

Community Air Protection Program
Annual Report
San Joaquin Valley Air Pollution Control District
Grant # G21-CAPP-26
Reporting Period and Fully Expended Through: 03/01/23 - 5/31/24
Date of Submission: August 31, 2025

Implementation of AB 617 mandates requires significant investment in staffing resources, support services, and procurement of equipment by the San Joaquin Valley Air Pollution Control District (District), including development and implementation of additional emissions reporting, community air monitoring, Best Available Retrofit Control Technology (BARCT), and community emission reduction program requirements and measures. These requirements include strict implementation deadlines prescribed under AB 617 and related implementation guidance provided by CARB in their *Community Air Protection Blueprint*.

District expenditures to implement the requirements of AB 617 under these grant agreements are described in more detail in the report below. Given the ongoing implementation nature of the AB 617 program, expenditures are earned against the available resources as they are incurred, and are reported for both agreements by category of expense accordingly.

AB617 Expenditure and Fund Balance 2025 Report

Total Grant Award	12,700,000.00
Interest Earned	330,166.08
Total Revenue	13,030,166.08
Program Implementation Costs:	Actual
Services, Supplies and Equipment Purchases	1,811,820.49
Staffing and Support Resources	11,218,345.59
Total Costs	13,030,166.08
Available Balance as of May 31, 2024	-

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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.

Figure 1 Examples of CAP-Funded Incentives Projects Since 2018

Implementation Progress in South Central Fresno

The community of South Central Fresno, selected by CARB in 2018 for AB 617 implementation, is a densely populated community within the City and County of Fresno. The community includes residential neighborhoods, rural communities, unincorporated county pockets, and industrial zones, all situated between three busy freeways in a heavily-trafficked center of the Valley. The South Central Fresno CSC has been meeting for nearly four years to help identify community-supported solutions to reduce air pollution and protect the underserved population within this diverse community.

The South Central Fresno Community Emission Reduction Program (CERP) and Community Air Monitoring Plan (CAMP) were developed by the CSC, District, and CARB, with the support of local agency partners within the South Central Fresno community. Since CERP adoption by the District Governing Board in September 2019, and CARB approval in February 2020, the District has continued to meet with the South Central Fresno CSC to prioritize and

implement the community-developed clean air measures and solicit feedback on how to continue enhancing the CERP.

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 District and CARB commitments 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.

Implementation Progress in Stockton

The community of Stockton was prioritized by the Air District and subsequently selected by the California Air Resources Board (CARB) as one of the second-year communities selected in the state to receive clean air resources available under AB 617, based on a technical analysis of several pollution and socioeconomic-related criteria. The Stockton AB 617 community boundary, as designed and approved by the CSC, is approximately 16 square miles and has an estimated population of 132,000. The AB 617 Stockton community is impacted across a number of health and pollution indicators. Using the State CalEnviroScreen (CES) tool, all census tracts located within the Stockton community rank in the top 5% most disadvantaged communities in California. Stockton also contains the highest ranked census tract in the District's Northern Region (San Joaquin, Stanislaus, and Merced Counties) for overall CES score, which represents a number of health and socioeconomic factors (asthma, cardiovascular disease, low birth weight, educational attainment, housing burdened low-income households, linguistic isolation, poverty, and unemployment).

Based on emissions inventory and current air monitoring data in this community, pollutants of concern include particulate matter less than 2.5 micrometers in diameter (PM_{2.5}), Black Carbon (BC), Oxides of Nitrogen (NO_x), Carbon Monoxide (CO), Ozone (O₃) and Volatile Organic Compounds (VOCs). A virtual tour of the Stockton AB 617 community, produced by the Community Steering Committee to highlight some of the community's challenges can be viewed here: <https://www.youtube.com/watch?v=UuQuoSy26x4&feature=youtu.be>

Throughout the past year, the Stockton Community Steering Committee (CSC) worked in collaboration with CARB, the District, agency partners, residents, advocates, industry, and other stakeholders to prioritize and implement the various commitments in the Community Emissions Reduction Program (CERP) and Community Air Monitoring Plan (CAMP) addressing these community air quality concerns.

Air pollution emission reduction and exposure reduction measures implemented under AB 617 programs will further advance ongoing state and District efforts to reduce regional and community exposure to air pollutants. In the preparation of this CERP, the District has worked closely with the CSC, CARB, and the public. The CSC includes residents, community-based organizations, community members, environmental organizations, regulated industry representatives, local agencies, and other key stakeholders and worked to develop strategies and an implementation plan to reduce harmful air pollutants in the community of Stockton AB 617 Community. The plan developed through this collaborative process employs proven and innovative strategies, and significant resources, to improve community health by reducing exposure to air pollutants in Stockton AB 617 Community.

Implementation Progress in Arvin/Lamont

The City of Arvin and nearby Lamont are part of a small, rural community in Southeast Kern County, and have long been recognized as one of the most air quality impacted areas of the Valley. A number of heavily trafficked highways pass nearby, including Hwy 184 and Hwy 223, contributing to overall emissions in the community. The community is also surrounded by agricultural operations, industrial sources, and emissions traveling downwind from the City of Bakersfield to the northwest.

Community of Arvin/Lamont

The Arvin/Lamont community boundary area is approximately 43 square miles and has an estimated population of 41,000. The Arvin/Lamont community is impacted across a number of health and pollution indicators. Using the State CalEnviroScreen tool, the census tracts located within the proposed community rank in the top 15% statewide for overall CalEnviroScreen score, weighted for PM2.5 and ozone impacts, which represents a number of health and socioeconomic factors (asthma, cardiovascular disease, low birth weight, educational attainment, housing burdened low income households, linguistic isolation, poverty, and unemployment). Additionally, the Arvin/Lamont community was selected for the Institute for Local Government's Boost Program in collaboration with the Strategic Growth Council, which has afforded them technical assistance with capacity building for air quality improvement and energy reduction. These efforts in the community allow the District and community to leverage resources to maximize benefits under AB 617.

The Arvin/Lamont CERP and Community Air Monitoring Plan (CAMP) were developed by the CSC, District, and CARB, with the support of local agency partners within the Arvin/Lamont community. Since CERP adoption by the District Governing Board in June 2022 and by the CARB Governing Board in October 2022, the District has continued to meet with the Arvin/Lamont 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 air monitoring equipment for the community air monitoring network within the Arvin/Lamont 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 \$30 million in incentive funding for a variety of clean air projects in the South Kern area. As included in the CERP, these District and CARB commitments will reduce 136 tons of PM2.5, 421 tons of NOx, and 161 tons of VOCs in Arvin/Lamont, as well as 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 Arvin/Lamont community has made significant progress in reducing emissions through implementation of various incentives, enforcement, regulatory, mitigation, and outreach measures.

In September 2022, the District worked with the CSC to establish a [Pesticides Subcommittee](#) in coordination with the California Department for Pesticide Regulation (DPR), CARB, OEHHA, and the Kern County Agricultural Commissioner. The subcommittee meets bimonthly to tackle the [interagency commitments](#) in the CERP.

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.

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.

EMISSIONS REDUCTION TARGET AND METRICS FOR TRACKING PROGRESS

The District and CSC included a robust set of metrics to track progress in the Community Emissions Reductions Programs. The CSCs have 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, where needed. 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.

South Central Fresno CERP Measures Tracker:

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

Shafter CERP Measures Tracker:

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

Stockton CERP Measures Tracker:
<https://community.valleyair.org/stockton-tracker/>

Arvin/Lamont CERP Measures Tracker:
English: community.valleyair.org/arvin-tracker
Spanish: community.valleyair.org/arvin-tracker-sp

INCENTIVES MEASURES

AB 617 RESIDENTS GET FREE AIR PURIFIERS

In collaboration with CSC, the District kicked off the Fresno, Shafter, and Stockton AB 617 Clean Air Rooms Program to provide CARB certified high efficiency residential air filtration units to residents. Eligible first time applicants residing within the AB 617 boundaries had the opportunity to receive a free portable air filtration unit for their homes. The District coordinated outreach both within the boundaries and across the Valley, educating residents on ways to find air quality information and encouraging them to apply for the District's Clean Air Rooms program

The air purifiers distributed through the program are HEPA rated and can reduce indoor particulate matter by over 90% in well sealed environments. By creating a dedicated "clean air room" such as a bedroom, residents can ensure that they have a space with safe indoor air quality when smoke events occur.

To get the word out about the program, the District worked with the CSC, local community based organizations.

The approved CERP includes numerous incentive-based measures identified and prioritized by the CSC. The District had been working closely with the CSC on prioritizing and implementing these measures as feasible throughout the community. 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 CERP also includes numerous measures that fall outside of the pre-approved program categories included in the CAP Guidelines, including lawn and garden equipment replacement, residential wood burning fireplace change out, residential air filtration, urban greening, and residential vehicle replacement.

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 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 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.

CERP Measure Prioritization in Shafter

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.

Figure 2 Shafter CERP Measure Prioritization

Community Emissions Reduction Program (CERP) Prioritization Findings

Twelve Community Steering Committee (CSC) members completed the CERP prioritization survey: 8 Residents, 2 Environmental Justice Advocates and 2 Government Officials. The survey was designed to help the District better understand the collective interest in:

- + Discussing CERP measure progress
- + Working in CSC meetings on outreach strategies
- + Reevaluating support and outreach plans for measures that do not have enough participation or are oversubscribed.

