

Implementation Schedule

The CERP addresses air quality priorities identified by the Wilmington, Carson, West Long Beach Community Steering Committee (CSC). To reduce air pollution from sources that contribute to these priorities, the CSC developed a set of actions to be implemented by government agencies, organizations, businesses, and other entities. The implementation period of the actions in this CERP is expected to be approximately five years. The actions will occur during the timeframe of the plan; however, some actions by South Coast AQMD are ongoing (e.g., certain regulatory, enforcement, and incentive activities). Rules that are adopted or amended will continue to be in effect beyond the implementation period of the CERP and will continue to be enforced to ensure that facilities maintain compliance. Additionally, some actions in the CERP are designed to allow for minor adjustments when new information becomes available. For example, based on initial air monitoring results, the CSC may refine specific strategies to focus on sources that show elevated emissions. Moreover, allowing these types of adjustments will facilitate successful implementation.

An overview of the schedule for implementing the actions in the CERP is shown in Figure 5h-1: Implementation Timeline for Rule Development and Implementation Activities and Figure 5h-2: Implementation Timeline for Monitoring, Enforcement, Outreach, and Other CERP Actions. Figure 5h-1 covers rule development activities to address air quality priorities in the CERP, and Figure 5h-2 provides a timeline for monitoring, enforcement, incentives, outreach, and other activities.

Figure 5h-1: Implementation Timeline for Rule Development and Implementation Activities

