
CHAPTER 5D:

GENERAL INDUSTRIAL FACILITIES

Chapter 5d: General Industrial Facilities

Community Concerns

During the Community Steering Committee (CSC) meetings, the co-leads helped lead discussions to identify air quality concerns and actions for the Community Emissions Reduction Plan (CERP). The South Los Angeles (SLA) community expressed concerns about emissions from and exposure to various stationary sources that are categorized as general industrial facilities, such as pallet manufacturers, recycling centers, chemical manufacturing, dry cleaners, gas stations, tire manufactures, and decommissioned facilities. The CSC highlighted specific locations of unknown types of industrial facilities that were of concern to them within SLA.

CSC members have identified dry cleaners as a category of concern due to the adverse health effects associated with solvents used in this process. One CSC-identified concern with dry cleaners is the use of perchloroethylene (PERC), a carcinogen, as a solvent, which was a common solvent used for dry cleaning.¹ As of January 1, 2021, Rule 1421^{2,3} required all dry cleaning equipment utilizing PERC within the jurisdictional boundary of South Coast AQMD to be removed from service and facility owners switched to new dry cleaning systems using other compliant solvents (Rule 1102⁴) or water-based systems. CARB and South Coast AQMD conducted training to assist in the implementation of the statewide phase out of PERC. Additionally, South Coast AQMD established a financial incentive grant program, totaling \$4.2 million, which assisted dry cleaners to make an early transition to non-perc alternative cleaning technologies.

Regulatory Background

There are approximately 354 general industrial facilities located within the SLA community boundary. These general industrial facilities conduct a variety of processes and include facility types such as chemical operations, dry cleaners, manufacturing operations, utility, and gas stations. South Coast AQMD's Facility Information Detail (F.I.N.D.)⁵ tool allows users to search for these permitted facilities

¹ South Coast AQMD, Governing Board Meeting December 6, 2002, Agenda Item 37, <http://www.aqmd.gov/nav/about/governing-board/agendas-minutes>

² South Coast AQMD, Rule 1421 – Control of Perchloroethylene Emissions from Dry Cleaning Systems, <https://www.aqmd.gov/docs/default-source/rule-book/reg-xiv/rule-1421.pdf>

³ South Coast AQMD, Notice to Owner/Operator of Perchloroethylene (Perc) Dry Cleaning Equipment, [http://www.aqmd.gov/docs/default-source/compliance/industrial-advisories/notice-to-existing-perc-dry-cleaners-\(dec-18-2020\).pdf](http://www.aqmd.gov/docs/default-source/compliance/industrial-advisories/notice-to-existing-perc-dry-cleaners-(dec-18-2020).pdf)

⁴ South Coast AQMD, Rule 1102 – Dry Cleaners Using Solvents Other Than Perchloroethylene, <http://www.aqmd.gov/docs/default-source/rule-book/reg-xi/rule-1102-dry-cleaners-using-solvent-other-than-perchlorethylene.pdf>

⁵ South Coast AQMD, Facility Information Detail (F.I.N.D.), <http://www.aqmd.gov/nav/FIND>

by their facility ID number, name, address, permit number, application number, or Notice to Comply or Notice of Violation number. The F.I.N.D. tool provides detailed information for each facility, including equipment lists, emissions data for facilities subject to South Coast AQMD's or CARB's reporting rules, and compliance history. These facilities may be subject to South Coast AQMD rules that address odors, fugitive dust, and other emissions from facilities such as Rule 402,⁶ 403,⁷ 1137,⁸ and 1147.⁹

South Coast AQMD regularly inspects and enforces requirements at general industrial facilities. These are initiated by South Coast AQMD through routine facility inspections or prompted by outside parties through complaints, facility notifications, or agency referrals. Air pollution concerns received from the community are an important source of information. Complaints can be submitted anonymously by phone or online, but contact information is crucial to ensure that inspectors can gather all the necessary information to conduct effective investigations.

Actions to Reduce Emissions or Exposure

In the process of developing this CERP, members of the CSC requested to identify all the general industrial facilities that exist in the community, with a focus on specific locations to help address emission and exposure reduction efforts. CSC members requested information regarding the type of the facilities, activities conducted, compliance history, and the emissions resulting from operations at general industrial facilities in this community. Additionally, there were requests for training and education on South Coast AQMD's F.I.N.D. tool and the process for filing air quality complaints to increase the community's involvement in addressing air quality concerns. The CSC also stressed the importance of outreach and training to dry cleaners regarding green alternatives and any financial and technical support to aid in the transition to green technologies.

In addition to dry cleaners, the CSC requested that information, outreach, and training be provided to assist them in increasing the community's involvement in addressing air quality concerns related to land-use issues. The CSC requested the following goals for general industrial facilities in SLA.