CSC members were asked to rank order the CERP categories (Exhibit 1) and CERP measures (Exhibits 2-8). The rank orders were determined by averaging scores for each individual question, where the average score is a higher the priority. The following Exhibits list all the rankings for each question and the top 3 average scores are displayed with dark blue circles.

Doce miembros del Comité Directivo Comunitario (CSC) completaron la encuesta de priorización CERP: 8 residentes, 2 defensores de la justicia ambiental y 2 funcionarios gubernamentales. La encuesta fue diseñada para ayudar al Distrito comprender el interés colectivo en:

- + *Discutir el progreso de la medida CERP*
- + *Trabajar en reuniones de CSC sobre estrategias de divulgación*
- + *Reevaluar los planes de apoyo y divulgación para las medidas que no parecen tener suficiente participación o están suscritas en exceso.*

Se pidió a los miembros del CSC que clasificaran las categorías CERP (Anexo 1) y las medidas CERP (Anexos 2-8). Los órdenes de clasificación se determinaron promediando las puntuaciones de cada pregunta individual, donde la puntuación media es la prioridad más alta. Los siguientes Anexos enumeran todas las clasificaciones para cada pregunta y los 3 puntajes promedio principales se muestran con círculos azul oscuro.

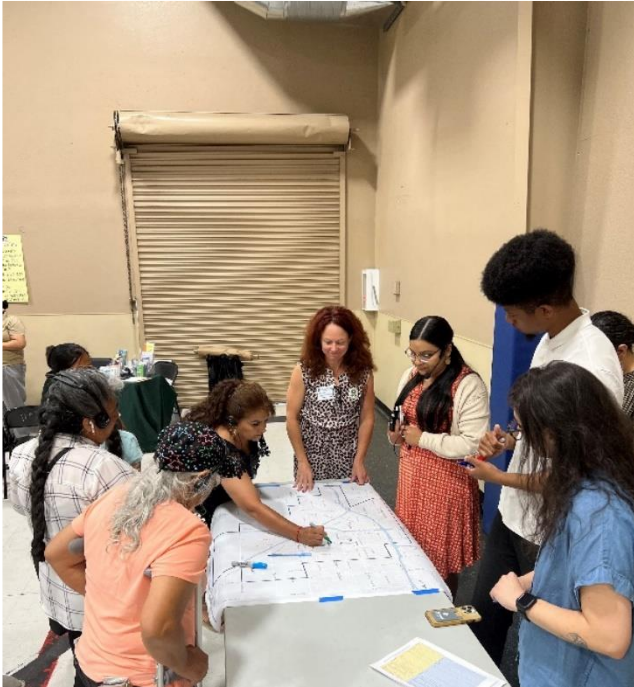


Exhibit 1. CERP Measure Categories/ Categorías de Medidas del CERP

1	Community Incentives (Lawn Equipment, Fireplaces) & Improvement Measures (Vegetative Barriers, Urban Greening) Medidas de Incentivos Comunitarias (Equipo de Jardín, Chimeneas y de Mejoramiento (Barreras Vegetativas, Ecologización Urbana)
2	Agricultural Measures (Low-Dust Nut Harvesters, Pesticides) Medidas Agrícolas (Cosechadoras de Nuez de Bajo Polvo, Pesticidas)
3	Heavy-Duty Incentives Measures (Truck replacement, Truck Alternative Fueling Infrastructure) Medidas de Incentivos de Servicio Pesado (Reemplazo de Camiones, Infraestructura de Combustible Alterno para Camiones)
4	Passenger Vehicles (Tune In Tune Up, Vehicle Replacement) Vehículos de Pasajeros (Tune In Tune Up, Reemplazo de Vehículos)
5	Land Use Measures (Sidewalks, Bike Lanes) Medidas de Uso de Suelo (Aceras, Carriles de Bicicleta)
6	Mobile Source Regulatory Measures (Truck and Bus Regulations, Anti-idling) Medidas Regulatorias de Fuentes Móviles (Regulaciones de Camiones y Autobuses, Contra Dejar el Motor Encendido Mientras Estacionado)
7	Outreach (Air Quality Education, Incentives Outreach) Alcance (Educación sobre la Calidad del Aire, Alcance de Incentivos)
8	Stationary Source Regulatory Measures (Rulemaking, BARCT) Medidas Regulatorias de Fuentes Estacionarias (Reglamentación, BARCT)

Exhibit 2. Agricultural Measures (Low-Dust Nut Harvesters, Pesticides) Measure Rankings/ Medidas Agrícolas (Cosechadoras de Nuez de Bajo Polvo, Pesticidas)

1	A.3 Alternatives to Agricultural Burning (Incentives) Alternativas a la Quema Agrícola (INCENTIVO)
2	A.2 Low-Dust Nut Harvesters (Incentives) Cosechadoras de Nueces de Bajo Polvo (INCENTIVO)
3	A.5 Replace Diesel Ag Pump Engines with Electric Motors (Incentives) Reemplazar Motores de Bomba de Riego Agrícolas de Diésel con Motores Eléctricos (INCENTIVO)
4	A.6 Replace Diesel Ag Equipment with Electric (Incentives) Reemplazar Equipo Agrícola Diésel con Equipo Eléctrico (INCENTIVO)
5	A.9 Implementation of Alternative Manure Management Strategies (Partnership) Implementación de Estrategias Alternativas de Gestión de Estiércol (ASOCIACIÓN)
6	A.4 Conservative Tillage Practices (Partnership) Prácticas Conservadoras de Labranza (ASOCIACIÓN)
7	A.10 Pesticide Measures (Partnership) Medidas de Pesticidas (ASOCIACIÓN)



Fresno June In-Person CSC Meeting

In June 2023, the District, in partnership with the CSC, held its first in-person CSC meeting since the start of the COVID-19 pandemic at the Malaga Community Center. CSC members had the opportunity to participate in various interactive and engaging exercises to learn and provide feedback on wildfire education and outreach, the Urban Greening Program and upcoming community events related to the measure, and a research project on the implementation of AB 617 through UC Davis and the Central California Environmental Justice Network (CCEJN). Additionally, the District's mobile air monitoring van was stationed outside the community center for CSC members to tour and ask questions. To ensure for an inclusive meeting, the District arranged for Spanish interpretation, children's activities, and dinner was provided by a local business (Cultura Kitchen) for all who attended the CSC meeting. It was also an excellent opportunity for the newest CSC members to get to know their fellow CSC members, District and CARB staff, and the facilitation team members.

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 Check Before You Burn (CBYB) programs, and connects with the public in multiple languages across any medium.

The Community Air Quality Outreach Strategy adopted as a part of the CERPs were 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 AB 617 communities. 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 consistently provided educational and promotional information in both English and Spanish with the communities 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
- Radio, social media and carteles campaign inviting businesses and the community to replace residential or commercial gas powered yard care equipment with electric
- 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 worked closely with the community outreach and monitoring subcommittee to develop a back-to-school outreach plan, specifically identifying schools within the boundary at which to pass out information about not idling, how to protect yourself from wildfire smoke impacts, and how to engage with the AB 617 CSC.

CSC members were invited to participate with our multilingual staff to help connect to their community and speak directly to parents and children about the important work happening in their neighborhoods.

Figure 3 Example of Multilingual Outreach Flyers

FREE Air Purifier!
Available for residents in South Central Fresno!
Check eligibility and submit your application online!
Don't have internet access? Call (559) 230-5800, and staff can assist with the application over the phone.

CLEAN AIR ROOMS
www.valleyair.org/roompurifier

ਸੰਗਠੀ ਅੱਗ ਦੇ ਹੁੰਦੇ ਦੇ ਨੁਕਸਾਨਦੇਹ ਸਹਿਤ ਪ੍ਰਦੂਸ਼ਣ ਨੂੰ ਘਟਾਉਣ ਵੇਲੇ ਮਦਦ ਕਰਨ ਲਈ, ਕਲੀਨ ਏਅਰ ਰੂਮਜ਼ ਪ੍ਰੋਗਰਾਮ ਵਾਧੇ ਤਾਈਂਚਾਰੀਆਂ ਦੇ ਨਿਵਾਸੀਆਂ ਨੂੰ ਕੰਗਰਿਏਸ਼ੀ ਏਅਰ ਪਊਰੀਫੀਕੇਸ਼ਨ ਮੁਕਤ ਪ੍ਰਦਾਨ ਕਰਦਾ ਹੈ।

ਕੌਣ ਅਪਲਾਈ ਕਰ ਸਕਦਾ ਹੈ?
ਇਹ ਦੇਖਣ ਲਈ ਕੀ ਕੀ ਤੁਸੀਂ ਯੋਗ ਹੋ, OAR ਕੋਡ ਸਕੈਨ ਕਰੋ ਜਾਂ www.valleyair.org/cleanairroomportal 'ਤੇ ਜਾਓ।
(ਅਸੀਂ ਵੀ ਬਨਿਕਾਰ ਦਾ ਨਾਮ ਅਤੇ ਪਤੇ ਦੇ ਨਾਲ ਕੰਗਰਿਏਸ਼ੀ ਦਾ ਸਬੂਤ ਜਮ੍ਹਾਂ ਕਰਨਾ ਲਾਜ਼ਮੀ ਹੈ। ਸਰਟੀਫਿਕੇਸ਼ਨ ਫਾਰਮ: PG&H/SoCal ਰੋਸ ਫੀਲ, ਜਨਤਕ ਉਪਯੋਗਤਾ ਫੀਲ ਜਾਂ ਕੋਲਮ/ਇੰਟਰਨੈਟ ਫੀਲ।)

