CHAPTER 1
Introduction

1.1 Purpose of the Initial Study

Long Beach Unified School District (the District) proposes to construct an Early College Academic and Technical School (Proposed Project) on an existing school site currently serving as the Cecil B. DeMille Middle School, located at 7025 East Parkcrest Street in Long Beach (project site). The Proposed Project would result in the demolition of existing school buildings and facilities associated with Cecil B. DeMille Middle School, and construction of a new high school that would provide approximately 150,000 square feet (sf) of new space to accommodate approximately 1,200 students in grades 9 through 12. The District estimates that the school will open for students in the fall 2012 school year.

The California Environmental Quality Act (CEQA), codified in the Public Resources Code, Section 21000 et seq., and the *CEQA Guidelines*, Title 14, Section 15000 et seq. of the California Code of Regulations were established to require public agencies to consider and disclose the environmental implications of their actions. As provided by Public Resources Code Section 21067, the public agency with the principal responsibility for approving a project that may have a significant effect upon the environment is considered the Lead Agency. The District is the Lead Agency for the Proposed Project, with the principal responsibility of conducting the CEQA environmental review. The Lead Agency has developed this Initial Study for the Proposed Project in accordance with *CEQA Guidelines* Section 15063, to identify potential environmental effects of implementation. As the Initial Study provides no substantial evidence that the Proposed Project will have a significant effect and that potential impacts are less than significant, the Lead Agency proposes to adopt a Mitigated Negative Declaration (MND) per the *CEQA Guidelines*, Sections 15070 et seq.

1.2 Availability of the Initial Study

The District, as the Lead Agency, needs to know your views regarding the scope and content of this Initial Study/MND. Your response must be received in writing no later than 30 days after issuance of this notice (November 20, 2009). Please send your comments to:

Edith Martinez, Facilities Project Manager
Long Beach Unified School District
2425 Webster Avenue
Long Beach, CA 90017

Your comments may also be sent by fascimile to Edith Martinez at (562) 595-8644 or by e-mail to Edith Martinez at ECMartinez@lbusd.k12.ca.us. Agency responses to this notice should include the name of the Proposed Project "ECATS" and the contact person representing the commenting agency.

1.3 Anticipated Permits and Approvals

A public agency, other than the Lead Agency, that has discretionary approval power over a project is referred to under the *CEQA Guidelines* as a "Responsible Agency." The Responsible Agencies and their corresponding approvals for this project include:

State of California

- Department of Toxic Substances Control (Determination of "No Further Action")
- Department of Education
  - School Facilities Planning Division (Approval of Preliminary and Final Site Plan)
- Department of General Services
  - Office of Public School Construction (Approval of Funding)
  - Division of the State Architect (Approval of Fire Life Safety, Structural, and Access Compliance)
- Department of Conservation
  - California Geologic Survey (Final Geotechnical Investigation)

Regional Agencies

- State Water Resource Control Board (Issuance of Construction Stormwater Run-Off Permit)
- Health Department (Approval for Food Service Facilities)

City of Long Beach

- Fire Department (Approval of Site Plan for Emergency Access)

The District will coordinate with the City of Long Beach Water Department to relocate a water line at the campus.

1.4 Summary of Impacts and Mitigation Measures

The following pages contain **Table 1-1**, Summary of Impacts and Mitigation Measures, which presents a summary of the potential environmental effects of the Proposed Project and, as needed, the mitigation measures proposed to reduce those effects to less than significant impacts. The potential environmental impacts of the Proposed Project are provided, along with the mitigation measures proposed to minimize the impacts, and the level of significance post mitigation, as provided by Chapter 4, *Initial Study Checklist*.

