

Placer County Air Pollution Control District AB 617 Grant Agreement Annual Report

Annual Report #5

Grantee: Placer County Air Pollution Control District

Report Date: May 31, 2023

Grant #: G21-CAPP-23

This annual report is prepared for funds received by the Placer County Air Pollution Control District (District) to implement the Community Air Protection Program (CAPP) under Assembly Bill 617 (AB 617) between April 23, 2022, and April 21, 2023. It includes 1) a summary of all activities associated with tasks conducted by the District under the CAPP, 2) costs related to specific tasks in this reporting period, and 3) a summary of the CAPP Implementation funds received, expended, and remaining balance.

1. Summary of Tasks with associated work completed in the fifth annual reporting period

The District developed the work plan with the following specific tasks to implement the CAPP and satisfy the grant agreement requirements. Each task is described in the following sections with the summary of work completed in this reporting period.

Task 1 – Execute the grant agreement. The District's Board of Directors approved grant agreement G18-CAPP-23 with the California Air Resources Board (CARB) to accept CAPP Implementation Funds on April 11, 2019. In the same approval, the Board of Directors also authorized the Air Pollution Control Officer (APCO) to accept future CARB grant agreements for CAPP implementation. Accordingly, the District executed the grant agreement G19-CAPP-23 on April 20, 2020 to accept the total amount of \$48,590, the grant agreement G20-CAPP-23 on May 13, 2021 to accept the total amount of \$46,980, and the grant agreement G21-CAPP-23 on August 3, 2022 to accept the total amount of \$46,980. The funding supports the District's activities associated with the continuous implementation of CAPP. The grant agreement specifies the activities eligible for funding which includes selecting communities, developing community air monitoring systems, and deploying fence-line monitoring devices. The funds can also support the development of an expedited schedule for best available control technology (BACT), best available retrofit control technology (BARCT), the implementation of mandatory emission reporting regulation, and the Community Emissions Reduction Programs to reduce emissions within communities.

Task 2 – Hold a public meeting and conduct outreach for program implementation. Due to the proximity to both the Union Pacific Railroad (UPRR) Company's J.R. Davis Roseville Rail Yard (Rail Yard) and Interstate Highway 80 (I-80), the District continues to work with the City of Roseville, and surrounding community, to introduce the CAPP, solicit ideas on potential emission reduction

projects, and hear concerns. To enhance community outreach efforts, the District partnered with the Health Education Council (HEC); a local community organization with recognized experience in efforts to improve resident health through community consensus building, education, and outreach, especially in low-income neighborhoods.

The contract with HEC incorporates Invest Health Roseville Advisory Committee's assistance with establishing and coordinating a community forum to identify the community's concerns, and to publicize workshops, community meetings, public hearings, and other outreach events to enhance public engagement. District staff regularly engage with the committee at their monthly meetings and have the opportunity to provide monthly updates and discuss and receive feedback regarding the use of incentive funds. HEC also facilitates the District's participation in local community events. In addition, HEC joins a series of listening sessions led by *Placer People of Faith Together* across the county, including sessions held in AB1550 low-income community areas. The participation is to learn about challenges and ongoing needs of Placer residents and air quality challenges among residents living in AB1550 low-income community areas.

During this reporting period, the District collaborated with HEC to present "This is Your Air District" in a Fun & Wellness Family Festival in Roseville on May 27, 2022. It was an introduction to the District and its air quality activities in Placer County. Outreach materials, press releases, and program information were available in English and Spanish. The event featured a short presentation on the CAPP Incentives program, air quality, and efforts to reduce localized air pollution in disproportionately impacted communities within Placer County. The District is planning to collaborate with HEC on a similar local event to be held in June 2023.

The District also continues coordinating an annual solicitation for CAPP Incentives Program projects from April 1 to May 31. Outreach for this solicitation includes a press release, an email newsletter to the District's outreach list, posting on the District's homepage and grants and incentives page and placing ads in local newspapers. The outreach is conducted in collaboration with the Invest Health committee and their partners. This allows the District to utilize their media outlets, outreach tools and information dissemination channels, in order to enhance and broaden our efforts. Outreach materials are available in both English and Spanish.

The District will continue working with HEC and other local partners to utilize more media outlets, outreach tools, and information dissemination channels. The efforts will enhance and broaden the CAPP to increase awareness and obtain additional input for CAPP implementation in Placer County.

Task 3 – Implement mandatory emission reporting regulation under AB 617 requirements.

AB 617 requires that CARB establish a uniform statewide system for annual reporting of criteria pollutant and toxic air contaminants for stationary sources. On December 14, 2018, the Criteria

Air Pollutants and Toxic Air Contaminants Reporting Regulation (or CTR Regulation) was adopted by the CARB Board and was amended on November 19, 2020. The amendments to CTR are effective January 1, 2022. According to the CTR Regulation, the District will report required facility activity data based on facility sector phases starting 2025 and report the complete data from all subjected facilities in 2029.