ਮੁਕਤ ਹਵਾ ਸੁੱਧ ਕਰਨ ਵਾਲਾ
ਯੋਗ ਬਨਿਕਾਰਾਂ ਨੂੰ ਇੱਕ (x1) CARB®-ਪ੍ਰਮਾਣਿਤ, HEPA-ਫਿਲਟਰ, ਮੁਕੇ ਕਮਰੇ ਦਾ ਏਅਰ ਪਊਰੀਫੀਕੇਸ਼ਨ (330 ਵਰਗ ਫੁੱਟ ਤੱਕ), ਅਤੇ ਬਦਲਣ ਲਈ ਇੱਕ (x1) ਫਿਲਟਰ ਦਿੱਤਾ ਜਾਵੇਗਾ।

ਅਰਜੀ ਕਵਿੰ ਦੇਣੀ ਹੈ
ਆਪਣੀ ਅਰਜੀ valleyair.org/roompurifier 'ਤੇ ਜਮ੍ਹਾਂ ਕਰੋ
ਕੀ ਰੂਹਾਣੇ ਕੋਲ ਇੰਟਰਨੈਟ ਨਹੀਂ ਹੈ? (559) 230-5800 'ਤੇ ਕਾਲ ਕਰੋ ਅਤੇ ਸਟਾਫ਼ ਫੋਨ 'ਤੇ ਅਰਜੀ ਭਰਨ ਵੇਲੇ ਸਹਾਇਤਾ ਕਰ ਸਕਦਾ ਹੈ।

ਜੰਤਰਾਂ ਦੀ ਸਮਝਾਈ ਗਈ ਹੈ। ਜੰਤਰਾਂ ਨੂੰ ਪਹਿਲਾਂ ਆਉ, ਪਹਿਲਾਂ ਸੇਵਾ ਲਈ ਦੇ ਆਧਾਰ 'ਤੇ ਪ੍ਰਦਾਨ ਕੀਤਾ ਜਾਵੇਗਾ; ਹਰ ਯੋਗ ਪਤੇ ਲਈ ਇੱਕ ਜੰਤਰ। ਬਨਿਕਾਰ ਜੰਤਰ ਦੇ ਬੁਕਿੰਗ ਦੀ ਸਵੀ-ਚੇਟ ਨਹੀਂ ਕਰ ਸਕਦੇ। ਉਪਲਬਧ ਜੰਤਰਾਂ ਦੇ ਆਧਾਰ 'ਤੇ ਅਰਡਰ ਭਰੇ ਜਾਣਗੇ। ਪ੍ਰਦਾਨਤ ਐਲੋਕੇਸ਼ਨਾਂ ਨੂੰ ਇੱਕ ਜੰਤਰ ਅਤੇ ਇੱਕ ਰਿਪੇਅਰਮੈਂਟ ਫਿਲਟਰ ਮੁਕਤ ਮਿਲੇਗਾ। ਬਨਿਕਾਰ ਦੁਆਰਾ ਪ੍ਰਦਾਨ ਕੀਤੇ ਗਏ ਯੋਗ ਪਤੇ 'ਤੇ, ਜੰਤਰ ਅਤੇ ਫਿਲਟਰ ਲਗਭਗ 3-4 ਹਫ਼ਤਿਆਂ ਵਿੱਚ ਭੇਜੇ ਦਿੱਤੇ ਜਾਣਗੇ।

•ਰੀਪੇਅਰਮੈਂਟ ਏਅਰ ਡਿਸਟ੍ਰਿਕਟ ਬੋਰਡ
ਸਟਾਫ਼: (559) 230-5800 | grants@valleyair.org | valleyair.org/roompurifier

Recent mitigation efforts in the AB 617 communities has focused on providing clean indoor air to community residents. In a well-sealed indoor environment (e.g., windows and doors closed and sealed tightly), HEPA air filtration devices, such as those that will be offered under this program, can reduce particulate matter indoors by more than 90 percent. Use of air filtration devices to create “clean air rooms”, such as a bedroom, will ensure that the home has a dedicated space with safe indoor air quality during smoke events. As such, the South Central Fresno, Shafter, and Stockton CSC have each supported the inclusion of a residential air purification device program as one of their CERP measures.

“Smoke from severe wildfires can inundate the Valley and make its way into homes, causing significant health impacts, especially to the Valley’s most vulnerable residents. This program, which was designed in partnership with the residents, organizations, and other stakeholders in these AB 617 communities, is designed to help protect families living in these impacted neighborhoods.” -Samir Sheikh, APCO

PESTICIDE MEASURES IN AGRICULTURAL COMMUNITIES

The CSCs in South Central Fresno, Shafter, and Arvin/Lamont 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 each CERP, DPR has committed to continuing pesticide monitoring within the AB 617 community boundaries.

At the end of 2021, sparked by the community interest in the Shafter and Arvin/Lamont CERP development processes 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.

In September 2022, the District worked with the Arvin/Lamont CSC to establish a [Pesticides Subcommittee](#) in coordination with the DPR, CARB, OEHHA, and the Kern County Agricultural Commissioner. The subcommittee meets bimonthly to tackle the [interagency commitments](#) in the Arvin/Lamont adopted CERP. As with all 617 meetings, the pesticides subcommittee is an open, public meeting with accessible bilingual materials and live Spanish interpretation. When there are scheduled discussion topics that reach further than the Arvin/Lamont community, the Shafter CSC is also invited to participate.

COMPLIANCE AND ENFORCEMENT MEASURES

During the development of the South Central Fresno 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.

Enhanced Enforcement of Wood Burning Curtailments

To limit the potential for localized PM_{2.5} 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 treats fireplace surveillance and complaint response as the highest priority enforcement activity.

Enhanced Enforcement to Reduce Illegal Burning of Residential Waste

To limit the potential for localized PM_{2.5} 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 during each quarter to enforce the residential open burning prohibitions in District Rule 4103 and Title 17, California Code of Regulations, Section 93113 within the community.

Enhanced Enforcement of Regulation VIII Fugitive Dust Requirements

District rules limit fugitive dust emissions from construction, demolition, and earthmoving; bulk material storage; open areas; and unpaved roads and vehicle/equipment traffic areas. Furthermore, District rules restrict carryout and trackout onto paved public roadways. In order to facilitate enforcement of fugitive dust prohibitions, a Construction Notification or Dust Control Plan is required for all construction activities in the District involving one or more acre of disturbed surface area.

To address the community concern of construction/earthmoving dust emissions, the District conducted inspections of construction sites within the community with active Dust Control Plans or Construction Notifications pursuant to District Rule 8021 to enforce the fugitive dust emission standards contained within District Regulation VIII. Additionally, the District also conducted general area surveillance for other potential sources of fugitive dust in the community.

Enhanced Enforcement of Statewide Anti-Idling Regulation

To address the community concern of heavy-duty trucks and to limit the potential for localized PM_{2.5} and toxic air quality impacts associated with the failure to comply with the state's heavy duty anti-idling regulation, the District staff performed quarterly anti-idling surveillance. Locations where surveillance was conducted were based on CSC input provided to the District and CARB. To ensure District staff continue focusing in the areas where residents are being impacted, the District has included discussions in CSC meetings to provide updates on these efforts and to receive CSC feedback on areas to be focused on 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. Although only one violation was discovered during the surveillance performed, the District believes that the outreach provided to businesses in community will contribute to increased compliance with the state's requirements.

Enhanced Inspection Frequency of Stationary Sources

The District conducts inspections and investigations of both 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 evaluations are unannounced whenever possible and involve both a physical inspection of the facility and a review of operating and monitoring records.

To address the community concern of industrial processes as well as agricultural operations and other permitted sources of air pollution, the District reviewed the enforcement history of all permitted facilities in the community, and for each facility having 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 in all four communities and increased inspections of these facilities is ongoing.

Pilot Training Program for Conducting Self-Inspections at Gas Stations

The District has developed the training program, however, due to the close one-on-one interaction needed to train gas station owners/operators on conducting more thorough, hands-on vapor recovery system inspections, training was postponed until such a time that the training could be provided while ensuring the safety of District and facility staff. The District began conducting this training for gas station operators in Summer 2021.

DISTRICT REGULATORY MEASURES

During CERP development, and throughout implementation, the South Central Fresno and Shafter communities have placed a high priority on reducing PM_{2.5} and toxic air contaminant emissions that originate from industrial sources in and around the community. Beyond the stringent regulations and permitting requirements that are already implemented Valley-wide, the District worked with the CSC to incorporate and implement additional CERP regulatory strategies pertaining to stationary sources. Two of the measures describe stationary source regulatory actions in detail, including evaluation of BARCT requirements for rules that apply to Cap and Trade Facilities; and evaluation of rules to determine whether additional reductions are possible for sources of NO_x and PM_{2.5}. Both measures specifically list several rules that are scheduled to be evaluated in coordination with the CSC throughout the life of the CERP and are discussed more below. CARB's Board took additional action during the approval hearing to support the District and CARB's commitments to conduct reviews of stationary and mobile source rules and discuss permitting and rule-making processes, in a transparent and expeditious manner. Towards this end, the District has prioritized CSC discussion and community input on the District's regulatory review and has been providing opportunities for the CSC and community members to provide feedback as part of the rule development process, including email notifications of upcoming workshops, updates during steering committee meetings, and one-on-one conversations with steering committee members.

