

AB 617 Implementation Funds Annual Report

I.	Report Number:	Community Air Protection Program (CAP) 2022 Implementation Funds Annual Report
	Title:	Community Air Protection Program (CAP) Implementation Funds
	Reporting Period:	April 1 st , 2021 to April 1 st , 2022
	Name of Grantee:	Mojave Desert Air Quality Management District
	Grant Number:	G17-CAPP-18 (Fiscal Year 2017-18) G18-CAPP-18 (Fiscal Year 2018-19) G19-CAPP-18 (Fiscal Year 2019-20) G20-CAPP-18 (Fiscal Year 2020-21)
	Date of Submission:	June 20, 2022
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>	
Staff – Planning (40%) Outreach and Project Incentives (30%) Emissions Tracking and Evaluations (30%)		

III.	How is grant being utilized to meet goals of AB 617: <i>(If applicable, include emissions reductions being achieved)</i>
<p>The Mojave Desert Air Quality Management District (MDAQMD) is working to support early implementation actions that reduce emissions and improve public health in communities with high burdens of cumulative pollutant exposures consistent with the goals of Assembly Bill 617 (AB 617). First, the MDAQMD began to review and evaluate best available control and retrofit technology and created an implementation schedule. Second, the MDAQMD conducted community outreach events and held follow-up meetings with potential applicants/grantees. Lastly, the MDAQMD established and continues to grow our community monitoring program (purple air sensors).</p>	

IV.	Summary of work completed and in progress since the last progress report:
<p>1. <u>Webpages</u>- The MDAQMD created a webpage to help provide prompt information about the MDAQMD’s Community Air Protection Program (https://www.mdaqmd.ca.gov/air-quality/community-air-protection-program-ab617) This webpage provides an overview of AB 617, community meetings information (and access to past meeting recordings), BARCT Implementation Schedule and links to additional Community Air Protection Program resources. The webpage also has a list of completed projects as well as a video showing the destruction of a replaced diesel school bus with a zero-emission equivalent. In addition, the MDAQMD also developed a Purple Air-Community Monitor Map (see #5 below). Members of our community can get real time data of PM emissions in their communities and across the State. Lastly, the MDAQMD is always accepting feedback on our AB 617 program. We have created a survey which any citizen can complete. As well as contact information where they can reach out to a staff directly.</p>	

2. BARCT- AB 617 includes a specific requirement for each district that is a nonattainment area for one or more air pollutants to adopt an expedited schedule for the implementation of best available retrofit control technology (BARCT), by the earliest feasible date, but in any event not later than December 31, 2023, for each industrial source that, as of January 1, 2017, was subject to a market-based compliance mechanism adopted by the state board pursuant to subdivision (c) of Section 38562. The MDAQMD adopted a BARCT Implementation Schedule in accordance with the goals of AB 617 (<http://mdaqmd.ca.gov/home/showdocument?id=6098>).

3. Criteria and Toxic Reporting Regulation-The MDAQMD has been following the proposed State regulation and has been providing information and feedback as requested to help develop the reporting regulation.

4. Community Outreach and Engagement- The Mojave Desert Air Quality Management District (MDAQMD) conducted two public meetings in accordance with the Community Air Protection Program guidelines. The initial meeting was held on March 28, 2018 in the City of Victorville (MDAQMD headquarters). The district had 15 members of the community attend the initial meeting and the community supported funding zero-emission equipment when possible. A second meeting was held on November 1, 2018 at MDAQMD headquarters. The purpose of the meeting was to get additional feedback on active and current projects. Once again, the community supported funding zero-emission projects when possible and other emission reducing projects in the community.

As part of the CAP guidelines and requirements the MDAQMD held a third virtual Zoom meeting on August 20, 2020. The meeting was held virtually due to the current COVID-19 pandemic and the Governors stay at home order for Counties. The purpose of the meeting was to provide the community updates on past and active projects. In addition, the District also shared our actions on our BARCT implementation schedule and Purple Air Sensor as it relates to Community Air Monitoring. Lastly, the MDAQMD also sought additional community input for future CAP funded projects. Again, the community supported the District's past action on funding zero-emission projects when possible or other emission reducing projects in the community.

In our continuing outreach the District now holds a standing annual 617 meeting in August. The last meeting was held in August 2021. Once again, the purpose of the meeting will be to get feedback from the community and the projects they would like to support. In addition, the District also shared our actions on our BARCT implementation schedule and Purple Air Sensor as it relates to Community Air Monitoring

Another yearly community meeting has been tentatively scheduled for August 9, 2022.

You can find more information on our community meetings on our 617 page at <https://www.mdaqmd.ca.gov/air-quality/community-air-protection-program-ab617>

Lastly, the District also attend the Zero-Emission Trucks Showcase + Rude and Drive event hosted by CARB and CALSTART. The event took place on June 8, 2022 at the Auto Club Speedway in Fontana, CA. Staff attended the event to learn more about zero-emission vehicles to better serve our residents interested in zero-emission vehicles.

5. Community Air Monitoring (Purple Air Sensors)-The MDAQMD has installed and is currently monitoring Purple Air Sensors throughout our jurisdiction. Our Planning Section has actively engaged the community and has installed 49 sensors throughout our jurisdiction with 1 pending installation. For additional information on the MDAQMD's Purple Air Sensors please click on the following link:

<https://map.purpleair.com/1/a/MAQI/a10/p604800/cC0#7.68/34.585/-116.778>

Since the MDAQMD has exhausted desired government locations, sensors are now being offered to staff for installation to get the remaining sensors sited and operating in the community.

Work in Progress:

1. BARCT-The MDAQMD will continue to work with local sources to ensure BARCT is adopted as stated in the Implementation Schedule.

2. Criteria and Toxic Reporting Regulation- The MDAQMD continues to be involved in the new proposed regulation. Once the regulation is finalized, the MDAQMD will conduct outreach to sources to inform them of the regulation and their obligations. The MDAQMD will also receive and perform quality assurance on emissions data submitted by facilities before transmitting the data to CARB.

3. Community Outreach and Engagement- The MDAQMD will continue our outreach to local school districts to incentives their transition to all-electric school buses. In addition, the MDAQMD is also incentivizing all-electric lawn and garden equipment to encourage school districts participation.

4. Community Air Monitoring (Purple Air Sensors)-The MDAQMD will continue to work with the local community in installing additional purple air sensors throughout our jurisdiction. We will continue to focus on increasing participation from local schools and colleges as well as other geographic locations that may be sources of emissions.

V.	Grant funds remaining and expended:
<p>Total Staff CAPP Hours Coded to date: 5,884.34 Total CAPP Implementation Cost to date (\$): \$397,810.13 Total CAPP Implementation Funds Remaining to date (\$): \$100,663.87</p> <p>G17-CAPP-18 (Fiscal Year 2017-18)-liquidated. G18-CAPP-18 (Fiscal Year 2018-19)-liquidated. G19-CAPP-18 (Fiscal Year 2019-20)-liquidated. G20-CAPP-18 (Fiscal Year 2020-21)-in progress.</p>	
VI.	Expenditure summary showing all Community Air Protection Program Implementation Funds for which reimbursement is being requested:
<p>N/A</p> <p>MDAQMD is a small district as it pertains to the CAPP program and implementation funds are given to the District upfront.</p>	
VII.	Others

1) N/A