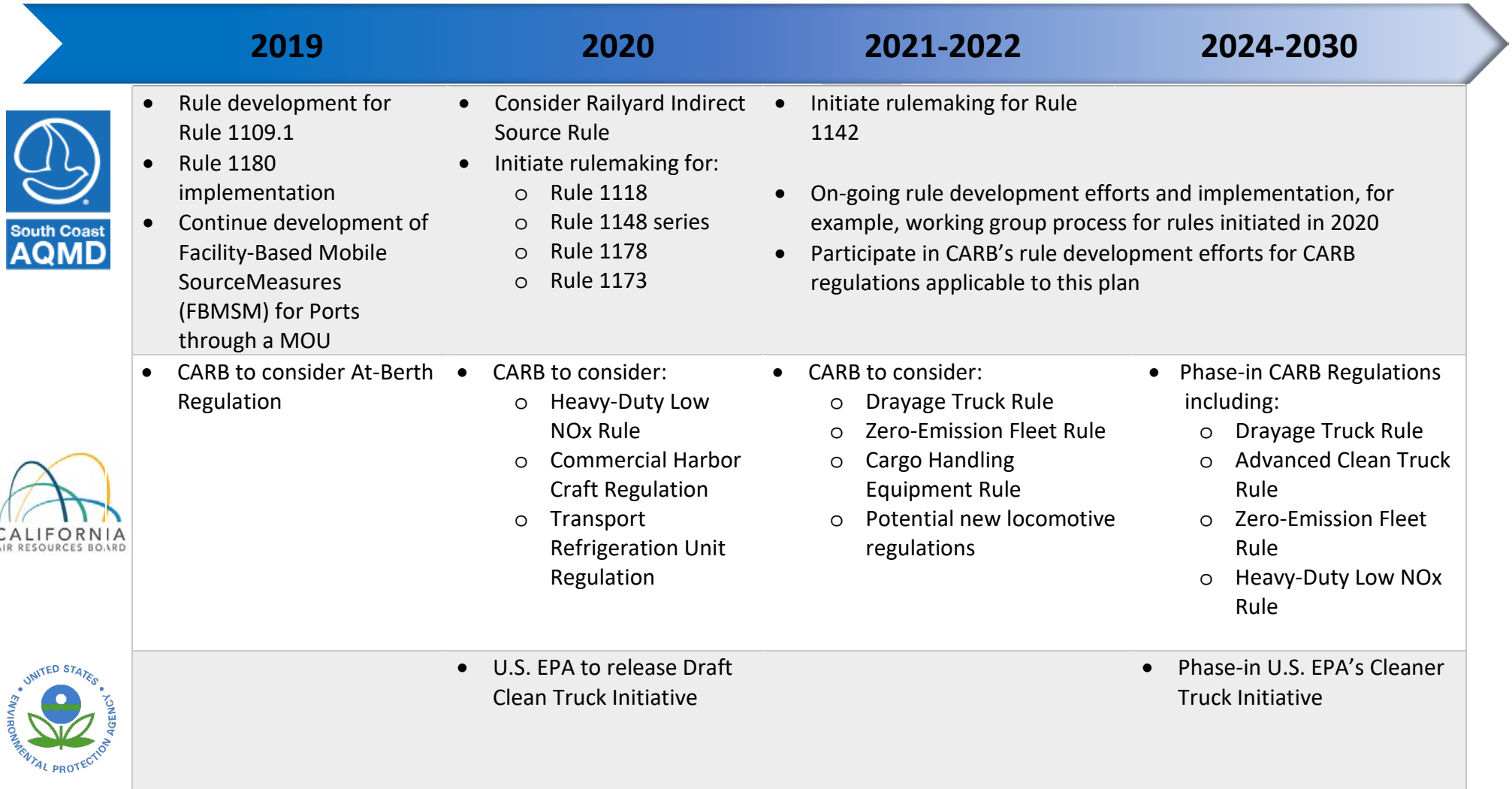


Figure 5h-2: Implementation Timeline for Monitoring, Enforcement, Outreach, and Other Wilmington, Carson, West Long Beach CERP Actions

		2019	2020	2021
Monitoring	Refineries	<ul style="list-style-type: none"> Begin mobile monitoring at refineries Begin periodic updates to CSC on refinery monitoring efforts identifying and addressing VOC leaks 		
	Ports	<ul style="list-style-type: none"> Begin oil tanker leak surveillance monitoring 		
	Truck Traffic	<ul style="list-style-type: none"> Begin mobile measurements to identify air pollution hot spots Start evaluating data to assess the impact of idling truck emissions on community exposure 		
	Oil Drilling and Production	<ul style="list-style-type: none"> Begin to use data from DOGGR to identify the active, idle, and abandoned wells in this community 	<ul style="list-style-type: none"> Begin mobile monitoring around the oil drilling and production locations <ul style="list-style-type: none"> Prioritize locations identified by the CSC Post data on a dedicated webpage on the South Coast AQMD website within 30 days Provide CSC members with periodic updates on these efforts 	
	Railyards	<ul style="list-style-type: none"> Use emissions inventory and monitoring information to identify opportunities for emission reductions Begin monitoring activities at railyards to identify activities that may increase levels of air pollution in nearby communities 		
	Sensitive Receptors	<ul style="list-style-type: none"> Begin mobile measurements at and near schools and other sensitive receptors Share preliminary data with CSC to identify specific receptors for more detailed monitoring 		

Figure 5h-2: Implementation Timeline for Monitoring, Enforcement, Outreach, and Other Wilmington, Carson, West Long Beach CERP Actions (Continued)

		2019	2020	2021
Enforcement	South Coast AQMD	<ul style="list-style-type: none"> • Begin idling truck focused inspections¹ • Conduct follow-up inspections¹ at refineries, as needed, based on mobile monitoring results 	<ul style="list-style-type: none"> • Begin providing CSC members periodic updates on inspection or complaint investigations¹ on fugitive emissions and odors from oil drilling and production sites • Work with CSC to identify the top priority oil drilling and production locations in this community • Begin offshore ship investigations¹ 	
	CARB	<ul style="list-style-type: none"> • Update the CSC on CARB’s enforcement of the existing Drayage Truck Regulation • Work with South Coast AQMD (and CHP) to coordinate, at a minimum, quarterly idling sweeps and focused inspections for a period of one year 	<ul style="list-style-type: none"> • Conduct enhanced roadside inspections utilizing CSC input to locate areas of concern • Conduct enhanced roadside enforcement of existing Drayage Truck and Truck and Bus regulations • Begin to provide updates on CARB’s enforcement of truck regulations • Based on findings from idling sweeps, the CSC identified Community Priorities List, and additional community observations/input from CSC meetings, CARB will adjust enforcement in the community to address the identified concerns and report back to the CSC bi-annually for future adjustments 	

¹ South Coast AQMD staff cannot provide updates on ongoing investigations.