To address CSC concerns regarding progress towards updating rules and regulations affecting sources of concern in the community, the District presented a detailed rule development schedule during the July 2020 steering committee meeting and have implemented a process to notify CSC members of all rule development processes so they can participate and provide valuable input into the process. The CSC has identified primary sources of concern and the District has prioritized rule development on rules that these facilities are subject to, specifically the glass melting furnaces, solid fuel-fired boilers (biomass boilers), and petroleum bulk storage. These rules were amended in 2021, as described in the table below. During the rule amendment process, dates and timeframes that stationary sources including compliance dates are established as part of the process. CSC members will be provided be able to fully participate in the rule development process and their insight will not only be welcomed but encouraged through advance notice of public meetings and will be an excellent opportunity for them to provide their knowledge and experience in helping to develop these rules.

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.

District PM2.5 Plan Rule Development Efforts

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 begun performing 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.

BARCT Rule Evaluation Status

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

Rule	Title	BARCT Status
4409	Components at Light Crude Oil Production Facilities, Natural Gas Production Facilities, and Natural Gas Processing Facilities	Rules adopted June 15, 2023
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	Rule amended April 16, 2020
4566	Organic Material Composting Operations	Removed from Expedited BARCT Schedule
4625	Wastewater Separators	Meets BARCT
4621	Gasoline Transfer Into Stationary Storage Containers, Delivery Vessels, and Bulk Plant	Removed from Expedited BARCT Schedule
4402	Crude Oil Production Sumps	Rule amended December 21, 2023

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 webpage ([link](#)) 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.

Since 2021, the District has been implementing a plan designed to expedite the assessment of the health risk associated with each of the facilities located in South Central Fresno, Shafter, Stockton, and Arvin/Lamont.

Bilingual Air Toxic Hot Spot updates are provided in communities where the CSC prioritized AB2588 updated in their CERPs.

South Central Fresno

English: <https://community.valleyair.org/fresno-ab2588/>
 Spanish: <https://community.valleyair.org/fresno-ab2588-sp/>

Stockton

<https://community.valleyair.org/stockton-ab2588/>

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 IN SOUTH CENTRAL FRESNO

During CERP development, and throughout implementation, the South Central Fresno community has expressed concerns regarding air pollution emission from heavy-duty trucks and other impacts associated with industrial development, as well as planned industrial development, specifically distribution centers planned for under the City of Fresno South Industrial Priority Area Specific Plan. With respect to new development, concerns include potential increased exposure to emissions for residents that live near heavy-duty trucking corridors and major thoroughfares in the community.

To address community member concerns, several community-identified measures were included in the CERP that focused on strategies to reducing emissions and exposure from heavy-duty vehicles operating in the community as well as strategies to ensure that air quality impacts and mitigation are considered in all land use decisions within the community boundaries.

The District is facilitating discussions with the City regarding enhancing the coordination between both agencies and establishing administrative procedures aimed at further strengthening the District's engagement on California Environmental Quality Act (CEQA) project commenting and review process. These efforts are designed

to create opportunities to further the discussion with the District, the City, the CSC, and interested public members (especially impacted residents), regarding potential air quality impacts. For instance, the District has recommended additional air quality mitigation measures to reduce emissions and potential health risks associated with proposed development projects. Additionally, the City committed to, and has been including the District in the City's pre-application process, which includes written comments and/or attendance at Development Review Committee meetings for projects that will result in construction within the AB 617 area.

The District and the City have provided training and resources to the CSC on opportunities to review and comment on developmental projects that are taking place in the community in regards to CEQA, including the City of Fresno providing the CSC training on their Fresno Accelerated Application System to Electronic reviews (FAASTER), which is a public portal designed to provide information related to CEQA and developmental projects. The District continues to look for opportunities for public input on land-use decisions, provide additional public access and education regarding permitting and CEQA process, better communicate and understand air quality impacts and potential mitigation, and working together to identify and seek additional air quality improvement opportunities.

The District established a land use subcommittee to collaborate more closely with the CSC and the City of Fresno on the CARB-identified measure to seek to develop a Memorandum of Understanding (MOU) or other appropriate mechanism to strengthen the working relationship between the agencies regarding air quality impacts resulting from land use and transportation matters. The District and CSC have come together over several subcommittee meetings with the City of Fresno to develop and refine the MOU or other administrative mechanism.

For the subcommittee discussions, the City prepared language in the form of a letter, as an administrative mechanism outside of an MOU, to the District describing the various ways that were committed to and have begun implementation to strengthen the working relationship between the District and the City in coordinating specifically on projects within the AB 617 community. Among many suggested changes to the City's proposed language, some of which the City made and iterated on throughout the past year, the land use subcommittee members expressed during the June 2022 subcommittee meeting they were not supportive of any alternative to an official MOU, such as a letter. However, in this discussion, the City affirmed its commitment to continue to implement the actions to strengthen the working relationship and the District. Towards that end, the District and the City will continue to collaborate and update the CSC on projects within the AB 617 boundary.

Truck Rerouting as a Priority Measure

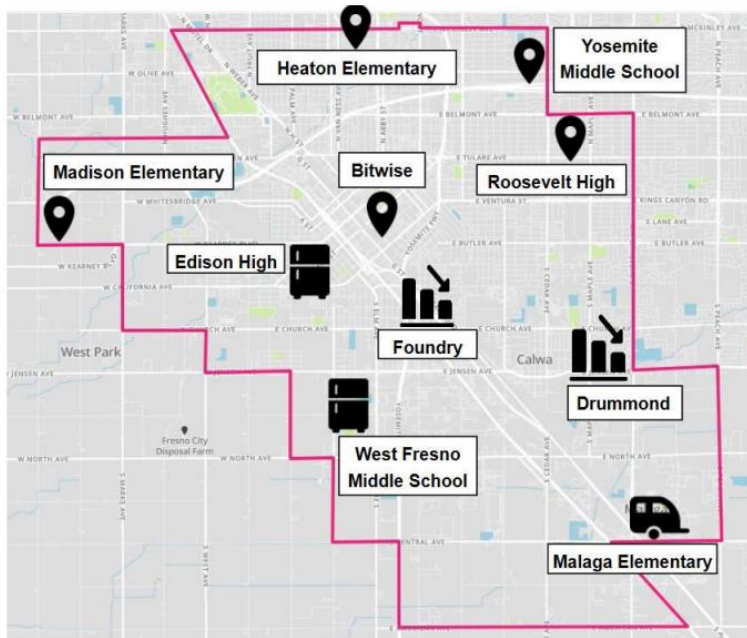
In prioritizing measures for implementation, the CSC was eager to move forward on the truck rerouting commitment. As such, the District formed a truck rerouting subcommittee, which is comprised of interested CSC members and provides support to the City of Fresno as they fulfill their CERP commitment to study existing and future planned routes within the South Central Fresno boundary and determine whether potential alternative routes would support the goals of the AB 617 program to reduce community exposure to air pollution from local sources. Throughout this year, the City of Fresno Department of Public Works staff worked with the CSC to review and post an RFP soliciting contractors to complete the truck-route portion of the study. Interested CSC members were invited to sit on an interview panel, recommend a contractor, review and support the proposed scope of work, and ultimately move the project forward. CSC members were also interested in partnering with a local research university, UC Merced, to conduct a health-based assessment of the truck reroute study. Throughout the project, the City of Fresno staff have provided project management services and lead technical and community working groups to discuss the scope and progress of the study.

COMMUNITY AIR MONITORING IMPLEMENTATION VALLEYWIDE

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

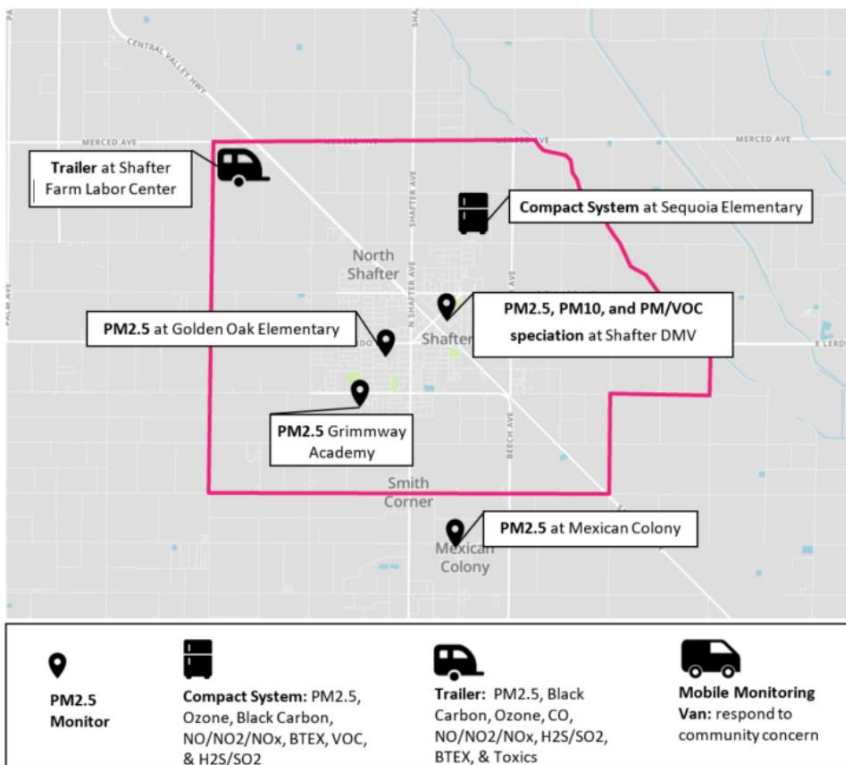
Throughout the past three years, the District continued to engage the CSC to provide updates to the community regarding air quality data and solicit further recommendations for new monitoring sites if deployment issues arise. Consistent with the community recommended CAMP design, air monitoring systems have been fully implemented in all locations describe in the following figures.

