



Funded SEPs to Date

Monday, June 10, 2019

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SEP Name	SEP Recipient	Funded to date	Pollutan	Location	Summary
Asthma Impact Model Kern	Central California Asthma Collaborative	\$113,480.00	Black Carbon, PM	Kern County	This SEP aims to improve the lives of asthma sufferers by helping them identify asthma triggers and providing medical care to individuals who have little or no access to quality health care.
Air Filtration and Monitoring in Barrio Logan	Barrio Logan College Institute	\$55,634.00	Black Carbon, PM	Barrio Logan	Barrio Logan College Institute (BLCI) will install air filtration systems in 25 homes of individuals that suffer from respiratory illnesses, or are in close proximity to high emission sources. The project will also install indoor and outdoor air monitors to monitor the effectiveness of the systems. The project will also implement the use of handheld monitors as tools for community engagement and education.
Community Weather Station	Coalition for a Safe Environment	\$7,500.00	PM	Wilmington	The Coalition for a Safe Environment (CFASE) proposes to utilize an ultrasonic AIO 2 Weather Station Kit to measure local weather patterns in the city of Wilmington. The data collected would be used to study the effects weather patterns pose on air pollution.
Fresno Trees	Tree Fresno	\$298,750.00	GHG, PM	Fresno County	This project will strategically place green barriers downwind of major sources of pollution, and use air monitors to evaluate how effective green barriers are at protecting people from exposure to air pollution. It also aims to reduce greenhouse gases by sequestering carbon. Lessons learned from this study can help influence the selection of vegetation used for green barriers, and the placement of vegetation for future projects.

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Ground Truthing	California Safe Schools	\$25,000.00	PM, TACs, VOCs	Los Angeles County	CSS uses a "Ground Truthing" approach to collect information on these sites that have a potential to emit toxic air contaminants. Community members will place air monitoring sensors throughout the city to locate, and map facilities that could be potentially hazardous. Once hazardous sites have been identified, California Safe Schools would relay the data to ARB and the SCAQMD for follow-up action. CSS uses a "Ground Truthing" approach to collect information on these sites that have a potential to emit toxic air contaminants. Community members will place air monitoring sensors throughout the city to locate, and map facilities that could be potentially hazardous. Once hazardous sites have been identified, California Safe Schools would relay the data to ARB and the SCAQMD for follow-up action. CSS uses a "Ground Truthing" approach to collect information on these sites that have a potential to emit toxic air contaminants. Community members will place air monitoring sensors throughout the city to locate, and map facilities that could be potentially hazardous. Once hazardous sites have been identified, California Safe Schools would relay the data to ARB and the SCAQMD for follow-up action. CSS uses a "Ground Truthing" approach to collect information on these sites that have a potential to emit toxic air contaminants. Community members will place air monitoring sensors throughout the city to locate, and map facilities that could be potentially hazardous. Once hazardous sites have been identified, California Safe Schools would relay the data to ARB and the SCAQMD for follow-up action. CSS uses a "Ground Truthing" approach to collect information on these sites that have a potential to emit toxic air contaminants. Community members will place air monitoring sensors throughout the city to locate, and map facilities that could be potentially hazardous. Once hazardous sites have been identified, California Safe Schools would relay the data to ARB and the SCAQMD for follow-up action. CSS uses a "Ground Truthing" approach to collect information on these sites that have a potential to emit toxic air contaminants. Community members will place air monitoring sensors throughout the city to locate, and map facilities that could be potentially hazardous. Once hazardous sites have been identified, California Safe Schools would relay the data to ARB and the SCAQMD for follow-up action.

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		\$25,000.00		Los Angeles County	toxic air contaminants. Community members will place air monitoring sensors throughout the city to locate, and map facilities that could be potentially hazardous. Once hazardous sites have been identified, California Safe Schools would relay the data to ARB and the SCAQMD for follow-up action.
Healthy Air Neighborhoods - Fresno	Central California Asthma Collaborative	\$35,000.00	PM	Fresno County	The Central California Asthma Collaborative (“CCAC”) will utilize funds to deliver outreach material to community members in regards to the San Joaquin Valley Air District’s Residential Wood Burning Rule. CCAC will also take the opportunity to deliver information on other clean air incentive programs available to community members most impacted by toxic air contaminants.
Healthy Air Neighborhoods - Porterville	Central California Asthma Collaborative	\$30,000.00	PM	Porterville	The Central California Asthma Collaborative (“CCAC”) will utilize funds to deliver outreach material to community members in regards to the San Joaquin Valley Air District’s Residential Wood Burning Rule. CCAC will also take the opportunity to deliver information on other clean air incentive programs available to community members most impacted by toxic air contaminants.
Increasing Services to Children with Asthma	BreathMobile	\$546,940.30	PM, GHG	Alameda County	This project would use SEP Funds to increase services provided by the BreathMobile. The BreathMobile is a mobile clinic with the capability to perform pulmonary function studies, provide medical services, and asthma education services to local school children.
Marine Vessel Speed Reduction Incentive Program-350K	Ventura County Air Pollution Control District	\$350,000.00	NOx, PM	Ventura and Santa Barbara Counties	This SEP will establish the Vessel Speed Reduction (VSR) Program. The VSR Program is an incentive program to encourage ocean going vessels traveling through Ventura and Santa Barbara Counties to reduce their speed, thus lowering emission levels and reducing the risk of fatal ship strikes to wildlife in the area.

