

Operations

AQ30 Staff and students shall be provided with information on public transportation options near East Los Angeles College.

AQ31 Preferred parking shall be established for alternatively-fueled vehicles.

AQ32 Charging stations shall be supplied for electric vehicles.

AQ33 A ride sharing program shall be implemented to increase carpooling opportunities.

LEVEL OF IMPACT AFTER MITIGATION

Construction

Implementation of Mitigation Measures **AQ13** through **AQ22** would reduce PM_{2.5} and PM₁₀ emissions during construction of the project. Implementation of Mitigation Measure **AQ23** would reduce engine emissions by approximately five percent. Implementation of Mitigation Measures **AQ24** through **AQ26**, while difficult to quantify, would also reduce construction emissions. Implementation of Mitigation Measure **AQ27** would minimize air pollution exposure at the Child Development Center. Mitigation Measures **AQ28** and **AQ29** would reduce VOC emissions during the architectural coating activity by approximately 96 percent to a less-than-significant level. As demonstrated in **Table 4.2-12**, mitigated construction regional emissions would continue to exceed the SCAQMD regional threshold for NO_x. Regional construction emissions would result in an unavoidable, significant air quality impact.

TABLE 4.2-12: DAILY CONSTRUCTION EMISSIONS – MITIGATED						
	Pounds Per Day					
	VOC	NO_x	CO	SO_x	PM_{2.5} /a/	PM₁₀ /a/
Maximum Regional Total /b/	21	164	85	<1	9	21
Regional Significance Threshold	75	100	550	150	55	150
Exceed Threshold?	No	Yes	No	No	No	No
Maximum On-Site Total /b/	20	158	79	<1	8	20
Localized Significance Threshold	-- /c/	83	673	-- /c/	4	5
Exceed Threshold?	--	Yes	No	--	Yes	Yes
/a/ Emissions for fugitive dust were adjusted to account for a 61 percent control efficiency associated with SCAQMD Rule 403. /b/ Based on the draft construction schedule, maximum construction emissions for VOC, NO _x , CO, SO _x and PM _{2.5} would occur in 2011 during construction of Student Success and Retention Center, Campus Student Center/Bookstore Complex, Classrooms G8 and H8 Modernization, and Math and Science Complex. Maximum construction emission for PM _{2.5} would occur in 2014 during construction of Tennis Courts, Football and Soccer Fields. /c/ SCAQMD has not developed localized significance methodology for VOC or SO _x . SOURCE: TAHA, 2010.						

Table 4.2-12 shows the estimated daily localized emissions associated after mitigation. Daily construction emissions would continue to exceed the SCAQMD localized significance thresholds for NO_x, PM_{2.5}, and PM₁₀ emissions even after mitigation. Mitigated localized emissions would also exceed the significance thresholds at the Child Development Center. Localized construction emissions would result in an unavoidable significant air quality impact.