

1.0 Summary

1.1 Proponent and Project Location

1.1.1 Proponent

Seattle School District No. 1 is sponsoring the proposed Cleveland High School Project.

1.1.2 Project Location

Cleveland High School is located at 5511 15th Avenue S. on Beacon Hill in southeast Seattle, and is bounded on the east by 15th Avenue S. and on the north by S. Lucile St.

1.2 Relationship of CHS Project to Building Excellence II Program

The Building Excellence Capital Improvement Program is Seattle School District's capital facilities planning effort. Phase II of the Building Excellence Capital Improvement Program (Building Excellence Phase II) (BEX II) includes the modernization, preservation, or replacement of up to 24 school facilities. An EIS was completed for the Building Excellence Program as a whole, and a Supplemental EIS (SEIS) was completed for the Phase II portion of the Building Excellence Program. In the SEIS, general improvements to Seattle School District's schools were discussed and impacts were identified.

This SEIS discusses additional components of BEX II specific to Cleveland High School that were not discussed in the previous SEIS for BEX II, and identifies impacts associated with those components.

1.3 Summary of Site Specific Environmental Information

Table 1-1 presents a summary of environmental impacts identified in the BEX II Supplemental EIS (2000) and additional site-specific impacts identified in this SEIS. These impacts can be mitigated to a level of less than significant. The following components of the CHS Project were discussed in the BEX II SEIS:

- Renovation of exterior of the 1927 landmark structure
- Demolition of the shop/cafeteria and music/art single-story wings
- Removal of ten modular structures, including the aquaculture modular structure
- Construction of new classroom addition

Site-specific components of the Cleveland High School Project that are discussed in this SEIS include the following:

- Construction and placement of the classroom addition

- Demolition of the gymnasium and construction of a new gymnasium in the northeast corner of the project site; including removal of portions of the concrete retaining wall and fence along 15th Avenue S.

More details about the project are described in Chapter 2. Mitigation measures are listed in Table 1-2.

1.4 Elements of Environment Reviewed in this SEIS

Table 1-3 lists elements of the environment set forth in Chapter 25.05.044 of the Seattle Municipal Code. Those elements in Table 1-3 that are marked “reviewed” are discussed in this SEIS. Items marked “not reviewed” in Table 1-3 have impacts deemed insignificant for reasons briefly stated in the table.

**Table 1-1
Summary Comparison of Impacts Disclosed in BEX II EIS with Site-Specific Information**

Environmental Element	Impacts Previously Disclosed in BEX II EIS	Site-Specific Information on Proposed Project in this Supplemental EIS
Geology and Soils	No impacts disclosed.	No new or significantly different impacts have been identified.
Water	No impacts disclosed.	Detention facilities and roof drains would be provided for new buildings and hardscape.
Plants	Construction may occur near known environmental critical areas (majority are steep slopes).	On the upper portion of the site, a small amount of vegetation and 9 trees in poor condition that could potentially damage the landmark building would be removed. Selective tree thinning would occur to provide better views and increase safety.
Land Use	Facility upgrades would be made. Major on-site bulk and mass changes would occur. Designated Seattle City Landmark would be retained.	No new or significantly different impacts have been identified. Two Departures would be required: parking space requirement, and building height requirement.
Historic Resources	Preservation of historic structure.	No new or significantly different impacts have been identified.
Recreation	Gymnasium improvements may result in temporary impacts during construction. Recreational activities may be temporarily suspended or relocated during construction.	City and community use of the gymnasium would be interrupted on a short-term basis during construction, demolition, and renovation activities on the upper portion of the site.
Aesthetics and Urban Design	No impacts disclosed.	Views and pedestrian access would be more open; would be of gathering areas and modern, clean buildings.
Light, Glare and Shadows	Parking lot and security lighting may create light and glare impacts to adjacent residential areas.	Glare or glow would be present at night from glazing at entries and the upper portion of the north elevation of the gymnasium.
Traffic and Transportation	Truck trips due to demolition, removal of soils, and construction. Temporary street and sidewalk closures, construction worker/vehicle parking. Temporary relocation of students to other District facilities, resulting in temporary reduction in school-related traffic at the project site, offset by related increase in construction-related traffic. Displacement of traffic impacts from project site to alternative District site.	No impacts or decrease in level of service due to operation of the school and classrooms. Six additional on-site parking spaces would be provided. There would continue to be a deficit of parking spaces for gymnasium use according to the City zoning code for which a Departure would be pursued.

