

Hi CSC,

The following packet includes the sections of the CERP with updated language based on feedback from the May 25 meeting.

Hola Comité Directivo,

El siguiente paquete incluye las secciones del CERP con lenguaje actualizado basado en los comentarios de la reunión del 25 de mayo.

4.5. AGENCY PARTNERSHIPS

PESTICIDES IN THE ARVIN/LAMONT COMMUNITY

The Department of Pesticide Regulation (DPR) regulates pesticides under a comprehensive program that encompasses enforcement of pesticide use in agricultural and urban environments. DPR oversees a multi-tiered enforcement infrastructure and is vested by the EPA with primary responsibility to enforce federal pesticide laws in California. In addition, they oversee the process by which pesticides are evaluated and tested before being registered and allowed to be sold and used in the State. DPR directs and oversees County Agricultural Commissioner enforcement of pesticide and environmental laws and regulations locally, including enforcement for the Department of Consumer Affairs' Structural Pest Control Board. DPR requires farmers to notify the County Agricultural Commissioner before they apply restricted material pesticides. They also require applicators to report the use of all pesticides to the County Agricultural Commissioner subsequent to their use.~~DPR requires farmers to notify the department before they apply any form of pesticide.~~ Additionally, agricultural operators are subject to strict rules that limit overspray and drift from the approved site of application, and may be subject to fines for violations. Schools that are located near fields where pesticides are applied are required to be provided with annual notification by the grower of all pesticides that might be used on those sites each year.~~near a pesticide application must be notified by DPR to allow the school to take precautions to prevent exposure.~~

Potential CERP Measure for CSC to decide:**MEASURE 5.A REDUCING EXPOSURE TO PESTICIDES IN THE COMMUNITY**

Overview: The Arvin/Lamont Community Steering Committee ~~had several community concerns~~ made recommended several recommendations measures for CERP implementation related to pesticide application and exposure reduction, including expanded monitoring, local notification, and mitigation practices such as application buffers within the community.

All pesticide-related emission reduction strategy suggestions submitted by the CSC were shared by the District with the California Department of Pesticide Regulation (DPR), Kern County, the Office of Environmental Health Hazard Assessment (OEHHA), and the California Air Resources Board (CARB). DPR, CARB, and OEHHA have committed to implement the following specific measures to reduce community exposure to pesticides:

Commitment	Action(s)	Responsible Entity
Work with the Kern County Agricultural Commissioner & the CSC to identify pesticide use & agricultural practices common to the community	<ul style="list-style-type: none"> Identify pesticides used in Arvin/Lamont Communicate to CSC the frequency, amount, and ingredients of pesticide use in community 	DPR
Assist in the identification of pesticides of concern by the CSC & provide technical expertise to aid the CSC in prioritizing pesticide monitoring	<ul style="list-style-type: none"> Develop a screening approach for agricultural pesticides commonly used in community Support prioritization of pesticides for potential air monitoring based on screening criteria and other relevant information 	OEHHA
Provide technical support to the CSC <u>and Air District</u> regarding pesticide monitoring & provide feedback on analytical data gathered by the CSC	<ul style="list-style-type: none"> Plan and conduct <u>Participate in</u> field monitoring activities Provide laboratory analysis of <u>Analyze</u> pesticide samples <u>(in-house or contracted lab)</u> Support data analysis and interpretation 	DPR & CARB
	<ul style="list-style-type: none"> Evaluate potential community health risks/impacts based on air monitoring results and other relevant information <u>Support data analysis and interpretation</u> 	DPR & OEHHA
Engage with the CSC and the community on ongoing statewide regulatory and pesticide notification development efforts	<ul style="list-style-type: none"> Provide opportunities for public engagement & feedback on regulatory development <u>Regular updates to CSC on the temporary pilot notification efforts</u> Regular updates to CSC on timeline for notification in Kern County through statewide regulation Provide opportunities for public engagement & feedback on regulatory development, including for mitigation projects 	DPR
<u>Engage with the CSC and the community on ongoing statewide pesticide notification development efforts</u>	<ul style="list-style-type: none"> <u>Regular updates to CSC on the temporary pilot notification efforts</u> <u>Regular updates to CSC on timeline for notification in Kern County through statewide regulation</u> <u>Provide opportunities for public engagement & feedback on regulatory development</u> 	<u>DPR</u>

