

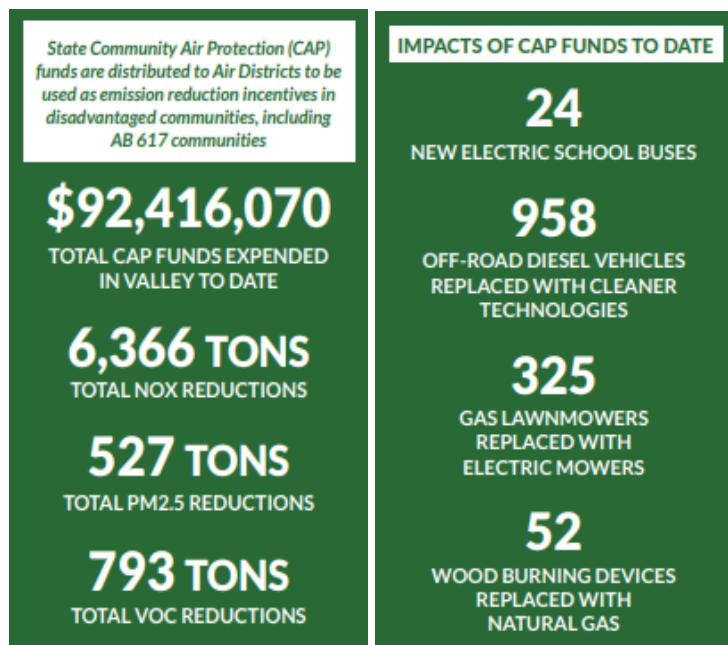
Draft 2022 Shafter Community Emissions Reduction Program Annual Report

September 22, 2022

SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT

COMMUNITY AIR PROTECTION PROGRAM IMPLEMENTATION IN THE VALLEY

The communities of Shafter, South Central Fresno, Stockton and Arvin/Lamont have been prioritized by the San Joaquin Valley Air Pollution Control District (District) and subsequently selected by the California Air Resources Board (CARB) as communities in the San Joaquin Valley to receive clean air resources available under AB 617. AB 617 provides mechanisms and resources to implement community-specific air quality monitoring networks; to develop, implement, and track emission reduction programs; to improve availability of data and other technical information; and to invest substantial funding in the community through voluntary incentive funding measures. Importantly, these measures are guided by advice and knowledge of local community members, through their input and involvement on Community Steering Committees (CSCs) for each AB 617-selected community.



The District continues to collaborate with each of the CSCs, made up of residents, and representatives from local non-profits, businesses, and agencies, to prioritize and implement the measures included in the District Governing Board-adopted, CARB-approved Community Emission Reduction Programs (CERPs). These efforts include engaging with Valley residents, businesses, agencies, and other stakeholders to identify and implement clean air measures and investments in the selected communities. Since adoption of the CERPs, the District has been working closely with the CSCs and local partners to implement CERP measures designed to reduce air pollution and exposure in the communities. In addition to the CERP implementation work, the District has worked diligently to implement the Community Air Monitoring Plans in consultation with the CSCs, with extensive air monitoring now being deployed and conducted in each of the communities.

Implementation Progress in Shafter

The community of Shafter was prioritized by the Air District and subsequently selected by the California Air Resources Board (CARB) as one of two first-year communities in the San Joaquin Valley to receive clean air resources newly available under AB 617. Shafter, located in the southern end of the Central Valley in Kern County, has a current estimated population of approximately 19,000, and is surrounded by farmlands, including dairies and agricultural fields. This community is impacted by rural sources of emissions, largely outside of the community boundaries, including the agricultural and oil and gas production industries. In addition, major roadways in the community include Highway 43 and Lerdo Highway, both crossing directly through Shafter and contributing to mobile source emissions in the area. Locomotive emissions also influence the community as railroad tracks run parallel to Highway 43. Local area-wide sources such as gas stations, commercial cooking, and consumer products also contribute to the community's emissions levels.

The Shafter Community Emission Reduction Program (CERP) and Community Air Monitoring Plan (CAMP) were developed by the Community Steering Committee (CSC), San Joaquin Valley Air Pollution Control District (District), and the California Air Resources Board (CARB), with the support of local agency partners within the Shafter community. Since CERP adoption by the District Governing Board in September 2019, the District has continued to meet with the Shafter CSC to prioritize and implement the community-developed clean air measures and solicit feedback on how to continue enhancing the CERP. The District has also invested significant staff time researching, developing, procuring, and deploying new air monitoring equipment for the community air

monitoring network within the Shafter community based on the community-developed CAMP, regularly informing the committee about community air monitoring results and efforts.

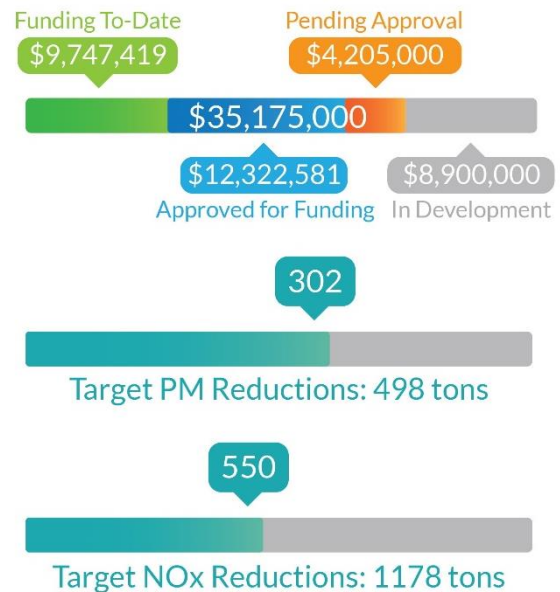
Through the adopted CERP, the District working with the CSC, CARB, agency partners, local businesses, and other community partners will look to invest over \$38 million in emission reduction grants for a variety of clean air projects in the Shafter area. As included in the CERP, these measures will reduce 265 tons of PM_{2.5}, 1,718 tons of NO_x, and significant air toxics emissions in the community, particularly with respect to diesel particulate matter from mobile sources, the main contributor to community air toxics health risk. To date the Shafter community has made significant progress in reducing emissions through implementation of various incentives, enforcement, regulatory, mitigation, and outreach measures.

This report summarizes the progress of CERP implementation in Shafter from September 1, 2021 to August 31, 2022.

SHAFTER COMMUNITY ENGAGEMENT

To ensure successful implementation of AB 617, residents, businesses, non-profits, agencies, and other stakeholders within Shafter have been fully engaged in both English and Spanish. The District has ensured that the CSC meetings continue to facilitate inclusive and balanced public engagement by providing:

- Monthly evening meetings via Zoom, with technical assistance provided to residents and stakeholders upon request
- Continued real-time interpretation services through two Spanish interpreters at each meeting
- Meeting materials posted ahead of meeting, and send in hardcopy for Spanish-only speakers to facilitate more productive virtual meeting environments
- Monthly agenda-setting meetings with District, stakeholders, community co-hosts, CARB, and a third-party facilitator to collectively set expectations and plan for upcoming CSC meetings
- Expert presentations from partner agencies such as CARB, California Department of Pesticide Regulation (DPR), California Public Utilities Commission (CPUC), and Office of Environmental Health Hazard Assessment (OEHA)
- A comprehensive and dedicated bilingual webpage with tools to view real-time air quality monitoring data and maps of emissions
- Neutral meeting facilitation by a community-recommended facilitation team to ensure meetings are inclusive and neutral by bringing out different points of view and preventing individuals from monopolizing discussions
- Weekly phone calls and text exchanges with our Spanish speaking CSC members to ensure they are engaged in the process



SHAFTER COMMUNITY STEERING COMMITTEE

24

COMMITTEE MEMBERS

48

MEETINGS

Ensuring effective steering committees as described above requires substantial investment of staffing and other resources to schedule, organize, and facilitate frequent after-hours public meetings with extensive related investigation and communications. The District has also continued to conduct public workshops throughout the Valley as needed to solicit additional community input while using outreach and media events as opportunities to discuss AB617 and promote the various grant programs available. Additionally, District staff provides updates and seeks feedback from the Citizens Advisory Committee (CAC) and Environmental Justice Advisory Group (EJAG) as the implementation of AB 617 in the Valley continues to develop.

Involving the public in the CERP implementation process continues to be a priority of the CSC and the District. All CSC meetings are promoted on social media and live streamed on Facebook with the meeting videos archived on the Shafter community webpage: <http://community.valleyair.org/selected-communities/shafter/>.

Community Participation and Ongoing Resident Stipend Program

CSCs meet regularly, requiring ongoing participation and a significant time commitment from community residents, business owners, and other stakeholders. In most cases, steering committee meetings occur in the evenings and may draw attendees away from their families and other obligations. Community-resident steering committee members are not paid and do not have expenses reimbursed to participate in the process or attend these meetings. Providing stipends to help cover some time and expenses associated with attending meetings is an important way to support this critical participation and encourage sustained and meaningful community engagement throughout these processes. Towards that end, and in response to several residents and community advocates on the Shafter CSC, CARB developed new statewide guidance encouraging districts to work with steering committees in developing stipend programs for resident members of steering committees.

On August 20, 2020, the District's Governing Board responded to the community needs and approved District staff's recommendation to provide stipends to eligible resident steering committee members, effective retroactively for participation beginning on January 1, 2020. Since last year, resident members of the CSC, who do not receive other compensation for their attendance at such meetings, may request a stipend to offset the cost of participating in each regular CSC meeting. Eligible residents may receive a \$75 stipend per CSC meeting when their attendance is verified on the meeting roll-call list or sign-in sheet and were present for at least 75% of the scheduled meeting (equivalent to missing up to 30 minutes of a scheduled 2 hour meeting). Residents will receive stipends for attending up to fifteen (15) CSC meetings in a calendar year, for a total cost of up to \$1,125 per year. The stipends for resident steering committee members would be subject to the availability of state AB 617 funding and approved allocation in the District's Budget on an annual basis.

CERP IMPLEMENTATION OVERVIEW

Since the last annual reporting period, the District has continued to work with the Shafter CSC members, members of the public, businesses, local, state, and federal agencies, and other stakeholders to implement the considerable number of air quality improvement measures included in the Shafter CERP. Based on a 2022 prioritization [exercise with the CSC](#), the District has focused efforts on implementing the top-ranked Shafter CERP Measures, as described below. For a list of all CERP measures, including a status of implementation, see Appendix A.

Status of Top-Ranked Shafter CERP Measures

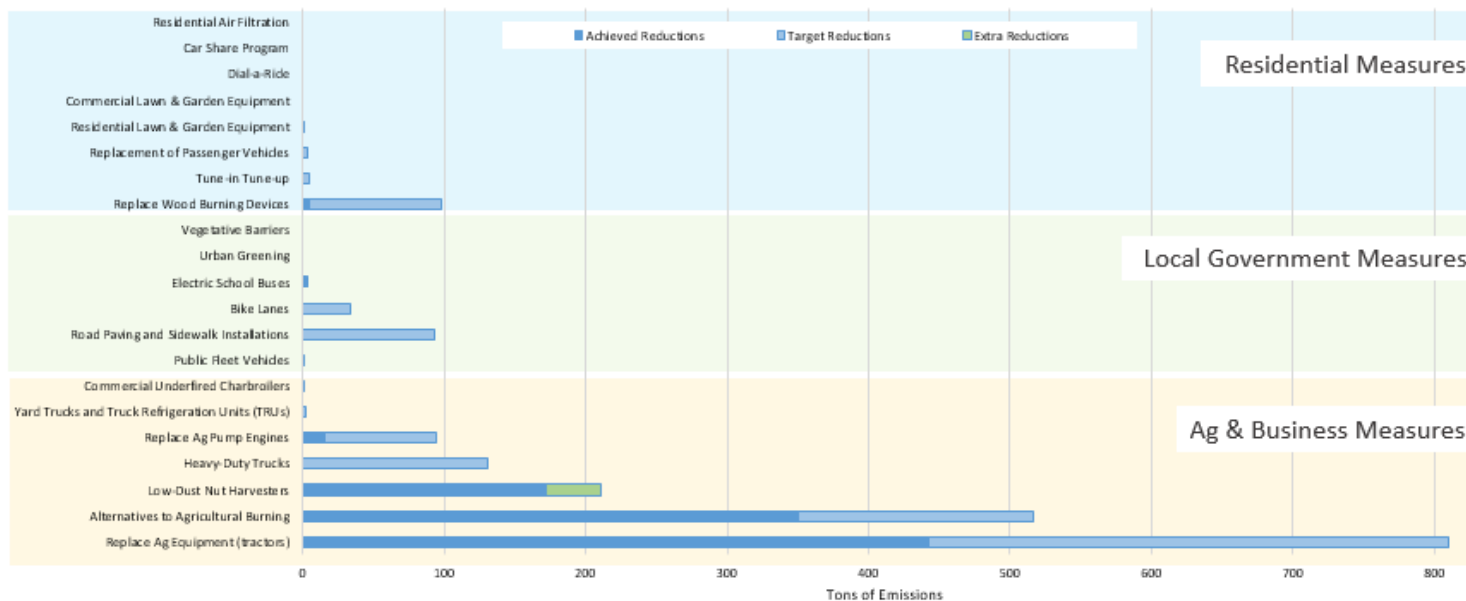
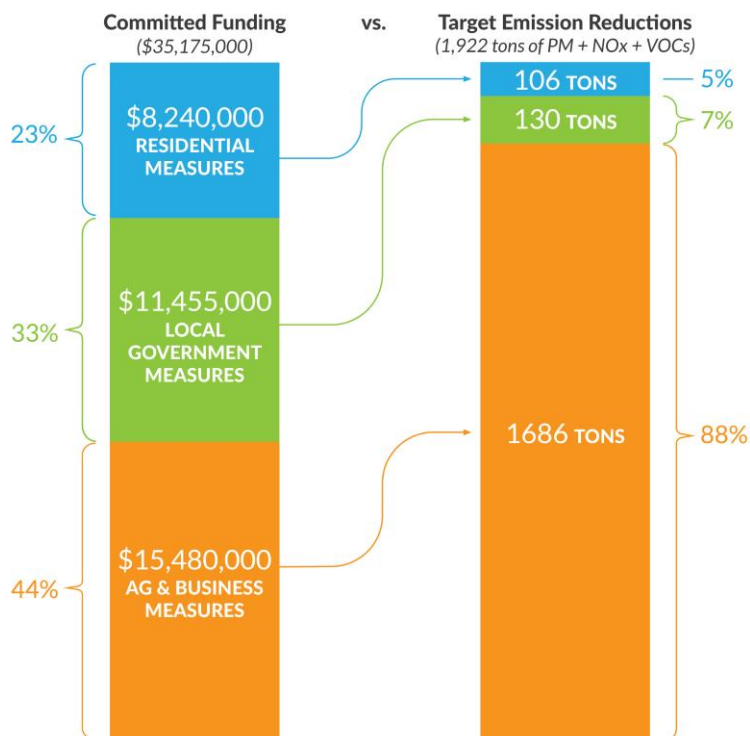
Measure Number	Rank in Category	Measure Description	Status as of 7/31/2022
Community Measures			
RB.1	1	Replace Wood Burning Devices	<p>In Progress Allocated Funding: \$600K CSC-Supported Updated Funding: \$800K</p> <p>Funding Spent: \$45,000 Emissions Reductions Achieved: 6.6 tons PM2.5</p> <ul style="list-style-type: none"> CSC supported increasing funding amount for replacement from \$3,000 to \$4,000 per household, in order to reduce out-of-pocket costs for residents <p>15 wood burning devices removed and replaced with natural gas through this measure</p> <p>Expected District approval of program changes: September 2022</p>
UG.1	2	Incentives for Urban Greening	<p>In Progress Allocated Funding: \$50K</p> <ul style="list-style-type: none"> CSC approved release of final Request for Proposals (RFP) with community feedback included RFP open through September 2022 <p>Expected award of CSC-recommended contractor: Q4 2022</p>
SC.1	3	Incentives for School Air Filtration	<p>CSC recommended reallocation Allocated Funding: \$250K</p> <ul style="list-style-type: none"> Air District and CSC members engaged with area schools eligible for funding throughout 2020-2022 Due to state and federal relief funding as a result of the worldwide pandemic, schools no longer needed funding to upgrade air filtration <p>CSC recommended reallocating to NEW measure for residential & daycare air filtration</p> <p>Expected District approval of new program: September 2022</p>
Agricultural Measures			
A.3	1	Alternatives to Agricultural Burning	<p>In Progress Allocated Funding: \$1M</p> <p>Funding Spent: \$838,550 Emissions Reductions Achieved: 127 tons PM2.5, 86 tons NOx, 137 tons VOC</p> <p>1,491 acres of material used alternatives to burning through this measure</p>

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Measure Number	Rank in Category	Measure Description	Status as of 7/31/2022
A.2	2	Low-Dust Nut Harvesters	<p>Complete Allocated Funding: \$2.5M</p> <p>Funding Spent: \$2.5M Emissions Reductions Achieved: 138 tons PM2.5, 34 tons NOx</p> <p>25 low-dust harvesters have been replaced through this measure</p>
A.5	3	Replace Diesel Ag Pump Engines with Electric Motors	<p>In Progress Allocated Funding: \$230K</p> <p>Funding Spent: \$42K Emissions Reductions Achieved: 1 ton PM2.5, 15 tons NOx</p> <p>1 engine has been replaced through this measure</p>
Heavy-Duty Incentives Measures			
HD.1	1	Replace Heavy-Duty Diesel Trucks	<p>In Progress Allocated Funding: \$4M</p> <ul style="list-style-type: none"> • Updated CARB Moyer guidelines were adopted for District program April 2022 • District working with CSC to identify small fleet owner/operators to prioritize outreach and funding availability
HD.2	2	Replace Diesel Yard Trucks and TRUs	<p>In Progress Allocated Funding: \$1.5M</p> <ul style="list-style-type: none"> • Updated CARB Moyer guidelines were adopted for District program April 2022 • District working with CSC to identify small fleet owner/operators to prioritize outreach and funding availability
HD.5	3	Transit Dial-a-Ride Bus Replacement	<p>In Progress Allocated Funding: \$400K</p> <ul style="list-style-type: none"> • District submitted project plan to CARB in June 2022 • District Governing Board approved program during August 2022 Board Meeting

EMISSIONS REDUCTION TARGETS AND METRICS FOR TRACKING PROGRESS

The District and CSC included a robust set of metrics to track progress in the Shafter CERP. To the maximum extent possible, the District has looked to tie emissions reductions targets to individual CERP measures. Of the 54 measures in the adopted CERP, 25 are incentive-based measures where the District and CSC worked to identify the number of units targeted for replacement, by year, throughout implementation of the CERP. The remaining measures, whether incentive-based, enforcement, outreach, mitigation, or a land use partnership, have metrics that outline the expected emissions reductions, number of planned inspection hours, scheduled meetings, or other interactions expected for the implementation of the each measure. The District continues to reassess and evaluate these metrics with the CSC as CERP implementation meetings continue. As CARB approves the District's project plans and incentive based measure spending increases, the District will keep the CSC apprised at subscription rates for the various measures and will solicit feedback on whether funding amounts need adjusting.