**Table 1-2
Summary of Mitigation Measures**

Element	Mitigation Measures During Construction	Mitigation Measures for Operation
Geology and Soils	<p>GEO-1 Temporary erosion and sediment control measures would be in place during construction and would reduce opportunities for erosion, in compliance with the Seattle Municipal Code (SMC) and the City of Seattle’s Best Management Practices guidelines for projects of this size. Best management practices would include geotextile barriers, straw barriers, controlled surface grading, sediment traps, storm drain inlet protection and equipment washing.</p> <p>GEO-2 Demolition processes and techniques will be used that minimize the potential for ground disturbance.</p> <p>GEO-3 Soil treatment could occur in order to use cut material as fill.</p>	None necessary.
Water	<p>WAT-2 During land disturbing activities, additions or replacement of impervious surface, temporary and permanent construction controls shall be used to mitigate impacts:</p> <ul style="list-style-type: none"> • Prevent on-site erosion by stabilizing temporarily-exposed soils. Methods could include seeding, mulching, matting, and covering. From October 1 to April 30, no soils shall remain unstabilized for more than two days. From May 1 to September 30, no soils shall remain unstabilized for more than seven days. • Before the completion of the project, the contractor will permanently stabilize all exposed soils that have been disturbed during construction. Methods such as permanent seeding, planting, and sodding may be specified by rules promulgated by the Director. • Prevent the transport of sediment from the site using appropriate methods which could include vegetated buffer strips, stormdrain inlet protection, silt fences, sediment traps, settling ponds, and protective berms. • During construction, prevent the introduction of pollutants in addition to sediment into stormwater, using appropriate methods such as operational source controls (e.g., spill control for fueling operations, equipment washing, cleaning of catch basins, treatment of contaminated soils, and proper storage and disposal of hazardous materials). • Limit construction vehicle access, whenever possible, to one route. Stabilize access points as specified in rules promulgated by the Director to minimize the tracking of sediment onto public roads. • Inspect and maintain required erosion and sediment controls as prescribed in rules promulgated by the Director to ensure continued performance of their intended function. • Prevent sediment from entering all storm drains, including ditches, which receive runoff from the disturbed area. 	<p>WAT-1 The drainage water discharge points will be selected according to rules promulgated jointly by the Directors of Seattle Public Utilities and the Department of Construction and Land Use, and will include criteria related to preservation of natural drainage patterns and the capacity of the drainage control system.</p>

**Table 1-2 (Continued)
Summary of Mitigation Measures**

Element	Mitigation Measures During Construction	Mitigation Measures for Operation
Plants	None necessary.	None necessary.
Land Use	None necessary.	None necessary.
Historic Resources	None necessary.	None necessary.
Recreation	None necessary.	None necessary.
Aesthetics and Urban Design	None necessary.	None necessary.
Light, Glare and Shadows	<p>LIG-1 New exterior lighting would be selected to minimize over-spill and glare and light pollution at night.</p> <p>LIG-2 The light fixture head style and the manufacturer of lights that would be installed in parking areas would be selected in order to achieve efficient distribution of the light while maintaining sharp cutoff for excellent glare control.</p> <p>LIG-3 Construction security lighting would be kept to a minimum and directed downward and interior to the site.</p>	None necessary.
Traffic and Transportation	<p>TRA-1 Safe pedestrian and vehicular circulation will be provided adjacent to the construction site through the use of temporary walkways, signs, and manual traffic control when appropriate.</p> <p>TRA-2 Contractors will be required to direct that all construction worker vehicles are parked in a temporary on-site parking area or remote off-site parking lot.</p> <p>TRA-3 Delivery of materials that are transported by truck to and from the project area will be scheduled to minimize congestion during peak travel times on adjacent City streets.</p> <p>TRA-4 During construction, truck wheels and undercarriages will be brushed/washed or pressure-sprayed before leaving the site.</p>	None necessary.

