

**AB617 Community Air Protection Program  
(G17-CAPP-19)**

**ANNUAL REPORT #2**

**April 30, 2019 – April 30, 2020**

Submitted April 29, 2020



## 1. Introduction

The Monterey Bay Air Resources District (MBARD) received grant funds from the California Air Resources Board (CARB) to implement the Community Air Protection Program consistent with the goals of Assembly Bill 617 (AB617).

This annual report satisfies Section 2.A of the grant agreement by providing the following information:

- Report number, title, name of Grantee, date of submission, project Grant number;
- Report costs associated with specific tasks;
- Report how grant is being utilized to meet goals of Assembly Bill 617. If applicable, include emission reductions being achieved;
- Summary of work completed;
- Grant funds remaining and expended; and
- Expenditure summary showing all Community Air Protection Program Implementation Funds for which disbursement is being requested.

## 2. Work Completed and In Progress

This section summarizes the tasks and the dates each task was completed to implement the Community Air Protection Program. MBARD has included activities completed prior to the grant agreement execution date since the grant term is listed as beginning March 1, 2018.

The main task completed during the first year of the grant was the development and Board approval of an expedited Best Available Retrofit Control Technology (BARCT) schedule. The schedule was adopted by MBARD’s Board in November 2018 meeting in compliance with the AB617 due date of January 1, 2019. MBARD’s expedited BARCT schedule is available to review on BARCT website here: <https://ww2.arb.ca.gov/our-work/programs/community-air-protection-program/technology-clearinghouse/expedited-barct>

**Table 1. Summary of Work Completed**

Activity Completed	Completion Date
MBARD Reviews Current Rules for BARCT Stringency and Provides Clearinghouse List to CARB	February 27, 2018
MBARD Reviews and Provides Edits to CARB BARCT Clearinghouse Entries for MBARD Rules	April 12, 2018

**Table 1. Summary of Work Completed**

<b>Activity Completed</b>	<b>Completion Date</b>
Board Approval of AB617 Grant Agreement	April 18, 2018
AB617 Grant Agreement Executed	April 30, 2018
MBARD Completes Draft Expedited BARCT Schedule	September 2018
MBARD Publishes Notice of Public Workshop to Review Draft Expedited BARCT Schedule via Newspaper, District Website, and Email to Affected Sources	September 25, 2018
MBARD Advisory Committee Presentation of Draft Expedited BARCT Schedule	October 4, 2018
Public Meeting per Health and Safety Code §40920.6.(d)	October 15, 2018
Board Approval of AB617 Grant Agreement Amendment	November 14, 2018
Board Adoption of Expedited BARCT Schedule	November 14, 2018
Grant Agreement AB617 Amendment Executed	December 31, 2018
Participation in CARB and Air MBARD BACT/BARCT Committee to establish clearinghouse per Health and Safety Code §40920.8	Beginning in January 2018 and ongoing meetings every other Tuesday
Participation in CARB Rule Development Process for the Regulation for the Reporting of Criteria Air Pollutants and Toxic Air Contaminants	Beginning in December 2017 and Ongoing
Initiate Development of First BARCT Rule – Rule 441. Boilers, Steam Generators, and Process Heaters	May 23, 2019
Conduct Rule Development Activities	May 23, 2019 to February 19, 2020
Provided Written Comments on the 25-Day Modifications to the Emission Reporting Regulation	June 6, 2019
Execute Database Licenses with Accela	August 20, 2019
Execute Database Professional Services to Implement Accela with Vision33	November 1, 2019
Advisory Committee Review of Rule 441	December 5, 2019
Public Meeting on Rule 441	January 15, 2020
Board Hearing and Adoption of Rule 441	February 19, 2020

## 2.1 COMPLETED WORK

This section describes the work completed to implement the Community Air Protection Program under Grant G17-CAPP-19.

MBARD staff continues to participate in CARB's regular BACT/BARCT clearinghouse committee meetings and emission reporting regulation meetings. MBARD provided comments on the emission reporting regulation and continues to participate through meetings and comments on the development of the revisions to the CARB adopted emission reporting regulation. MBARD also had an in-person meeting with CARB staff regarding the revisions to the emission reporting regulation to include smaller sources.

