Impact Report
"DSSEIR"	Draft Second Supplemental Environmental Impact Report
"DTSC"	California Department of Toxic Substances
"du"	Dwelling unit
"EBS"	Environmental Baseline Survey
"EDR"	Environmental Database Resources
"EPA"	Environmental Protection Agency
"Existing PA 30"	PA 30 as currently configured
"Existing PA 51"	PA 51 as currently configured
"FAA"	Federal Aviation Administration
"fc"	Foot-candle
"FEMA"	Federal Emergency Management Agency
"FHWA"	Federal Highway Administration
"Final SSEIR"	Final Second Supplemental Environmental Impact Report
"FIND"	Facility Information Detail
"FMMP"	Farmland Mapping and Monitoring Program
"FOST"	Finding of Suitability for Transfer
"FTA"	Federal Transit Administration
"GHG"	Greenhouse gas
"GIS"	Geographic information systems database
g/L	Grams per liter
"GMP"	Groundwater Management Plan
"GPA"	General Plan Amendment
"GPA/ZC"	General Plan Amendment/Zone Change

## *List of Defined Terms and Abbreviations*

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<b>NAME OR ABBREVIATION</b>	<b>TERM OR DEFINITION</b>
"GPC"	The Orange County Great Park Corporation, the entity that manages and operates the Great Park. (Despite the name, it is a division of the City).
"gpm"	Gallons per minute
"Great Park"	The Orange County Great Park; the property owned by the City within Existing PAs 30 and 51
"Great Park Board"	The Orange County Great Park Board; the entity that governs the GPC
"GWh"	Gigawatt-hours
"GWP"	Global Warming Potential
"H <sub>2</sub> O"	Water vapor
"H <sub>2</sub> S"	Hydrogen Sulfide
"HAP"	Hazardous Air Pollutant, an air pollutant listed as causing or contributing to mortality or serious illness in Section 112(b) of the federal Clean Air Act (42 United States Code § 7412(b)), which is also a Toxic Air Contaminant in California (SEIR, p. 5.2-4)
"HCFC"	Hydrochlorofluorocarbons, a category of greenhouse gases
"HCM"	Highway Capacity Manual
"HCP"	Habitat Conservation Plan
"HFC"	Hydrofluorocarbons, a category of greenhouse gases
"HVAC System"	Heating, ventilation, and air conditioning
"hp"	Horsepower
"HWMU"	Hazardous Waste Management Unit
"I-5"	Interstate 5
IBI Group	Traffic study consultant.
"ICU"	Intersection Capacity Utilization
in/sec	inches per second
"IPCC"	Intergovernmental Panel on Climate Change
"IPD"	Irvine Police Department
"IRP"	Installation Restoration Program
"Irvine"	The city as a geographic location, as opposed to the "City," a governmental agency
"IRWD"	Irvine Ranch Water District
"IS"	Initial Study
"ITAM"	Irvine Transportation Analysis Model
"ITEMS"	Irvine Traffic Engineering System
"IUSD"	Irvine Unified School District
"IWRP"	Integrated Water Resources Plan
"kV"	Kilovolt
"kWh"	Kilowatt-hours
"LAX"	Los Angeles International Airport
"LBP"	Lead Based Paint
"lbs"	Pounds
"LCFS"	Low-Carbon Fuel Standard
"L <sub>eq</sub> "	Equivalent Continuous Noise Level
"L <sub>dn</sub> "	Day-Night Level
"LFG"	landfill gas collection
"LFTAM"	Lake Forest Traffic Analysis Model
"LOS"	Level of Service
"LST"	Localized Significance Threshold
"LTFP"	Long Term Facilities Plan
"LUST"	Leaking Underground Storage Tank
"MAOP"	Maximum allowable operating pressure