TABLE 1-1
SUMMARY OF IMPACTS AND MITIGATION MEASURES

Environmental Issue Area	Mitigation Measure(s)	Proposed Project Impact (after mitigation if required)
A. AESTHETICS. Would the project:		
a) Have a substantial adverse effect on a scenic vista?	None required	No Impact
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	None required	Less than Significant
c) Substantially degrade the existing visual character or quality of the site and its surroundings?	None required	Less than Significant
d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	None required	Less than Significant
B. AGRICULTURAL AND FOREST RESOURCES. In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment project; and the forest carbon measurement methodology provided in the Forest Protocols adopted by the California Air Resources Board. Would the project:		
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	None required	No Impact
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?	None required	No Impact
c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)) or timberland (as defined in Public Resources Code section 4526)?	None required	No Impact
d) Result in loss of forest land or conversion of forest land to non-forest use?	None required	No Impact
e) Involve other changes in the existing environment, which due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?	None required	No Impact
C. AIR QUALITY. Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:		
a) Conflict with or obstruct implementation of the applicable Air Quality Management Attainment Plan?	None required	Less than Significant
b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?	**Mitigation Measure AIR-1:** *Construction Emissions.* • Implement Rule 403 for each on-site source of dust. Prepare daily records of control actions, implementation and maintain recordkeeping on site for the duration of the project and then give the records to the owner to store for three years.	Less than Significant

Environmental Issue Area	Mitigation Measure(s)	Proposed Project Impact (after mitigation if required)
	• Apply dust suppressants (e.g., polymer emulsion) to actively disturbed areas upon completion of clearing and grading. • Replace ground cover in disturbed areas as quickly as possible. • Water disturbed sites three times daily (locations where grading is to occur will be thoroughly watered prior to earth moving). • All trucks hauling dirt, sand, soil, or other loose materials are to be tarped with a fabric cover and maintain a freeboard height of 12 inches. • Traffic speeds on all unpaved roads shall be reduced to 15 mph or less. • During construction, trucks and vehicles in loading and unloading queues would turn their engines off when not in use to reduce vehicle emissions; all construction vehicles shall be prohibited from idling in excess of five minutes, both on- and off-site. • Construction emissions will be scheduled to avoid emissions peaks and discontinued during second-stage smog alerts. • Maintain and operate construction equipment to minimize exhaust emissions; all construction equipment shall be properly tuned and maintained in accordance with manufacturer's specifications. • At the end of each workday, the disturbed area(s) shall either be covered with plastic sheeting or sprayed with water containing an approved chemical dust suppressant (see SCAQMD Rule 403 approved list) to prevent fugitive dust.	
c) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions that exceed quantitative thresholds for ozone precursors)?	Implement **Mitigation Measure AIR-1**.	Less than Significant
d) Create or contribute to a non-stationary source "hotspot" (primarily carbon monoxide)?	None required	Less than Significant
e) Expose sensitive receptors to substantial pollutant concentrations?	None required	Less than Significant

Environmental Issue Area	Mitigation Measure(s)	Proposed Project Impact (after mitigation if required)
f) Create objectionable odors affecting a substantial number of people?	**Mitigation Measure AIR-2:** The District shall implement SCAQMD Rule 402. **Mitigation Measure AIR-3:** The District shall implement SCAQMD Best Available Control Guidelines (BACT) to limit potential objectionable odor impacts during the operation of the Proposed Project.	Less than Significant
D. BIOLOGICAL RESOURCES. Would the project:		
a) Adversely impact, either directly or indirectly or through habitat modifications, any endangered threatened or rare species as listed in Title 14 of the California Code of Regulations (Section 670.2 or 670.5) or in Title 50 of the Code of Federal Regulations (Section 17.11 or 17.12)?	None required	No Impact
b) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or US Fish and Wildlife Service?	**Mitigation Measure BIO-1:** *Nesting Birds and Raptors.* 1. Conduct brush removal, tree trimming/removal, building demolition, or grading activities outside of the nesting season. The California Department of Fish and Game has defined the nesting season as February 1 through August 15. If other timing restrictions make it impossible to avoid the nesting season, the construction areas should be surveyed for nesting birds and active nests should be avoided. . 2. To avoid impacts to native nesting birds protected by the Migratory Bird Treaty Act (MBTA) or the California Fish and Game Code, the applicant and/or its contractors shall retain a qualified biologist to conduct nest surveys in potential nesting habitat within the project site prior to construction or site preparation activities. Specifically, within 30 days of ground disturbance activities associated with construction or grading, a qualified biologist shall conduct two breeding bird surveys with the last survey being conducted no more than five days prior to initiation of clearance or construction work. Surveys shall include all areas within the construction zone and within 250 feet, where access is available. If ground disturbance activities are delayed, additional pre-construction surveys will be conducted such that no more than five days will have elapsed between the last survey and the commencement of ground disturbance activities. 3. If active nests are found, a 300-foot buffer for breeding song birds and a 500-foot buffer for breeding raptors or an active raptor nest shall be established around the tree, and all demolition, site clearance and construction activities within these buffers shall be postponed or halted until the	Less than Significant