Air Monitoring Locations in South Central Fresno

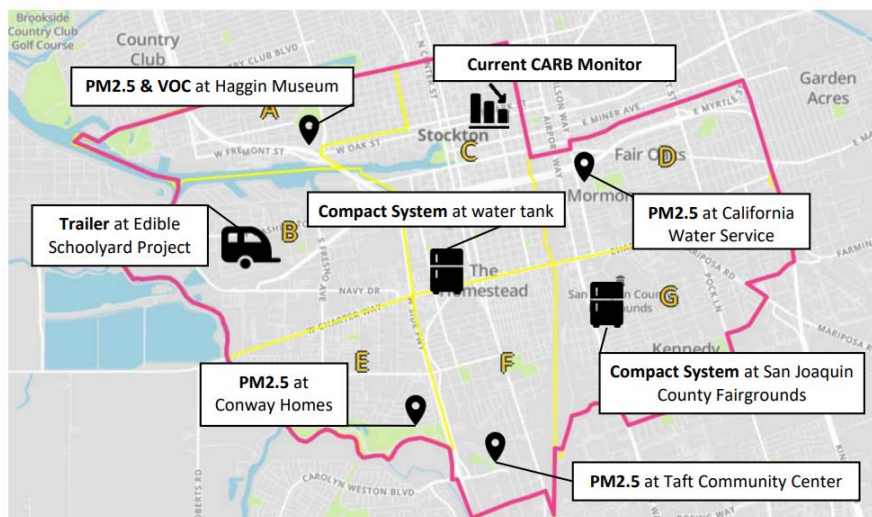


	
PM2.5 Monitor	Compact System: PM2.5, Black Carbon, Ozone, BTEX, NOx, & VOC, CO (Edison), SO2 (West Fresno)
	
Regulatory Air Monitor: Foundry (PM2.5), Drummond (Ozone, NO2, PM10)	Trailer: PM2.5, Black Carbon, Ozone, CO, NO2/NO, H2S/SO2, BTEX & Toxics
	
Mobile Monitoring Van: respond to community concern	

Air Monitoring Locations in Shafter



Air Monitoring Locations in Stockton



 Mobile Monitoring Van: respond to community concern	 Compact System: PM2.5, Black Carbon, SO2 NO2/NO, & VOC
 Trailer: PM-2.5, Black Carbon, Ozone, CO, NO2/NO, H2S/SO2, VOC, & Toxics	 CARB Monitor: PM2.5, PM10, Ozone, NO2/NO, CO, & Toxics
 PM2.5 Monitor	

Air Monitoring Locations in Arvin/Lamont



 PM2.5 Monitor
 Compact System: PM2.5, Black Carbon, SO2 NO2/NO, & VOC
 Trailer: PM2.5, Black Carbon, Ozone, CO, NO2/NO, H2S/SO2, VOC, & Toxics
 Mobile Monitoring Van: respond to community concern

Community Air Monitoring to Date

The District and CSC members have spent considerable efforts to fully implement and deploy the community air monitoring equipment as part of the CAMP and providing that data in real-time online and providing regular updates. Real-time information, including the interactive maps like in the figure below, can be found at:

Fresno:

<http://community.valleyair.org/selected-communities/south-central-fresno/community-air-monitoring/>

Shafter:

<http://community.valleyair.org/selected-communities/shafter/community-air-monitoring/>

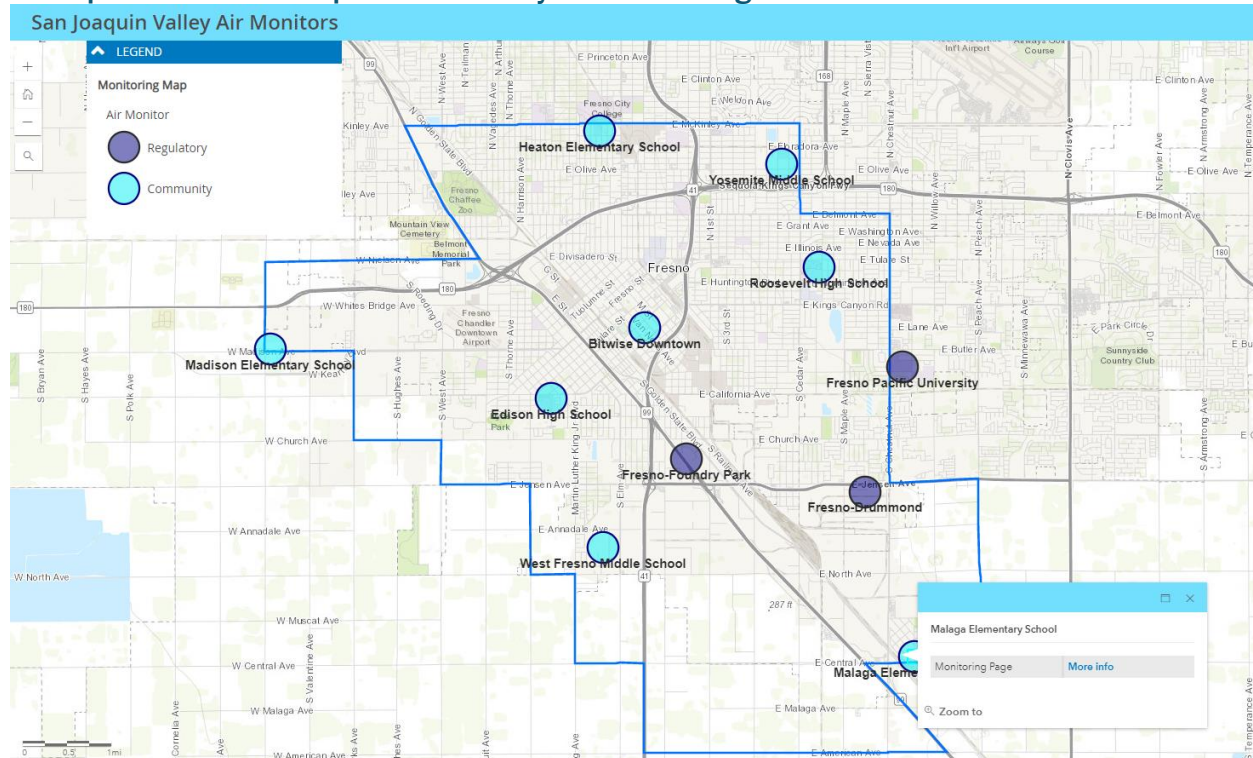
Stockton

<https://community.valleyair.org/selected-communities/stockton/community-air-monitoring/>

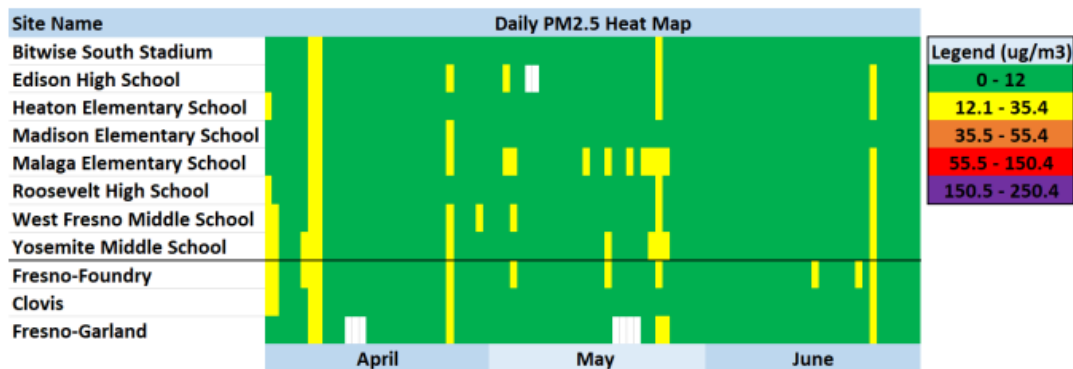
Arvin/Lamont

<https://community.valleyair.org/selected-communities/arvin-lamont/community-air-monitoring/>

Example Interactive Map of Community Air Monitoring in South Central Fresno



Example Analysis of 2022 Community Air Monitoring Data in South Central Fresno



CAMP implementation has included researching, developing, configuring, deploying, trouble-shooting, and maintaining new state-of-the-art high precision air monitoring equipment. This also includes the use of the mobile air monitoring van to take measurements in a variety of locations of interest and to respond to community

concerns. The van has been used to collect air quality data from sources identified by CSC members, see picture below.