## *List of Defined Terms and Abbreviations*

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<b>NAME OR ABBREVIATION</b>	<b>TERM OR DEFINITION</b>
"MCAS"	Marine Corps Air Station (El Toro)
"MEP"	Maximum Extent Practicable
"mgd"	Million gallons per day
MMCF	Million cubic feet
"Mitigation Measures ("MMs")"	A measure recommended in accordance with CEQA to reduce or avoid an environmental impact that is identified as significant.
"MMTons"	Million Metric Tons
"MNA"	Monitored Natural Attenuation
"MPAH"	Orange County Master Plan of Arterial Highways
"MPO"	Metropolitan Planning Organization (in our case SCAG)
µg/l	micrograms per liter
"MRZ"	Mineral Resource Zone
"MS4"	Municipal Separate Storm Sewer System
"MTons"	Metric Tons
"MWRP"	Michelson Wastewater Reclamation Plant
"MWD"	Metropolitan Water District of Southern California
"MWDOC"	Municipal Water District of Orange County
"N <sub>2</sub> O"	Nitrous Oxide, a greenhouse gas
"NAAQS"	Federal National Ambient Air Quality Standards
"NCCP/HCP"	Natural Communities Conservation Plan/Habitat Conservation Plan
"NIMS"	National incident management system
"NITM"	North Irvine Transportation Mitigation Program
"NO"	Nitric Oxide
"NO <sub>2</sub> "	Nitrogen Dioxide, a secondary air pollutant
"Notice of Availability/Notice of Completion ("NOA/NOC")"	A notice that the Draft SSEIR is completed and available for public review and comment
"Notice of Preparation ("NOP")"	A notice under CEQA that the lead agency has decided to prepare an EIR or SEIR and is soliciting comments from responsible and other agencies
"NO <sub>x</sub> "	Nitrogen Oxides (federal and State criteria air pollutant), an Ozone precursor
"NPDES"	National Pollution Discharge Elimination System
"O <sub>2</sub> "	Oxygen
"O <sub>3</sub> "	Ozone, a secondary air pollutant
"OCCOG"	Orange County Council of Governments
"OCFA"	Orange County Fire Authority
"OCFCD"	Orange County Flood Control District
"OCGP Master Plan"	The Orange County Great Park Master Plan, first adopted in 2007 via Addendum 4, and revised in 2011 via Addendum 8
"OCGPRP"	The Orange County Great Park Redevelopment Plan, approved by the City on May 18, 2006
"OCHCA"	Orange County Health Care Agency
"OCPL"	Orange County Public Library
"OCTA"	Orange County Transportation Authority
"OCWD"	Orange County Water District
"OCWR"	Orange County Waste & Recycling, a governmental agency that operates and regulates the local Orange County landfills
OSHA	Occupational Safety and Health Administration
"PA"	Planning Area, a land designation for areas within Irvine
"PA"	Public Address system
"Pb"	Lead (federal and State criteria air pollutant)
"PCB"	Polychlorinated Biphenyls

