

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 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 from Diesel Mobile Sources

	Action	Responsible Entity	Metric	Timeline	
				Start	Complete
A	<p>Work with the CSC to:</p> <ul style="list-style-type: none"> • Identify air quality concerns related to trucks, quantify emissions from trucks (e.g., baseline, projected), and provide informational workshop on trucks (e.g., summary of regulations and compliance information) • 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"> ○ 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 ○ Collaborating with CARB to identify opportunities for focused enforcement and additional regulatory measures, if needed ○ 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) ○ Collaborating with CARB to conduct outreach on how to report idling trucks 	South Coast AQMD, CARB	TBD	1 st Quarter 2022	1 st Quarter 2026
B	Identify opportunities to incentivize the replacement of older, higher polluting on-road (e.g., trucks) and off-road (e.g., tractors, agricultural equipment) equipment with cleaner technology	South Coast AQMD, CARB	TBD (e.g., number of projects incentivized)	1 st Quarter 2021	1 st Quarter 2026
C	Identify funding opportunities to replace older diesel school buses with zero or near-zero emission school buses in ECV	South Coast AQMD, CARB	TBD (e.g., number of projects incentivized)	1 st Quarter 2021	1 st Quarter 2026