The CSC has made it clear that having the ability to track and measure implementation progress in English and Spanish is very important. Towards that end, the District developed a measure tracker that is updated on a monthly basis in both English and Spanish on the top of the Shafter AB 617 Community Webpage under the heading "Track Shafter Progress." District staff have taken the opportunity to share the tracker with the community on multiple occasions and have taken and incorporated feedback from CSC members.

Shafter CERP Measures Tracker:

English: <http://community.valleyair.org/shafter-tracker/>

Spanish: <http://community.valleyair.org/shafter-tracker-sp/>

INCENTIVE MEASURES

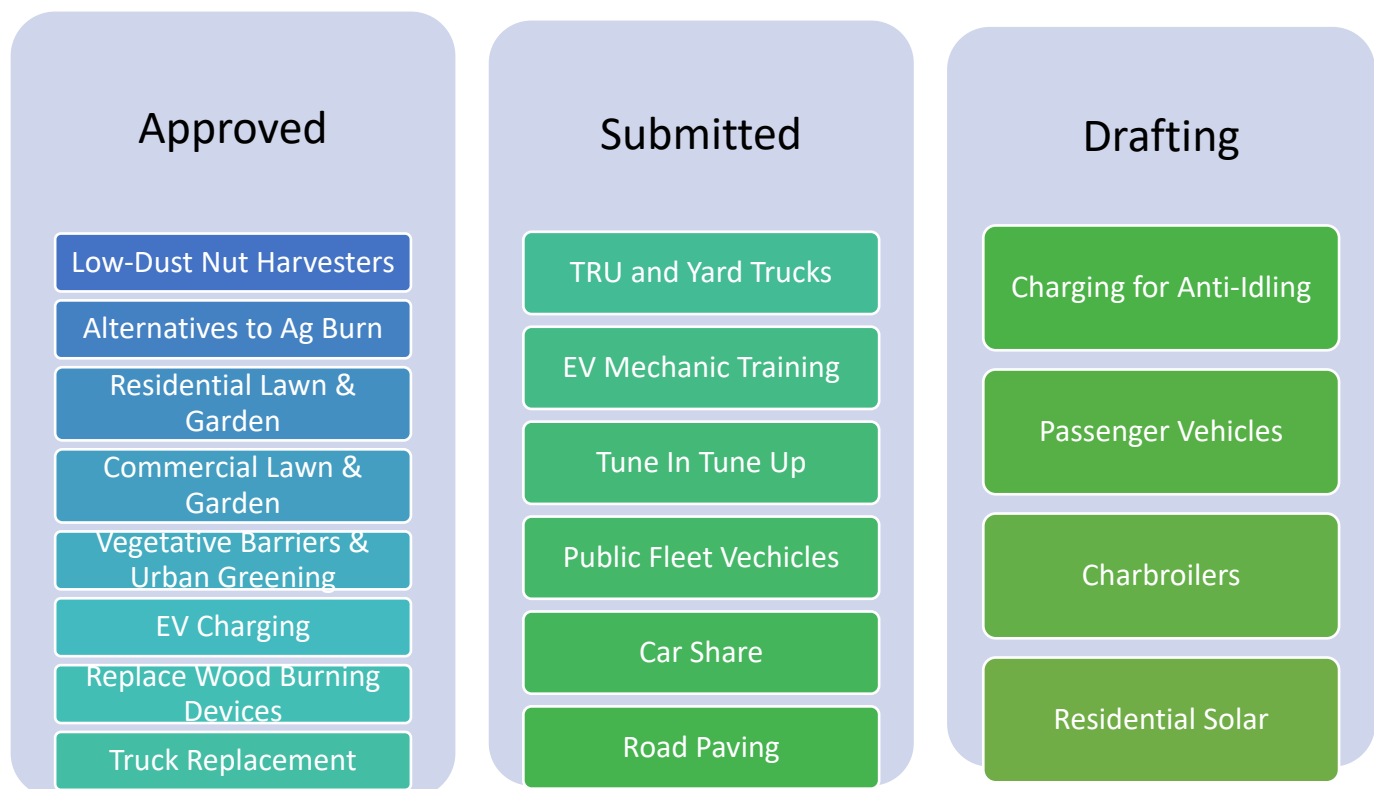
The approved CERP includes numerous incentive-based measures identified and prioritized by the CSC. These measures include a variety of projects and programs that are already approved for funding through CARB's Community Air Protection (CAP) Guidelines, including electric school bus replacement, school filtration, truck and off-road equipment replacement and alternative fuel infrastructure.

The District had been working closely with the CSC on prioritizing and implementing these measures as feasible throughout the community. The CERP also includes numerous measures that fall outside of the pre-approved program categories included in the CAP Guidelines. However, the CAP Guidelines include a process to develop project plans for these new and innovative CERP incentive measures for funding utilizing available funding.

Project Plans

For all incentive-based measures that require project plans under the CAP guidelines, the District has been working to draft and submit plans to CARB for review and approval. As project plans are pending and approved, the District has worked with the CSC to solicit outreach and implementation feedback for each measures. The figure below describes the status of the various CARB-required project plans as of September 15, 2021. For an updated list and to view project plans and CARB approval letters, visit the link below:

Project Plans: <http://community.valleyair.org/grants-and-incentives>



The CSC is notified, via email and during CSC meetings, as new project plans are developed and submitted to CARB for approval to be able to provide input and feedback on any requested changes, including possible

AB 617 RESIDENTS GET NEW ELECTRIC LAWN MOWERS

Almost 250 residents in Shafter and South Central Fresno turned in their old polluting mower and received a new Stihl cordless electric mower at AB 617 Lawnmower Trade-In events this past year. To participate, the residents had to live within the Shafter or South Central Fresno AB 617 boundary and bring in an old gas-powered lawnmower to crush. The event was part of the Valley Air District's AB 617 efforts to reduce emissions in each community.

Gas-powered yard care equipment presents a significant source of localized air pollution in Valley neighborhoods. These small engines contain no emission controls and pollute substantially more than newer passenger vehicles. Statistically, one gas lawnmower produces the equivalent in emissions of 12 late model cars operating for the same time. This is just one example of the great work being done in partnership with the community under AB 617. This event provided clean-air equipment directly to Valley residents which will help reduce emissions and improve air quality in neighborhoods throughout South Central Fresno and Shafter.

changes to the recommending funding amounts. These project plans are posted on the District's Community webpage to encourage CSC comments and feedback during the process, allowing CSC members to suggest changes to incentive measure funding amounts. The District is currently waiting for final approval on project plans for a variety of programs including the Burn Cleaner Woodstove Change-out Program and the Drive Clean in the San Joaquin Vehicle Repair and Replacement Program.

The District's Shafter-specific AB 617 incentives website (Figure 9) has a list of approved projects, submitted project plans, and guidelines for applying to the various programs:

Grants Available Now: <http://community.valleyair.org/selected-communities/shafter/grants-and-incentives/>



Community Input on Incentives Program Funding Changes

For all incentive-based measures, the District has closely monitored program demand and kept the CSC members apprised. In some cases, we have found measures that are no longer feasible as originally aspired to in CERP development.

Throughout 2022, the District has worked closely with CARB and the CSC to assess interest and support for reallocating funding, as described below.

CERP Measure	Status	Original Funding	Updated Funding
Locomotive Switchers	Few interested project partners, moved some funding to other measures	\$4.1M	\$2M
School Air Filtration	No interested project partners, moved all funding to NEW CERP measure for residential air filtration	\$250K	\$0
Residential Air Filtration	CSC interested in support residents, as well as daycare and adult care facilities	Not in CERP	\$1M
Vegetative Barriers	CSC interested in funding the previously unfunded measure to increase interest in program	\$0	\$1M
Fireplace Replacement	CSC interested in increasing incentive to cover total cost of replacement (from \$3K to \$4.1K)	\$600K	\$800K

The District will continue to work closely with the CSC throughout this process to prioritize funding in areas and programs of specific interest to the CSC and incorporate new program ideas based on CSC member feedback and as feasible.

The status of all CERP incentives measures to date are described in appendix A.

OUTREACH AND MITIGATION MEASURES

The District's Outreach and Communications team conducts multilingual air quality outreach throughout all eight counties of the San Joaquin Valley. The District coordinates events, delivers presentations, responds to the media 24/7, manages social networks, pilots outreach campaigns like the Healthy Air Living (HAL) Schools and Residential Wood Smoke Reduction Program, and connects with the public in multiple languages across any medium.

The Community Air Quality Outreach Strategy adopted as a part of the Shafter CERP was developed with the CSC to respond to the community-specific concerns and go beyond current outreach efforts. From community town hall events and workshops to billboards and in-store signage, the District and CSC outlined plans to deliver air quality education and clean air funding to the Shafter AB 617 community. This includes using traditional media like radio, TV, billboards and print; digital media like Search Engine Marketing (SEM); and social media both through paid campaigns and organic posting to engage the community.

Working with the CSC over the past year, the District shared information in English and Spanish with the Shafter community in a variety of ways, including:

- Posting billboards reminding the public not to burn trash
- Arranging social media ads pointing the public to air quality tools (Figure 11)
- Radio, social media and carteles campaign inviting businesses and the community to replace residential or commercial gas powered yard care equipment with electric (Figure 12)
- Disseminating information on vegetative barriers (Figure 13)
- Advertising the opportunity to eliminate residential wood burning through Burn Cleaner
- Frequent reminders of how to protect themselves during episodes of poor air quality

Additionally, the District placed ads on local agriculture radio programming and in regional ag industry magazines to spread the word about funding for ag burn alternatives as well as tractors, low-dust harvesters and ag pumps.

COMPLIANCE AND ENFORCEMENT MEASURES

During the development of the Shafter CERP, CSC members identified several primary sources of concern within the community. Based on the analysis of the District's enforcement history within the AB 617 community, several focused enforcement and compliance assistance measures were included in the CERP aimed at enhancing enforcement and education efforts through existing District enforcement programs to address those areas of community concern discussed below. In addition to the implementation of the enforcement measures adopted in the CERP, the District's Compliance Department has continued over the past year to promptly respond to public air pollution complaints in the community. A complete summary of complaints received and enforcement actions taken over the past year is attached to this report.

Enhanced Enforcement of Wood Burning Curtailments

To limit the potential for localized PM2.5 impacts associated with the failure to comply with mandatory episodic wood burning curtailments under District Rule 4901, the District optimizes rule effectiveness to reduce the public health impact of wood smoke, the District dedicates extensive staffing resources to operate a robust Rule 4901 enforcement program covering all aspects of the rule. The District's strategy focuses on both compliance assistance and enforcement activities. On all curtailment days, the District dedicates significant staffing resources to conducting surveillance in neighborhoods and responding to complaints from members of the public to ensure compliance with the rule. The District places fireplace surveillance and complaint response as the highest priority enforcement activity.

To address the community concern of residential wood burning, the District conducted enhanced residential wood burning surveillance within the AB 617 community on each "No Burning Unless Registered" and "No Burning for All" day declared (4 hours of surveillance per day) during the 2021-2022 wood-burning curtailment season (November 1 to February 28).

Enhanced Enforcement to Reduce Illegal Burning of Residential Waste

To limit the potential for localized PM2.5 and toxic impacts associated with the illegal open burning of residential waste and to address the community concerns in regards to illegal burning, the District conducted targeted surveillance quarterly to enforce the residential open burning prohibitions in District Rule 4103 and Title 17, California Code of Regulations, Section 93113 within the community.

Educational Billboard Placed in Shafter Community



Enhanced Enforcement of Statewide Anti-Idling Regulation

To address the community concern of heavy-duty trucks and to limit the potential for localized PM2.5 and toxic air quality impacts associated with the failure to comply with the state's heavy duty anti-idling regulation, District staff performed quarterly anti-idling surveillance. Locations where surveillance was conducted was based on CSC input provided to the District and CARB. To ensure District staff are focusing in the areas where residents are being impacted, the District has included agenda discussions in CSC meetings to provide updates on these efforts and to receive CSC feedback on areas of focus while doing surveillance and will continue to do so moving forward. District staff also spoke directly to businesses, who rely on heavy-duty trucking, identified by the CSC to provide compliance assistance and education regarding the state's anti-idling Airborne Toxic Control Measure requirements and steps to be taken to ensure compliance. While there were no violations discovered during the surveillance performed, the District believes that the outreach provided to businesses in the community will contribute to increased compliance with the state's requirements.

Enhanced Inspection Frequency of Stationary Sources

The District conducts inspections and investigations of permitted sources to determine compliance with a multitude of health-protective local, state, and federal air quality regulations targeting both criteria and toxic pollutants. These include (1) District rules and permit requirements; (2) statewide Airborne Toxic Control Measures; (3) statewide greenhouse gas regulations; and (4) federal New Source Performance Standards, National Emission Standards for Hazardous Air Pollutants, and Maximum Available Control Technology standards. The District closely monitors such sources and strictly enforces applicable requirements. Compliance inspections are unannounced whenever possible and involve both a physical inspection of the facility and a review of operating and monitoring records.

To address the primary community concerns of oil and gas operations and agricultural sources in addition to other permitted sources of air pollution, the District reviewed the enforcement history of all permitted facilities in the community, including those with an emissions violation within the last three years. The District committed to performing inspections of these facilities at least twice per calendar year for the next five years or until the facility has four consecutive inspections without an emission violation, whichever comes first. District staff has fully implemented this measure and continues to conduct inspections on an increased frequency each year.

Pilot Training Program for Conducting Self-Inspections at Gas Stations

To address the community concern of oil and gas operations, the District has drafted a training outline, however, due to the close one-on-one interaction that is needed to train gas station owners/operators on conducting hands-on vapor recovery system inspections, training will be postponed until COVID-related restrictions are lifted.

DISTRICT REGULATORY MEASURES

During CERP development, and throughout implementation, the Shafter CSC has worked with the District on developing measures that reduce PM_{2.5} and toxic air contaminant emissions that originate from industrial sources in and around the community. Beyond the regulations and stringent permitting requirements that are already implemented Valleywide, the District worked with the CSC to implement regulatory strategies in the following categories.

PM_{2.5} Plan Rule Updates

District staff have continued moving forward with technical evaluation and public engagement efforts for scheduled regulatory measures, with several District rules scheduled for proposed amendments in the 2021-22 timeframe. Emissions reductions achieved through the implementation of more stringent limits potentially required through these rule amendments will further contribute to reduced exposure to air pollution in the community. CSC members, members of the AB 617-selected community, and the general public are encouraged to be involved in the upcoming rulemaking process for these rules.

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

Best Available Retrofit Control Technology (BARCT)

AB 617 required districts that are in nonattainment for one or more air pollutants to adopt expedited schedules by January 2019 for the implementation of Best Available Retrofit Control Technology (BARCT). Significant work was necessary to demonstrate that existing rules met BARCT requirements or, where it was not clear that BARCT requirements were met, identify potential gaps in the existing rules, establish a rule-review schedule, and take the schedule to the District's Governing Board for approval before the deadline. The Board adopted the District's BARCT Analysis Schedule on December 20, 2018. The District is now implementing the plan, and, where necessary, develop rule amendments consistent with state BARCT requirements. The District must also share its findings with the state as CARB compiles the BARCT clearinghouse.

District's expedited BARCT Schedule: <http://community.valleyair.org/best-available-retrofit-control-technology-barct>

Since 2019, the District has performed a further BARCT analysis of 13 of the 16 rules identified, typically in the order of documented priority. Each District rule and source category are evaluated in comparison to federal and state air quality regulations, and the regulations of other air districts in California and throughout the country. The District held a public workshop on April 20, 2021 and provided a update to the public on the progress the District has made on the BARCT evaluations for 4 rules conducted in 2020 (see published report – [link](#)) and discussed the next steps associated with further evaluating the remaining District Rules for satisfying BARCT requirements. The following table summarizes the status of the BARCT rule evaluations.