**Table 1-3
Elements of the Environment Reviewed**

Topic		Review
Natural Environment		
Earth		
	Geology	Reviewed in Geology and Soils.
	Soils	Reviewed in Geology and Soils.
	Topography	Reviewed in Geology and Soils.
	Unique Physical Features	Reviewed in Land Use (slope is classified as Environmentally Critical Area).
	Erosion/enlargement	Reviewed in Geology and Soils of land area (accretion).
Air		
	Air Quality	Reviewed only for construction impacts (dust and vehicle/equipment emissions during demolition and construction); the proposed project is not expected to affect air quality during operation.
	Odor	Not reviewed; proposal not expected to generate significant odor.
	Climate	Not reviewed; proposal not expected to affect climate or wind.
Water		
	Surface water movement/quantity/quality	Not reviewed; not applicable to project.
	Runoff/absorption	Reviewed in Water.
	Floods	Not reviewed; not applicable to project.
	Groundwater movement/ quantity/quality	Not reviewed; not applicable to project.
	Public water supplies	Not reviewed; not applicable to project.
Plants and Animals		
	Habitat for and numbers or diversity of species of plants, fish or other wildlife	Plants reviewed in Plants. Wildlife not reviewed; only usual urban birds can be reasonably expected onsite. Fish not reviewed; not applicable to project.
	Unique species	Plants reviewed in Plants. Fish and Wildlife not reviewed; not applicable to project.
	Fish or wildlife migration routes	Not reviewed; not applicable to project.
Energy and Natural Resources		
	Amount required/ rate of use/efficiency	Not reviewed, proposal not expected to significantly affect amount of energy or natural resources used, rate of use, or efficiency. New construction would include energy conservation measures.
	Source/availability	Not reviewed; proposal not expected to affect the source or availability of energy or natural resources used.

**Table 1-3 (Continued)
Elements of the Environment Reviewed**

Topic		Review
	Nonrenewable resources	Not reviewed; proposal not expected to affect non-renewable resources.
	Conservation and renewable resources	Not reviewed; new construction would include energy conservation measures that were not in place prior to the proposed project.
	Scenic Resources	Reviewed in Aesthetics and Urban Design.
Built Environment		
Environmental Health		
	Noise	Not reviewed; completed project will not affect offsite noise levels; completed project will include noise mitigation measures to reduce the effect of offsite noise from aircraft on inside sound levels.
	Risk of Explosion	Not reviewed; proposal not expected have a significant risk of explosion that is different from under existing conditions.
	Releases or potential releases to the environment affecting public health, such as toxic or hazardous materials	Not reviewed; proposal not expected to change risk of or potential for releases of harmful materials that would affect public health.
Land and Shoreline Use		
	Relationship to existing land use plans and to estimated population	Land use plans reviewed in Land Use. Population not reviewed; not applicable to project.
	Housing	Not reviewed, not applicable to project.
	Light and Glare	Reviewed in Aesthetics and Urban Design.
	Aesthetics	Reviewed in Aesthetics and Urban Design.
	Recreation	Reviewed in Recreation.
	Historic and cultural preservation	Reviewed in Historic Resources.
	Agricultural crops	Not reviewed; not applicable to project.
Transportation		
	Transportation systems	Reviewed in Traffic and Transportation.
	Vehicular traffic	Reviewed in Traffic and Transportation.
	Waterborne, rail	Not reviewed; not applicable to project.
	Parking	Reviewed in Traffic and Transportation.
	Movement/circulation of people or goods	Reviewed in Traffic and Transportation.
	Traffic hazards	Reviewed in Traffic and Transportation.
Public Services and Utilities		
	Fire	Not reviewed; proposal not expected to significantly affect demand for fire protection and emergency services.
	Police	Not reviewed; proposal not expected to significantly affect demand for law enforcement.
	Schools	Not reviewed; purpose of project is to perform historic renovation, demolition and new construction at existing school.

**Table 1-3 (Continued)
Elements of the Environment Reviewed**

Topic		Review
	Parks or other recreational facilities	Reviewed in Recreation.
	Maintenance	Not reviewed; proposal not expected to significantly affect demand for maintenance services.
	Communications	Not reviewed; proposal not expected to significantly affect demand for communications services.
	Water/storm water	Reviewed in Water.
	Sewer/solid waste	Not reviewed; proposal not expected to significantly affect demand for waste disposal or management.
	Other government services or utilities	Not reviewed; proposal not expected to significantly affect demand for general governmental services or other utilities.