## List of Defined Terms and Abbreviations

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<b>NAME OR ABBREVIATION</b>	<b>TERM OR DEFINITION</b>
"PDF"	Project Design Feature. Features or components that are specifically intended and designed to reduce or avoid one or more significant environmental impact
"PFCs"	Perfluorocarbons, a category of greenhouse gases
"PM <sub>10</sub> "	Coarse Inhalable Particulate Matter (federal and State criteria air pollutant)
"PM <sub>2.5</sub> "	Fine Inhalable Particulate Matter (federal and State criteria air pollutant)
"ppb"	Parts per billion, a measure of air pollutants
"ppm"	Parts per million, a measure of air pollutants
"PPPs"	Plans, Programs, and Policies. Measures, including existing regulatory requirements or plans and programs that are applicable to the 2011 Approved Project, 2012 Modified Project, and that are assumed in any impacts analysis as helping to reduce the level of any impacts prior to the implementation of any needed mitigation
"PPV"	peak particle velocity
"PSHA"	Pipeline safety hazard assessment
"psig"	pounds per square inch
"PVC"	polyvinyl chloride
"RCNM"	Roadway Construction Noise Model
"RCP"	Regional Comprehensive Plan, a major advisory plan prepared by SCAG that addresses important regional issues such as housing, traffic/transportation, water and air quality
"RCRA"	Resource Conservation and Recovery Act
"Redevelopment Agency"	The former Redevelopment Agency of the City
"REMEL"	Reference Energy Mean Emission Level
"RHNA"	Regional Housing Needs Assessment
"RMS"	Root mean square
"ROD"	Record of Decision
"RPS"	Renewable Portfolio Standard
"RTP"	Regional Transportation Plan, a regional transportation investment framework prepared by SCAG to address the region's transportation and related challenges
"RUWMP"	Regional Urban Water Management Plan
"RWQCB"	Regional Water Quality Control Board
"SAMP"	Sub-Area Master Plan
"SARWQCB"	California Regional Water Quality Control Board, Region 8, Santa Ana
"SB"	"Senate Bill"
"SCAG"	Southern California Association of Governments
"SCAQMD"	South Coast Air Quality Management District
"SCE"	Southern California Edison
"SCGC"	Southern California Gas Company
"SCRRA"	Southern California Regional Rail Authority
"SCS"	Sustainable Communities Strategy, an advisory land use plan to be adopted by MPOs pursuant to SB 375 as part of their next RTP
"SEMS"	Standardized emergency management system
"SF <sub>6</sub> "	Sulfur Hexafluoride
"SIP"	California State Implementation Plan (air quality)
"SO <sub>2</sub> "	Sulfur Dioxide (federal and State criteria air pollutant)
"SO <sub>4</sub> "	Sulfates
"SoCAB"	Southern California Air Basin
"SO <sub>x</sub> "	Sulfur Oxides

## *List of Defined Terms and Abbreviations*

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<b>NAME OR ABBREVIATION</b>	<b>TERM OR DEFINITION</b>
"SP"	Service Population, a population measure (including residents, employees and, in the SEIR, adult students) used to determine the efficiency metric used as a GHG significance threshold under the SCAQMD's draft methodology
"sq. ft."	Square feet
"SR-133"	State Route 133
"SR-241"	State Route 241
"SRA"	Source Receptor Area
"SROs"	School Resource Officers
"SUSMP"	Standard Urban Water Management Plan
"SVUSD"	Saddleback Valley Unified School District
"SWP"	State Water Project
"SWPPP"	Storm Water Pollution Prevention Plan
"SWRCB"	State Water Resources Control Board
"TAC"	Toxic Air Contaminant (as defined in the California Health and Safety Code, including HAPs)
"TAZs"	Traffic Analysis Zones
"TCE"	Trichloroethylene
"TFA"	Truck Fueling Area
"TMDL"	Total Maximum Daily Load
"TOD"	Transit Oriented District
"tpd"	Tons per day
"TTM"	Tentative Tract Map
"TTOD"	Trails and Transit Oriented Development
"UFO"	Urban Forestry Ordinance
"USDOE"	United States Department of Energy
"USEPA"	United States Environmental Protection Agency
"USFWS"	United States Fish and Wildlife Service
"UST"	Underground Storage Tank
"UWMP"	Urban Water Management Plan
"V/C"	Volume to Capacity
VCP	Vitrified clay pipes
"VMT"	Vehicle miles traveled
"VOC"	Volatile Organic Compound (federal and State criteria air pollutant), an ozone precursor
"VTPM"	Vesting Tentative Parcel Map
"VTTM"	Vesting Tentative Tract Map
"WQMP"	Water Quality Management Plan
"WRMP"	Water Resources Management Plan
"WSA"	Water Supply Assessment (per SB610)
"WTE"	Waste-to-energy
"ZC"	Zone Change
"Zoning Ordinance"	City of Irvine Zoning Ordinance

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