- A. Inform the community of applicable rules and regulations, compliance history, and available data as they relate to general industrial facilities so they may prioritize facilities of concern.

⁶ South Coast AQMD, Rule 402 – Nuisance, <http://www.aqmd.gov/docs/default-source/rule-book/rule-iv/rule-402.pdf>

⁷ South Coast AQMD, Rule 403 – Fugitive Dust, <http://www.aqmd.gov/docs/default-source/rule-book/rule-iv/rule-403.pdf>

⁸ South Coast AQMD, Rule 1137 – PM10 Emission Reductions from Woodworking Operations, <http://www.aqmd.gov/docs/default-source/rule-book/reg-xi/rule-1137.pdf>

⁹ South Coast AQMD, Rule 1147 – NOx Reductions from Miscellaneous Sources, <http://www.aqmd.gov/docs/default-source/rule-book/reg-xi/rule-1147.pdf>

- B. Identify emissions and exposure reduction measures to address prioritized concerns identified by goal/action A.
- C. Enforce Rules 1102 and 1421, seek funding to support transition to community identified green alternatives, and conduct community outreach to owners and operators regarding green alternatives.
- D. Make referrals from general industrial inspections to the appropriate agencies to ensure these facilities follow rules and regulations from other agencies, in particular those related to hazardous waste handling and disposal, soil and water contamination, and land-use issues.
- E. Inform the community about the F.I.N.D. tool and how to file air quality complaints.

The CSC developed the following CERP actions to address community concerns regarding the five CERP goals. **Table 5d-1** summarizes goals, actions, metrics, and provides a timeline to achieve emissions or exposure reductions from general industrial facilities in SLA.

Table 5d-1: Actions to Reduce Emissions from and Exposure to General Industrial Facilities

Goal	Actions	Responsible Entity(ies)	Metric(s)	Timeline	
				Start	Complete
A: Identify Facilities of Concern	<ul style="list-style-type: none"> • Prioritize general industrial facilities of concern • Inform CSC of applicable South Coast AQMD rules for the prioritized facilities • Inform CSC of three (3) year compliance history of the identified facilities • Summarize available emissions and/or air pollution data collected at or near facilities 	South Coast AQMD	<ul style="list-style-type: none"> • Provide general industrial facility prioritization list • Provide applicable rules list for identified facilities • Provide compliance history for identified facilities • Provide emissions data, if applicable, for identified facilities 	2023	2023

<p>B: Identify Strategies</p>	<p>Based on findings from Goal A, identify emissions and exposure reduction measures, if appropriate</p>	<p>South Coast AQMD</p>	<p>Number of emissions and exposure reduction measures</p>	<p>2023</p>	<p>2nd quarter, 2027</p>
<p>C: Dry Cleaners</p>	<ul style="list-style-type: none"> • Enforcement of existing South Coast AQMD and CARB regulations (e.g., South Coast AQMD Rule 1102, South Coast AQMD Rule 1421, CARB Airborne Toxic Control Measure for Emissions of Perchloroethylene (Perc) from Dry Cleaning Operations (Dry Cleaning ATCM)) • Identify incentive opportunities to transition to community-identified green alternatives • Community outreach to owners and operators regarding green alternative practices 	<p>South Coast AQMD CSC</p>	<ul style="list-style-type: none"> • Number of Rule 1102 and Rule 1421 inspections • Provide list of incentive opportunities to support transition to green alternatives, if incentive opportunities are identified • Number of outreach materials distributed to owners and operators 	<p>2023</p>	<p>2nd quarter, 2027</p>
<p>D: Agency Referrals</p>	<p>Refer to appropriate agencies when issues are found during inspections that fall outside of South Coast AQMD’s jurisdiction (e.g., Local land-use agencies, California Division of Occupational Safety and Health (Cal/OSHA), Certified Unified Program Agencies (CUPA), and public health departments)</p>	<p>South Coast AQMD</p>	<p>Number of updates from appropriate agencies regarding referrals or follow-up information to the CSC</p>	<p>2nd quarter, 2022</p>	<p>2nd quarter, 2027</p>

<p>E: F.I.N.D. Tool and Filing Complaints</p>	<p>Conduct community outreach on F.I.N.D. tool including training on how to use the F.I.N.D. tool to search for information about South Coast AQMD-regulated facilities (e.g., facility details, equipment, permits, compliance history, etc.) and on filing air quality complaints by phone, web, or mobile application to the community</p>	<p>South Coast AQMD</p>	<ul style="list-style-type: none"> • Conduct one F.I.N.D. outreach session to the community • Create training materials for F.I.N.D. to be published on the South Coast AQMD website 	<p>4th quarter, 2022</p>	<p>2nd quarter, 2027</p>
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