Commitment	Action(s)	Responsible Entity
<u>Engage with the CSC and the community on ongoing Sustainable Pest Management</u>	<ul style="list-style-type: none"> • <u>Regular updates to the CSC on the recommendations from the workgroup</u> • <u>Provide opportunities for engagement in the workgroup and development of recommendations</u> <u>Provide education on the benefits of sustainable pest management</u> 	DPR
<u>Engage with the CSC and the Community on enforcement procedures including complaints</u>	<ul style="list-style-type: none"> • <u>Provide clear steps and processes on how to report illegal application of pesticides</u> • <u>Provide updates to the CSC on complaintviolation reports</u> <u>Provide education of processes on how DPR handles illegal application of pesticides</u> • <u>Provide engagement opportunities the CSC to provide recommendations on how to improve current enforcement mechanisms</u> 	DPR

Furthermore, Kern County will engage with CARB, DPR, the District, and the Community Steering Committee regarding expanding exposure mitigation practices in the community. Kern County will also engage with CARB, DPR, the District, and the Community Steering Committee regarding and the development of a local pesticide notification system when DPR has developed a recommendation for statewide notification.

Implementing Agency: Department of Pesticide Regulation, Kern County, Office of Environmental Health Hazard Assessment, and California Air Resources Board

4.7. OTHER CSC-SUGGESTED ITEMS

Through the CERP development process, the CSC worked through several exercises to develop, refine, and ultimately vote to support clean air strategies to improve air quality challenges in the Arvin/Lamont Community. In this process, several measures were identified, but voted by the CSC to be excluded from the final CERP. These measures are listed below:

INCENTIVE PROGRAM FOR INSTALLATION OF ELECTRIC VEHICLE CHARGING INFRASTRUCTURE

This strategy would have allocated up to \$200,000 in incentives funding for publically accessible charging infrastructure to private and public entities in the Arvin/Lamont community.

Quantifiable Emission Reductions: Reduce emissions indirectly through transitioning to zero-emissions technology.

CSC support: 64% of the committee voted “No” to including this in the final CERP.

NEW STREET SWEEPER

This strategy would have allocated up to \$400,000 for the purchase of two new street sweepers to operate within the Arvin/Lamont AB 617 community.

Quantifiable Emission Reductions: TBD with CARB

CSC support: 85% of the committee voted “No” to including this in the final CERP.

CAR SHARING PROGRAM FOR RESIDENTS IN THE COMMUNITY

This strategy would have provided up to \$250,000 in funding for a partnering car share provider to either launch a new program in the Arvin/Lamont community and/or expand on the existing program in the Arvin/Lamont community.

Quantifiable Emission Reductions: Reduce emissions through transitioning to zero-emissions technology.

CSC support: 53~~4~~% of the committee voted “No” to including this in the final CERP. Many of the community members who voted “no” were interested in using this \$250,000 in CERP incentives funding for supporting other adopted CERP measures. The District will continue to work with the CSC to assess the funding needs of residential benefit CERP measures (e.g. 2.A Residential Lawn/Garden, 2.C Residential Vehicle Repair, and 2.D Residential Vehicle Replacement) through implementation.

5. METRICS TO TRACK PROGRESS

Strategies implemented as a part of this CERP are designed to improve air quality in the community of Arvin/Lamont. The five-year milestone evaluation is intended, per CARB guidance, to illustrate community scale emissions reductions and air quality trends that may not be evident on an annual reporting basis. To this end, the five-year milestone report submitted to CARB for Arvin/Lamont will include a comprehensive report explaining how air quality data obtained as part of the CAMP and the resulting analyses provided to CSC members helped inform ongoing implementation of CERP strategies and, to the extent possible, how these strategies resulted in lowering emissions in the community.

Additionally, the report will include a complete accounting of all projects, emissions reductions, and associated co-benefits implemented as a result of AB 617 program implementation in the community of Arvin/Lamont.

The tables below illustrate the emissions reduction and project metrics that will be used to report progress made toward meeting the CSC-derived community emissions and exposure reduction goals.