Figure 5h-2: Implementation Timeline for Monitoring, Enforcement, Outreach, and Other Wilmington, Carson, West Long Beach CERP Actions (Continued)

		2019	2020	2021
Incentives:	Ports	<ul style="list-style-type: none"> Funding opportunities for cleaner port equipment and drayage trucks 	<ul style="list-style-type: none"> Sign agreement for joint clean vessel incentive program with Asian ports Conduct outreach for cleaner technologies incentive ships, harbor craft, trucks Conduct incentive outreach events, when incentive programs are open for applications 	
	Neighborhood Trucks		<ul style="list-style-type: none"> Begin conducting incentive outreach events and provide quarterly or biannual updates to the CSC conduct outreach to truck owners and operators² Conduct outreach for cleaner technologies incentives for trucks 	
	Railyards		<ul style="list-style-type: none"> Provide incentive information to railyards to work towards replacing diesel-fueled equipment with cleaner technologies at railyards located in this community 	
	Schools, Childcare Centers, Homes		<ul style="list-style-type: none"> Consult with CSC members and appropriate stakeholders to identify any existing funding sources for tree planting or increasing green space 	

² When incentive programs are available

Figure 5h-2: Implementation Timeline for Monitoring, Enforcement, Outreach, and Other Wilmington, Carson, West Long Beach CERP Actions (Continued)

		2019	2020	2021
Outreach	Refineries		<ul style="list-style-type: none"> Work with local public health departments to develop informational outreach materials for the community to describe the risks posed by emissions from refinery flaring, and how to reduce exposures Begin working with local public health departments to develop fact sheets that provide guidance on reducing exposure to oil drilling and production site activities 	<ul style="list-style-type: none"> Hold workshops in the community to provide training on how to use flaring notification systems
	Ports	<ul style="list-style-type: none"> Conduct outreach for the Pacific Rim clean vessel incentive program Conduct outreach for FBMSM rule development meetings 		
	Trucks	<ul style="list-style-type: none"> Conduct outreach to inform community members how to report idling trucks 	<ul style="list-style-type: none"> Provide training to community leaders or organizations that provide application assistance for incentive programs for heavy-duty trucks 	
	Oil Drilling and Production			<ul style="list-style-type: none"> Implement improvements to notifications and organize community workshops and training on how to subscribe to and use notifications
	Schools, Childcare Centers, & Homes	<ul style="list-style-type: none"> Begin working with health departments on developing outreach materials for schools, childcare centers, homes 	<ul style="list-style-type: none"> Begin outreach efforts with school districts to provide air quality related programs to schools Begin outreach efforts with school districts to provide information on programs, such as, Safe Routes to School or ridesharing Begin school, childcare center, home outreach efforts with community-based organizations to share information or provide outreach to schools for asthma related programs 	

Figure 5h-2: Implementation Timeline for Monitoring, Enforcement, Outreach, and Other Wilmington, Carson, West Long Beach CERP Actions (Continued)

		2019	2020	2021
Other	Refineries	<ul style="list-style-type: none"> Provide a summary of flare emissions data from the Rule 1118 quarterly reports 	<ul style="list-style-type: none"> Begin providing CSC members updates on efforts for refinery flaring event notifications 	
	Ports	<ul style="list-style-type: none"> Begin to provide updates on demonstration projects for ships and harbor craft 	<ul style="list-style-type: none"> Implement Ports' Clean Truck Program³ Implement Ports' clean cargo handling equipment purchasing program as described in the CAAP⁴ Implement Ports' Clean Truck Program as described in the CAAP⁵ 	
	Schools, Childcare Centers, & Homes	<ul style="list-style-type: none"> Biannual updates on CARB's rule development for truck regulations, and seek community input on progress Extend replacement filters at schools with existing high efficiency replacement systems throughout implementation of this plan 	<ul style="list-style-type: none"> Begin installation of air filtration systems in schools⁶ Consult with CSC members and appropriate stakeholders to identify any new or existing air filtration programs in homes 	

³ Implementation of Ports' Clean Truck Program as described in the San Pedro Bay Ports' Clean Air Action Plan is dependent on feasibility assessment study for trucks and truck rate study and the promulgation of near -zero emissions manufacturing standards by CARB

⁴ Based on feasibility assessment study for cargo handling equipment

⁵ Based on feasibility assessment study for trucks and truck rate study and the promulgation of near zero emissions manufacturing standards by CARB

⁶ Number of schools to receive air filtration systems is dependent on amount of funding and funding sources.