Environmental Issue Area	Mitigation Measure(s)	Proposed Project Impact (after mitigation if required)
	nest is vacated and juveniles have fledged, as determined by the biologist, and there is no evidence of a second attempt at nesting during the same year. 4. Limits of construction to avoid an active nest shall be established in the field with flagging, fencing, or other appropriate barriers; and construction personnel shall be instructed on the sensitivity of nest areas. The biologist shall serve as a construction monitor during those periods when construction activities will occur near active nest areas to ensure that no inadvertent impacts to these nests will occur.	
c) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations or by the California Department of Fish and Game or US Fish and Wildlife Service?	None required	No Impact
d) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	None required	No Impact
e) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	None required	Less than Significant
f) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance or require the removal or relocation of oak trees with a diameter of 8 inches or more measured at 4.5 feet above ground at the base of the tree?	**Mitigation Measure BIO-2:** *Protected Oak Trees.* 1. A plan shall be developed for protecting the oak tree located on the project site during and after demolition and, construction activities, and operation of the Proposed Project. This plan shall be approved by a qualified biologist. 2. Prior to construction activities, temporary protective chain link fencing shall be placed to demarcate the protected zone of the oak tree located on the project site. The protective zone is defined as the area located within 15 feet from the trunk of the oak tree or 5 feet from the tree's canopy, whichever distance is greater. A certified arborist shall verify that fencing is installed prior to initiation of construction activities. 3. To avoid damaging the oak tree's roots, a certified arborist shall be present during all excavation, grading or trenching that would occur within the protected zone of the oak tree. Trenching within the protected zone shall be achieved with hand tools only. No roots greater than two inches in diameter shall be cut. Any major roots encountered shall be conserved and treated as recommended by a certified arborist.	Less than Significant

Environmental Issue Area	Mitigation Measure(s)	Proposed Project Impact (after mitigation if required)
	4. Care must be taken to limit grade changes near the oak tree. Grade changes can lead to plant stress from oxygen deprivation or oak root fungus at the root collar of oaks. Minor grade changes further from the trunk are not as critical, but can negatively affect the health of the tree if not carefully monitored by a certified arborist. The grade shall not be lowered or raised within the protected zone of the oak tree. 5. No storage of equipment, supplies, vehicles or debris shall be permitted within the protected zone of the oak tree. 6. No dumping of construction wastewater, paint, stucco, concrete, or any other clean-up waste shall occur within the protected zone of the oak tree. 7. No temporary structures shall be placed within the protected zone of the oak tree. 8. Pruning of the oak tree may include the removal of dead wood, stubs, and medium pruning of branches two inches in diameter or less, and shall be in accordance with the guidelines published by the National Arborist Association. In no case shall more than 20 percent of the tree canopy of the oak tree be removed. Cuts over two inches in diameter shall be verified and monitored by a certified arborist. 9. Irrigation water shall not reach within the protected zone of the oak tree. 10. Grass or ground covers shall not be planted within the protected zone of the oak tree.	
g) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	None required	No Impact
E. **CULTURAL** RESOURCES. Would the project:		
a) Cause a substantial adverse change in the significance of a historical resource as defined in §15064.5	None required	No Impact
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?	**Mitigation Measure CUL-1:** *Cultural Resources.* Any accidental discovery of cultural resources during construction shall be evaluated by a qualified archaeologist. If the find is determined to be potentially significant, the archaeologist, in consultation with the District's Facilities Development and Planning Branch and appropriate Native American group(s), shall develop a treatment plan. All work in the immediate vicinity of the unanticipated discovery shall cease until the qualified archaeologist has evaluated the discovery, or the treatment plan has been implemented.	Less than Significant

