

Chapter 5c: Rendering Facilities

Community Concerns

The Southeast Los Angeles (SELA) community has five rendering facilities located in the emissions study area (ESA). Rendering facilities can emit odors from raw material receiving, processing operations, wastewater treatment, and other sources of fugitive odors at the facility.

The SELA community has expressed concern about odors from rendering facilities, particularly around schools. Community residents prioritized rendering facilities since these odors can cause adverse health effects such as coughing, sore throats, nausea, and respiratory irritations. Please see Appendix 5 – Rendering Facilities for more details.

Actions to Reduce Emissions or Exposure

To address community concerns about odors from rendering facilities in SELA, the CSC and South Coast AQMD developed five (5) actions for the Community Emissions Reduction Plan (CERP). The tables below provide goals, actions, metrics, and a timeline to achieve odor exposure reduction from rendering facilities.

Table 1- Goal: Reduce Odors from Rendering Facilities					
	Action	Responsible Entity	Metric	Timeline	
				Start	Complete
A	Engage in community outreach and provide information on Rule 415 and how to file odor complaints	South Coast AQMD	Number of Rule 415 updates to community groups and CSC	1 st quarter, 2021	4 th quarter, 2025
B	Conduct air monitoring for VOCs and odorous compounds near each rendering facility and in the community to better characterize the emissions and to make data available to the public	South Coast AQMD	Begin conducting air measurements around rendering facilities	2 nd quarter, 2021	4 th quarter, 2025
C	Continue complaint response including SELA complaint tracking, provide timely updates to complainants, continue Rule	South Coast AQMD	Number of complaints responded to	1 st quarter, 2021	4 th quarter, 2025

	415 compliance inspections, and provide an annual summary of findings to the CSC. Collaborate with local land-use agencies and L.A. County Green Zones Program to identify proposed new rendering facility projects in the Southeast Los Angeles Community and identify South Coast AQMD rules that apply to the facilities		Updates to CSC about new rendering projects and collaborations with land-use agencies		
D	After the installation of the emissions controls (e.g., permanent total enclosures) required by Rule 415, work with the CSC to identify remaining odor concerns, evaluate the need for additional requirements to address odors, (e.g., conduct additional air monitoring for VOCs and odorous compounds) and establish a rule development schedule, if needed	South Coast AQMD	Number of odor complaints pre and post emission controls required by Rule 415 Additional metrics will be identified, if needed	1 st quarter, 2023	4 th quarter, 2023

Table 2- Goal: Reduce Exposure to Odors from Rendering Facilities

	Action	Responsible Entity	Metric	Timeline	
				Start	Complete
E	Explore the development of an odor event notification system, for schools and sensitive receptors. Consult with Community Groups that work with schools on key considerations for an odor event notification system (e.g., objectives of the notification system), and update CSC biannually on odor event notification system progress.	South Coast AQMD	Biannual updates on odor event notification progress to the CSC	1 st quarter, 2021	4th quarter, 2021