

AB 617 Implementation Funds Annual Report

I.	Report Number:	AB617 Report 1, Final (JM)
	Title:	ICAPCD Annual Report AB617
	Reporting Period:	2022
	Name of Grantee:	Imperial County APCD
	Grant Number:	G20-CAP-12
	Date of Submission:	March 23, 2023

II.	Costs associated with specific tasks: <i>(for example: identifying location for monitoring, deploying community air monitoring systems, fence- line monitoring, reporting emissions, developing a community emissions reduction program, establishing best available retrofit control technology requirements, adopting an expedited schedule for the implementation of best available retrofit control technology, community meetings or other Community Air Protection implementation efforts and outreach). Information for outreach events must include the date, location, topics, and number of attendees, for each event.)</i>
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Costs associated with this grant period include the installation and maintenance of continued community monitoring in the Imperial County Corridor of El Centro, Heber, and Calexico. Due to the continued pandemic, all meetings were through Zoom and Facebook live.

As part of the commitment to community engagement and outreach, ICAPCD staff operates a website dedicated to AB 617 activity in Imperial County. The site offers background information on AB 617 and has pages for information on the Steering Committee members, meetings and events (including notes and recordings from past meetings), contact information, and links to important resources such as the CARB home page and websites for local air monitoring networks. Harder and Company continue being the Facilitators. The AB617 meeting always have translation services to meet the needs the community. OGMA translation services is the agency who provides these services at all meetings.

In addition, as part of CERP development, Various strategies were identified during development of the CERP through Community engagement. Strategies were included in the final CERP were as follows: Urban Greening, Paving Projects, the Enhanced Flag Program, Electric School buses and Tier I and Tier II Projects. The Request for Proposals for the 2 projects: Urban Greening Projects and Paving Projects and proposals were due on June 2021. Implementation of these two project types began once the applications were reviewed, selected, and approved by the AB617 CSC.

III.	How is grant being utilized to meet goals of AB 617: <i>(If applicable, include emissions reductions being achieved)</i>
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- Maximizing progress on reducing exposure to toxic air contaminants that contribute to cumulative exposure burdens within selected communities; and
- Reducing exposure caused by localized particulate matter less than 2.5 microns in aerodynamic diameter (PM_{2.5}) sources to achieve healthful levels of PM_{2.5} within the community.

Urban Greening

The main benefit of Urban Greening projects is greenhouse gas (GHG) reductions. Urban Greening can also reduce exposure to certain criteria air pollutants (CAPs). Exposure to particulate matter (PM) and oxides of nitrogen (NOx) is expected to decrease as a result of Urban Greening. Additionally, some Urban Greening projects can help reduce water and electricity usage.

Exposure reduction will be estimated for each project based on the number of sensitive receptors within 1,000 feet of the Urban Greening project site. Urban Greening will result in a reduction in CAP emissions.

Exposure to PM, NOx, ROG, and ozone, which is formed via chemical reactions between NOx and ROG, can cause a variety of human health problems, particularly to the lungs and respiratory tract.

Sensitive receptors, such as people with pre-existing conditions, children, and older adults are most susceptible to CAP pollution exposure.

Paving Projects

Paving of unpaved roads, parking lots, and other unpaved areas will result in a reduction in PM emissions from vehicle travel and fugitive windblown dust emission. Sensitive receptors, such as people with heart or lung diseases, children, and older adults are most susceptible to PM pollution exposure. Estimates of exposure reduction will be comprised of the following metrics: 1) Number of visitors to the location that is served by the project, the number of sensitive receptors within 1,000 feet of the project boundary. Exposure reduction is estimated based on the number of individuals in these two categories. Paving will have qualitative benefits in addition to reducing particulate matter emissions. The reduction in emissions can improve the health and well-being of the Corridor while reducing strain on the local healthcare system. Additionally, if health impacts are avoided or mitigated, this can reduce the number of days of school and work lost to sick time, providing an economic benefit.

Paving will also keep the unpaved areas in good condition. Unpaved parking lots often cannot be used by people with special needs due to the poor condition of the surface. Less maintenance will be required for parking lots and roads as there will be fewer potholes and no need for gravel to be reapplied.

IV. Summary of work completed and in progress since the last progress report:

Work In Progress:

The ICAPCD, Comite Civico del Valle, and the AB 617 CSC has deployed all 15 community monitors. Dialog will continue with the implementation of the CAMP and the maintenance of the monitors.

4 paving projects were approved and 3 paving projects are completed.

7 urban greening projects were approved through CSC. All of those projects were completed.

17 Air Filtration projects are complete at 17 schools in the corridor.

V. Grant funds remaining and expended:

Attachment A

All funds have been expended in accordance with the grant requirements.

VI.	Expenditure summary showing all Community Air Protection Program Implementation Funds for which reimbursement is being requested:
See Attachment A.	

AB617 - Imperial County APCD Expenses

Expenses Carried Over	\$240,836
Specific Task Grant Cost Recovery	
	\$958,000
Community meetings and developing the community air monitoring plan (continued)	
Organized and hosted 12 community meetings, including the development of meeting materials for monthly steering committee meetings.	
With the steering committee inputs, review of the community steering committee, we continue to develop a list of air quality concerns and issues in the corridor.	
Developed a list of air quality concerns	
Research of potential monitoring options, including professional and low-cost sensor and monitoring platform for the enhanced community monitoring and New River monitoring.	
Compiled the criteria pollutant emissions inventory for permitted sources in the AB617 community and provided to the community.	
New River Monitoring Project implementation logistics - Continue	
Continued Efforts on Chapter 6 Project Plans for Urban Greening, Paving, and Flag Program.	
TAC implementation	
Tier I and Tier II implementation and logistics	
Includes Staff time and administration.	
Consultants	
Ramboll	\$220,000
Community Engagement, technical assessment, Development of emission reduction targets and metrics, evaluation and selection of reduction strategies, development of enforcement plan, report preparation, and CEQA Analysis. In addition to project plans - Chapter 6.	
Harder & CO.	\$186,000
Discussion Methods & Refine Proposed Strategies, Finalize Facilitation Strategies, Prepare for Meeting Facilitation, and Meeting Facilitation.	
Comite Civico Del Valle	\$ 200,000.00
Community Engagement and Community Outreach	
Troubleshooting and Maintenance of Existing and expanded Corridor	
Attended meetings, workshops, and participated in conference calls	

Attachment A

BARCT Implementation	\$ 32,000.00
Adopted an expedited schedule for the implementation of BARCT	
Continued preliminary development of BARCT rulemaking	
AB617 Services	\$ 26,245
OGMA Translation Services	
AB617 Stipends	11,700
Steering Committee Members and alternates who attend the meetings receive a stipend of \$75 per meeting.	
Other Expenses	\$ 86,000.00
Travel for AB617 necessities.	
Equipment/Supplies/materials/software	
Advertising	
Community Outreach	
Meeting Material/Venue/other needs	
Total Grant Funds Expended:	\$1,960,781.00