Environmental Issue Area	Mitigation Measure(s)	Proposed Project Impact (after mitigation if required)
c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	**Mitigation Measure CUL-2:** *Paleontological Resources.* If paleontological resources are encountered during the course of construction and monitoring, the District's Facilities Development and Planning Branch shall halt or divert work and notify a qualified paleontologist who shall document the discovery as needed, evaluate the potential resource, assess the significance of the find, and develop an appropriate treatment plan in consultation with the District's Development and Planning Branch.	Less than Significant
d) Disturb any human remains, including those interred outside of formal cemeteries?	**Mitigation Measure CUL-3:** If human remains are encountered unexpectedly during construction excavation and grading activities, State Health and Safety Code Section 7050.5 requires that no further disturbance shall occur until the County Coroner has made the necessary findings as to origin and disposition pursuant to PRC Section 5097.98. If the remains are determined to be of Native American descent, the coroner has 24 hours to notify the Native American Heritage Commission. The NAHC will then identify the person(s) thought to be the Most Likely Descendent of the deceased Native American, who will then help determine what course of action should be taken in dealing with the remains.	Less than Significant
F. GEOLOGY **AND** SOILS. Would the project:		
a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:		
(i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	None required	Less than Significant
(ii) Strong seismic ground shaking?	**Mitigation Measure GEO-1:** The Proposed Project shall comply with geologic and seismic design parameters as found in the *Report of Final Geotechnical Investigation* for the Proposed Project, completed by ASE, Inc., August 10, 2009. These parameters include but are not limited to: • Requirements for site preparation; • Requirements for site grading; • Foundation design; and • Expansive soils.	Less than Significant
(iii) Seismic-related ground failure, including liquefaction?	Implement **Mitigation Measure GEO-1**.	Less than Significant
(iv) Landslides?	None required	Less than Significant

Environmental Issue Area	Mitigation Measure(s)	Proposed Project Impact (after mitigation if required)
b) Result in substantial soil erosion or the loss of topsoil?	None required	Less than Significant
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on-or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	Implement **Mitigation Measure GEO-1**.	Less than Significant
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?	Implement **Mitigation Measure GEO-1**.	Less than Significant
e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?	None required	Less than Significant
G. GREENHOUSE GASES. Would the project:		
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment, based on any applicable threshold of significance?	None required	Less than Significant
b) Conflict with any applicable plan, policy or regulation of an agency adopted for the purpose of reducing the emissions of greenhouse gases?	None required	Less than Significant
H. HAZARDS/HAZARDOUS MATERIALS. Would the project:		
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	None required	Less than Significant
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset or accident conditions involving the release of hazardous materials into the environment?	**Mitigation Measure HAZ-1:** To mitigate impacts related to the accidental release of LBP and ACM, the following shall be implemented during construction/demolition activities: • Prior to the demolition work and grading at the project site, a licensed asbestos abatement removal contractor shall remove any identified Asbestos Containing Materials. • Prior to the demolition work and grading at the project site, a licensed lead abatement removal contractor shall remove any identified Lead Based Paint. • If during construction of the project, soil contamination is suspected, construction in the area shall stop, and the District's Facilities Development and Planning Branch shall be contacted to implement and oversee appropriate health and safety procedures and any required investigation and/or remediation in compliance with applicable laws and regulations. • Potentially hazardous materials such as asbestos-containing materials and lead-based paint shall be transported and disposed of off-site, in accordance with applicable laws and regulations. Disposal shall occur in a facility approved to dispose of such waste.	Less than Significant

Environmental Issue Area		Mitigation Measure(s)	Proposed Project Impact (after mitigation if required)
		• The District's Facilities Development and Planning Branch shall ensure that its contractor follows the provisions of CCR, Title 8, Sections 5163 through 5167 for General Industry Safety Orders to protect the project area from being contaminated by the accidental release of any hazardous materials and/or wastes. • The District's Facilities Development and Planning Branch shall contact the local fire agency and the County Department of Environmental Health for any site-specific requirements regarding hazardous materials or hazardous waste containment or handling. **Mitigation Measure HAZ-2:** The following shall be implemented to mitigate impacts related to the accidental release of mercury, and other miscellaneous hazardous materials indentified in the Hazardous Materials Survey Report of Cecil B. DeMille Middle School, prepared by ATC Associates Inc. on December 30, 2008: • The construction contractor shall remove all items identified and listed in the Hazardous Materials Survey (see Appendix F) as part of the pre-demolition activities in accordance with applicable federal, state and local regulations. • A District consultant shall perform a follow-up inspection of the school facility prior to demolition to confirm the hazardous items have been removed before commencing demolition activities.	
c)	Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	None required	Less than Significant
d)	Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	None required	Less than Significant
e)	For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?	None required	No Impact
f)	For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?	None required	No Impact
g)	Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	None required	Less than Significant
h)	Expose people or structures to a significant risk of loss, injury, or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?	None required	No Impact