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PM Sensor Network	Manylabs	\$52,500.00	PM	Bayview Hunters Point	The project would install approximately 30 air monitoring sensors to measure particulate matter, wind speed, temperature, and relative humidity. The air quality data gathered from the sensor network would then be available to community members via an online platform.
Respiratory Education and Referral System	El Sol Neighborhood Educational Center	\$299,472.00	Black Carbon, PM	South Coast District	The El Sol Neighborhood Educational Center will work with Loma Linda University to demonstrate good respiratory health practices to 15,000 community members, screen 1,000 children for respiratory illnesses, and refer community members to local physicians for health care services.
Rexland Facility	Kern County General Services	\$50,000.00	CO2, GHG	Kern County	The Parks Department proposes to develop an indoor/outdoor soccer field. The project would divert trips from more distant facilities, and would be the only free facility in the community. The project is estimated to reduce VMT by 750,000 miles per year, and generate 347 tons of CO2 reductions per year.
VAPHER Conference	Central California Asthma Collaborative	\$47,688.00	NOx, PM	Central Valley	The Central California Asthma Collaborative will host a four-day Valley Air Pollution, Health, and Education Research (VAPHER) conference to bring federal, state, and local experts on air pollution health effects together to review their work and bring attention to the problems faced by the Central Valley.
Placer County Community Based SEP Program	Placer County Air Pollution Control District	\$433,125.00	Black Carbon, PM	Placer County	This SEP will install, and maintain high-performance air filtration systems in schools within communities most impacted by toxic air contaminants within the Placer County air district.
ID of Diesel Hotspots in LAUSD and Posting No Idling Signs	California Safe Schools	\$36,520.00	PM	Los Angeles	The project would use a "Groundtruthing" approach to identify and map facilities within LAUSD boundaries that may pose a threat due to high diesel emissions. The project proposes to work with the City of Los Angeles and Department of Transportation to post "No-Idling" signs. The information gathered would be shared with regulatory officials.

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San Ysidro Community Air Monitor Network	Casa Familiar	\$150,505.00	CO2, GHG, NOx, PM	San Ysidro	The project would use SEP Funds to sustain an existing, 12 air monitor network, along the U.S. - Mexico border. The air monitors measure for P.M. 2.5, CO, NO, NO2, and O3 and relay real-time data to community members via an online platform. Casa Familiar would partner with the University of Washington, and San Diego State for equipment and technical guidance to help them interpret the air quality impacts from vehicular border crossings, and identify areas of San Ysidro impacted by air pollution. This would provide a forum for more community engagement in the development of public policy.
EcoSystems Exhibition Wing - Teen Program 55k	California Science Center Foundation	\$55,000.00	CO2, GHG	Los Angeles	The Community Teen Program is a paid internship program in which local community youth integrate science education with paid work experience and college readiness instruction, to help spread the knowledge of life sciences and current research projects.
Installation of Air Filtration Systems in Sensitive Receptor Facilities in Bay Area CARE Communities	BAAQMD	\$2,000,000.00	Black Carbon, PM, VOCs	Bay Area	BAAQMD proposes to install and maintain high-performance air filtration systems in sensitive receptor facilities (such as schools, community centers, senior residences, hospitals and similar) located in communities impacted by air pollution, especially Environmental Justice and/or Disadvantaged Communities disproportionately impacted by air pollution. BAAQMD proposes to partner with IQAir for installation of the air filtration systems and monitoring evaluation, and will work with the local community and school district on the mitigating impacts of air filtration.

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Kids Making Sense (KMS) Youth Education, Southern California	Coalition for Clean Air	\$68,750.00	Black Carbon, PM	Southern California	Kids Making Sense (KMS) is a youth education program for schools located in disadvantaged areas (areas with a CalEnviroScreen score of 80% or higher) throughout California. KMS teaches students in grades 6-12 about monitoring and improving air quality in their communities. This program will benefit students and residents by educating them about local air quality issues and by empowering them to develop and implement actions to improve local air quality and/or their exposure to sources of air pollution. The proposed schools are located in the following cities Brawley (1), Rosemead (2), San Pedro (1), Whittier (1). Each of the schools listed is ranked at CalEnviroScreen v.3.0's 81-90% level, which is the second highest level. This ranking indicates that these schools are located in some of the most impacted EJ areas in California. The cost per school is \$29,900.00