

**Mojave Desert Air Quality Management District**

**Community Air Protection Program (CAPP) Implementation Funds**

**Grant # G18-CAPP-18**

**Fiscal Year/Program: 2018-19**

**Fiscal Grant Term: March 1, 2018 to April 1, 2021**

**Submitted to the California Air Resources Board on:  
June 2, 2020**

➤ **Contact Information**

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➤ **Grant Funds**

- G18-CAPP-18: \$203,927.00
- Total Amount Encumbered: \$203,927.00
- Program Funds Status from Previous Report: \$28,992.48

➤ **Itemized Invoice Information**

<b>CAPP Implementation Funds (November 1, 2019 thru April 30, 2020)</b>	<b>Staff Hours Worked</b>	<b>Dollar Amount</b>
AB 617 CAPP Implementation Meetings	0	\$138,049.34
Staff – Planning (40%) / Outreach and Project Incentives (30%)/ Emissions Tracking and Evaluations (30%)	1,859	
Projects/Programs Expenses		\$0
<b>Total</b>	<b>1,859</b>	<b>\$138,049.34</b>
<b>Weighted Labor Rate</b>	<b>\$74.26</b>	
<b>Total CAPP Implementation Costs</b>		<b>\$138,049.34</b>
<b>Total CAPP Implementation Costs from Previous Report</b>		<b>\$64,179.52</b>
<b>Total CAPP Implementation Funds Remaining</b>		<b>\$94,870.14</b>

**Summary of Work Completed and In Progress:**

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). Further information on the MDAQMD actions can be found in the *Detailed Breakdown* section below.

**Detailed Breakdown:**

1. Webpages- 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, BARCT Implementation Schedule and links to additional Community Air Protection Program resources. The webpage also has a list of completed projects as of June 15, 2020 and projects in progress. 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.
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 MDAQMD held two meetings in April and November of 2018. Members of the community were encouraged to attend and provide input on how AB 617 monies should be allocated. In each meeting there were at least ten (10) members of the community in attendance. During the meetings community advocated clean air for children and expressed interest in acquiring all-electric school buses for local school districts. In addition, going all-electric with replacement equipment when possible was also expressed.

In order to address the community need, the MDAQMD met with local school districts to provide information on grant funding and the air quality benefits that could be achieved by moving to zero-emission bus(es) and equipment. Table 1 below list all the meetings held during the reporting period.

**Table 1**

Date	Meeting Description
10/9/2019 and 1/21/2020	Meet with the Barstow Unified School District to discuss the benefits and incentive funds available for converting their internal combustion lawn and garden fleet equipment for zero-emission lawn and garden equipment.
03/05/2020	Phone Conference with the Oro Grande School District to discuss incentive funds available for all-electric zero emission bus(es) and infrastructure needed to support the bus(es).
04/28/2020	Phone Conference with Helendale School District to discuss the benefits and incentive funds available for converting their internal combustion lawn and garden fleet equipment for zero-emission lawn and garden equipment.

In addition, our community also expressed interest in completing all-electric replacement projects when possible. The MDAQMD held a conference call with the Burlington Northern Santa Fe Railway Company Barstow on February 6, 2020 to discuss the feasibility of repowering one of their uncontrolled switcher to a zero-emission engine or Tier 4. During the call we also discussed other retrofit projects and installation of idling technology that could help improve air quality.

Lastly, the MDAQMD continues to encourage the community to submit input and complete our AB 617 survey located on our website.

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 37 sensors throughout our jurisdiction with an additional 13 waiting to be installed. For additional information on the MDAQMD’s Purple Air Sensors please click on the following link: <http://mdaqmd.ca.gov/air-quality/purple-air-community-monitor-map>.

**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.