Environmental Issue Area	Mitigation Measure(s)	Proposed Project Impact (after mitigation if required)
i) Be located on a site that is (a) a current of former hazardous waste disposal site or solid waste disposal site and, if so, has the waste been removed; (b) a hazardous substance release site identified by the State Department of Health Services in a current list adopted pursuant to Section 25356 of Division 20 of the Health and Safety Code; or (c) a site that contains one or more pipelines, situated underground or above ground, which carries hazardous substances, acutely hazardous materials or hazardous wastes, unless the pipeline is a natural gas line which is used only to supply natural gas to that school or neighborhood?	None required	Less than Significant
j) Be located within one-fourth mile of any facilities, which might be reasonably anticipated to emit hazardous or acutely hazardous materials, substances or waste?	None required	Less than Significant
k) Be located on a site where the property line less than the following distance from the edge of respective power line easement: 100 feet of a 50-133 kV line, or 150 feet of a 220-230 kV line, or 350 feet of a 500-550 kV line?	None required	Less than Significant
l) Be located on a site that is within 1,500 feet of a railroad track easement?	None required	Less than Significant
m) Be located on a site that is near a reservoir, water storage tanks or high-pressure water lines?	None required	No Impact
n) Be located within 1,500 feet of a pipeline that may pose a safety hazard?	None required	Less than Significant
o) Be located on a site that contains, or is near, propane tanks that can pose a safety hazard?	None required	No Impact
p) Be located on a site that does not have a proportionate length to width ratio to accommodate the building layout, parking and play fields that can be safely supervised?	None required	Less than Significant
q) Be located on a site where the existing or proposed zoning of the surrounding properties is incompatible with schools and may pose a health or safety risk to students?	None required	Less than Significant
r) Be located on a site that is within 2,000 feet of a significant disposal of hazardous waste?	None required	No Impact
I. HYDROLOGY AND WATER QUALITY. Would the project:		
a) Violate any water quality standards or waste discharge requirements?	None required	Less than Significant
b) Substantially deplete groundwater supplies or interfere with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?	None required	No Impact
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on-or off-site?	None required	Less than Significant
d) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner that would result in flooding on- or off-site?	None required	Less than Significant

Environmental Issue Area	Mitigation Measure(s)	Proposed Project Impact (after mitigation if required)
e) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?	None required	Less than Significant
f) Otherwise substantially degrade water quality?	None required	Less than Significant
g) Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?	None required	No Impact
h) Place within a 100-year flood hazard area structures that would impede or redirect flood flows?	None required	No Impact
i) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?	None required	Less than Significant
j) Be subject to inundation by seiche, tsunami, or mudflow?	None required	Less than Significant
J. LAND USE AND PLANNING. Would the project:		
a) Physically divide an established community?	None required	No Impact
b) Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?	None required	No Impact
c) Conflict with any applicable habitat conservation plan or natural community conservation plan?	None required	No Impact
K. MINERAL RESOURCES. Would the project:		
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	None required	No Impact
b) Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	None required	No Impact
L. NOISE. Would the project result in:		
a) Result in exposure of persons to, or generation of, noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	**Mitigation Measure NOI-1:** To reduce daytime noise impacts due to construction, the District's Facilities Development and Planning Branch shall require construction contractors to implement the following measures: 1. Construction shall be limited to the hours of 7 AM and 7 PM on weekdays and federal holidays, between the hours of 9 AM and 6 PM on Saturdays, with no construction allowed on Sundays as established by the City of Long Beach Municipal Code (Section 8.80.202). 2. A noise disturbance coordinator shall be identified. The noise disturbance coordinator shall be responsible for responding to any local complaints about construction noise. The noise disturbance coordinator would determine	Less than Significant

