

**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<sub>2.5</sub> and PM<sub>10</sub> 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<sub>x</sub>. Regional construction emissions would result in an unavoidable, significant air quality impact.

<b>TABLE 4.2-12: DAILY CONSTRUCTION EMISSIONS – MITIGATED</b>						
	<b>Pounds Per Day</b>					
	<b>VOC</b>	<b>NO<sub>x</sub></b>	<b>CO</b>	<b>SO<sub>x</sub></b>	<b>PM<sub>2.5</sub> /a/</b>	<b>PM<sub>10</sub> /a/</b>
Maximum Regional Total /b/	21	164	85	<1	9	21
<b>Regional Significance Threshold</b>	<b>75</b>	<b>100</b>	<b>550</b>	<b>150</b>	<b>55</b>	<b>150</b>
Exceed Threshold?	No	Yes	No	No	No	No
Maximum On-Site Total /b/	20	158	79	<1	8	20
<b>Localized Significance Threshold</b>	<b>-- /c/</b>	<b>83</b>	<b>673</b>	<b>-- /c/</b>	<b>4</b>	<b>5</b>
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 <sub>x</sub> , CO, SO <sub>x</sub> and PM <sub>2.5</sub> 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 <sub>2.5</sub> 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 <sub>x</sub> . <b>SOURCE:</b> 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<sub>x</sub>, PM<sub>2.5</sub>, and PM<sub>10</sub> 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.