Rule	Title	BARCT Status
4454	Refinery Process Unit Turnaround	Meets 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	Combined rule development public process to evaluate/implement additional BARCT requirements in progress - expediting the rulemaking efforts for three of the five rules (Rules 4623, 4624, and 4401) to streamline assessment.
4455	Components at Petroleum Refineries, Gas Liquids Processing Facilities, and Chemical Plants	
4623	Storage of Organic Liquids	
4624	Transfer of Organic Liquids	
4401	Steam-Enhanced Crude Oil Production Wells	
4702	Internal Combustion Engines (VOC only)	Rule amended August 19, 2021
4694	Wine Fermentation and Storage Tanks	Removed from Expedited BARCT Schedule
4603	Surface Coating of Metal Parts and Products, Plastic Parts and Products, and Pleasure Crafts	Meets BARCT
4601	Architectural Coatings	BARCT Rule Adopted 4/16/20
4566	Organic Material Composting Operations	Removed from Expedited BARCT Schedule
4625	Wastewater Separators	BARCT evaluation scheduled for 2021 completion
4621	Gasoline Transfer Into Stationary Storage Containers, Delivery Vessels, and Bulk Plant	BARCT evaluation scheduled for 2021 completion
4402	Crude Oil Production Sumps	BARCT evaluation scheduled for 2021 completion

The District is also working with the affected facilities to identify the potential control options that may result in additional emissions reductions. The affected facilities are providing the District with technical information and costs related to potential control options to determine the feasibility of implementing each option identified.

Technology Clearinghouse

AB 617 requires CARB to establish and maintain a statewide clearinghouse that identifies the best available control technology, best available retrofit control technology for criteria air pollutants, and related technologies for the control of TACs.

Since 2019, District staff have been participating in bi-weekly conference calls with CARB and other air district staff to discuss the proposed changes to the statewide clearinghouse and the new database and website interface that CARB and their programming consultant is creating. Through collaborative discussions, the District has provided input on facility and pollutant definitions; source category, subcategory, and classification differences; public usability and device specificity; and many other topics. To date, CARB has published an initial Technology Clearinghouse webpage¹ and has published the following prototype tools to support public needs while the remainder of the Technology Clearinghouse system is developed:

- Next Generation Technology (Released November 2019) - [Emergency Back-up Power Options for Residential Applications](#)
- Rules (Released March 2020) - [Current Air District Rules Tool](#)
- Next Generation Technology (Released June 2020) - [Emergency Back-up Power Options for Commercial Applications](#)

Additional meetings have been scheduled and significant work and testing of the new database, tools, and website is still being performed.

AB 2588 Air Toxic Hot Spots

The District's integrated air toxics program fulfills the state AB 2588, California Air Toxics Hot Spots, mandates, which are aimed at quantifying and assessing localized health risk, notifying affected residents, and reducing risk from facilities with high risk caused by air toxic emissions. The state Hot Spots Act is only one part of the District's comprehensive program to regulate air toxics in Valley communities. To achieve maximum efficiency and effectiveness, the District operates an integrated air toxics program that implements local, state, and federal mandates.

Implementation of New Criteria and Toxics Report (CTR) Regulation

Under AB 617, CARB is tasked with developing a uniform statewide system for reporting inventories for criteria and air toxic emissions for stationary sources to the public. The uniform statewide system is currently under development. The state's *Regulation for the Reporting of Criteria Air Pollutants and Toxic Air Contaminants* went into effect on January 1, 2020. This regulation requires certain facilities to report their criteria and toxic emissions to the District annually starting with the 2019 emissions year.

LAND USE MEASURES

During CERP development, and throughout implementation, the Shafter community has expressed concerns about planned industrial development, specifically distribution centers planned which can result in increased

COMMUNITY IMPROVEMENT PROJECTS IN SHAFTER AND LA COLONIA MEXICANA APPROVED BY CSC AND DISTRICT GOVERNING BOARD

CSC members identified opportunities to reduce dust from paved and unpaved roads and worked closely with the District, City of Shafter and Kern County to prioritize two road paving and sidewalk improvement projects within the community. These projects, one along State Route 43 in the City of Shafter and the other in the unincorporated community of Mexican Colony will significantly reduce road dust emissions and reduce exposure to residents while facilitating safe, alternate modes of transportation with the construction of dedicated bicycle lanes and new sidewalks. The District will enter into agreements with the City of Shafter and Kern County for the work and provide up to \$2,500,000 in funding.

"The safety that this can bring to our community will be valued so much now and in the future."

-Lynnda Martin, Shafter CSC member

¹ <https://ww2.arb.ca.gov/our-work/programs/technology-clearinghouse>

exposure to emissions for residents that live near heavy duty trucking corridors and major thoroughfares in the community. To address community member concerns, measures were included in the CERP that focused on strategies to reduce conflicting land uses in the community, as well as transportation strategies that reduce exposure to mobile source emissions resulting from land use decisions.

With active participation from Kern County and the City of Shafter in community meetings, the District and the CSC have been able to continue to work with the appropriate land use agencies to continue to move CERP measures forward.

Progress on land use measures are described in detail in Appendix A.

PESTICIDE MEASURES

The CSC identified this measure as one of their main priorities and as such, the District focused on collaborative efforts to move this measure forward, working in collaboration with the CSC, CARB, and the California Department of Pesticide Regulation (DPR) to reduce pesticide emissions, exposure, and additional notification to community residents. Since adoption and approval of the Shafter CERP, DPR has committed to continuing pesticide monitoring within the AB 617 boundary, begun discussions with the Shafter CSC on the development of a pilot notification system for Shafter, and has discussed initial statewide 1,3-D rulemaking proposals with the steering committee, which includes consideration of notification for residents as well as requirements for tarping, buffer zones, and application caps. Since February 2020, DPR has attended every Shafter CSC meeting to provide updates on progress towards meeting the state's CERP commitments.

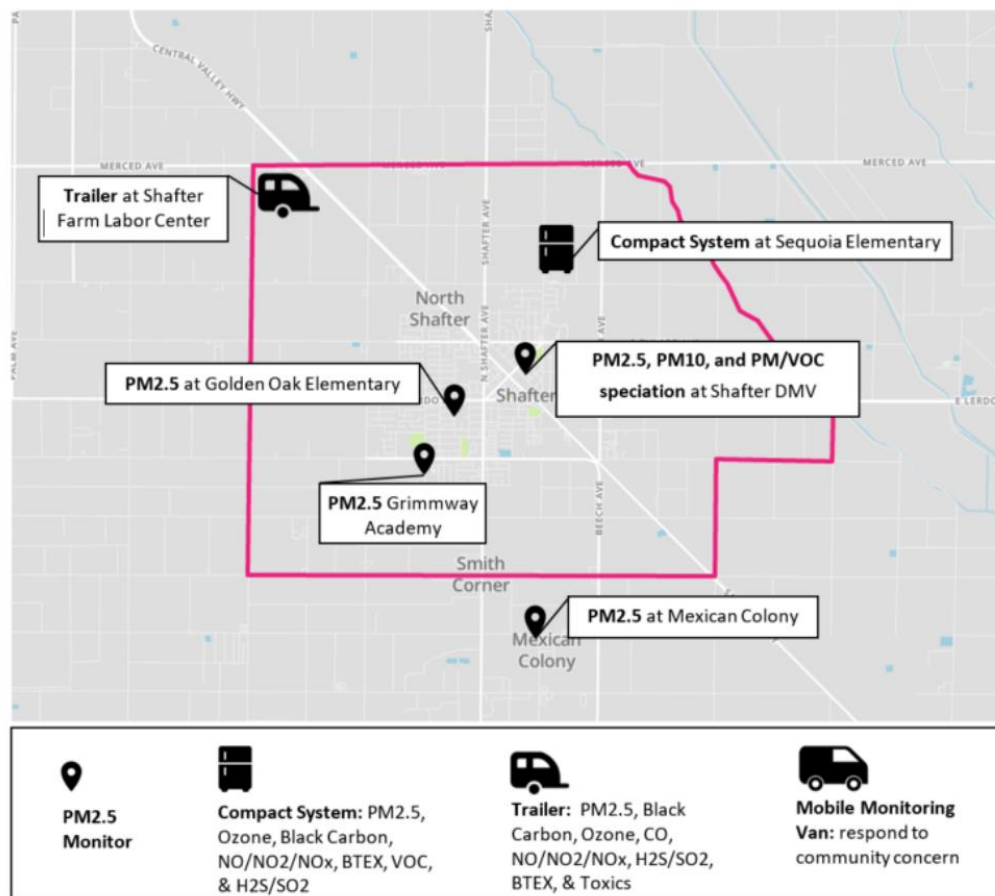
At the end of 2021, sparked by the community interest in the Shafter CERP development process and funded through a \$10M allocation in 2022-23 state budget, DPR kicked-off a process to engage community members in developing a [statewide pesticide application notification system](#). The goal of the notification system would be to provide communities with transparent and equitable access to information about pesticides applied around them, and provide an opportunity for people to make their own decisions about any additional precautions they may want to take to protect their health. Over the past year, DPR has collaborated with County Agricultural Commissioners to establish pilot notification systems in interested counties. The Shafter CSC has been at the forefront of each engagement opportunity throughout the process, including invitation to participate in early focus groups. In July 2022, a series of public workshops sought further feedback on the design and development of notification requirement, which are set to be established in a rulemaking by the end of 2023.

COMMUNITY AIR MONITORING

The District worked with the Shafter CSC to develop and deploy a community air monitoring plan consists capable of proving real-time air quality information to the community.

Throughout the past year, the District continued to engage the Shafter CSC on planning and deploying the CSC-designed Community Air Monitoring Plan. As monitoring capabilities continue to be deployed in the community, the District regularly provides updates to the Shafter CSC regarding air quality data analysis and solicits further recommendations for new monitoring sites if deployment issues arise. Consistent with the community recommended CAMP design, air monitoring systems have been fully implemented in almost all locations as described in the following figure.

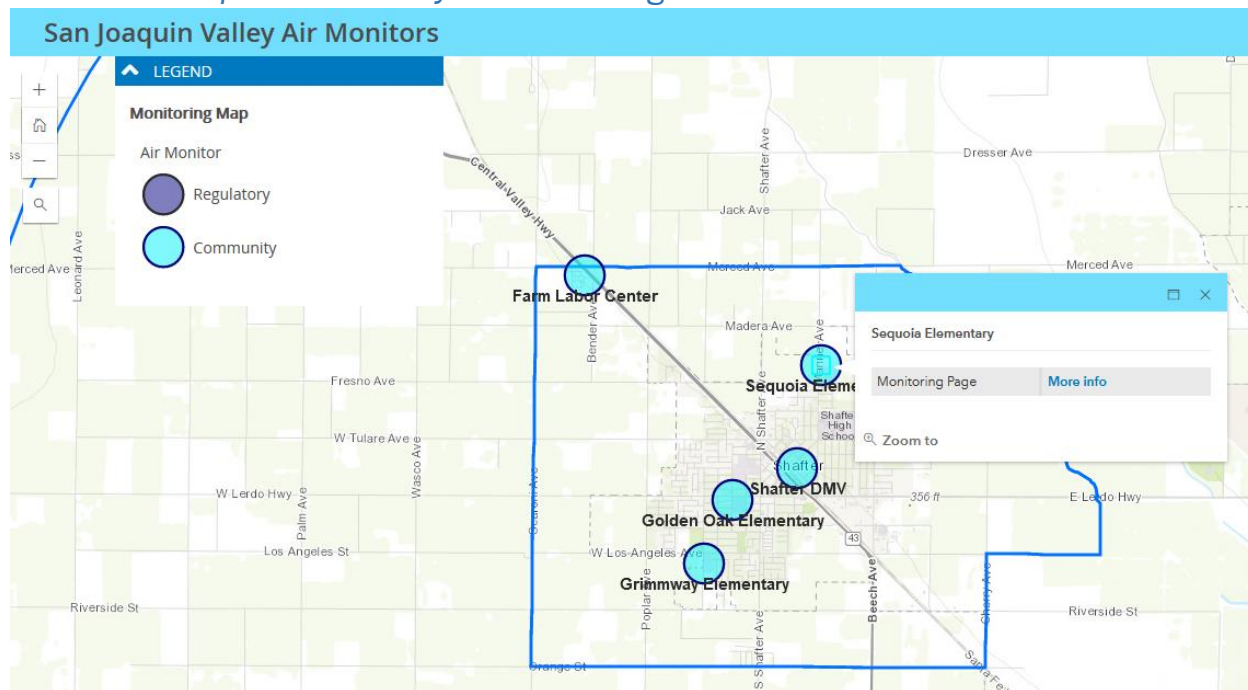
Shafter CSC-Identified Air Monitoring Network



Community Air Monitoring to Date

The District has invested an extensive amount of work into implementing the community air monitoring plan as expeditiously as possible, including researching, developing, configuring, deploying, trouble-shooting, and maintaining new state-of-the-art high precision air monitoring equipment. Real-time information, including the interactive map in the figure below, can be found at: <http://community.valleyair.org/selected-communities/shafter/community-air-monitoring/>

Interactive Map of Community Air Monitoring in Shafter



Special Project and Analysis

In addition to the stationary sites described above, the District's monitoring team has responded to community concerns using a mobile air monitoring capabilities, allowing staff to deploy criteria and toxics air monitoring technologies to currently unmonitored areas within the region. More recently, the mobile monitoring van has been used to supplement the needs of the La Colonia Mexicana community while staff work with property owners to site a stationary site.

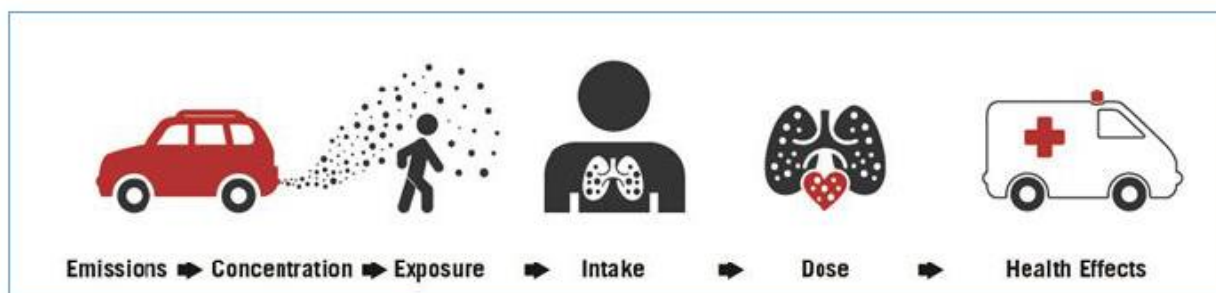
To help analyze both mobile and stationary monitoring of certain air pollutants and air toxics, the District has also contracted with analytical laboratories to conduct the needed analysis to speciate the VOC and PM_{2.5} samples being taken in the community. In addition, the District has worked closely with organizations to negotiate leases to authorize the deployment of the equipment on site, followed by logistical, electrical, and site preparation work for the installation of the air monitoring equipment.

Although an extensive amount of work has been completed to deploy and operate the air monitoring equipment, the District is still in the early stages of expanding the understanding of air quality in the Shafter community. The continued collection of air monitoring data will be valuable in providing a clearer and more complete picture of the air quality in the community.

The District has been providing regular air monitoring updates to the Shafter CSC. In addition, to ensure that the community is fully apprised of the ongoing air monitoring efforts and are receiving the latest air quality information, bilingual weekly updates, comprehensive quarterly reports, and real-time air quality information about the community air monitoring efforts in Shafter are all posted on the community webpage <http://community.valleyair.org/selected-communities/shafter/community-air-monitoring/>

HEALTH IMPACTS OF LOCAL AIR POLLUTION

As discussed in CARB's Blueprint, a core focus on achieving emissions reductions and tracking ongoing progress is needed to address public health risks that may be caused by air pollution exposure. Consideration of public health includes taking health risks into account in identifying and selecting emissions reduction strategies, evaluating health risks in the context of newly acquired air monitoring information, as well as exploring ways to better understand data on community health and its potential relationship to past or ongoing pollutant exposure. In the Blueprint CARB recognizes that individual and community health is influenced by many factors including exposure to other environmental hazards (e.g., drinking water contaminants, tobacco smoke), individual level vulnerability (e.g., diet, genetic factors), as well as structural determinants of health such as neighborhood poverty, racial/ethnic segregation, violence, access to food and health care, and lack of green space.



Towards this end, the District has gathered some baseline data in the Shafter AB 617 Community in Appendix G of the CERP and will continue to work with the Steering Committee, OEHHA, CARB, and health researchers to track and support local research efforts to understand the public health impacts of local and regional emissions reduction efforts.