Environmental Issue Area	Mitigation Measure(s)	Proposed Project Impact (after mitigation if required)
	the cause of the noise complaint (e.g., starting too early, bad mufflers, etc.) and would be required to resolve the noise complaints. All notices sent to adjacent land uses within 300 feet of the construction site and all signs posted at the construction site shall list the telephone number and e-mail address for the noise disturbance coordinator. 3. During construction, the contractor shall outfit all equipment, fixed or mobile, with properly operating and maintained exhaust and intake mufflers, consistent with manufacturers' standards. 4. Construction will not occur during academic test periods. 5. Impact tools (e.g., jack hammers, pavement breakers, and rock drills) used for construction shall be hydraulically or electrically powered wherever possible to avoid noise associated with compressed air exhaust from pneumatically powered tools. Where use of pneumatic tools is unavoidable, an exhaust muffler on the compressed air exhaust shall be used. External jackets on the tools themselves shall be used where feasible. Quieter procedures, such as use of drills rather than impact tools, shall be used whenever feasible.	
b) Exposure of persons to or generation of excessive ground borne vibration or ground borne noise levels?	None required	Less than Significant
c) Result in a substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?	None required	Less than Significant
d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?	Implement **Mitigation Measure NOI-1**	
e) If a project is located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, or within the vicinity of a private airstrip would the project expose people residing or working in the project area to excessive noise levels?	None required	No Impact
M. POPULATION AND HOUSING. Would the project:		
a) Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	None required	No Impact
b) Displace substantial numbers of existing housing or people, necessitating the construction of replacement housing elsewhere?	None required	No Impact
c) Displace substantial numbers of businesses or jobs necessitating the construction of replacement businesses elsewhere and/or creating longer travel distances for patrons and/or employees?	None required	No Impact

Environmental Issue Area	Mitigation Measure(s)	Proposed Project Impact (after mitigation if required)
N. Public SERVICES. Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:		
a. Fire protection?	None required	No Impact
b. Police protection?	None required	No Impact
c. Schools?	None required	No Impact
d. Other public facilities (e.g., libraries, childcare, teen or senior centers)?	None required	No Impact
O. RECREATION AND PARKS. Would the project:		
a) Increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	None required	No Impact
b) Include recreational facilities or require the construction or expansion of recreational facilities that might have an adverse physical effect on the environment?	None required	No Impact
P. TRANSPORTATION/TRAFFIC. Would the project:		
a) Cause an increase in traffic that is substantial in relation to the existing traffic load and capacity of the street system (i.e., result in a substantial increase in either the number of vehicle trips, the volume to capacity ratio on roads, or congestion at intersections)?	None required	Less than Significant
b) Exceed, either individually or cumulatively, a level of service standard established by the county congestion management agency for designated roads or highways?	None required	Less than Significant
c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?	None required	No Impact
d) Substantially increase hazards due to a design feature (e.g. sharp curves or dangerous intersections) or incompatible uses (e.g. farm equipment)?	None required	Less than Significant
e) Result in inadequate emergency access?	None required	Less than Significant
f) Result in inadequate parking capacity?	None required	Less than Significant
g) Conflict with adopted policies, plans, or programs supporting alternative transportation (e.g., bus turnouts, bicycle racks)?	None required	Less than Significant
Q. UTILITIES AND SERVICE SYSTEMS. Would the project:		
a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?	None required	No Impact
b) Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	None required	No Impact

Environmental Issue Area	Mitigation Measure(s)	Proposed Project Impact (after mitigation if required)
c) Require or result in the construction of new stormwater drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	None required	No Impact
d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?	None required	No Impact
e) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	None required	No Impact
f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?	None required	Less than Significant
g) Comply with federal, state, and local statutes and regulations related to solid waste?	None required	Less than Significant
R. MANDATORY FINDINGS OF SIGNIFICANCE. Does the project:		
a) Have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	Implement **Mitigation Measures BIO-1, CUL-1, CUL-2,** and **CUL-3**.	Less Than Significant
b) Have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?	Implement **Mitigation Measure AIR-1**.	Less Than Significant
c) Have environmental effects that will cause substantial adverse effects on human beings, either directly or indirectly?	Implement **Mitigation Measures GEO-1, HAZ-1, HAZ-2, HAZ-3, HAZ-4, NOI-1,** and **TRA-1**.	Less Than Significant