

4.0 ENVIRONMENTAL IMPACT ANALYSIS

The purpose of this section is to inform decision makers and the public of the type and magnitude of the changes to the existing environment that would result both from the proposed Project alone, and from the proposed Project plus proposed and approved cumulative development in the District, as well as the City. This section provides a detailed discussion of the environmental setting for each topic addressed in this Draft Environmental Impact Report (EIR), the analysis of the potential impacts of the proposed Project, potential cumulative impacts, and other measures identified to mitigate these impacts.

ENVIRONMENTAL IMPACT ANALYSIS

A Notice of Preparation (NOP) was prepared and circulated for the proposed Project on November 1, 2017, and is incorporated by reference as part of this EIR (attached as **Appendix A**). Based on the findings of the NOP, the District determined that an EIR is required for the proposed Project. Agency and public input received during the NOP comment period and the public scoping meeting was used to determine the scope of the evaluation for the EIR.

The environmental issues considered in this EIR are as follows:

- Aesthetics
- Air Quality
- Biological Resources
- Cultural and Tribal Cultural Resources
- Energy Conservation
- Geology and Soils
- Greenhouse Gas Emissions
- Hazards and Hazardous Materials
- Hydrology and Water Quality
- Land Use and Planning
- Noise
- Population and Housing
- Transportation and Traffic

SPECIAL REQUIREMENTS UNDER THE STATE SCHOOL FACILITY PROGRAM

In addition to the environmental checklist provided by Appendix G of the State CEQA Guidelines, projects involving primary and secondary public schools have additional requirements established by the California Education Code (Cal. Ed. Code), California Code of Regulations (CCR), and the Public Resources Code (PRC), as shown in **Table 4.0-1: Environmental Review Factors for State-Funded New School and State-Funded Addition to Existing School**. These requirements vary, depending on type of school project and whether State funds are involved.

**Table 4.0-1
Environmental Review Factors for State-Funded New School
and State-Funded Addition to Existing School**

Topic	Applicable Code	Environmental Checklist
<i>Air Quality</i>		
Is the boundary of the proposed school site within 500 feet of the edge of the closest traffic lane of a freeway or busy traffic corridor? If yes, would the project create an air quality health risk due to the placement of the School?	PRC §21151.8(a)(1)(D); Cal. Ed. Code §17213(c)(2)(C)	Section 4.2: Air Quality
<i>Geology and Soils</i>		
Does the site contain an active earthquake fault or fault trace, or is the site located within the boundaries of any special studies zone or within an area designated as geologically hazardous in the safety element of the local general plan?	Cal. Ed. Code §17212; 5 CCR §14010(f)	Section 6.1: Effects Not Found to Be Significant
Would the project involve the construction, reconstruction, or relocation of any school building on the trace of a geological fault along which surface rupture can reasonably be expected to occur within the life of the school building?	Cal. Ed. Code §17212; 5 CCR §14010(f)	Section 6.1: Effects Not Found to Be Significant
Would the project involve the construction, reconstruction, or relocation of any school building on a site subject to moderate-to-high liquefaction?	5 CCR §14010(i)	Section 4.6: Geology and Soils
Would the project involve the construction, reconstruction, or relocation of any school building on a site subject to landslides?	5 CCR 5 §14010(i)	Section 6.1: Effects Not Found to Be Significant
<i>Hazards and Hazardous Materials</i>		
Does the proposed school site contain one or more pipelines, situated underground or aboveground, which carry hazardous substances, acutely hazardous materials, or hazardous wastes, unless the pipeline is a natural gas line that is used only to supply natural gas to that school or neighborhood?	PRC §21151.8(a)(1)(C)	Section 6.1: Effects Not Found to Be Significant
Is the proposed school site located near an aboveground water or fuel storage tank or within 1,500 feet of an easement of an aboveground or underground pipeline that can pose a safety hazard to the site?	5 CCR §14010(h)	Section 4.8: Hazards and Hazardous Materials
Would the project create an air quality hazard due to the placement of a school within one-quarter mile of: (a) permitted and nonpermitted facilities identified by the jurisdictional air quality control board or air pollution control district; (b) freeways and other busy traffic corridors; (c) large agricultural operations; and/or (d) a rail yard, which might reasonably be anticipated to emit hazardous air emissions, or handle hazardous or acutely hazardous material, substances, or waste?	PRC §21151.8(a)(2); Cal Ed. Code §17213(b)	Section 4.8: Hazards and Hazardous Materials