APPENDIX A

CERP Progress Tracker

					CERP Commitment		Emissions Reductions Over Life of Project					
Measure Type	Measure Category	Measure	Status Update	CARB Incentives Project Plan Status	Commitment	Progress	Target NOx Reductions (total tons)	Achieved NOx Reductions (total tons)	Target PM2.5 Reductions (total tons)	Achieved PM2.5 Reductions (total tons)	Emissions Reductions (% of target)	District Contact
1. Incentives	Agriculture	Ag Equipment	Measure Complete	CARB Pre-Approved	\$5,000,000 102 tractors	COMPLETE \$4,981,867 112 tractors	410.0	414.2	30.0	28.6	442.81 tons 101%	Aaron Tarango 559-230-5873 Aaron.tarango@valleyair.org
1. Incentives	Agriculture	Alternatives to Agricultural Burning	-Multilingual radio campaign starting in March 2022 -Measure over 60% complete	CARB Approved	\$1,000,000 2000 acres	\$838,550 1,491.9 acres	116.0	86.4	220.0	127.3	213.74 tons 64%	Aaron Tarango 559-230-5873 Aaron.tarango@valleyair.org
1. Incentives	Agriculture	Low-Dust Nut Harvesters	Measure Complete	CARB Approved	\$2,500,000 25 harvesters	COMPLETE \$2,500,000 25 harvesters	42.5	34.3	90.0	137.60	171.9 tons 130%	Aaron Tarango 559-230-5873 Aaron.tarango@valleyair.org
1. Incentives	Residential	Replace Wood Burning Devices	- Radio and Social Media Ads running for 1st quarter 2022 -CSC voted to move \$200,000 from locomotive switchers to residential wood burning during July CSC meeting -District Governing Board approved increase from \$3000 per device for natrual gas, to \$4150, and from \$4,000 for electric heat pump to \$5000 Link: Available Incentives	CARB Approved	\$800,000 200 devices	\$45,000 15 devices	---	---	246.0	15.60	15.6 tons 6%	Nhia Vu 559-230-5847 Nhia.Vu@valleyair.org
1. Incentives	Agriculture	Agricultural Pump Engines	-Program guidelines already eligible for funding with CAP funding -District currently conducting outreach to potential applicants and funding projects submitted to District.	CARB Pre-Approved	\$230,000 10 units	\$42,000 1 engine	90.0	14.8	4.0	0.8	15.57 tons 17%	Jennifer Ledergerber 661-392-5533 Jennifer.Ledergerber@valleyair.org
1. Incentives	Community & Schools	Electric School Buses	-Ongoing discussions with Richland Unified on electric bus deployment and the related charging infrastructure -Working with school district to identify additional buses. Link: Available Incentives	CARB Pre-Approved	\$4,000,000 10 buses	\$1,184,139 3 buses	3.3	0.5	0.3	1.27	1.79 tons 50%	Crystal Yunker 559-230-5961 Crystal.Yunker@valleyair.org
1. Incentives	Residential	Residential Lawn & Garden Equipment	Successful in-person event held in November 2021 CSC decided not to add funding during September 2022 meeting Funding remains for about 50 units for Shafter residents	CARB Approved	\$100,000 280 units	\$75,202.95 178 units	0.1	0.1	0.7	0.04	0.0914 tons 11%	David Lopez 559-230-6144 David.Lopez@valleyair.org
1. Incentives	Business	Incentives to reduce PM from commercial underfired charbroilers	-Continuing outreach to solicit interest in program -Ongoing targeted outreach to community restaurants to take advantage of the program -Will be working with restaurant stakeholder group to assess best practices for program -Working with city and county to develop model ordinance	Drafting Plan	\$150,000 1 device	Drafting Project Plan	---	---	0.7	0.00	0 tons 0%	Jon Klassen 559-230-5809 Jon.Klassen@valleyair.org
1. Incentives	Community & Schools	Road paving and sidewalk installations	-CSC supported and District Governing Board approved funding 2 projects -Paving sidewalks and bike lanes along highway 43 (with City) -Paving sidewalks and curbs/gutters in Mexican Colony (with County) Link: Project Plan	CARB Approval Pending	\$2,775,000	\$2,500,000 Pending final contracts with City and County	26.0	---	14.3	---	0 tons 0%	David Lopez 559-230-6144 David.Lopez@valleyair.org
1. Incentives	Heavy-Duty	Deployment of Zero Emission Yard Trucks and Truck Refrigeration Units (TRUs)	-Submitted Project Plan to CARB 2/24/2021 -With updated Moyer guidelines adopted in April 2022, District looking to CAP funding guidelines and not pursuing Community Identified Project Plan at this time -Will return to CSC for direction on outreach Link: Project Plan	CARB Pre-Approved	\$1,500,000 10 new zero emission yard trucks or TRU's	\$0	1.8	0.0	0.0	0.00	0 tons 0%	Jeannine Tackett 559-230-5843 Jeannine.Tackett@valleyair.org
1. Incentives	Heavy-Duty	Heavy-Duty Trucks	-Addressed comments from CARB regarding plan and submitted revised final plan to CARB on 08/02/21 -With updated Moyerguidelines adopted in April 2022, District looking to CAP funding guidelines and not pursuing Community Identified Project Plan at this time -Will return to CSC for direction on outreach Link: Project Plan	CARB Pre-Approved	\$4,000,000 20 Trucks	\$0	131.0	0.0	0.4	0.00	0 tons 0%	Jeannine Tackett 559-230-5843 Jeannine.Tackett@valleyair.org
1. Incentives	Heavy-Duty	Railcar Movers/ Switchers	- CSC voted to reallocate nearly \$2M in funds to vegetative barriers and residential fireplace replacement (July 2022)	CARB Pre-Approved	\$2,900,000 3 units	CSC supports reallocating funds	10.3	0.0	0.2	0.00	0 tons 0%	Aaron Tarango 559-230-5873 Aaron.tarango@valleyair.org
1. Incentives	Residential	Replacement of Passenger Vehicles	- Developing project plan for CARB Approval -Once submitted District will post the guidelines to the webpage	Drafting Plan	\$6,000,000 300 vehicles	Drafting Plan	2.9	0.0	0.1	0.0	0 tons 0%	Brian Dodds 559-230-5872 Brian.Dodds@valleyair.org

						CERP Commitment		Emissions Reductions Over Life of Project					
	Measure Type	Measure Category	Measure	Status Update	CARB Incentives Project Plan Status	Commitment	Progress	Target NOx Reductions (total tons)	Achieved NOx Reductions (total tons)	Target PM2.5 Reductions (total tons)	Achieved PM2.5 Reductions (total tons)	Emissions Reductions (% of target)	District Contact
	1. Incentives	Residential	Host Tune-In Tune-Up Events within Community	-Partnered with Valley CAN who implements events -Enhanced outreach focus for online virtual event model based on COVID -19restrictions -Submitted Project Plan to CARB for review on 08/02/2021 -CARB provided feedback on Project Plan on 12/9/2021 Link: District and CARB Inventory Update Information (response 8b)	CARB Approval Pending	\$400,000	Pending CARB Approval	4.6	0.0	---	---	0 tons 0%	Brian Dodds 559-230-5872 Brian.Dodds@valleyair.org
	1. Incentives	Residential	Residential Air Filtration	*NEW* Measure CSC voted at September 2022 meeting to allocate \$1M in total to Shafter for measure \$250K from school filtration + \$750K from locomotive switchers	Drafting Plan	\$0- \$1,000,000	Drafting Plan	Health Protective Mitigation					Jeannine Tackett 559-230-5843 Jeannine.Tackett@valleyair.org
	1. Incentives	Community & Schools	EV Charging Infrastructure	-Project Plan approved by CARB P Link: Project Plan & Available Incentives	CARB Approved	\$850,000 78 electric vehicles Level 2&3 chargers	\$23,738 2 Projects	Health Protective Mitigation					David Lopez 559-230-6144 David.Lopez@valleyair.org
	1. Incentives	Community & Schools	Solar power & energy storage	-Solar measure discussion on Aug 10 CSC Meeting with CPUC, Grid Alternatives, and Community Action Partnership of Kern (CAPK) -Working with CPUC, Grid Alternatives, CAPK on the outreach postcard. -Disseminated fliers at community event.	On Hold	\$1.5 million District Funding 10% match to state funding Total state and District funding \$15 million	1 Meeting with project partners	Health Protective Mitigation					Jamie Holt 559-230-5850 Jamie.Holt@valleyair.org
	1. Incentives	Community & Schools	Urban greening	-RFP opened in August 2022 -Would-be applicants working with District and CARB to overcome funding and timing issues -CSC and District Governing Board supported removing the match requirement originally in the project outlined in the CERP Link: Project Plan RFP Solicitation	CARB Approved	\$50,000	Awaiting successful RFP proposal	Health Protective Mitigation					David Lopez 559-230-6144 David.Lopez@valleyair.org
	1. Incentives	Community & Schools	Increased Educational Training for EV Mechanics	- Submitted Project Plan to CARB 2/24/2021 Link: Project Plan	CARB Approval Pending	\$75,000	CARB Approval Pending	Health Protective Mitigation					Crystal Yunker 559-230-5961 Crystal.Yunker@valleyair.org
	1. Incentives	Community & Schools	Funding for Bike Lanes	-Ongoing discussion with the City of Shafter and Kern County on potential projects and available incentive funding -Funding for joint bike lane and sidewalk project on Highway 43 through other incentives measures	CARB Approval Pending	\$1,000,000	CARB Approval Pending	Health Protective Mitigation					Mark Montelongo 559-230-5905 Mark.Montelongo@valleyair.org
	1. Incentives	Community & Schools	Public Fleet Vehicles	-Submitted Project Plan to CARB on 03/16/2022 Links: Project Plan	CARB Approval Pending	\$100,000 5 vehicles	Pending CARB Approval	Health Protective Mitigation					Heather Heinks 559-230-5898 Heather.Heinks@valleyair.org
	1. Incentives	Community & Schools	Vegetative Barriers	-Kern Tree Foundation presented to CSC in Nov. of 2020 -CSC voted to move \$1,000,000 from locomotive switchers to vegetative barriers measure during July CSC meeting District will work with CSC on Request for Proposal	CARB Approved	\$1,000,000	Subcommittee to review RFP	Health Protective Mitigation					David Lopez 559-230-6144 David.Lopez@valleyair.org
	1. Incentives	Community & Schools	Car Share Program	-Project plan submitted to CARB -Received feedback from CARB and currently reviewing comments -Made revisions to project plan and re-submitted plan to CARB Link: Project Plan	CARB Approved	\$500,000	\$0	Health Protective Mitigation					David Lopez 559-230-6144 David.Lopez@valleyair.org
	1. Incentives	Community & Schools	Commercial Lawn & Garden	- Social media campaign and advertising scheduled for April, May, June, 2021 -Commercials in Spanish radio begin in June 2021 -Media outreach spring 2022 (Press Release and emails) Link: Project Plan Available Incentives	CARB Approved	\$40,000 30 Units	\$0	Pending Calculation Methodology					Nhia Vu 559-230-5847 Nhia.Vu@valleyair.org
	1. Incentives	Heavy-Duty	Alternative Fuel Fueling Station	- Eligible under CAP guidelines - Identified potential project -Coordinating with land use agencies to provide information encouraging measure adoption in new development	CARB Pre-Approved	\$1,000,000 1 natural gas station	\$0	Health Protective Mitigation					David Lopez 559-230-6144 David.Lopez@valleyair.org
	1. Incentives	Heavy-Duty	Transit Bus Replacement (for Diala-Ride)	-CERP project plan submitted to CARB -District Governing Board approved program during August 2022 Board Hearing Link: Project Plan	CARB Approval Pending	\$400,000 2 vehicles	Pending CARB Approval	Pending Calculation Methodology					David Lopez 559-230-6144 David.Lopez@valleyair.org

						CERP Commitment		Emissions Reductions Over Life of Project					
	Measure Type	Measure Category	Measure	Status Update	CARB Incentives Project Plan Status	Commitment	Progress	Target NOx Reductions (total tons)	Achieved NOx Reductions (total tons)	Target PM2.5 Reductions (total tons)	Achieved PM2.5 Reductions (total tons)	Emissions Reductions (% of target)	District Contact
	2. Enforcement	Business	Pilot Training Program for Conducting Self-Inspections at Gas Stations	-The District has developed the training -Due to the close one-on-one interaction the District is postponing implementation until further notice Link: Annual and Quarterly Enforcement Reports	Not Incentive Measure	15 gas stations	During Reporting Period: 0 stations until further notice					Health Protective Mitigation	Mark Montelongo 559-230-5905 Mark.Montelongo@valleyair.org
	2. Enforcement	Business	Enhanced Inspection Frequency (2 inspections per calendar for 5 years or until 4 consecutive inspections with no violation)	-Reviewed the enforcement history of permitted facilities in this community and, as applicable, changed inspection frequency to 6 months. Link: Annual and Quarterly Enforcement Reports	Not Incentive Measure	Inspections twice per calendar year for the next 5 years or 4 consecutive inspections without a violation	During Reporting Period: Stationary Source Inspections 22 emissions violations found and sited					Health Protective Mitigation	Jon Klassen 559-230-5809 Jon.Klassen@valleyair.org
	2. Enforcement	Community & Schools	Enhanced Enforcement to Reduce Illegal Burning of Residential Waste	-Enhanced surveillance ongoing Links: Annual and Quarterly Enforcement Reports	Not Incentive Measure	Targeted surveillance	During Reporting Period: 9 notices of violation for illegal open burning issued					Health Protective Mitigation	Jason Lawler 559-230-5994 Jason.Lawler@valleyair.org
	2. Enforcement	Heavy-Duty	Enhanced Enforcement of Statewide Anti-Idling Regulation	-Visited locations identified by CSC & CARB to have a history of high idling activity -District met with businesses of concern to discuss the state idling regulation & to look for opportunities to reduce idling Link: Annual and Quarterly Enforcement Reports	Not Incentive Measure	Targeted surveillance	During Reporting Period: No violations observed					Health Protective Mitigation	Jennifer Ledergerber 661-392-5533 Jennifer.Ledergerber@valleyair.org
	2. Enforcement	Residential	Enhanced Enforcement of Wood Burning Curtailments	-2019/20, 20/21, 21/22 Seasons (Nov – Feb): -The District conducted 4 hours of surveillance in this community on each “No Burning Unless Registered” and No Burning for All” day. Link: Annual and Quarterly Enforcement Reports	Not Incentive Measure	4 hours of surveillance each curtailment day	During Reporting Period: 463.8 hours surveillance					Health Protective Mitigation	Jennifer Ledergerber 661-392-5533 Jennifer.Ledergerber@valleyair.org
	3. Outreach	Agriculture	Conservative Tillage Practices	-Worked with the agricultural representatives and the Kern County Farm Bureau to invite area farmers to discuss the District’s Conservation Management Plan program	Not Incentive Measure	Local workshops to enhance participation	2 local workshops to enhance participation CSC and community to be informed of upcoming related rulemaking					Health Protective Mitigation	Jennifer Ledergerber 661-392-5533 Jennifer.Ledergerber@valleyair.org
	3. Outreach	Community & Schools	Outreach to Share Clean Air Efforts and How Communities Can Get Involved	-Social media promoting Burn Cleaner, CGYM, Tune In And Tune Up, and AB 617 work in Shafter -Discussed with community residents at Spring 2022 Events. -Public messaging centered around avoiding 4th of July fireworks, and opportunities for creating a clean air room	Not Incentive Measure	4 community meetings 1 targeted social media campaign	1 targeted social media campaign					Health Protective Mitigation	Heather Heinks 559-230-5898 Heather.Heinks@valleyair.org
	3. Outreach	Community & Schools	Community Air Quality Outreach Strategy	-Social Media ads promoting myRAAN.com -Disseminating Air Quality info at Spring community event. -Social media ads emphasizing no burning and where to find wildfire resources Link: District Outreach Measures Presentation and Feedback	Not Incentive Measure	4 community meetings 1 targeted social media campaign 3 community spaces for posted AQ info	1 targeted social media campaign					Health Protective Mitigation	Heather Heinks 559-230-5898 Heather.Heinks@valleyair.org
	3. Outreach	Community & Schools	HAL Schools: Increase Participation	-Contacting schools to secure opportunities to participate in school activities. -In touch with the schools regarding air quality displays. Link: District Outreach Measures Presentation and Feedback	Not Incentive Measure	4 school community events 10 sets of signs for schools	10 sets of No Idling Signs placed at schools in boundary					Health Protective Mitigation	Heather Heinks 559-230-5898 Heather.Heinks@valleyair.org
	3. Outreach	Community & Schools	Reducing Automobile Idling Near Sensitive Receptors	-Worked with CSC to get specific feedback on outreach measures -Work with CSC to identify locations for signs -Working with the City of Shafter to map out locations for sign display	Not Incentive Measure	10 bilingual idlereduction signs 4 presentations on vehicle exhaust	10 signs purchased					Health Protective Mitigation	Heather Heinks 559-230-5898 Heather.Heinks@valleyair.org
	3. Outreach	Community & Schools	Joint Advocacy for Funding to Support Air Quality Improvement Measures	-Use CSC meetings to discuss continued state funding ongoing advocacy -Announce funding opportunities at CSC meetings, via email	Not Incentive Measure	CSC meetings to discuss continued state funding ongoing advocacy	CSC meetings to discuss continued state funding ongoing advocacy					Health Protective Mitigation	Tom Jordan 559-230-5802 Tom.Jordan@valleyair.org
	3. Outreach	Community & Schools	Mitigate indoor exposure to air pollution through weatherization and enhanced energy	-Partnered with CAPK and Grid Alternatives to create a promotional piece -Placed ads in Shafter Press in Feb/March	Not Incentive Measure	CAPK and Grid Alternatives Presentation to community	Presentation and materials distributed to community in 2020					Health Protective Mitigation	Heather Heinks 559-230-5898 Heather.Heinks@valleyair.org