Special Project and Analysis

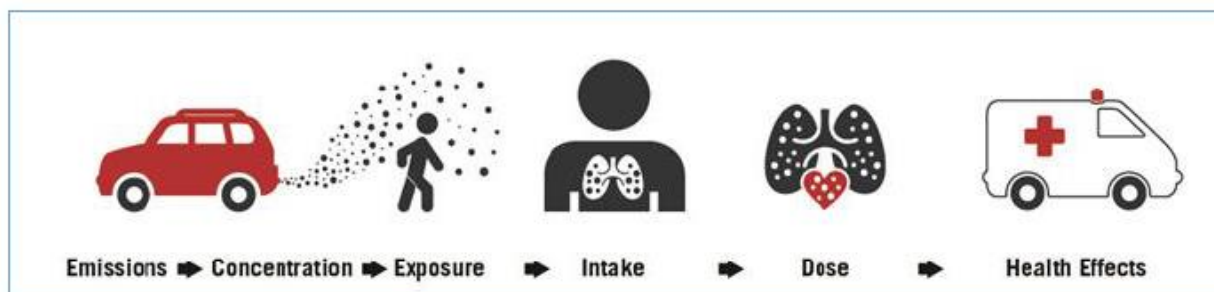
The District has also contracted with analytical laboratories to conduct the needed analysis to speciate the VOC and PM2.5 samples being taken in the community. In addition, the District has worked closely with organizations to negotiate leases to authorize the deployment of the equipment on site, followed by logistical, electrical, and site preparation work for the installation of the air monitoring equipment.

Additionally, the District monitoring team has responded to community concerns throughout the boundary by deploying specialized monitoring equipment to capture and understand unusual readings from PM2.5 monitors. For example, on March 11, 2022, VOC and PM2.5 speciation air monitoring efforts were shifted to the air monitoring trailer at Edison High School based on community and District analysis of high PM2.5 readings throughout the winter season. The collected samples were sent to a third-party laboratory for analysis to determine the contribution of various species of PM2.5, as well as the various species of VOCs in the air sampled in the community. Results showed no significant species difference compared to other areas of the community, but the District will continue to collect samples for laboratory analysis at Edison High School through the 2022-23 winter season to try and capture any wintertime effects that may have caused the highest readings.

The District has been providing detailed, regular air monitoring updates to the South Central Fresno CSC. 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 South Central Fresno are all posted on the community webpage:

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 South Central Fresno 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.

Tracking Recent Research Efforts

Several recent community-facing public health impact studies have focused their efforts on AB 617, with a focus on tracking public health outcomes of emissions and exposure reduction measures like those in the Valley-based CERP. As the community members engage and collaborate with researchers on these studies, the District is committed to tracking, updating, and including the CSC and broader community on study methodologies and outcomes. The below list of recent research efforts in the communities that will continue to help drive the conversation between the CSC and agencies about the effectiveness of these CERP and CAMP efforts.

Study	Description	Collaborators	Location(s)	Anticipated Completion
Participatory Assessment of Health Equity Impacts Through the Implementation of the Community Air Monitoring and Management	Track and assess the environmental and health impacts of the CERP implementation process in AB 617 communities, to inform strategies that improve the well-being of the most disadvantaged communities in California	Nayamin Martinez (CCEJN), UC Merced, UC Davis	-Fresno -Shafter	Completed Fall 2023
Stockton Air Pollution Exposure Project (SAPEP)	-Collect and assess bio samples from children for indicators of air pollution exposure -Evaluate effect indoor air filtration has on markers in samples	UC Berkeley, UC Merced, UCSF, Little Manila Rising, All Saints Academy, OEHHA, Biomonitoring California	-Stockton	Completed Fall 2022
San Joaquin Valley Pollution and Health Environmental Research (SPHERE)	-Address knowledge gaps in environmental exposure -Examine determinants of exposure -Evaluate potential human health risks in relation to exposures -Support actionable steps to improve air quality	UC Berkeley, UC Merced, UCSF, Little Manila Rising, Central California Asthma Collaborative (CCAC), CARB, OEHHA, CDPH	-Stockton -Fresno -potentially others	Spring 2024
San Joaquin Valley Center for Community Air Assessment and Injustice Reduction (SJV CC-AIR)	-Launch a mobile air quality laboratory and health assessment clinic -Deploy community air quality monitoring 125 new PurpleAir sensors -Establish a permanent community-university air quality research and clinical center at UC Merced	UC Merced, Little Manila Rising, Fresno County DPH	-Stockton -Fresno	2025
Filtration for Respiratory Exposure to wildfire Smoke from Swamp Cooler Air (FRESSCA)	Reduce wildfire smoke exposures and health risks among agricultural workers and other low-income families by designing and field testing an affordable and effective filtration system for rooftop evaporative coolers	UCSF, PHI, CDPH, Central California Environmental Justice Network (CCEJN)	-SJ Valley -Fresno	Fall 2024

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APPENDIX A: SHAFTER COMMUNITY STEERING COMMITTEE

Agendas and Support Materials from AB 617 Steering Committee Meetings

Agenda for Shafter Community Steering Committee Meeting #57

Monday, September 11, 2023 – 5:00 pm – 7:00 pm

Zoom Meeting: <https://us02web.zoom.us/j/88430355867?pwd=amlpai9BRzRkdVJCd0d1V1RyRjh2QT09>
Meeting ID: 884 3035 5867 Passcode: 617 Teleconference Dial In: (888) 788-0099 US (Toll-free)

- Public comment opportunity at end of each agenda item

5:00 p.m. Welcome/Introductions (10 minutes)

Stephanie Ng, Program Manager of Community Strategies & Resources, Valley Air District

5:10 p.m. Department of Pesticide Regulation (DPR) Update (20 minutes)

DPR will provide an update on statewide pesticide notification system progress.

Department of Pesticide Regulation

5:30 p.m. CERP Measure Implementation Updates (55 minutes)

District staff will provide updates on CERP measure progress, including the [Heavy-Duty Truck Replacement measure](#).

- We are looking for support to submit a truck project plan to CARB, which would add a new pathway to the existing measure to purchase zero-emission trucks

Valley Air District Staff

6:25 p.m. Standing Updates (20 minutes)

CARB

Caltrans

Other Agency Updates

6:45 p.m. [Review Action Items Tracker](#) (5 minutes)

Review, discuss and solicit feedback on complete and pending action items from last meeting, including action items from agenda-setting meetings.

Valley Air District Staff

6:50 p.m. Wrap Up/Next Steps/Agenda Setting (5 minutes)

Next Agenda-Setting Meeting: Monday, September 18 @ 4 p.m. via zoom

Next Meeting: Monday, October 9 @ 5 p.m.

6:55 p.m. Public Comment (5 minutes)

Learn more: community.valleyair.org

To request special accommodations for those persons with disabilities or to request interpreting services in a language other than Spanish, please email AB617@valleyair.org or call the AB 617 team at (559) 230-6000 at least 3 business days prior to the meeting date.

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APPENDIX B: SOUTH CENTRAL FRESNO COMMUNITY STEERING COMMITTEE

Agendas and Support Materials from AB 617 Steering Committee Meetings



South Central Fresno Agenda for Community Steering Committee Meeting #60

Wednesday, November 8, 2023 5:30 pm – 7:30 pm

Zoom Meeting: <https://us02web.zoom.us/j/81056940437?pwd=N2p2WnY1anYyTkMzVldYeJBFTHBNdz09>

Meeting ID: 810 5694 0437 Passcode: 617 Teleconference Dial In: **888 788 0099 US** (Toll-free)

- Meeting facilitation provided by Harder + Company Community Research
- Public comment opportunity at end of each agenda item
- To request special accommodations for those persons with disabilities, or to request interpreting services in a language other than Spanish, please email AB617@valleyair.org or call the AB 617 team at (559) 230-6000 at least 3 business days prior to the meeting date.

5:30 p.m. Welcome/Introductions (10 mins)

Ryan Hayashi, Deputy Air Pollution Control Officer, Valley Air District

5:40 p.m. Action Item Tracker Follow Up (5 mins)

Review of progress on [action items](#) from previous meetings

Valley Air District

5:45 p.m. End-of-the-Year Implementation Review and Planning for 2024 (50 mins)

District staff will present high-level CERP implementation progress and discuss priorities for 2024.

Valley Air District

6:35 p.m. Annual Progress Report Update (15 mins)

Review draft and continue to solicit CSC feedback on South Central Fresno AB 617 Annual Progress Report.

Valley Air District

6:50 p.m. Standing Updates (20 mins)

Truck Reroute Subcommittee

District

CARB

Other General Updates

7:10 p.m. Next Steps and Agenda Setting (10 mins)

Recent CSC members' additional agenda topic suggestions include: air monitoring update, stationary source discussion, continued budget updates, & area source discussion

Next Agenda-Setting Meeting: TBD (*To discuss with CSC*)

Next Meeting: Wednesday, January 10 @ 5:30 pm

7:20 p.m. Final Public Comment (5 mins)

Learn more: community.valleyair.org

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APPENDIX C: STOCKTON COMMUNITY STEERING COMMITTEE

Agendas and Support Materials from AB 617 Steering Committee Meetings



Agenda for Stockton Community Steering Committee Meeting #44

Wednesday, August 2, 2023 – 5:00 pm - 7:00 pm

Public Participation: Join via *YouTube Live* - www.youtube.com/healthyairliving

Comments and questions posted on Facebook or submitted to ab617@valleyair.org during the meeting will be addressed during the meeting's public comment period.

