

Community CERP Measure Room Walk

Stockton CSC Meeting

April 2, 2025

Heavy-Duty Measures

- Heavy-Duty Truck Replacement
- Locomotive Switchers
- Heavy-Duty Charging Infrastructure

Heavy-Duty Truck Replacement

	Target in CERP	What progress have we made?	= Remaining Work To Do
Funding	\$6,000,000	\$0	\$6,000,000
Units	30 Units	0 Units	30 Units
Emissions & Exposure Reductions (NOx + PM2.5)	117 tons	0 tons	117 tons

What comes next?

District working with local businesses (ex. Kingsburg Trucking) to conduct outreach on truck replacement program including attending outreach events (ex. One-Stop Truck events)

Railcar Movers/Switchers

	Target in CERP	What progress have we made?	= Remaining Work To Do
Funding	\$6,800,000	\$0	\$6,800,000
Units	4 Units	0 Units	4 Units
Emissions & Exposure Reductions (NOx + PM2.5)	514 tons	0 tons	514 tons

How do we plan to complete remaining work?

District continues seeking opportunities with measure, including federal grants to allow for maximum funding to replace locomotives. As needed, funds in measure will be reallocated to other in-demand CERP measures.

Heavy-duty Electric Vehicle Charging Infrastructure

	Target in CERP	What progress have we made?	= Remaining Work To Do
Funding	\$1,000,000	\$1,000,000	\$0
Units	1 Charging Station	1 Charging Station	
Emissions & Exposure Reductions (NOx + PM2.5)	No Measurable Emissions Reductions Supports Emissions Reduction Measures		

MEASURE COMPLETE

Construction of depot chargers is complete and station is in operation at Sunrise Sanitation

Community & Schools Measures

- Car Share Program
- Urban Greening & Vegetative Barriers
- Electric School Buses
- Installation of EV Charging Infrastructure
- Bike Path Infrastructure
- Commercial Lawn and Garden

Car Share Program

	Target in CERP	What progress have we made?	= Remaining Work To Do
Funding	\$1,000,000	\$1,000,000	\$0
Units	1 car share project	1 car share project	
Emissions & Exposure Reductions (NOx + PM2.5)	Pending Calculation Methodology		

What comes next?

Project partner (Housing Authority of the County of San Joaquin) continuing initial operations and developing outreach and marketing materials

Urban Greening

	Target in CERP	What progress have we made?	= Remaining Work To Do
Funding	\$1,000,000	\$1,000,000 (100%)	\$0
Units	Plant 500 trees	Finalized contract	Plant trees!
Emissions & Exposure Reductions (NOx + PM2.5)	No Measurable Emissions Reductions Health Protective Exposure Reductions		

What comes next?

District finalized contract with Little Manila Rising, Little Manila Rising now working on, hiring, plotting and coordinating plantings for Fall 2025

Vegetative Barriers

	Target in CERP	What progress have we made?	= Remaining Work To Do
Funding	\$1,000,000	\$1,000,000	\$0
Units	Plant 350 projects	Finalized contract	Plant trees!
Emissions & Exposure Reductions (NOx + PM2.5)	No Measurable Emissions Reductions Health Protective Exposure Reductions		

What comes next?

District finalized contract with Little Manila Rising, Little Manila Rising now working on hiring and coordinating plantings for Fall 2025 with partner, Hyphae Design

School Bus Replacement

	Target in CERP	What progress have we made?	= Remaining Work To Do
Funding	\$4,000,000	\$2,760,736	\$1,239,264
Units	10 Units	10 Units	3 Units
Emissions & Exposure Reductions (NOx + PM2.5)	18.3 tons	4.3 tons	14 tons

What comes next?

Stockton Unified experiencing delays with school bus manufacturer, once buses are available, they will be delivered to SUSD for use

Electrical Vehicle Charging

	Target in CERP	What progress have we made?	= Remaining Work To Do
Funding	\$375,000	\$155,000	\$220,000
Units	15 Units	27 Units	Approx. 8 Units
Emissions & Exposure Reductions (NOx + PM2.5)	No Measurable Emissions Reductions Health Protective Exposure Reductions		

How do we plan to complete remaining work?