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	3. Outreach	Residential	Educate Public About Harmful Impacts of Wood Burning	-District worked with CSC to get feedback regarding outreach measures. -The District will continue to work with the CSC to identify locations where outreach will be most effective -Circulated numerous posts throughout District social media platforms educating the public about harmful impacts of wood burning. -Social media campaign underway to educate public about harmful impacts of illegal burning, fireplace use and wild fires Links: District Outreach Mesures Presentation and Feedback	Not Incentive Measure	4 public workshops 6 community spaces in Shafter and surround community	1 workshop Annual CSC meeting focused on wood burning, including incentives opportunities					Health Protective Mitigation	Heather Heinks 559-230-5898 Heather.Heinks@valleyair.org
	3. Outreach	Residential	Outreach to Reduce Illegal Activity	-Ongoing announcements on District social media -Winter ads imploring the public “Protect public health, please don’t burn” on TV billboards and social media -New social media campaign beginning Summer 2022	Not Incentive Measure	4 workshops 2 billboards 2 bus shelters/kiosks 2 postcard mailers	1 billboard & social media campaign beginning Summer 2022					Health Protective Mitigation	Heather Heinks 559-230-5898 Heather.Heinks@valleyair.org
	4. Land Use	Community & Schools	Land Use/Sustainable Development: Support Projects that Reduce VMT	-Developed language for land use projects on promoting the reduction vehicle miles traveled -Participated in City’s General Plan process -District commented on the South Central Fresno Specific Plan environmental review process -Coordinating with the City of Fresno and participating in City-hosted meetings regarding land use actions in community	Not Incentive Measure	Potential match funding support to eligible projects.	1 City Metting with Shafter					Health Protective Mitigation	Mark Montelongo 559-230-5905 Mark.Montelongo@valleyair.org
	4. Land Use	Community & Schools	New Construction: Provide assistance during the CEQA process	-District coordinating with land use agencies to discuss projects with the land use agencies and project proponents -As of 8/1/2022, the District has received 4 CEQA request for comments for a project located in 617 Shafter area	Not Incentive Measure	Regular Coordination with City	1 City Metting With Shafter					Health Protective Mitigation	Mark Montelongo 559-230-5905 Mark.Montelongo@valleyair.org
	4. Land Use	Community & Schools	Evaluate increasing frequency of street sweeping	A street sweeping map was provided by the City of Shafter, illustrating the rotating scheduling of areas in the city over the course of a month. On average, all areas are swept twice per month. Link: City of Shafter Street Sweeping Map	Not Incentive Measure	Meeting with City, County to identify opportunities	2 CSC meetings with City of Shafter					Health Protective Mitigation	Mark Montelongo 559-230-5905 Mark.Montelongo@valleyair.org
	4. Land Use	Community & Schools	Setbacks for New Oil Drilling	-Reviewed EIR & related health risk assessments study of County’s oil and gas production ordinance -Will continue to ensure that projects do not result in significant impact on the health of residents, including sensitive receptors -City of Shafter has committed to reviewing the EIR and health studies prepared by the County for its oil and gas production ordinance	Not Incentive Measure	City of Shafter has committed to reviewing the EIR	CalGEM statewide setback regulations in development					Health Protective Mitigation	Mark Montelongo 559-230-5905 Mark.Montelongo@valleyair.org
	4. Land Use	Community & Schools	Heavy Duty Truck Rerouting	Several freight and heavy-duty truck route studies are underway in the area -Kern Council of Governments provided update during April 2022 meeting -Caltrans to provide update during October 2022 meeting	Not Incentive Measure	Traffic routing evaluation committed by the City as part of General Plan	City, County, and Caltrans provide regular opportunity for CSC to be involved with traffic and freight studies					Health Protective Mitigation	Brian Dodds 559-230-5872 Brian.Dodds@valleyair.org
	4. Land Use	Community & Schools	Construction Emissions: High Speed Rail Construction	-District discussed HSR project located in community with the Authority to advocate for clean construction equipment use onsite. District communicates any concerns received with the Authority.	Not Incentive Measure	Convey concerns from CSC to HSR	No air quality concerns Traffic and land use concerns dicussed with City of Shafter in 2022					Health Protective Mitigation	Mark Montelongo 559-230-5905 Mark.Montelongo@valleyair.org
	5. Permitting	Business	Flares-Amend Rule 4311	-District Rule 4311 (Flares) was amended 12/17/20 Link: December 17, 2020, Public Hearing	Not Incentive Measure	Rule Amendment	Amended 12/2020					Health Protective Mitigation	Jon Klassen 559-230-5809 Jon.Klassen@valleyair.org
	5. Permitting	Business	Evaluate feasibility of funding further emissions reductions from oil and gas production operations	-The District has identified potential emission reduction opportunities from the installation of advanced control technologies and will continue to evaluate the feasibility of funding and continue to identify available grant funding to assist implementation	Not Incentive Measure	Incentive program guideline development	No CSC identified projects					Health Protective Mitigation	Jon Klassen 559-230-5809 Jon.Klassen@valleyair.org
	5. Permitting	Business	Provide Incentives to Install Advanced Control Technology	The District has identified potential emission reduction opportunities from the installation of advanced control technologies and will continue to evaluate the feasibility of funding and continue to identify available grant funding to assist implementation	On Hold	Incentive program guideline development	No CSC identified projects					Health Protective Mitigation	

						CERP Commitment		Emissions Reductions Over Life of Project					
	Measure Type	Measure Category	Measure	Status Update	CARB Incentives Project Plan Status	Commitment	Progress	Target NOx Reductions (total tons)	Achieved NOx Reductions (total tons)	Target PM2.5 Reductions (total tons)	Achieved PM2.5 Reductions (total tons)	Emissions Reductions (% of target)	District Contact
	6. Partnership	Agriculture	Support dairy farms near Shafter in implementing Alternative Manure Management Strategies	-Held meeting with technical lead staff for the CDFA Alternative Manure Management Program Aug 2020 -Staff will continue to coordinate with CDFA to conduct outreach to dairies near the community -Will work with CDFA to schedule public workshop in the community once new CDFA grant cycle begins	Not Incentive Measure	1 Meeting with CDFA	1 Meeting with CDFA	Health Protective Mitigation					Jon Klassen 559-230-5809 Jon.Klassen@valleyair.org
	6. Partnership	Agriculture	Pesticide Measures	-Shafter included in DPR pesticide reduction pilot for 1, 3-D beginning in Sept 2020, for 1 yr. -DPR and CARB convened a CSC subcommittee in September 2020 and plan to regularly work with the CSC on implementing these measures. Links: DPR Updated on the Mitigation of 1,3- Dichloropropene and Pilot Studies	Not Incentive Measure	-Monitoring (Current Monitoring, Monitoring Expansion) - Pesticide Notification System -Emission Reductions - Additional Resources	DPR attending all CSC meetings and developing notification and monitoring program in Shafter	Health Protective Mitigation					Ryan Hayashi 559-230-5958 Ryan.Hayashi@valleyair.org

APPENDIX B

Enforcement Plan Update

2022 Enforcement Report

Updates to Enforcement Plan Attachments

Shafter AB 617 Community

San Joaquin Valley Air Pollution Control District

Enforcement Plan

List of Permitted Facilities

The Valley Air District has some of the most stringent regulations in the country for limiting emissions from businesses and other stationary sources of air contaminants. There are numerous types of equipment as well as industrial and commercial processes that require a Permit to Operate with the District. The following is a current listing of all facilities located within the Shafter Community or 7-mile radius which have active Permits to Operate with the District as of July 2021. A previous listing was provided in [Appendix F](#) of the Shafter Community Emissions Reduction Program (CERP) and in the 2021 annual report.

Facility Name	Facility ID	Facility Address	Facility Description
AHDI ENTERPRISES CORP DBA SHAFTER SHELL	S-2183	770 E LERDO HWY	GASOLINE DISPENSING
ALLIANCE READY MIX, INC.	S-9156	100 CARVER ST	CONCRETE BATCH PLANT
APSG WHOLESALE	S-4152	21037 BURGESS CT	AUTO BODY SPRAY COATING
ARGO CHEMICAL INC	S-7573	30933 IMPERIAL ST	CHEMICAL RECEIVING, STORAGE, AND DISTRIBUTION
AT&T MOBILITY	S-6698	JACK AVE & MANNEL AVE	TELECOMMUNICATIONS
AT&T MOBILITY	S-3161	19002 ZACHARY RD	TELECOMMUNICATIONS
AUKEMAN DAIRY	S-5211	28349 LOS ANGELES ST	DAIRY FARMS
B&L CASING SERVICE LLC	S-7351	21054 KRATZMEYER RD	OIL AND GAS FIELD SERVICES
BAKER HUGHES OILFIELD OPERATIONS LLC	S-8022	3901 FANUCCHI WY	CHEMICAL RECEIVING, STORAGE AND DISTRIBUTION
BENDER LAND AND INVESTMENT LLC	S-9511	NE AND SE SHAFTER AVE/ ORANGE ST	TREE NUTS
BIDART COLD STORAGE INC	S-2501	5055 E LERDO HWY	AGRICULTURAL PRODUCTS
BIG STOP MARKET INC. DBA BIG STOP MARKET	S-105	127 S SHAFTER AVE	GASOLINE DISPENSING
BKSFD QUALITY DISTRIBUTION CENTER INC	S-1872	32535 SEVENTH STANDARD RD	AGRICULTURAL PRODUCTS PREPARATION
BROWN & BRYANT	S-8291	135 COMMERCIAL DR	SOIL AND GROUNDWATER REMEDIATION
BUILDING MATERIALS MFG CORP (DBA GAF)	S-3461	6505 ZERKER RD	FIBERGLASS MAT MANUFACTURING OPERATION
CAL COAST ACIDIZING SERVICE	S-7895	19489 CREEK RD	OIL & GAS FIELD SERVICES
CALIFORNIA PAPER PRODUCTS LLC	S-7122	5901 ZERKER RD	ASPHALT FELTS AND COATINGS
CALIFORNIA RESOURCES PRODUCTION CORP	S-1737	LIGHT OIL CENTRAL	CRUDE OIL AND NATURAL GAS PRODUCTION
CITY OF SHAFTER	S-6910	150 N DRIVER RD	GOVERNMENT SERVICES
CITY OF SHAFTER	S-3365	550 N SHAFTER AVE	GOVERNMENT SERVICES
CITY OF SHAFTER	S-3362	1150 E ASH ST	GOVERNMENT SERVICES
CITY OF SHAFTER	S-3364	201 CENTRAL VALLEY HWY	GOVERNMENT SERVICES
CITY OF SHAFTER	S-3745	401 COMMERCE WY	GOVERNMENT SERVICES
CITY OF SHAFTER	S-3701	336 PACIFIC AVE	GOVERNMENT SERVICES
CITY OF SHAFTER	S-3915	ZACHARY & 7TH STANDARD RD	GOVERNMENT SERVICES
CITY OF SHAFTER	S-8394	5821 EAST LERDO HWY	GOVERNMENT SERVICES
CITY OF SHAFTER	S-9664	720 COMMERCE DR	GOVERNMENT SERVICES
CLEAN ENERGY SYSTEMS INC	S-6849	16000 DRIVER RD	ELECTRIC POWER GENERATION
CLEAN ENERGY SYSTEMS KIMBERLINA, INC.	S-9051	16000 DRIVER ROAD	BIOGAS UPGRADING PLANT
CODE PRECAST PRODUCTS INC	S-2599	1050 E LOS ANGELES AVE	CONCRETE BATCH PLANT
CON-FAB CALIFORNIA LLC	S-7322	701 GOLDS AVE	CONCRETE PRODUCTS
CORNER MARKET #2	S-9170	6000 E LERDO HWY	GASOLINE DISPENSING
DENBESTE MANUFACTURING INC	S-6935	31162 SHELBY LN	METAL PARTS AND PRODUCTS COATING OPERATION
DJ'S FOOD MART	S-2813	31110 7TH STANDARD RD	GASOLINE DISPENSING
ELK CORP OF TEXAS	S-2033	6200 ZERKER RD	ASPHALT FELTS AND COATINGS
EXPRESS COLLISION CENTER	S-4291	1344 F ST	AUTO BODY SPRAY COATING
FAIAL FARMS 2	S-6639	18683 MAGNOLIA AVE	DAIRY
FARMLAND RESERVE INC	S-4297	16350 DRIVER RD	AGRICULTURAL PRODUCTS PROCESSING
FOREVERBOARD CALIFORNIA INC	S-8952	1351 E ASH AVE	DRYWALL MANUFACTURING
FOX PETROLEUM INC	S-2139	451 E LERDO HWY @ CENTRAL VALLEY	GASOLINE DISPENSING
GMC ROOFING & PAPER PRODUCTS	S-3860	6400 ZERKER RD	ASPHALT FELTS AND COATINGS
GOLDEN EMPIRE CONCRETE CO	S-1183	1316 WASCO AVE	READY-MIX CONCRETE
GOLDEN LIVING CENTER - SHAFTER	S-8071	140 E TULARE AVE	SKILLED NURSING CARE FACILITY
GREG'S PETROLEUM	S-8067	863 CENTRAL VALLEY HWY	GASOLINE DISPENSING
HELENA AGRI-ENTERPRISES, LLC	S-3474	751 E ASH AVE	AGRICULTURAL CHEMICALS
INDUSTRIAL DESIGN & CONSTRUCTION INC	S-4283	21010 SNOW RD	METAL PARTS AND PRODUCTS COATING
INLAND CROP DUSTER INC	S-1736	MINTER FIELD	CROP SERVICES - AERIAL DUSTING
J.P. OIL COMPANY, LLC	S-2865	LIGHT OIL CENTRAL	OIL & GAS PRODUCTION
J.P. OIL COMPANY, LLC.	S-8561	RIO BRAVO GAS PLANT	NATURAL GAS PROCESSING
JACO HILL	S-2360	1375 F ST	GASOLINE DISPENSING
JACO HILL	S-2369	105 E LERDO HWY	GASOLINE DISPENSING
JEFFRIES BROTHERS INC	S-2417	102 S BEECH AVE	GASOLINE DISPENSING
JEFFRIES BROTHERS INC	S-8716	177 AVIATION ST	COMMUNICATION SERVICES
JIFFY'S STORE	S-239	538 CENTRAL AVE	GASOLINE DISPENSING
JOSE LUIS ALBERTO	S-3881	282 S BEECH AVE	AUTOMOTIVE BODY REPAIR AND PAINT SHOP
JR SIMPLOT CO/SIMPLOT GROWER SOLUTIONS	S-3778	19421 CREEK RD	PHOSPHATIC FERTILIZERS
KERN COUNTY FIRE STATION #32	S-2443	325 SUNSET AVE	FIRE PROTECTION
LARRY BASHOR SANDBLASTING	S-7516	6949 SUPERIOR RD	ABRASIVE BLASTING AND SPRAY PAINTING
LERDO CHEVRON	S-3562	6600 E LERDO HWY	GASOLINE DISPENSING
LKMP PROPERTIES	S-9202	31109 7TH STANDARD RD	GASOLINE DISPENSING
MARTIN HEIN RANCH CO - PA2	S-4803	FRESNO AVE AND CHERRY AVE	AGRICULTURAL CROP PRODUCTION
NIKKEL IRON WORKS INC	S-8	17045 CENTRAL VALLEY HWY	FABRICATED METAL PRODUCTS
NORRIS PRODUCTION SOLUTIONS	S-7876	200 CARVER ST	METAL PARTS AND PRODUCTS COATING OPERATION
NORTH OF RIVER SANITARY DIST	S-1316	7TH STANDARD RD W/O SCARONI AVE	SEWERAGE SYSTEM
OASIS HOLSTEIN DAIRY	S-5141	18041 PALM AVE	DAIRY FARM
OHANNESON ENTERPRISES	S-6058	PALM AVE AND RIVERSIDE AVE	TREE NUTS
OIL WELL SERVICE COMPANY	S-9139	10255 ENOS LANE	OIL & GAS FIELD SERVICES
OMNI FAMILY HEALTH	S-7801	659 S CENTRAL VALLEY HWY	HEALTH CENTER
PACIFIC BELL TELEPHONE CO (DBA AT&T CA)	S-1167	534 JAMES ST	TELECOMMUNICATIONS
PAGE INDUSTRIAL SERVICES INC	S-4170	9701 ENOS LN	AUTO BODY SPRAY COATING
PERFORMANCE FOOD GROUP	S-6646	255 N DRIVER RD	GROCERIES, WHOLESALE
PHOENIX CEMENT CO	S-5257	32535 7TH STANDARD RD	CONSTRUCTION MATERIALS
PILOT TRAVEL CENTERS LLC	S-2012	17047 ZACHARY AVE	GASOLINE DISPENSING
PLAINS LPG SERVICES LP	S-71	7TH STANDARD RD & BEECH AVE	NATURAL GAS PROCESSING
PW GILLIBRAND TRANSLOADING SERVICES INC	S-3919	HIGHWAY 43 AND IMPERIAL ST	SAND AND GRAVEL
RESA POWER SOLUTIONS	S-7886	21419 KRATZMEYER RD	ELECTRICAL SERVICES
ROLL REAL ESTATE DEVELOPMENT LLC	S-8480	3501 ZACHARY AVE	DISTRIBUTION CENTER
ROSS STORES INC	S-8529	2801 ZACHARY AVE	DISTRIBUTION CENTER
ROSS STORES, INC.	S-9444	4100 EXPRESS AVE	DISTRIBUTION CENTER
S & A MARKET	S-1732	861 N CENTRAL VALLEY HWY	GASOLINE DISPENSING
S & J QUICK STOP	S-1288	101 CENTRAL VALLEY HWY	GASOLINE DISPENSING
SAN PABLO BAY PIPELINE COMPANY LLC	S-82	8027 MARTIN AVE	PETROLEUM PIPELINES
SHAFTER-WASCO GINNING CO	S-539	BENDER AND CENTRAL VALLEY HWY	COTTON GINNING
SHAR CRAFT INC	S-7041	115 S BEECH AVE	METAL PARTS COATING
SJV QUALITY COTTON	S-876	17053 N SHAFTER AVE	FEDERAL GOVERNMENT RESEARCH
SKYVIEW DAIRY	S-6706	28989 RIVERSIDE ST	DAIRY FARMS
SOUTH VALLEY ALMOND CO LLC	S-3152	15443 BEECH AVE	TREE NUTS
STARRH & STARRH COTTON GROWERS	S-4755	SOUTH OF LERDO HWY & CALIFORNIA AQUADUCT	COTTON FARM
SUPERIOR SOIL SUPPLEMENTS, LLC	S-872	1040 H ST	NONMETALLIC MINERALS
TARGET DISTRIBUTION CENTER	S-3934	3880 ZACHARY AVE	DISTRIBUTION CENTER
TJAARDA DAIRY	S-5060	19211 MAGNOLIA AVE	DAIRY FARMS
VALLEY STRONG CREDIT UNION	S-7433	4451 FANUCCHI WAY	CREDIT UNIONS

VERIZON WIRELESS "NORTH SHAFTER"	S-7674	525 N SHAFTER AVE	TELECOMMUNICATIONS
VERIZON WIRELESS- SHAFTER	S-3395	19233 BEECH AVE	TELECOMMUNICATIONS
WEST COAST PIPE INSPECTION	S-2935	5900 E LERDO HWY	GASOLINE DISPENSING
WILBUR-ELLIS CO	S-1301	925 GOLD'S AVE	AGRICULTURAL CHEMICALS
WONDERFUL ORCHARDS LLC	S-8367	17831 ZERKER RD	AGRICULTURAL PRODUCTS PROCESSING
WONDERFUL REAL ESTATE	S-9080	3601 FANNUCHI WAY	GENERAL WAREHOUSING AND STORAGE
WONDERFUL REAL ESTATE	S-9081	4100 EXPRESS AVENUE	GENERAL WAREHOUSING AND STORAGE
WONDERFUL REAL ESTATE	S-9751	3800 FANUCCHI WAY	INDUSTRIAL BUILDINGS AND WAREHOUSES
ZAYO GROUP	S-9082	"UNASSIGNED" LERDO HIGHWAY	

Enforcement Plan

Facility Inspections

Facilities that have permits with the Valley Air District are inspected on a regular basis by District Compliance staff to ensure all permit requirements are being followed. New and modified equipment is also inspected prior to permit issuance. District inspection staff also observes stack emission testing (known as source testing) for certain types of equipment to ensure that proper testing procedures and protocols are followed by the third-party testing company. They also conduct inspections when unforeseen equipment breakdowns occur which may affect a facility's ability to comply with all permit requirements.