Meeting facilitation provided by Harder + Company Community Research

- 5:00 p.m. Welcome, Introductions (10 mins)**
Stephanie Ng, Program Manager of Community Strategies & Resources, Valley Air District
- 5:10 p.m. Review [Action Items Tracker](#) (5 mins)**
Review, discuss, and solicit feedback on complete and pending action items from last meeting
Valley Air District Staff
- 5:15 p.m. [Looking for Consensus] CERP Implementation Updates (30 mins)**
Discuss recent CERP implementation progress and review status of several CERP measures, including bike paths and heavy-duty truck replacement
- We are looking for support to submit a truck project plan to CARB, which would add a new pathway to the existing [Truck Replacement CERP measure](#) to purchase zero-emission trucks
- Valley Air District Staff*
- 5:45 p.m. Enforcement Updates (15 mins)**
Updates on enforcement-related CERP measures, including review of quarterly enforcement report
Valley Air District Staff
- 6:00 p.m. CSC Meeting Planning (40 mins)**
Coordinate meeting topics for 2023 CSC meetings and update on subcommittees and agenda-setting meetings
Harder+Co Facilitation Team
- 6:40 p.m. Standing Updates (10 mins)**
Space is reserved on each agenda for regular updates from various subcommittees and agencies
[Subcommittees Updates](#)
CARB
Port of Stockton
Other general updates
- 6:50 p.m. Wrap Up/Next Steps (5 mins)**
Next Agenda-Setting Meeting: Thursday, August 10, 2023 @ 3pm, via Zoom
Next Meeting: Wednesday, September 6, 2023 @ 5pm, via Zoom
- 6:55 p.m. Public Comment (5 mins)**

To request special accommodations for those persons with disabilities, or to request interpreting services in a language other than American Sign Language, please email AB617@valleyair.org or call the AB 617 team at (559) 230-6000 at least 3 business days prior to the meeting date.

Learn more: community.valleyair.org

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APPENDIX D: ARVIN/LAMONT COMMUNITY STEERING COMMITTEE

Agendas and Support Materials from AB 617 Steering Committee Meetings



Agenda for Arvin/Lamont Area Community Steering Committee Meeting #37

Wednesday, February 28, 2024 5:00 – 7:00 pm via Zoom

<https://us02web.zoom.us/j/85932417190?pwd=K3J4RTlsSEZ4TDVTVUjlGS1daMmQ4Zz09>

Meeting ID: 859 3241 7190 Passcode: 617

Teleconference Dial In: 888 788 0099 US (Toll-free)

- 4:45 p.m. Pre-Meeting Log-in**
- 5:00 p.m. Meeting Officially Begins: Welcome/Introductions (10 min)**
Jessica Olsen, Director of Community Strategies and Resources, Valley Air District
Byanka Santoyo and Cesar Aguirre, Community Co-Leads
- 5:10 p.m. [Review Action Items Tracker](#) (10 min)**
Review, discuss and solicit feedback on complete and pending action items from last meeting.
- 5:20 p.m. Community Air Monitoring Update (40 min)**
Update on the collection and analysis of air monitoring data and progress of community air monitoring network implementation
Valley Air District
- 6:00 p.m. How to File a Complaint (25 min)**
Step-by-step tutorial of how to submit an air pollution complaint (presented in Spanish)
Valley Air District
- 6:25 p.m. Standing Updates (20 min)**
Reserved for updates from subcommittees, CSC members, and agency partners
Valley Air District – CERP updates
California Air Resources Board (CARB)
Department of Pesticide Regulation (DPR)
Kern Energy
Other Agency Updates
- 6:45 p.m. Wrap Up and Upcoming Agenda Topics (10 min)**
Agenda-Setting Meeting: March 7, 2024 @ 4pm-5pm via Zoom
Pesticide Subcommittee Meeting: March 26, 2024 @ 4pm-5:30pm via Zoom
Next CSC Meeting: March 27, 2024 @ 5pm-7pm via Zoom
- 6:55 p.m. Public Comment (5 min)**

Learn more: community.valleyair.org

To request special accommodations for those persons with disabilities or to request interpreting services in a language other than Spanish, please email AB617@valleyair.org or call the AB 617 team at (559) 230-6000 at least 3 business days prior to the meeting date.

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APPENDIX E: ADDITIONAL OUTREACH MATERIALS

Hey Southwest Stockton*

Reduce air pollution and save money!
Update your fireplace with a cleaner device

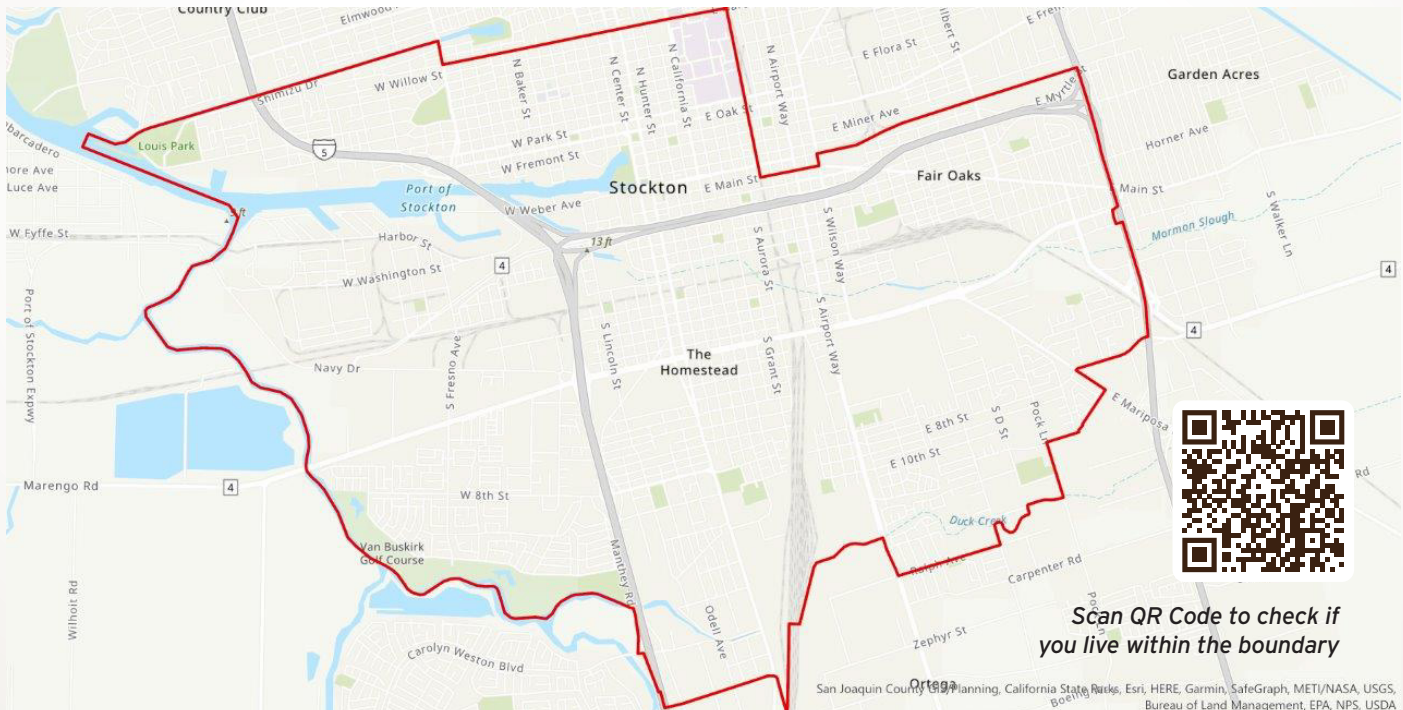


SAVE UP TO \$3,000
ON A **NATURAL GAS INSERT**
- OR - FREESTANDING STOVE



PROGRAM STEPS

- 1** Visit valleyair.org/burncleaner to complete your voucher application online and submit photos of your existing fireplace. Need help with the application? Give us a call 559-230-5800
- 2** Once you receive your Approved Voucher, present it at one of the participating retailers to receive up to \$3,000 off.
- 3** Retailer will schedule installation of your new device!



Scan QR Code to check if
you live within the boundary

*\$3000 incentive level only for Southwest Stockton residents living within the above boundary

QUESTIONS?

grants@valleyair.org | 559.230.5800

Interested in Electric Heat Pumps? Give us a call. Up to \$4,000 is available for electric heat pump vouchers.