District will continue outreach to local agencies (City, County, SJCOG) and businesses within Stockton boundary

Bike Path Infrastructure

	Estimated Emissions Reductions	What progress have we made?	= Remaining Work To Do
Funding	\$500,000	\$500,000	\$0
Units	1 project	1 project	
Emissions & Exposure Reductions (NOx + PM2.5)	3.73 tons	0 tons	3.73 tons

What comes next?

City signed funding agreement on 3/24/25; District to fully execute agreement in the coming weeks

Project commencement: Late Spring/Summer 2025

Commercial Lawn/Garden Equipment

	Target in CERP	What progress have we made?	= Remaining Work To Do
Funding	\$486,627.10	\$486,627.10	\$0
Units	139 Units	139 Units	0 Units
Emissions & Exposure Reductions (NOx + PM2.5)	Pending Calculation Methodology		

MEASURE COMPLETED

Stockton Unified working on purchasing equipment

Residential Measures

- Fireplace Change-Out
- Vehicle Replacement
- Clean Air Rooms
- Residential Lawn and Garden
- Vehicle Repair

Replace Wood Burning Devices

	Target in CERP	What progress have we made?	= Remaining Work To Do
Funding	\$415,000	\$83,850	\$331,150
Units	100 Devices	20 Devices	80 Devices
Emissions & Exposure Reductions (NOx + PM2.5)	49 tons	7.8 tons	41.2 tons

How do we plan to complete remaining work?

Work with CSC on outreach campaigns, continue to educate residents regarding harmful effects of wood smoke.

Incentives for Vehicle Replacement

	Target in CERP	What progress have we made?	= Remaining Work To Do
Funding	\$6,800,000	\$2,760,481	\$4,039,519
Units	385 vehicles	137 vehicles	248 vehicles
Emissions & Exposure Reductions (NOx + PM2.5)	2.5 tons	0.789 tons	1.711 tons

How do we plan to complete remaining work?

CSC recently reallocated \$4M to this measure to allow additional residents participate in program. Valley CAN looking to re-open Vehicle Replacement Workshops in April.

Residential Air Filtration

	Target in CERP	What progress have we made?	= Remaining Work To Do
Funding	\$1,000,000	\$242,916	\$757,084
Units	5,000 devices	1,244 devices	3,756 devices
Emissions & Exposure Reductions (NOx + PM2.5)	No Measurable Emissions Reductions Health Protective Exposure Reductions		

How do we complete remaining work?

District staff attending community events, passing out flyers at schools and community centers, and physically distributing free devices

District will continue to work with CSC on potentially expanding program eligibility

Residential Lawn/Garden Equipment

	Target in CERP	What progress have we made?	= Remaining Work To Do
Funding	\$320,000	\$77,817	\$242,183
Units	650 Devices	227 Devices	about 423 Devices
Emissions & Exposure Reductions (NOx + PM2.5)	0 tons	0.12 tons	0 tons

How do we plan to complete remaining work?

Planning combined Tune-In Tune-Up + Lawnmower Trade-in Event on
Saturday, June 28, 2025 @ San Joaquin Fairgrounds

Will continue posting on social media and advertising at outreach events

Incentives for Vehicle Repair

	Target in CERP	What progress have we made?	= Remaining Work To Do
Funding	\$300,000	\$0	\$300,000
Units	375 repairs	0 repairs	375 repairs
Emissions & Exposure Reductions (NOx + PM2.5)	3.7 tons	0 tons	3.7 tons

How do we plan to complete remaining work?

