

## Chapter 5f: Diesel Mobile Sources

### Community Concerns



The Eastern Coachella Valley (ECV) CSC expressed concerns about diesel emissions from mobile sources in the ECV community. CSC members raised concerns about heavy-duty trucks traveling along the State highways 111 and 86, school buses, freight trains that transit the community and heavy-duty agricultural equipment (e.g., tractors and harvesting equipment). CSC members mentioned that trucks and school buses often transit in residential areas and near sensitive receptors. CSC members also cited concerns about trucks idling around the Mecca area within ECV.

### Actions to Address Diesel Mobile Sources

To address community concerns and reduce emissions from diesel mobile sources, South Coast AQMD developed actions for the Community Emissions Reduction Plan (CERP). Table 1 below provides goals, actions, responsible entities, metrics, and a timeline to achieve emission reductions from diesel mobile sources.

**Table 1 - Goal: Reduce Emissions and Exposure from Diesel Mobile Sources**

	Action	Responsible Entity	Metric	Timeline	
				Start	Complete
<b>A</b>	<p>Work with the CSC to:</p> <ul style="list-style-type: none"> <li>• Identify air quality concerns related to diesel mobile sources (e.g., trucks, trains), quantify emissions (e.g., baseline, projected) from diesel mobile sources, and provide an informational workshop (e.g., summary of regulations and compliance information) on diesel mobile sources</li> <li>• Prioritize actions to address the community’s main concerns around diesel mobile source pollution. For example, actions may include: <ul style="list-style-type: none"> <li>○ Create an air quality sensor network for measurements of PM2.5 and NO2 supported by black carbon measurements (where possible and for limited duration) to better understand the impact of diesel emissions in the community</li> <li>○ Collaborating with CARB to identify opportunities for focused enforcement and additional regulatory measures (e.g., Air Toxic Control Measure, Freight Handbook), if needed</li> <li>○ Identifying opportunities to collaborate with local land use and transportation agencies to restrict heavy-duty trucks from transiting near sensitive land uses (e.g., schools and residences)</li> <li>○ Collaborating with CARB to conduct outreach on how to report idling trucks</li> <li>○ Pursue collaboration with land use agencies (e.g., City of Indio, City of Coachella, and Riverside County) to implement vegetative barriers around the railroad that passes through the ECV community</li> <li>○ Identify funding to implement weatherization projects and to install and maintain air filtration systems at</li> </ul> </li> </ul>	South Coast AQMD, CARB	TBD	2 <sup>nd</sup> Quarter 2021	1 <sup>st</sup> Quarter 2026

	schools, community centers and homes to reduce exposure to diesel mobile sources				
<b>B</b>	Identify opportunities to incentivize the replacement of older, higher polluting on-road (e.g., trucks) and off-road (e.g., tractors, freight trains, agricultural equipment) equipment with cleaner technology	South Coast AQMD, CARB	TBD (e.g., number of projects incentivized)	1 <sup>st</sup> Quarter 2021	1 <sup>st</sup> Quarter 2026
<b>C</b>	Identify funding opportunities to replace older diesel school buses with zero or near-zero emission school buses in ECV in all school districts within ECV	South Coast AQMD, CARB	TBD (e.g., number of projects incentivized)	1 <sup>st</sup> Quarter 2021	1 <sup>st</sup> Quarter 2026