¡Hola Suroeste de Stockton*

¡Reduzca la contaminación del aire y ahorre dinero!
Modifique su chimenea con un aparato más limpio



AHORRE HASTA \$3,000

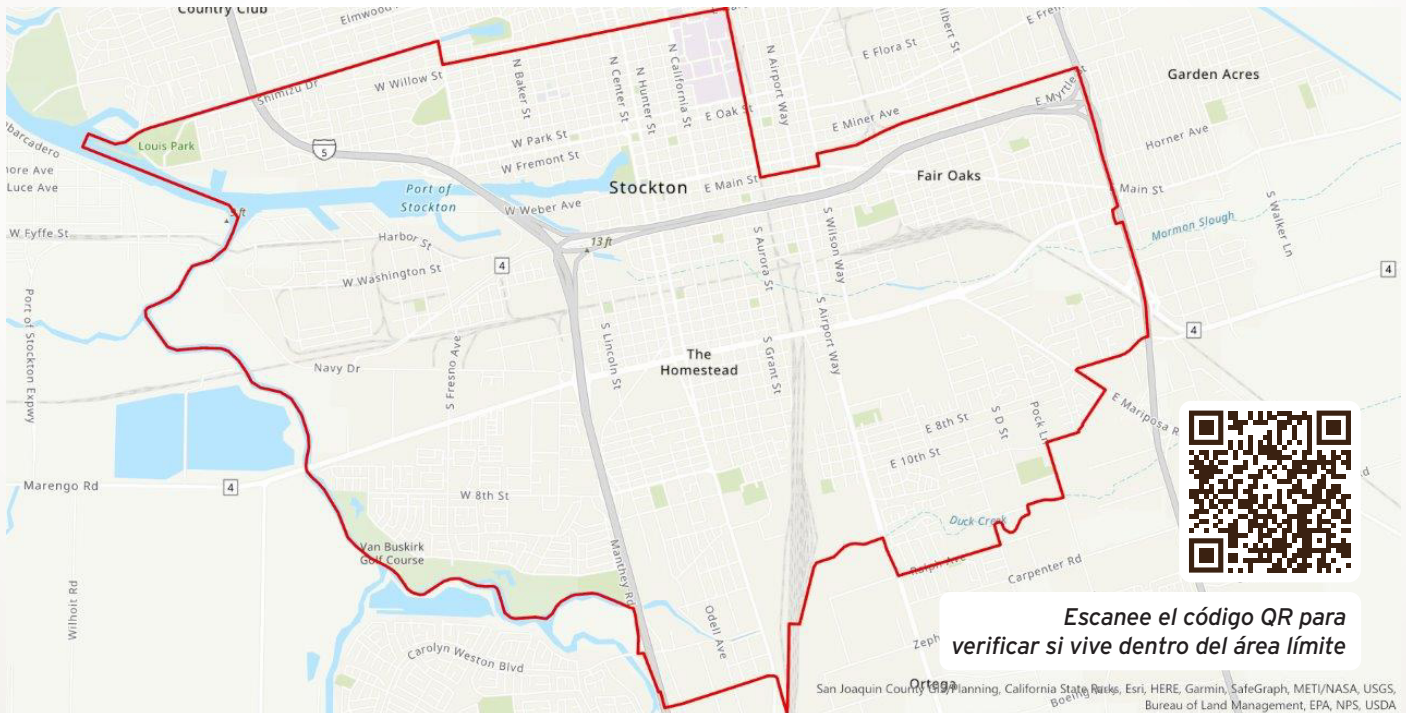
EN UN INSERTO DE GAS NATURAL - O - CHIMENEA INDEPENDIENTE



San Joaquin Valley
AIR POLLUTION CONTROL DISTRICT

PASOS DEL PROGRAMA

- 1 Visite valleyair.org/burncleaner para completar su Solicitud de Vale por internet y envíe fotos de su chimenea existente.
¿Necesita ayuda con su solicitud? Llámenos al 559-230-5800, hablamos español
- 2 Una vez que reciba su Vale Aprobado, preséntelo en uno de los concesionarios participantes para recibir hasta \$3,000 de descuento.
- 3 ¡El concesionario hará la instalación de su nuevo aparato!



Escanee el código QR para
verificar si vive dentro del área límite

*Incentivo de \$3000 solo para los residentes del Suroeste de Stockton que viven dentro de los límites del mapa de arriba

¿PREGUNTAS? grants@valleyair.org | 559.230.5800

¿Interesado en bombas de calor eléctricas?

Llámenos. Hasta \$4,000 están disponibles para vales de bombas de calor eléctricas.

\$Reembolsos\$ para EQUIPO DE JARDINERÍA!



ATENCIÓN RESIDENTES DE ARVIN/LAMONT*

Reemplaze su cortacésped
de gasolina por un nuevo

CORTACÉSPED ELÉCTRICO

— y reciba un —
REEMBOLSO de 100%

La opción de reemplazo cubre hasta \$500

**O Compre EQUIPO DE
JARDINERÍA ELÉCTRICO**
(Cortacésped, Orilladora,
Cortasetos, Motosierra
o Sierra de Poste)

— y **AHORRE HASTA —**
\$50 por cada pieza

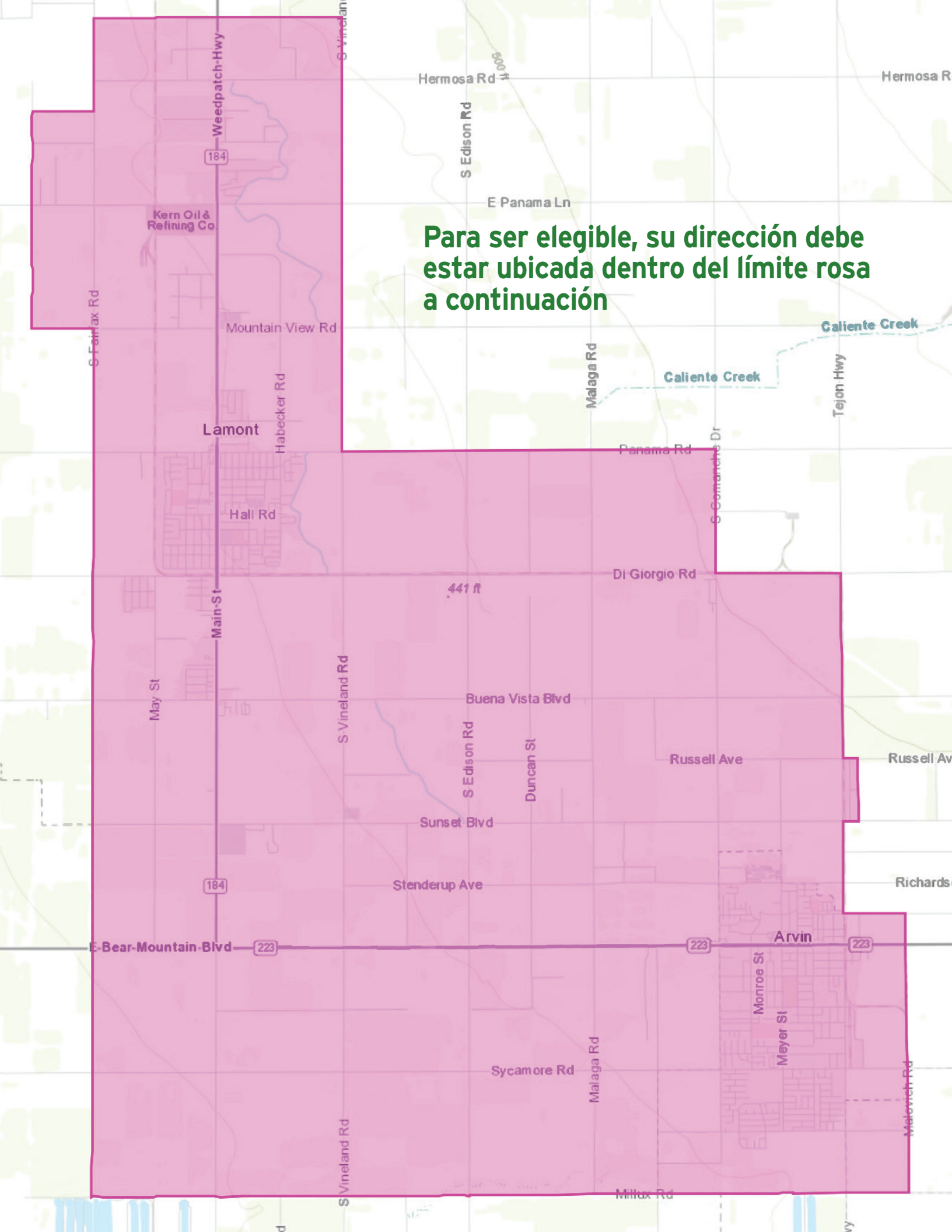
*Para ver si su dirección
pertenece a una comunidad AB 617, visite
community.valleyair.org/checkarvinlamont



PROCESO DE REEMBOLSO

- 1** Compre equipo eléctrico nuevo y elegible
- 2** Recicle su cortacésped de gas actual en una dismanteladora participante y reciba una Verificación de Destrucción (para la opción 1)
- 3** Complete la solicitud en línea en www.valleyair.org/CGYMResidential (suba su recibo y verificación)
- 4** El Distrito emite un reembolso según la opción elegida y el tipo de equipo

Para ser elegible, su dirección debe estar ubicada dentro del límite rosa a continuación



\$Rebates\$ for LAWN EQUIPMENT!



ATTENTION ARVIN/LAMONT RESIDENTS*

Replace your old gas
mower with a new
**ELECTRIC
LAWNMOWER**
— and receive a —
100% REBATE

(Replacement option covers up to \$500)

OR Buy new **ELECTRIC
LAWN EQUIPMENT**
(Mower, Edger, Trimmer
Chainsaw or Polesaw)
— and **SAVE** —
UP TO \$50 for each piece

*To see if your address is
in an AB 617 Community, visit

community.valleyair.org/checkarvinlamont



REBATE PROCESS

- 1** Purchase new, eligible electric equipment
- 2** Recycle your current gas mower at a participating dismantler and receive a Destruction Verification Form (for option 1)
- 3** Complete online application at www.valleyair.org/CGYMResidential (upload receipt and dismantler form)
- 4** District issues rebate depending on option chosen and equipment type

To be eligible, your address must be located within the pink boundary below