In addition to the numerous inspections already conducted by the District each year at permitted facilities throughout the valley, the District committed in the Shafter CERP to increase the frequency of periodic compliance inspections to once every six months at facilities that have had an emissions related violation within the last three years. The following is a listing of all District inspection activities at permitted facilities within the Shafter Community from July 2021 through June 2022. A previous listing of inspections can be found in [Appendix F](#) of the Shafter CERP and in the 2021 annual report.

Facility Name	Facility ID	Facility Address	Date	Inspection Type
SAN PABLO BAY PIPELINE COMPANY LLC	S-82	8027 MARTIN AVE	7/7/2021	One Day/First Day of Multi-Day Inspection
WEST COAST PIPE INSPECTION	S-2935	5900 E LERDO HWY	7/9/2021	One Day/First Day of Multi-Day Inspection
J P OIL CO INC	S-8561	RIO BRAVO GAS PLANT	7/13/2021	Multi-Day, Ongoing Inspection
J P OIL CO INC	S-2865	LIGHT OIL CENTRAL	7/13/2021	Multi-Day, Ongoing Inspection
J P OIL CO INC	S-2865	LIGHT OIL CENTRAL	7/13/2021	Follow-Up/Compliance Verification Inspection
WEST COAST PIPE INSPECTION	S-2935	5900 E LERDO HWY	7/19/2021	Follow-Up/Compliance Verification Inspection
J P OIL CO INC	S-2865	LIGHT OIL CENTRAL	7/21/2021	Follow-Up/Compliance Verification Inspection
PW GILLIBRAND TRANSLOADING SERVICES INC	S-3919	HIGHWAY 43 AND IMPERIAL ST	7/27/2021	One Day/First Day of Multi-Day Inspection
CLEAN ENERGY SYSTEMS KIMBERLINA, INC.	S-9051	16000 DRIVER ROAD	7/27/2021	One Day/First Day of Multi-Day Inspection
CLEAN ENERGY SYSTEMS INC	S-6849	16000 DRIVER RD	7/27/2021	One Day/First Day of Multi-Day Inspection
ELK CORP OF TEXAS	S-2033	6200 ZERKER RD	8/4/2021	Multi-Day, Ongoing Inspection
BUILDING MATERIALS MFG CORP (DBA GAF)	S-3461	6505 ZERKER RD	8/4/2021	Multi-Day, Ongoing Inspection
VERIZON WIRELESS "NORTH SHAFTER"	S-7674	525 N SHAFTER AVE	8/10/2021	One Day/First Day of Multi-Day Inspection
SKYVIEW DAIRY	S-6706	28989 RIVERSIDE ST	8/12/2021	One Day/First Day of Multi-Day Inspection
SAN PABLO BAY PIPELINE COMPANY LLC	S-82	8027 MARTIN AVE	8/18/2021	Multi-Day, Ongoing Inspection
PLAINS LPG SERVICES LP	S-71	7TH STANDARD RD & BEECH AVE	8/18/2021	Multi-Day, Ongoing Inspection
FOX PETROLEUM INC	S-2139	451 E LERDO HWY @ CENTRAL VALLEY	8/19/2021	Source Test Observation
OIL WELL SERVICE COMPANY	S-9139	10255 ENOS LANE	8/30/2021	One Day/First Day of Multi-Day Inspection
JIFFY'S STORE	S-239	538 CENTRAL AVE	9/2/2021	One Day/First Day of Multi-Day Inspection
AHDI ENTERPRISES CORP DBA SHAFTER SHELL	S-2183	770 E LERDO HWY	9/2/2021	One Day/First Day of Multi-Day Inspection
CORNER MARKET #2	S-9170	6000 E LERDO HWY	9/7/2021	One Day/First Day of Multi-Day Inspection
ROSS STORES INC	S-8529	2801 ZACHARY AVE	9/8/2021	One Day/First Day of Multi-Day Inspection
JIFFY'S STORE	S-239	538 CENTRAL AVE	9/9/2021	Follow-Up/Compliance Verification Inspection
WONDERFUL ORCHARDS LLC	S-8367	17831 ZERKER RD	9/16/2021	One Day/First Day of Multi-Day Inspection
SHAR CRAFT INC	S-7041	115 S BEECH AVE	9/20/2021	One Day/First Day of Multi-Day Inspection
AHDI ENTERPRISES CORP DBA SHAFTER SHELL	S-2183	770 E LERDO HWY	9/21/2021	Source Test Observation
JIFFY'S STORE	S-239	538 CENTRAL AVE	9/22/2021	Source Test Observation
WONDERFUL REAL ESTATE	S-9080	3601 FANNUCHI WAY	10/12/2021	One Day/First Day of Multi-Day Inspection
WONDERFUL REAL ESTATE	S-9081	4100 EXPRESS AVENUE	10/12/2021	One Day/First Day of Multi-Day Inspection
WONDERFUL REAL ESTATE	S-9460	4500 EXPRESS AVE	10/12/2021	One Day/First Day of Multi-Day Inspection
PLAINS LPG SERVICES LP	S-71	7TH STANDARD RD & BEECH AVE	10/20/2021	Breakdown/Deviation Investigation
WONDERFUL ORCHARDS LLC	S-8367	17831 ZERKER RD	10/20/2021	Source Test Observation
SCELZI ENTERPRISES INC	S-9706	3701 ENTERPRISE STREET	10/25/2021	Standalone Startup Inspection
CALIFORNIA RESOURCES PRODUCTION CORP	S-1737	LIGHT OIL CENTRAL	10/27/2021	One Day/First Day of Multi-Day Inspection
CALIFORNIA RESOURCES PRODUCTION CORP	S-1737	LIGHT OIL CENTRAL	10/27/2021	One Day/First Day of Multi-Day Inspection
JACO HILL	S-2360	1375 F ST	11/1/2021	One Day/First Day of Multi-Day Inspection
GREG'S PETROLEUM	S-8067	863 CENTRAL VALLEY HWY	11/1/2021	One Day/First Day of Multi-Day Inspection
MEYER'S BIG STOP	S-105	127 S SHAFTER AVE	11/1/2021	One Day/First Day of Multi-Day Inspection
FOX PETROLEUM INC	S-2139	451 E LERDO HWY @ CENTRAL VALLEY	11/1/2021	One Day/First Day of Multi-Day Inspection
S & J QUICK STOP	S-1288	101 CENTRAL VALLEY HWY	11/1/2021	One Day/First Day of Multi-Day Inspection
FOREVERBOARD CALIFORNIA INC	S-8952	1351 E ASH AVE	11/2/2021	One Day/First Day of Multi-Day Inspection
HELENA AGRI-ENTERPRISES, LLC	S-3474	751 E ASH AVE	11/2/2021	One Day/First Day of Multi-Day Inspection
JACO HILL	S-2360	1375 F ST	11/3/2021	Follow-Up/Compliance Verification Inspection
GOLDEN EMPIRE CONCRETE CO	S-1183	1316 WASCO AVE	11/4/2021	One Day/First Day of Multi-Day Inspection
ROSS STORES, INC.	S-9444	4100 EXPRESS AVE	11/8/2021	One Day/First Day of Multi-Day Inspection
J P OIL CO INC	S-2865	LIGHT OIL CENTRAL	11/16/2021	One Day/First Day of Multi-Day Inspection
BAKER HUGHES OILFIELD OPERATIONS LLC	S-8022	3901 FANUCCHI WY	11/17/2021	One Day/First Day of Multi-Day Inspection
ALLIANCE READY MIX, INC.	S-9156	100 CARVER ST	11/17/2021	One Day/First Day of Multi-Day Inspection
J P OIL CO INC	S-2865	LIGHT OIL CENTRAL	11/30/2021	Multi-Day, Ongoing Inspection
LERDO CHEVRON	S-3562	6600 E LERDO HWY	12/2/2021	One Day/First Day of Multi-Day Inspection
DJ'S FOOD MART	S-2813	31110 7TH STANDARD RD	12/2/2021	One Day/First Day of Multi-Day Inspection
J P OIL CO INC	S-2865	LIGHT OIL CENTRAL	12/2/2021	Multi-Day, Ongoing Inspection
LERDO CHEVRON	S-3562	6600 E LERDO HWY	12/6/2021	Follow-Up/Compliance Verification Inspection
J P OIL CO INC	S-2865	LIGHT OIL CENTRAL	12/7/2021	Follow-Up/Compliance Verification Inspection
J P OIL CO INC	S-2865	LIGHT OIL CENTRAL	12/7/2021	Multi-Day, Ongoing Inspection
J P OIL CO INC	S-8561	RIO BRAVO GAS PLANT	12/7/2021	One Day/First Day of Multi-Day Inspection
OHANNESON ENTERPRISES	S-6058	PALM AVE AND RIVERSIDE AVE	12/8/2021	One Day/First Day of Multi-Day Inspection
PLAINS LPG SERVICES LP	S-71	7TH STANDARD RD & BEECH AVE	12/9/2021	One Day/First Day of Multi-Day Inspection
CITY OF SHAFTER	S-8394	5821 EAST LERDO HWY	12/9/2021	One Day/First Day of Multi-Day Inspection
LARRY BASHOR SANDBLASTING	S-7516	6949 SUPERIOR RD	12/9/2021	One Day/First Day of Multi-Day Inspection
PLAINS LPG SERVICES LP	S-71	7TH STANDARD RD & BEECH AVE	12/10/2021	Multi-Day, Ongoing Inspection
PLAINS LPG SERVICES LP	S-71	7TH STANDARD RD & BEECH AVE	12/10/2021	Multi-Day, Ongoing Inspection
J P OIL CO INC	S-8561	RIO BRAVO GAS PLANT	12/20/2021	Follow-Up/Compliance Verification Inspection
J P OIL CO INC	S-2865	LIGHT OIL CENTRAL	12/20/2021	Follow-Up/Compliance Verification Inspection
PLAINS LPG SERVICES LP	S-71	7TH STANDARD RD & BEECH AVE	12/21/2021	Multi-Day, Ongoing Inspection
BUILDING MATERIALS MFG CORP (DBA GAF)	S-3461	6505 ZERKER RD	12/22/2021	One Day/First Day of Multi-Day Inspection
SJV QUALITY COTTON	S-876	17053 N SHAFTER AVE	12/22/2021	One Day/First Day of Multi-Day Inspection
JR SIMPLOT CO/SIMPLOT GROWER SOLUTIONS	S-3778	19421 CREEK RD	12/22/2021	One Day/First Day of Multi-Day Inspection
CON-FAB CALIFORNIA LLC	S-7322	701 GOLDS AVE	12/27/2021	One Day/First Day of Multi-Day Inspection
S & J QUICK STOP	S-1288	101 CENTRAL VALLEY HWY	12/30/2021	One Day/First Day of Multi-Day Inspection
WEST COAST PIPE INSPECTION	S-2935	5900 E LERDO HWY	1/3/2022	One Day/First Day of Multi-Day Inspection
S & A MARKET	S-1732	861 N CENTRAL VALLEY HWY	1/3/2022	One Day/First Day of Multi-Day Inspection
NIKKEL IRON WORKS INC	S-8	17045 CENTRAL VALLEY HWY	1/3/2022	One Day/First Day of Multi-Day Inspection
PERFORMANCE FOOD GROUP	S-6646	255 N DRIVER RD	1/3/2022	One Day/First Day of Multi-Day Inspection
AMAZON.COM SERVICES LLC - BFL2	S-9794	4500 EXPRESS AVE	1/4/2022	One Day/First Day of Multi-Day Inspection
S & J QUICK STOP	S-1288	101 CENTRAL VALLEY HWY	1/5/2022	Multi-Day, Ongoing Inspection
PLAINS LPG SERVICES LP	S-71	7TH STANDARD RD & BEECH AVE	1/5/2022	Follow-Up/Compliance Verification Inspection
CALIFORNIA PAPER PRODUCTS LLC	S-7122	5901 ZERKER RD	1/7/2022	One Day/First Day of Multi-Day Inspection
BUILDING MATERIALS MFG CORP (DBA GAF)	S-3461	6505 ZERKER RD	1/7/2022	Multi-Day, Ongoing Inspection
BUILDING MATERIALS MFG CORP (DBA GAF)	S-3461	6505 ZERKER RD	1/7/2022	Multi-Day, Ongoing Inspection
JEFFRIES BROTHERS INC	S-8716	177 AVIATION ST	1/24/2022	One Day/First Day of Multi-Day Inspection
LKMP PROPERTIES	S-9202	31109 7TH STANDARD RD	1/24/2022	One Day/First Day of Multi-Day Inspection
ARGO CHEMICAL INC	S-7573	30933 IMPERIAL ST	1/24/2022	One Day/First Day of Multi-Day Inspection
GMC ROOFING & PAPER PRODUCTS	S-3860	6400 ZERKER RD	1/26/2022	One Day/First Day of Multi-Day Inspection
BUILDING MATERIALS MFG CORP (DBA GAF)	S-3461	6505 ZERKER RD	1/26/2022	Multi-Day, Ongoing Inspection
CALIFORNIA PAPER PRODUCTS LLC	S-7122	5901 ZERKER RD	1/26/2022	Multi-Day, Ongoing Inspection
CLEAN ENERGY SYSTEMS INC	S-6849	16000 DRIVER RD	1/27/2022	Breakdown/Deviation Investigation
JACO HILL	S-2369	105 E LERDO HWY	2/2/2022	One Day/First Day of Multi-Day Inspection
JEFFRIES BROTHERS INC	S-2417	102 S BEECH AVE	2/2/2022	One Day/First Day of Multi-Day Inspection
DJ'S FOOD MART	S-2813	31110 7TH STANDARD RD	2/8/2022	Source Test Observation
PW GILLIBRAND TRANSLOADING SERVICES INC	S-3919	HIGHWAY 43 AND IMPERIAL ST	2/9/2022	One Day/First Day of Multi-Day Inspection
JEFFRIES BROTHERS INC	S-2417	102 S BEECH AVE	2/9/2022	Follow-Up/Compliance Verification Inspection
GREG'S PETROLEUM	S-8067	863 CENTRAL VALLEY HWY	2/9/2022	Source Test Observation
NORTH OF RIVER SANITARY DIST	S-1316	7TH STANDARD RD W/O SCARONI AVE	2/15/2022	One Day/First Day of Multi-Day Inspection
PLAINS LPG SERVICES LP	S-71	7TH STANDARD RD & BEECH AVE	2/16/2022	Multi-Day, Ongoing Inspection
JACO HILL	S-2369	105 E LERDO HWY	2/16/2022	Source Test Observation
NORTH OF RIVER SANITARY DIST	S-1316	7TH STANDARD RD W/O SCARONI AVE	2/17/2022	Multi-Day, Ongoing Inspection
PW GILLIBRAND TRANSLOADING SERVICES INC	S-3919	HIGHWAY 43 AND IMPERIAL ST	2/18/2022	Multi-Day, Ongoing Inspection
OIL WELL SERVICE COMPANY	S-9139	10255 ENOS LANE	2/23/2022	One Day/First Day of Multi-Day Inspection
GREG'S PETROLEUM	S-8067	863 CENTRAL VALLEY HWY	3/3/2022	One Day/First Day of Multi-Day Inspection
JIFFY'S STORE	S-239	538 CENTRAL AVE	3/7/2022	One Day/First Day of Multi-Day Inspection
ZAYO GROUP	S-9082	"UNASSIGNED" LERDO HIGHWAY	3/9/2022	One Day/First Day of Multi-Day Inspection
PLAINS LPG SERVICES LP	S-71	7TH STANDARD RD & BEECH AVE	3/9/2022	Follow-Up/Compliance Verification Inspection
CITY OF SHAFTER	S-3365	550 N SHAFTER AVE	3/10/2022	One Day/First Day of Multi-Day Inspection
SOUTH VALLEY ALMOND CO LLC	S-3152	15443 BEECH AVE	3/16/2022	One Day/First Day of Multi-Day Inspection
CLEAN ENERGY SYSTEMS INC	S-6849	16000 DRIVER RD	3/24/2022	Source Test Observation
MARTIN HEIN RANCH CO - PA2	S-4803	FRESNO AVE AND CHERRY AVE	3/28/2022	One Day/First Day of Multi-Day Inspection
MARTIN HEIN RANCH CO - PA2	S-4803	FRESNO AVE AND CHERRY AVE	3/28/2022	One Day/First Day of Multi-Day Inspection
KERN COUNTY FIRE STATION #32	S-2443	325 SUNSET AVE	4/6/2022	One Day/First Day of Multi-Day Inspection
SHAR CRAFT INC	S-7041	115 S BEECH AVE	4/11/2022	One Day/First Day of Multi-Day Inspection
GOLDEN LIVING CENTER - SHAFTER	S-8071	140 E TULARE AVE	4/21/2022	One Day/First Day of Multi-Day Inspection
AUKEMAN DAIRY	S-5211	28349 LOS ANGELES ST	4/28/2022	One Day/First Day of Multi-Day Inspection