For the CTR Regulation requirements, the District is working to enhance the existing permitting database with an emission calculation and reporting function. The existing permitting database primarily serves the permitting and compliance programs. It now includes an emission reporting module that has built-in calculation methods for each permitted facility to calculate emission data from facility's annual throughputs reports and to generate an emission and activity report that satisfies the CTR Regulation reporting requirements. In addition, the module will provide an on-line reporting portal that allows facility operators to report all required data directly into the database to streamline the emission calculation and reporting process. The District completed development of the emission reporting module and is working on transferring, reviewing, and updating facility profiles to the database.

Staff verified if there were any missing facility, new facility, or closed facility that should be added or removed from the database. After verifying facilities, staff reviewed facility data to identify any discrepancies needing correction and all required information was included to establish a profile. An individual emission calculation table in the emission report module was created for each facility. The table identified facility's owned device(s) and process(es) with calculation equations for each criteria pollutant and air toxics emission calculation. During this reporting period, all 857 facilities with 1,482 permits were shifted to the new database completely. Emission calculation tables for two types of permit categories (engines and gasoline dispensing facilities) have been established and were used to calculate facility related emissions. The District continues working on the other permit categories to ensure the database produces accurate facility emission reports meeting the CTR Regulation requirements.

The District continues participating in the CAPCOA working group to collaborate with CARB staff to evaluate further applicability requirements for facility emission reports. The collaboration will ensure accurate and comprehensive inventories, which will support CAPP implementation and improve data transparency and public data access.

Task 4 – Participate in the AB 617 working group and advisory committees created by CARB and CAPCOA. To implement the CAPP, CARB and CAPCOA are working collaboratively through working groups and advisory committees. The scope of these working groups includes the possible amendment of guidance for community selection, the BARCT review and implementation schedule, emission data collection and reporting, monitoring equipment recommendations, and funding allocations. The District continues to participate in these groups

and committees to help characterize community-specific air pollution challenges and identify critical components for community monitoring plans and emission reduction plans. Although there is currently no selected community under CAPP in Placer County, District staff will continue to participate in these groups to acquire experience and knowledge from air district colleagues, thereby improving the District's response to concerns from Placer's communities.

Task 5 – Administer Program Implementation. The grant agreement includes the administrative requirements for program implementation. This includes 1) preparing grant disbursement requests, 2) tracking program funding payments and earned interest, 3) developing a program work plan, 4) identifying program-related tasks, 5) coordinating District resources for program implementation, and 6) preparing and submitting reports to CARB for program implementation. These are ongoing efforts, and District staff will continue working on them through the end of the grant term, or until all funds are expended.

2. **Summary of expenditures associated with each specific task**

For the fifth annual reporting period, the District's expenditures included staff hours spent on task development and implementation. The following table summarizes the staff hours spent on each task and the associated costs, from April 23, 2022, to April 21, 2023.

Specific Task	Staff Hours	Costs
#1 Grant Agreement Approval	24	\$2,559
#2 Public Meetings and Outreach	45	\$4,805
#3 BARCT Review and Emission Reporting Regulation	343	\$29,918
#4 Working Groups Participation	18	\$1,924
#5 Program Administration	64	\$6,987
Total	495	\$46,192

3. **Summary of grant funds received, expended, and remaining balance**

The District's funding to date to implement the CAPP-23 program, including interest earned, is \$326,587. As of April 21, 2023, associated program implementation expenditures were \$285,030 in total and the current remaining balance of the grant over the five years is \$41,556. Accordingly, the \$97,092 grant award received in FY 18-19 (G17-CAPP-23), the \$82,138 grant award received in FY 19-20 (G18-CAPP-23), the \$48,590 grant award received in FY 19-20 (G19-CAPP-23), and the \$46,980 grant award received in FY 20-21 (G20-CAPP-23) have been fully expended. The table below summarizes the funds received, spent, and the remaining balance of April 21, 2023.

CAPP-23 Grant Funding Tracking (All-Time)	
G17-CAPP-23 (Year 1) grant request (5/1/2018)	\$62,092
G17-CAPP-23 (Year 1) grant request (2/19/2019)	\$35,000
G18-CAPP-23 (Year 2) grant request (9/27/2019)	\$82,138
G19-CAPP-23 (Year 3) grant request (12/14/2020)	\$48,590
G20-CAPP-23 (Year 4) grant request (12/2/2021)	\$46,980
G21-CAPP-23 (Year 5) grant request (12/19/2022)	\$46,980
Interest Earned (FY 18-19)	\$1,256
Interest Earned (FY 19-20)	\$1,518
Interest Earned (FY 20-21)	\$570
Interest Earned (FY 21-22)	\$313
Interest Earned (FY 22-23)	\$1,150
Program expenditure (4/27/2018~3/1/2019)	-\$46,975
Program expenditure (3/2/2019~2/28/2020)	-\$79,210
Program expenditure (2/29/2020~2/26/2021)	-\$31,160
Program expenditure (2/27/2021~4/22/2022)	-\$17,714
Program expenditure (4/23/2022~4/21/2023)	-\$46,192
EBAM Purchase (May 2019)	-\$12,983
Monitoring Trailer (May 2019)	-\$4,164
Health Education Council Contract	-\$46,633
Remaining balance	\$41,556

The District will continue to work on the above tasks to implement the program. During the next annual reporting period, possible program expenditures may include the cost of staff hours, the proposed advanced surveillance camera system, and low-cost monitors.