Topic	Applicable Code	Environmental Checklist
Is the school site in an area designated in a city, county, or city and county general plan for agricultural use and zoned for agricultural production, and if so, do neighboring agricultural uses have the potential to result in any public health and safety issues that may affect the pupils and employees at the school site? <i>(Does not apply to school sites approved by CDE prior to January 1, 1997.)</i>	Cal. Ed. Code §17215.5(a)	Section 6.1: Effects Not Found to Be Significant
Is the property line of the proposed school site less than the following distances from the edge of respective power line easements: (1) 100 feet of a 50–133 kV line; (2) 150 feet of a 220–230 kV line; or (3) 350 feet of a 500–550 kV line?	5 CCR §14010(c)	Section 4.8: Hazards and Hazardous Materials
Does the project site contain a current or former hazardous waste disposal site or solid waste disposal site and, if so, have the wastes been removed?	PRC §21151.8(a)(1)(A)	Section 4.8: Hazards and Hazardous Materials
Is the project site a hazardous substance release site identified by the state Department of Health Services in a current list adopted pursuant to §25356 for removal or remedial action pursuant to Chapter 6.8 of Division 20 of the Health and Safety Code?	PRC §21151.8(a)(1)(B)	Section 4.8: Hazards and Hazardous Materials
If prepared, has the risk assessment been performed with a focus on children’s health posed by a hazardous materials release or threatened release, or the presence of naturally occurring hazardous materials on the school site?	Cal. Ed. Code §17210.1(a)(3)	Section 4.8: Hazards and Hazardous Materials
If a response action is necessary and proposed as part of this project, has it been developed to be protective of children’s health, with an ample margin of safety?	Cal. Ed. Code §17210.1(a)(4)	Section 4.8: Hazards and Hazardous Materials
Is the proposed school site situated within 2,000 feet of a significant disposal of hazardous waste?	5 CCR §14010(t)	Section 4.8: Hazards and Hazardous Materials
Is the proposed school site within two miles, measured by air line, of that point on an airport runway or potential runway included in an airport master plan that is nearest to the site? <i>(Does not apply to school sites acquired prior to January 1, 1966.)</i>	Cal. Ed. Code §17215(a)&(b)	Section 6.1: Effects Not Found to Be Significant
Hydrology and Water Quality		
Is the project site subject to flooding or dam inundation?	Cal. Ed. Code §17212; 5 CCR §14010(g)	Section 4.9: Hydrology and Water Quality
Land Use and Planning		
Would the proposed school conflict with any existing or proposed land uses, such that a potential health or safety risk to students would be created?	5 CCR §14010(m)	Section 4.10: Land Use and Planning
Noise		

Topic	Applicable Code	Environmental Checklist
Is the proposed school site located adjacent to or near a major arterial roadway or freeway whose noise generation may adversely affect the educational program?	5 CCR §14010 (e)	Section 4.11: Noise
Public Services		
Does the site promote joint use of parks, libraries, museums, and other public services?	5 CCR §14010(o)	Section 6.1: Effects Not Found to Be Significant
Traffic and Transportation		
Are traffic and pedestrian hazards mitigated per Caltrans' <i>School Area Pedestrian Safety</i> manual?	5 CCR §14010(l)	Section 4.13: Traffic and Transportation
Is the site easily accessible from arterials and is the minimum peripheral visibility maintained for driveways per Caltrans' <i>Highway Design Manual</i> ?	5 CCR §14010(k)	Section 4.13: Traffic and Transportation
Is the proposed school site within 1,500 feet of a railroad track easement?	5 CCR §14010(d)	Section 4.13: Traffic and Transportation