Facility Name	Facility ID	Facility Address	Date	Inspection Type
AUKEMAN DAIRY	S-5211	28349 LOS ANGELES ST	4/28/2022	One Day/First Day of Multi-Day Inspection
JACO HILL	S-2360	1375 F ST	5/4/2022	One Day/First Day of Multi-Day Inspection
FAIAL FARMS 2	S-6639	18683 MAGNOLIA AVE	5/5/2022	One Day/First Day of Multi-Day Inspection
INLAND CROP DUSTER INC	S-1736	MINTER FIELD	5/16/2022	One Day/First Day of Multi-Day Inspection
PILOT TRAVEL CENTERS LLC	S-2012	17047 ZACHARY AVE	5/19/2022	One Day/First Day of Multi-Day Inspection
CALIFORNIA RESOURCES PRODUCTION CORP	S-1737	LIGHT OIL CENTRAL	5/24/2022	One Day/First Day of Multi-Day Inspection
CALIFORNIA RESOURCES PRODUCTION CORP	S-1737	LIGHT OIL CENTRAL	5/24/2022	One Day/First Day of Multi-Day Inspection
CALIFORNIA RESOURCES PRODUCTION CORP	S-1737	LIGHT OIL CENTRAL	6/1/2022	Multi-Day, Ongoing Inspection
CALIFORNIA RESOURCES PRODUCTION CORP	S-1737	LIGHT OIL CENTRAL	6/1/2022	Multi-Day, Ongoing Inspection
CALIFORNIA RESOURCES PRODUCTION CORP	S-1737	LIGHT OIL CENTRAL	6/1/2022	Multi-Day, Ongoing Inspection
J.P. OIL COMPANY, LLC	S-2865	LIGHT OIL CENTRAL	6/7/2022	One Day/First Day of Multi-Day Inspection
CALIFORNIA RESOURCES PRODUCTION CORP	S-1737	LIGHT OIL CENTRAL	6/7/2022	Multi-Day, Ongoing Inspection
CALIFORNIA RESOURCES PRODUCTION CORP	S-1737	LIGHT OIL CENTRAL	6/7/2022	Multi-Day, Ongoing Inspection
S & J QUICK STOP	S-1288	101 CENTRAL VALLEY HWY	6/8/2022	One Day/First Day of Multi-Day Inspection
LERDO CHEVRON	S-3562	6600 E LERDO HWY	6/8/2022	One Day/First Day of Multi-Day Inspection
DJ'S FOOD MART	S-2813	31110 7TH STANDARD RD	6/8/2022	One Day/First Day of Multi-Day Inspection
J.P. OIL COMPANY, LLC	S-2865	LIGHT OIL CENTRAL	6/8/2022	Multi-Day, Ongoing Inspection
J.P. OIL COMPANY, LLC.	S-8561	RIO BRAVO GAS PLANT	6/9/2022	One Day/First Day of Multi-Day Inspection
J.P. OIL COMPANY, LLC	S-2865	LIGHT OIL CENTRAL	6/9/2022	Multi-Day, Ongoing Inspection
J.P. OIL COMPANY, LLC	S-2865	LIGHT OIL CENTRAL	6/13/2022	Follow-Up/Compliance Verification Inspection
PLAINS LPG SERVICES LP	S-71	7TH STANDARD RD & BEECH AVE	6/15/2022	One Day/First Day of Multi-Day Inspection
WONDERFUL REAL ESTATE	S-9751	3800 FANUCCHI WAY	6/16/2022	One Day/First Day of Multi-Day Inspection
PLAINS LPG SERVICES LP	S-71	7TH STANDARD RD & BEECH AVE	6/16/2022	Multi-Day, Ongoing Inspection
PLAINS LPG SERVICES LP	S-71	7TH STANDARD RD & BEECH AVE	6/16/2022	Multi-Day, Ongoing Inspection
CON-FAB CALIFORNIA LLC	S-7322	701 GOLDS AVE	6/20/2022	One Day/First Day of Multi-Day Inspection
CLEAN ENERGY SYSTEMS INC	S-6849	16000 DRIVER RD	6/23/2022	Breakdown/Deviation Investigation
NIKKEL IRON WORKS INC	S-8	17045 CENTRAL VALLEY HWY	6/23/2022	One Day/First Day of Multi-Day Inspection
PERFORMANCE FOOD GROUP	S-6646	255 N DRIVER RD	6/23/2022	One Day/First Day of Multi-Day Inspection
CALIFORNIA PAPER PRODUCTS LLC	S-7122	5901 ZERKER RD	6/27/2022	One Day/First Day of Multi-Day Inspection
BAKER HUGHES OILFIELD OPERATIONS LLC	S-8022	3901 FANUCCHI WY	6/28/2022	One Day/First Day of Multi-Day Inspection
JOSE LUIS ALBERTO	S-3881	282 S BEECH AVE	6/28/2022	One Day/First Day of Multi-Day Inspection
DENBESTE MANUFACTURING INC	S-6935	31162 SHELBY LN	6/28/2022	One Day/First Day of Multi-Day Inspection

Enforcement Plan

Summary of Complaints

District inspectors respond to approximately 3,000 public air pollution complaints District-wide each year. Some complaints are related to permitted facilities, however a majority of complaints received by the District are for other sources of pollution such as illegal open burning, fireplace burning, dust generating activities, and miscellaneous odors. The District responds to all public complaints received, and makes every effort to respond as quickly as possible. Most complaints are investigated the same day they are reported. The following is a summary of all public air pollution complaints received and responded to within the Shafter Community from July 2021 through June 2022. A previous report of complaints can be found in [Appendix F](#) of the Shafter CERP and in the 2021 annual report.

Complaint No.	Date/Time Received	Owner/Operator/Responsible Party	Property Address	Complaint Type	Complaint Description	Resolution	Resolution Description
S-2108-032	8/14/21 8:00 AM	Gavino Rodriguez	Burbank/Orange, Shafter	Fugitive Dust	Large amounts of Dust being generated near residential area.	Not Confirmed	Staff surveyed the area. No dust observed during the investigation.
S-2108-044	8/14/21 8:15 AM	Gavino Rodriguez	Burbank and Big John Rd, Shafter	Fugitive Dust	Large amount of Dust and possibly smoke being generated at an almond orchard	Not Confirmed	Staff surveyed the area. No dust observed during the investigation.
S-2109-067	9/23/21 9:30 AM		4221 Roxy Lane, Shafter	Fugitive Dust	Resident that lives here drives their car really fast on a road that connects with other neighbors to get to their home. Causes a lot of dirt doing this.	No Violation	Staff was able to identify the dirt road, however was unable to see any dust generating activities.
S-2109-081	9/28/21 7:56 PM	Jeffries Family	Orchard on Merced Ave, West of Cherry Ave, Shafter	Ag Burn	Illegal burn	No Violation	Illegal dumping and burning occurring onsite. Property owner has cleaned up the site and posted No Dumping signs at the location.
S-2110-009	10/4/21 3:34 PM		Burbank St. & Mannel Ave.	Fugitive Dust	Fugitive dust from shaking of almond trees	Not Confirmed	No dust observed during the investigation. Harvest ended about a month ago at this location. Facility in compliance with Conservation Management Practices Plan. Low Dust Harvester Replacement Program discussed with operator.
S-2110-014	10/5/21 5:45 PM		Rodeo St.	Fugitive Dust	Cars and trucks driving on vacant lot to use as parking or racing kick up a lot of dust that covers my home and vehicles and neighbors.	No Violation	Staff observed cars and trucks parked and entering/exiting the open lot. Lot is subject to District Rules 8041 and Rule 8071, however violations were not documented during the investigation. Dust mitigation measures were discussed with responsible party.
S-2110-039Staff	10/13/21 12:05 PM		Calloway St. & Pacific Ave.	Open Burn	Burning debris in yard	Not Confirmed	Staff surveyed the area but were unable to detect any signs of an open burn.
S-2110-050	10/18/21 2:16 PM		315 Walnut Street	Open Burn	Individuals burning wood in smoker several times	No Violation	Staff could see smoke from a smoker but were not able to make contact with resident or confirm contents in the smoker. Staff sent a warning letter and informational pamphlet to resident.
S-2110-079	10/28/21 1:54 PM	Dino Mastrocinque	22213 Snow Rd, Bakersfield	Fugitive Dust	Operating a business hauling almond hulls onto property. Trucks causing dust. Also turning piles.	No Violation	The property was assessed for applicability to District Rules 8021- Construction, Demolition, Excavation, Extraction, and other Earthmoving Activities and District Rule 8031-Bulk Materials. Based on the findings during the investigation the facility is not subject to Rule 8021 or Rule 8031. Staff discussed mitigation measures to keep visible dust emissions below 20 % opacity.
S-2111-022	11/5/21 7:00 AM		Shafter Ave. & Madera Ave.	Odor	Overwhelming smell of marijuana in Shafter Ca.	No Violation	Staff confirmed the harvesting of hemp at this location. Site is less than 100 acres and not subject to District Rule 4550- Conservation Management Practices. The field is registered with the Kern County Ag Commissioner as BIH Farm, LLC. Approved to harvest for 30 days until 11/26/21.
S-2111-077	11/25/21 1:29 PM		315 Walnut Street	Open Burn	Burning wood in a smoker. Smoke is getting into the RP's residence.	No Violation	Staff confirmed that resident was cooking meat in the smoker.
S-2112-063	12/13/21 6:00 PM	SOUTH VALLEY FARMS	Lerdo Highway	Ag Burn	Illegal Ag burn off of Lerdo Hwy next to Wonderful Property	NOV Issued	Staff discovered two burn piles East of Mendota St. and Los Angeles St. in an orchard. A Notice of Violation was issued for burning without District authorization.
S-2202-040	2/15/22 6:13 PM	Manual Valdovinos	18499 Shafter Ave, Shafter	Open Burn	Resident was burning a truck bed full of wood. Resident refused to let KCFD access into his yard to extinguish fire. Resident put fire out with a garden hose.	Not Confirmed	Staff investigated but could not confirm burning as the property was surrounded by a large fence. A District burn letter and brochure were mailed to the resident.
S-2205-016	5/9/22 10:34 AM		678 Vasquez Ave, Shafter	Odor	Resident is performing auto body work in their driveway causing strong odor of paint & chemicals.	No Violation	Staff investigated and confirmed priming occurred earlier in the day with an aerosol can. Resident sometimes paints as a hobby. Aerosol coating products are exempt from District Rule 4612- Motor Vehicle and Mobile Equipment Coating Operations.
S-2206-027	6/13/22 1:44 PM		Weyand Way & State Ave, Shafter	Fugitive Dust	Cherry orchard being sprayed, creating alot of dust.	Referred To	Staff investigated and referred the complaint to the Kern County Ag Commissioner's Office.
S-2206-042	6/24/22 1:06 PM		4221 Roxy Ln, Shafter	Fugitive Dust	Bee Company causing extreme dust on dirt road.	Not Confirmed	Staff surveyed the area. No dust observed during the investigation.

Enforcement Plan

Summary of Violations Found

The District implements a robust enforcement program that includes regular inspections of facilities with District permits as well as other potential sources of air contaminants. In the Shafter CERP, the District committed to further enhancing its enforcement efforts in the areas of concern to the community. From July 1, 2021 through June 30, 2022, District compliance staff have completed numerous hours of additional surveillance in the Shafter Community for open burning violations, fireplace violations, and idling diesel truck violations, in addition to conducting more frequent inspections at facilities with recent emissions violations.

When a violation of a District rule or other air pollution regulation is discovered during an inspection, complaint investigation, or through surveillance activities, the violation is documented through the issuance of a formal notice to the owner or operator, and depending on the nature of the violation, may be subject to substantial monetary penalties. The following is a summary of all violation notices issued from July 2021 to June 2022 for violations of District Rules or other State air pollution control regulations within the Shafter Community. These include violations at permitted facilities as well as other non-permitted facilities and private residences. A previous list of violations can be found in [Appendix F](#) of the Shafter CERP and in the 2021 annual report.