Planning combined Tune-In Tune-Up + Lawnmower Trade-in Event on
Saturday, June 28, 2025 @ San Joaquin Fairgrounds

Will continue posting on social media and advertising at outreach
events

Outreach Measures

- Multilingual Outreach
- Illegal Burning
- Outreach on Wood Burning Impacts
- Healthy Air Living Schools

Multilingual Outreach

CERP Commitment: Increase community awareness of available tools to keep informed of real-time changes in air quality, clean air efforts and how communities can get involved through multi-lingual educational campaigns, videos and partner workshops

Status: Distributed bilingual Healthy Air Living Kids' Calendars to schools, partnered with a food distributor to enroll residents in the CAR program, and engaged community organizations to promote clean air initiatives. Outreach efforts included social media, e-newsletters, and direct communication to raise awareness of funding for Clean Air Centers and Clean Alternatives to Fireworks.



Illegal Burning Activity Outreach

CERP Commitment: Continuous outreach and education on the harmful effects of burning trash

Status: Bilingual billboard campaign. Ongoing announcements on District social media and outreach events to educate residents that it is illegal to burn trash



Outreach on Health Effects of Wood Burning

CERP Commitment: Conduct outreach in the community to educate residents regarding the harmful health effects of residential fireplace wood burning and the importance of reducing it

Status: Created and published a bilingual **Types of Burning in the Valley** brochure to educate residents, designed a **File an Air Pollution Complaint** magnet and flyer to highlight reporting options, and continue to promote AirNow.gov on social media to help residents monitor air quality for their health.

File an Air Pollution Complaint
Reporte una Queja de Contaminación del Aire

**"Valley Air" App**
Download the free app
Descargue la aplicación gratis
valleyair.org/app



**Online/En línea**
valleyair.org/complaints



**Phone/Teléfono**
Northern Region/*Región del Norte*: 1-800-281-7003
📍 San Joaquin, Stanislaus & Merced
Central Region/*Región Central*: 1-800-870-1037
📍 Madera, Fresno & Kings
Southern Region/*Región del Sur*: 1-800-926-5550
📍 Tulare & Kern (Valley portion/*Porción en el Valle*)

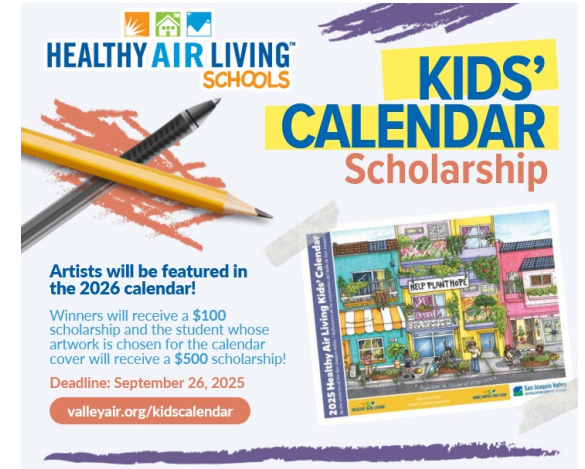
 **San Joaquin Valley**
AIR POLLUTION CONTROL DISTRICT.

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HAL Schools Outreach

CERP Commitment: Enroll all schools within the boundary into the HAL Schools program (5 different districts)

Status: All schools enrolled. District staff is attending spring events and carnivals at schools to share information with students, parents and staff about air quality tools and resources



Compliance Measures

- Enhanced Stationary Source Inspections
- Enhanced Enforcement of Fugitive Dust Requirements (Regulation VIII)
- Enhanced Enforcement of Statewide Anti-idling Regulation

Enhanced Inspection Frequency

CERP Commitment: For facilities with recent emissions violations, District has been conducting 2 inspections per calendar year for 5 years or until 4 consecutive inspections with no violation

Status: See updated quarterly enforcement report for detailed recent inspections

Fugitive Dust Enforcement

CERP Commitment: Targeted enforcement of the District's fugitive dust rules and regulations from April-October, when dust tends to be the worst

Status: See updated quarterly enforcement report for detailed recent inspections

Enhanced Enforcement of Statewide Anti-Idling Regulation

CERP Commitment: Targeted surveillance of idling trucks every quarter of the year to ensure compliance with the California Air Resources Board anti-idling regulations

Status: See updated quarterly enforcement report for detailed recent inspections

Increased Educational Training for EV Mechanics

	Target in CERP	What progress have we made?	= Remaining Work To Do
Funding	\$150,000	\$0	\$150,000
Units	Support EV mechanic training program		
Emissions & Exposure Reductions (NOx + PM2.5)	No Measurable Emissions Reductions Health Protective Exposure Reductions		

How do we complete remaining work?