Table 5-1 Target Funding and Emissions Reductions for Incentives Measures

Number	Measure	Unit Type	Units	% of Committee Support	CSC-Recommended Incentive Allocation	Target Reductions Total Lifetime Tons		
						NOx	PM2.5	VOC
Incentives - Heavy-Duty Trucks & Equipment								
1.A	Heavy-Duty Truck Replacement ^{**}	Trucks	25	79%	\$5,000,000	96	2	7
1.B	School Bus Replacement [*]	School Buses	4	81%	\$1,600,000	7	0	1
1.C	Ag Equipment Replacement ^{**}	Vehicles	50	100%	\$4,500,000	187	13	0
1.D	Alternatives to Ag Burning [*]	Acres	1000	100%	\$1,400,000	58	110	100
Incentives - Residential Benefits								
2.A	Residential Lawn/Garden Equipment [*]	Mowers	350	97%	\$175,000	0.1	0.1	2
2.B	Commercial Lawn/Garden Equipment ^{**}	Units	6	59%	\$150,000	Emissions Reductions Expected Pending CARB Methodology		
2.C	Residential Vehicle Repair [*]	Cars	450	61%	\$360,000	4	0	0
2.D	Residential Vehicle Replacement [*]	Cars	200	55%	\$4,000,000	1.9	0.1	0
Incentives - Community Services								
3.A	Car Sharing Program	Program	4	Reassessing CSC support	\$250,000	Emissions Reductions Expected Pending CARB Methodology		
3.B	Urban Greening [*]	Trees	500	54%	\$500,000	Emissions Reductions Expected Pending CARB Methodology		
3.C	Vegetative Barriers [*]	Trees	500	81%	\$500,000	0.25	0.01	0
3.D	Road Improvements, Sidewalks & Bike Paths [*]	Projects	6	77%	\$12,000,000	18.6	10.2	37.8
3.E	Public Fleet Vehicles ^{**}	Vehicles	20	Reassessing CSC support 59%	\$400,000	0.1	0	0.1
3.F	Incentives for ebikes [*]	Bikes	TBD with CSC	Reassessing CSC support 55%	No CERP Funding	Emissions Reductions Expected Pending CARB Methodology		
<p><u>*New program or incentives greater than existing program</u> <u>**Enhanced access, priority for current program</u></p>								
Total Estimated Emissions Reduction Target (tons)						372.5	135.4	148.3
						NOx	PM2.5	VOC

Table 5-2 Metrics to Track Regulations, Enforcement, Partnerships, and Outreach Measures

Number	Measure	Metric(s)	Commitment	Communication of Progress to CSC	Report Frequency Timeframe
Regulations and Enforcement					
4.A	Enhanced Inspection Frequency	<ul style="list-style-type: none"> Inspections 	2 inspections per year for facilities with emissions violations	Facility names Violation Description Inspection Dates	Quarterly 5 years
4.B	Stationary Source Rulemaking	<ul style="list-style-type: none"> Regulations 	8 rules	Workshop Opportunities Public notices	Monthly Until rulemaking complete
4.C	Expedited AB 2588 Assessment	<ul style="list-style-type: none"> Facility Assessments 	All facilities within Arvin/Lamont Boundary	Facility names Prioritization Next Steps (as needed)	Monthly 5 years
4.D	Fugitive Dust Enforcement	<ul style="list-style-type: none"> Inspections 	1 targeted enforcement effort in 2nd and 3rd quarter	Facility names Violation Description Inspection Dates	Quarterly 5 years
4.E	Heavy-Duty Idling Enforcement	<ul style="list-style-type: none"> Inspections 	1 targeted enforcement effort each quarter	Violation Location Violation Description Inspection Dates	Quarterly 5 years
Agency Partnerships					
5.A	Pesticide Measures	<ul style="list-style-type: none"> Monitoring Efforts Notification Progress 	Expanded monitoring, analysis, & notification development	Workshop Opportunities Public notices Monitoring Progress	Monthly 5 years
5.B	Support Land Use Agencies	<ul style="list-style-type: none"> Meetings 	1 District meeting per quarter with land use agencies	Public Engagement Opportunities Meeting Outcomes	Quarterly 5 years
5.C	Heavy-Duty Truck Rerouting	<ul style="list-style-type: none"> Project Progress 	Follow ongoing effort to assess truck route alternatives	Public Engagement Opportunities Meeting Outcomes	Quarterly 5 years
5.D	Address Potential Impacts From Idle Oil Wells In Community	<ul style="list-style-type: none"> Public Meetings Community Engagement 	District to inform CSC of opportunities to engage with CalGEM to prioritize idle wells	Public Engagement Opportunities Meeting Outcomes	Quarterly 5 years
Outreach					
6.A	Community Awareness and Knowledge of Air Quality	<ul style="list-style-type: none"> Community Meetings Targeted Social Media Ads 	4 meetings per year 1 social media campaign per year	Meeting Notices Social Media Campaign Concepts	Quarterly 5 years
6.B	Illegal Burning Outreach	<ul style="list-style-type: none"> Community Meetings 	4 meetings per year	Meeting Notices	Quarterly 5 years
6.C	HAL Schools Program & Emission Free Zone	<ul style="list-style-type: none"> Signs for Schools HAL Schools Enrollment 	Enroll and give signs to all schools in Arvin/Lamont boundary	School Outreach Concepts HAL Schools Feedback	Quarterly 5 years