Date	Type	Violation #	Issued To	Facility ID	Location	Description	Rules
7/7/2021	NOV	5026585	Meyer's Big Stop	S-105	127 S Shafter Ave, Shafter	Failure to conduct and pass the required vapor recovery performance testing	2070 (Standards for Granting Applications), 4621 (Gasoline Transfer into Stationary Storage Containers, Delivery Vessels, and Bulk Plants), 4622 (Gasoline Transfer into Motor Vehicle Fuel Tanks)
7/8/2021	NTC	5009903	Apple Market		111 Central Valley Hwy, Shafter	Failure to pay annual fees by March 1st of each calendar year and file annual report.	95384 (CA Code of Regulations, Title 17). 95388 (CA Code of Regulations, Title 17)
7/15/2021	NTC	5009930	Oasis Holstein Dairy	S-5141	18041 Palm Ave, Shafter	Failure to harvest wheat used for the pile at an average moisture content of at least 65% as required in permit condition #21.	2070 (Standards for Granting Applications), 4570 (Confined Animal Facilities)
8/23/2021	NOV	5026776	Plains Lpg Services Lp	S-71	7Th Standard Rd & Beech Ave, Shafter	i. Two leaks exceeding 50kppm on Rule 4455 subject components ii. Exceedance of allowable valve leaks on Rule 4455 subject components iii. Six leaks exceeding 1000ppm on Rule 4624 subject components	2070 (Standards for Granting Applications), 2520 (Federally Mandated Operating Permits), 4455 (Components at Petroleum Refineries, Gas Liquids Processing Facilities, and Chemical Plants), 4624 (Transfer of Organic Liquids)
8/30/2021	NOV	47806	Oil Well Service Company	S-9139	10255 Enos Ln, Shafter	Failure to maintain vapor recovery system	2070 (Standards for Granting Applications), 4622 (Gasoline Transfer into Motor Vehicle Fuel Tanks)
9/2/2021	NOV	47808	Jiffy's Store	S-239	538 Central Ave, Shafter	Failure to maintain vapor recovery system	2070 (Standards for Granting Applications), 4622 (Gasoline Transfer into Motor Vehicle Fuel Tanks)
9/2/2021	NOV	5026843	Wilbur-Ellis Co	S-1301	925 Gold's Ave, Shafter	Failure to conduct and pass the required vapor recovery performance testing	2070 (Standards for Granting Applications), 4621 (Gasoline Transfer into Stationary Storage Containers, Delivery Vessels, and Bulk Plants), 4622 (Gasoline Transfer into Motor Vehicle Fuel Tanks)
9/3/2021	NOV	47851	Hacienda Trucking		Walker St and Poso Ave, Shafter	Diesel Idling	2485 (CA Code of Regulations, Title 13)
9/15/2021	NOV	5026896	J P Oil Co, LLC	S-2865	Imperial St. Shafter Location, Shafter	failure to maintain leak-free condition	2070 (Standards for Granting Applications), 2201 (New and Modified Stationary Source Review Rule), 4623 (Storage of Organic Liquids)
9/15/2021	NOV	5026898	J P Oil Co, LLC	S-2865	Imperial St. Shafter Location, Shafter	Four leaks exceeding 1,000ppm	2070 (Standards for Granting Applications), 4624 (Transfer of Organic Liquids)
9/15/2021	NOV	5026900	J P Oil Co, LLC	S-2865	Imperial St. Shafter Location, Shafter	Three leaks exceeding 50,000ppm Number of valve and number of thread component leaks exceeded the maximum allowable leaks from Table 2 of Rule 4409	4409 (Components at Light Crude Oil Production Facilities, Natural Gas Production Facilities, and Natural Gas Processing Facilities)
9/16/2021	NOV	5026909	J P Oil Co, LLC	S-2865	Imperial St. Shafter Location, Shafter	Exceedance of the 9ppm NOx emission limit (Pump #4) Exceedance of the 56ppm CO emissions limit (Pump #2 & #4)	2070 (Standards for Granting Applications), 4702 (Internal Combustion Engines - Phase 2)
9/16/2021	NOV	5026911	J P Oil Co, LLC	S-8561	Rio Bravo Gas Plant, Shafter	Exceedance of the 9ppm NOx emission limit	2070 (Standards for Granting Applications), 2201 (New and Modified Stationary Source Review Rule), 4702 (Internal Combustion Engines - Phase 2)
9/22/2021	NOV	5026936	SJV Quality Cotton	S-876	17053 N Shafter Ave, Shafter	Failure to conduct and pass the required vapor recovery performance testing	2070 (Standards for Granting Applications), 4621 (Gasoline Transfer into Stationary Storage Containers, Delivery Vessels, and Bulk Plants), 4622 (Gasoline Transfer into Motor Vehicle Fuel Tanks)
9/27/2021	NOV	5026975	PowerSecure	S-8529	2801 Zachary Ave, Shafter	Installation of engines with horsepower different from the Authority to Construct	2010 (Permits Required)
9/28/2021	NOV	5026978	Ross Stores Inc	S-8529	2801 Zachary Ave, Shafter	Exceeding the 50 hour per calendar year non-emergency use	2070 (Standards for Granting Applications), 2201 (New and Modified Stationary Source Review Rule), 4702 (Internal Combustion Engines - Phase 2), 93115 (ATCM for Stationary Compression Ignition Engines)
10/15/2021	NTC	5010040	Plains Lpg Services Lp	S-71	7Th Standard Rd & Beech Ave	Failure to register COGR Regulated Equipment	95674 (CA Code of Regulations, Title 17), 2260 (Registration Requirements for Equipment Subject to California's Oil and Gas Regulation)
10/18/2021	NTC	5010042	Farm Pump and Irrigation		535 North Shafter Ave	Incomplete record keeping as required by Section 2458.	2458 (CA Code of Regulations, Title 13)
10/27/2021	NOV	5027134	California Resources Production Corp	S-1737	900 Old River Rd	Greater than 50,000 ppm gas leak on stainless steel PRV.	95669 (CA Code of Regulations, Title 17)
11/1/2021	NOV	47812	Jaco Hill	S-2360	1375 F St	operating a gasoline dispensing facility without a certified Phase II vapor recovery system. Failure to install one low-permeation hose E.O. VR-202	2070 (Standards for Granting Applications), 4622 (Gasoline Transfer into Motor Vehicle Fuel Tanks)
11/8/2021	NOV	5027182	Christopher Barrera		545 Acacia Avenue	Use of a wood burning fireplace, wood burning heater, or outdoor wood burning device on an episodic wood burning curtailment day.	4901 (Wood Burning Fireplaces and Wood Burning Heaters)
11/8/2021	NOV	47223	Marlec Sanchez		18600 Shafter Ave	Illegal Open Burning	4103 (Open Burning)
11/9/2021	NOV	47266	H B Ag Inc		190661 Beech Ave	Burning without authorization	4103 (Open Burning)
11/12/2021	NOV	5027220	Calixto Gonzalez		403 W Euclid Avenue	Use of a wood burning fireplace, wood burning heater, or outdoor wood burning device on an episodic wood burning curtailment day.	4901 (Wood Burning Fireplaces and Wood Burning Heaters)
11/16/2021	NOV	5027246	Mayra & Jesus Medina		290 Faber Street	Use of a wood burning fireplace, wood burning heater, or outdoor wood burning device on an episodic wood burning curtailment day.	4901 (Wood Burning Fireplaces and Wood Burning Heaters)
11/22/2021	NOV	5027294	Rosario M. Gutierrez		300 Golden West Ave	Illegal burning in a burn barrel	93113 (CA Code of Regulations, Title 17)
11/24/2021	NOV	5027322	Premiere Farmland Partners IV		Santa Fe Way & Gold's Ave	Unauthorized Ag burn	4103 (Open Burning)
11/29/2021	NOV	47853	Castorena Trucking		Elm Street and Lerdo Hwy	Diesel Idling	2485 (CA Code of Regulations, Title 13)
12/6/2021	NOV	5027431	Resident		347 Oak Street	Use of a wood burning fireplace, wood burning heater, or outdoor wood burning device on an episodic wood burning curtailment day.	4901 (Wood Burning Fireplaces and Wood Burning Heaters)
12/6/2021	NOV	5027441	South Valley Farms		NE Riverside & Mendota	Burning without District authorization	4103 (Open Burning)
12/9/2021	NOV	5027529	Elk Corp Of Texas	S-2033	6200 Zerker Rd	I. Exceedance of the 5.04lb/hr VOC emission limit II. Failure to submit source test results within 60 days of testing	1080 (Stack Monitoring), 2070 (Standards for Granting Applications), 2201 (New and Modified Stationary Source Review Rule), 2520 (Federally Mandated Operating Permits)

Date	Type	Violation #	Issued To	Facility ID	Location	Description	Rules
12/9/2021	NOV	5027525	Manuel M Luna		235 Maple Street	Use of a wood burning fireplace, wood burning heater, or outdoor wood burning device on an episodic wood burning curtailment day.	4901 (Wood Burning Fireplaces and Wood Burning Heaters)
12/13/2021	NOV	47731	Ruvy Mateos		30704 Rodriguez St	Illegal Open Burning	4103 (Open Burning)
12/14/2021	NOV	5027575	US Trucking Inc.		Zachary Ave & Crome St	Diesel Idling	2485 (CA Code of Regulations, Title 13)
12/20/2021	NOV	5027595	Eugenio Tavarez		424 Faber Street	Use of a wood burning fireplace, wood burning heater, or outdoor wood burning device on an episodic wood burning curtailment day.	4901 (Wood Burning Fireplaces and Wood Burning Heaters)
12/20/2021	NOV	5027603	Thomas D Martin		681 Hitchcock Avenue	Use of a wood burning fireplace, wood burning heater, or outdoor wood burning device on an episodic wood burning curtailment day.	4901 (Wood Burning Fireplaces and Wood Burning Heaters)
12/20/2021	NOV	5027604	David & Jennifer Payne		375 Cross Street	Use of a wood burning fireplace, wood burning heater, or outdoor wood burning device on an episodic wood burning curtailment day.	4901 (Wood Burning Fireplaces and Wood Burning Heaters)
12/20/2021	NOV	5027606	Zachary & Ashley Toews		522 Sierra Avenue	Use of a wood burning fireplace, wood burning heater, or outdoor wood burning device on an episodic wood burning curtailment day.	4901 (Wood Burning Fireplaces and Wood Burning Heaters)
12/20/2021	NOV	5027608	Arlyss & Janice Feil		283 Maple Street	Use of a wood burning fireplace, wood burning heater, or outdoor wood burning device on an episodic wood burning curtailment day.	4901 (Wood Burning Fireplaces and Wood Burning Heaters)
12/20/2021	NOV	5027628	Daniel Martinez Refugio		533 Hofman Drive	Use of a wood burning fireplace, wood burning heater, or outdoor wood burning device on an episodic wood burning curtailment day.	4901 (Wood Burning Fireplaces and Wood Burning Heaters)
12/20/2021	NOV	5027630	Daniel Chavez & Alba Renteria		405 Beech Avenue	Use of a wood burning fireplace, wood burning heater, or outdoor wood burning device on an episodic wood burning curtailment day.	4901 (Wood Burning Fireplaces and Wood Burning Heaters)
12/21/2021	NOV	5027637	Zachary & Ashley Toews		522 Sierra Avenue	Use of a wood burning fireplace, wood burning heater, or outdoor wood burning device on an episodic wood burning curtailment day.	4901 (Wood Burning Fireplaces and Wood Burning Heaters)
12/21/2021	NOV	5027639	Warren Richardson		200 Aspen Street	Use of a wood burning fireplace, wood burning heater, or outdoor wood burning device on an episodic wood burning curtailment day.	4901 (Wood Burning Fireplaces and Wood Burning Heaters)
1/3/2022	NOV	5027779	J P Oil Co, LLC	S-2865	Imperial St. Shafter location, Shafter	Leak exceeding 1,000ppm	2070 (Standards for Granting Applications), 4624 (Transfer of Organic Liquids)
1/3/2022	NOV	5027782	J P Oil Co, LLC	S-2865	Imperial St. Shafter Location, Shafter	i. One leak exceeding 50,000ppm ii. Number of valve component leaks exceeded the maximum allowable leaks from Table 2 of Rule 4409	4409 (Components at Light Crude Oil Production Facilities, Natural Gas Production Facilities, and Natural Gas Processing Facilities)
1/3/2022	NOV	5027783	J P Oil Co, LLC	S-2865	Imperial St. Shafter Location, Shafter	Exceedance of the 9ppm NOx emission limit (-47, -56, -78) Exceedance of the 56ppm CO emissions limit (-58)	2070 (Standards for Granting Applications), 4702 (Internal Combustion Engines - Phase 2)
1/3/2022	NOV	5027773	Timothy & Monica Powell		182 Oak Court, Shafter	Use of a wood burning fireplace, wood burning heater, or outdoor wood burning device on an episodic wood burning curtailment day.	4901 (Wood Burning Fireplaces and Wood Burning Heaters)
1/6/2022	NOV	5027831	Storie and Severson Construction		SW corner of 7th Standard Rd & Zachary Ave, Shafter	Failure to immediately remove trackout extending greater than 50 feet on a paved public road	8021 (Construction, Demolition, Excavation, Extraction and Other Earthmoving Activities), 8041 (Carryout and Trackout)
1/6/2022	NOV	5027833	J P Oil Co, LLC	S-8561	Rio Bravo Gas Plant, Shafter	one leak greater than 50,000ppm on a Rule 4409 subject component	4409 (Components at Light Crude Oil Production Facilities, Natural Gas Production Facilities, and Natural Gas Processing Facilities)
1/7/2022	NOV	5027838	Jr Simplot Co/Simplot Grower Solutions	S-3778	19421 Creek Rd, Bakersfield	Operating an IC engine greater than 50 hp without a permit to operate	2010 (Permits Required), 4702 (Internal Combustion Engines - Phase 2)
1/10/2022	NOV	5027875	Cruz Sanchez Jr		1180 Weyand Way, Shafter	Use of a wood burning fireplace, wood burning heater, or outdoor wood burning device on an episodic wood burning curtailment day.	4901 (Wood Burning Fireplaces and Wood Burning Heaters)
2/2/2022	NOV	47823	Jeffries Brothers Inc	S-2417	102 S Beech Ave, Shafter	Failure to maintain vapor recovery system	2070 (Standards for Granting Applications), 4622 (Gasoline Transfer into Motor Vehicle Fuel Tanks)
2/3/2022	NOV	5028189	David Jacobsen Farms		NE Corner of Madera Ave & Mannel Ave, Shafter	Failure to permit engine >50hp prior to use	2010 (Permits Required), 4702 (Internal Combustion Engines - Phase 2)
2/14/2022	NOV	5028284	GP Farms Inc		NW corner of Magnolia Ave & W Los Angeles Ave, Shafter	Burning prohibited material as defined in Rule 4103 Section 5.1	4103 (Open Burning)
2/15/2022	NOV	5028300	Sergio Pelayo Sanchez		441 Gibson Ln, Shafter	Use of a wood burning fireplace, wood burning heater, or outdoor wood burning device on an episodic wood burning curtailment day.	4901 (Wood Burning Fireplaces and Wood Burning Heaters)
2/15/2022	NOV	5028301	Wonderful Real Estate Development		3800 Fanucci Way, Shafter	Failure to submit Air Impact Assessment application	9510 (Indirect Source Review (ISR))
2/18/2022	NOV	5028329	North Of River Sanitary District	S-1316	77th Standard Rd W/O Scaroni Ave, Bakersfield	Installation and operation of an uncertified 1.95 MMBtu/hr Rite Model W200WGG boiler fired on Digester gas/Propane. Amended to include District Rule 2010 for the installation and operation without first applying for an Authority to Construct.	2010 (Permits Required), 4308 (Boilers, Steam Generators, and Process Heaters (0.075 MMBtu/hr to 2.0 MMBtu/hr))
2/24/2022	NOV	5028377	Othel Pearson		18880 Beech Ave, Shafter	Use of a wood burning fireplace, wood burning heater, or outdoor wood burning device on an episodic wood burning curtailment day.	4901 (Wood Burning Fireplaces and Wood Burning Heaters)
2/24/2022	NOV	5028378	Flora Tolbert		18860 Beech Ave, Shafter	Use of a wood burning fireplace, wood burning heater, or outdoor wood burning device on an episodic wood burning curtailment day.	4901 (Wood Burning Fireplaces and Wood Burning Heaters)
2/28/2022	NOV	5028389	Warren Richardson		200 Aspen Way, Shafter	Use of a wood burning fireplace, wood burning heater, or outdoor wood burning device on an episodic wood burning curtailment day.	4901 (Wood Burning Fireplaces and Wood Burning Heaters)
3/7/2022	NOV	5028443	Plains Lpg Services Lp	S-71	77th Standard Rd & Beech Ave, Shafter	i. 8 leaks exceeding 50,000ppm on 4455 subject components ii. exceedance of allowable valve leaks iii. 6 leaks exceeding 1000ppm on 4624 subject components	2070 (Standards for Granting Applications), 2520 (Federally Mandated Operating Permits), 4455 (Components at Petroleum Refineries, Gas Liquids Processing Facilities, and Chemical Plants), 4624 (Transfer of Organic Liquids)
3/15/2022	NOV	5028485	Martin Jimenez		18489 Shafter Ave, Shafter	Illegal open burning.	4103 (Open Burning)
3/15/2022	NOV	5028493	Wonderful Real Estate Development		4705 Capital Rd, Shafter	Failure to submit Air Impact Assessment application	9510 (Indirect Source Review (ISR))
3/17/2022	NOV	5028512	Greg's Petroleum	S-8067	863 Central Valley Hwy, Shafter	Failure to maintain vapor recovery system	2010 (Permits Required), 4621 (Gasoline Transfer into Stationary Storage Containers, Delivery Vessels, and Bulk Plants)
3/17/2022	NOV	5028509	Wonderful Real Estate Development		3800 Fanucci Way, Shafter	I. Failure to remove trackout as required by Rule 8041 sections 5.3 and 5.8.2 (DCP 2021-2424-S) II. Failure to adhere to the requirements of DCP 2021-2424-S	8021 (Construction, Demolition, Excavation, Extraction and Other Earthmoving Activities), 8041 (Carryout and Trackout)

Date	Type	Violation #	Issued To	Facility ID	Location	Description	Rules
4/25/2022	NTC	5010191	Klassen & Smith Construction		SE corner of Enterprise St and Capital Rd, Shafter	Failure to maintain daily watering records	8021 (Construction, Demolition, Excavation, Extraction and Other Earthmoving Activities)
5/3/2022	NOV	5028696	Jed Francis, Inc.		Lot 10b Wonderful Development, Shafter	Operation of a diesel engine >50 hp without a permit to operate or a CARB PERP registration.	2010 (Permits Required)
5/4/2022	NOV	43889	Antonio Madrigal		18854 Beech Ave, Shafter	illegal open burning	4103 (Open Burning)
6/2/2022	NOV	5028846	California Resources Production Corp	S-1737	Light Oil Central, Shafter	One (1) gas leak greater than 50,000 ppm.	2070 (Standards for Granting Applications), 2201 (New and Modified Stationary Source Review Rule), 2520 (Federally Mandated Operating Permits), 4409 (Components at Light Crude Oil Production Facilities, Natural Gas Production Facilities, and Natural Gas Processing Facilities)
6/8/2022	NOV	5028872	California Resources Production Corp	S-1737	Light Oil Central, Shafter	One (1) gas leak greater than 10,000 ppm.	2070 (Standards for Granting Applications), 2201 (New and Modified Stationary Source Review Rule), 2520 (Federally Mandated Operating Permits), 4623 (Storage of Organic Liquids)
6/13/2022	NOV	5028882	J.P. Oil Company, Llc	S-2865	Light Oil Central, Shafter	PTO -59; Failure to install exhaust stack in an appropriate manner. ATC-87, Failure to install exhaust stack to vent vertically upward.	2010 (Permits Required), 4102 (Nuisance)
6/13/2022	NOV	5028884	J.P. Oil Company, Llc	S-2865	Light Oil Central, Shafter	Discovery of an open ended line at the Osborne 3-2 well.	4409 (Components at Light Crude Oil Production Facilities, Natural Gas Production Facilities, and Natural Gas Processing Facilities)
6/13/2022	NOV	5028885	J.P. Oil Company, Llc	S-2865	Light Oil Central, Shafter	(2) Engines exceeded CO limits (Kernco52 PTO-72 & Kernco 21 PTO-51) (1) Engine exceeded NOx limits (Weber 3 PTO-77)	2070 (Standards for Granting Applications), 2201 (New and Modified Stationary Source Review Rule), 4702 (Internal Combustion Engines - Phase 2)
6/13/2022	NOV	5028889	J.P. Oil Company, Llc	S-2865	Light Oil Central, Shafter	Discovery of 3 tank leaks over 10k ppm a. (2) on PTO 38 b. (1) on PTO 80	2070 (Standards for Granting Applications), 2201 (New and Modified Stationary Source Review Rule), 4623 (Storage of Organic Liquids)