Outreach to San Joaquin County Office of Education complete.
There are existing EV mechanic training programs for which the funding might be used to conduct outreach and support.

Heavy Duty Truck Rerouting

Allocated Funding: \$500,000

Status: District has been coordinating with Port of Stockton on ongoing Port of Stockton truck reroute study and continuing to seek opportunities to leverage findings and support study implementation

Reduce VMT and Support Projects to Reduce Vehicle Miles Traveled

CERP Commitment: Inter-agency collaboration to promote environmentally mindful alternative commute options through early discussion of related land use planning initiatives.

Status: District regularly meets with City and other agency stakeholders to promote and support strategies that reduce VMT

Risk Assessment

CERP Commitment: Assess all 153 facilities in the Stockton AB 617 boundary as directed by Assembly Bill 2588 (Facility Risk Assessment & Risk Reduction)

Status: 153 facilities have been processed. See report.

Evaluation of Rules

CERP Commitment: 8 rule evaluations

Rule	Stationary/Area Source Category	Rule Development Status
4901	Wood burning fireplaces and heaters	Rule Amended June 20, 2019
4311	Flares	Rules amended December 17, 2020
4306 & 4320	Boilers, steam generators, and process heaters	
4702	Internal combustion engines	Rule amended August 19, 2021
4692	Under-fired charbroilers at commercial restaurants	Rule amendment evaluation ongoing
4354	Glass Melting Furnaces	Rule amended December 16, 2021
4352	Solid-Fuel Fired Boilers	Rule amended December 16, 2021

These rules will achieve over **2,100 tons** of NO_x, PM_{2.5}, VOC, & SO_x emissions reductions **per year**

CSC was invited to participate in public workshops to discuss rule development. As more rules are adopted in the coming years, District will continue to seek input and participation from communities.

Evaluation of BARCT Requirements

Rule	Title	BARCT Status
4454	Refinery Process Unit Turnaround	Meets Best Available Retrofit Control Technology (BARCT)
4641	Cutback, Slow Cure, And Emulsified Asphalt, Paving And Maintenance Operations	Meets BARCT
4104	Reduction of Animal Matter	Meets BARCT
4409	Components at Light Crude Oil Production Facilities, Natural Gas Production Facilities, and Natural Gas Processing Facilities	Rule amended June 15, 2023
4455	Components at Petroleum Refineries, Gas Liquids Processing Facilities, and Chemical Plants	Rule amended June 15, 2023
4623	Storage of Organic Liquids	Rule amended June 15, 2023
4624	Transfer of Organic Liquids	Rule amended June 15, 2023
4401	Steam-Enhanced Crude Oil Production Wells	Rule amended June 15, 2023
4702	Internal Combustion Engines (VOC only)	Rule amended August 19, 2021
4694	Wine Fermentation and Storage Tanks	Meets BARCT
4603	Surface Coating of Metal Parts and Products, Plastic Parts and Products, and Pleasure Crafts	Meets BARCT
4601	Architectural Coatings	BARCT Rule Adopted April 16, 2020
4566	Organic Material Composting Operations	Meets BARCT
4625	Wastewater Separators	Meets BARCT
4621	Gasoline Transfer Into Stationary Storage Containers, Delivery Vessels, and Bulk Plant	Meets BARCT
4402	Crude Oil Production Sumps	Rule amended December 21, 2023

These rules
will achieve
over 878 tons
of NOx & VOC
emissions
reductions
per year