In the second quarter of 2019, MBARD began to review the first BARCT rule titled "Boilers, Steam Generators, and Process Heaters. This work included reviewing the currently permitted equipment at the subject facilities to determine what additional controls could be installed to reduce emissions. A cost-effectiveness analysis was prepared to evaluate the costs of retrofitting existing equipment to meet lower emission standards. This analysis included reaching out to manufactures for cost data and meeting with manufacturers at the subject facilities to review available equipment retrofits and costs. Staff conducted several meetings with the subject sources and the public to review the proposed emission limits and cost-effectiveness analysis. Staff prepared the draft rule language, staff report, presentations, and engaged in the public process for adopting Rule 441. The BARCT Rule 441 was adopted by the MBARD Board on February 19, 2020 and in accordance with our BARCT schedule. Staff will begin work on the next BARCT rule in second quarter 2020.

In 2019, MBARD initiated actions to acquire technology tools to enhance our interaction with the public and our permitted sources. MBARD launched a new website, contracted with a vendor to establish an electronic document management system, and contracted with a vendor to implement a new permit database. These tools will improve our efficiency and provide community access to MBARD activities and government transparency documents, the permit database will allow for searching permit information and support online applications through an interface on our website. In addition, MBARD intends to contract with a vendor for an emission inventory database system to allow MBARD a more efficient way to assist sources in meeting the proposed emission reporting requirements. Acquiring and implementing these technology tools over the next several years will help MBARD provide information and access to the public in a more understandable and user-friendly manner.

## 2.2 ACCOUNTING

MBARD submitted an advance payment form for \$40,000 at the time the grant agreement was executed. The remaining funds for Grant G17-CAPP-19 (\$118,300) are being requested with the submission of this report.

The following summarizes the grant funds expended:

- Grant funds received as advanced payment: \$40,000
- Interest income:
  - \$381.95 through quarter ending 12/31/18
  - \$504.28 additional interest income since 12/31/18
  - \$886.23 total interest income
- Grant funds per disbursement request: \$118,300
- Grant funds expended: \$158,300
- Grant funds remaining to be disbursed: \$0

Attachment A contains the detailed summary of the costs.

## 3. Conclusion

This annual report documents MBARD's completed work to implement the Community Air Protection Program under Grant G17-CAPP-19.

Attachment 1  
Accounting of MBARD Costs

**Grant Summary**

Grant Number

G17-CAPP-19

Grant Amount (Amendment 1)	\$	158,300
Advanced Payment	\$	(40,000)
Amount Remaining to be Disbursed		\$ 118,300

**Category****Funds Expended**

2018 Annual Report	\$	24,583
2019 Annual Report:		
-Staff Time	\$	46,297
-Database and Electronic Document Implementation	\$	88,306
Interest Income	\$	(886)

TOTAL DISBURSEMENT REQUEST \$ 118,300  
(includes deduction of advanced payment)

Grant Summary	Job Classifications	Total Project Work Hours (hrs)	Hourly Wage (\$)	Fringe Benefits (\$/Hour)	Total Hrlly Rate With Benefits	Wages Expense	Benefits Expense	Totals	Grant Tasks
5/1/19-4/5/20	Engineering & Compliance Manager	85	\$ 75.35	\$ 41.31	\$ 116.66	\$ 6,403	\$ 3,510	\$ 9,914	Establishing best available retrofit control technology requirement, Participation in CARB BACT/BARCT Committee, BARCT Rule Implementation, Other Community Air Protection implementation effort
5/1/19-4/5/20	Planning & Air Monitoring Manager	8	\$ 69.38	\$ 39.54	\$ 108.92	\$ 555	\$ 316	\$ 871	Other Community Air Protection implementation effort
5/1/19-4/5/20	Engineering Supervisor	60	\$ 72.27	\$ 44.15	\$ 116.42	\$ 4,336	\$ 2,649	\$ 6,985	Establishing best available retrofit control technology requirement, Participation in CARB BACT/BARCT Committee, BARCT Rule Implementation, Other Community Air Protection implementation effort
5/1/19-4/5/20	Air Quality Engineer II	300	\$ 50.61	\$ 15.45	\$ 66.06	\$ 15,206	\$ 4,641	\$ 19,847	Establishing best available retrofit control technology requirement, BARCT Rule Implementation, Other Community Air Protection implementation effort
5/1/19-4/5/20	Air Quality Engineer III	90	\$ 61.01	\$ 22.27	\$ 83.28	\$ 5,491	\$ 2,005	\$ 7,495	Establishing best available retrofit control technology requirement, BARCT Rule Implementation, Other Community Air Protection implementation effort
5/1/19-4/5/20	Administrative Services Manager	7	\$ 60.10	\$ 20.97	\$ 81.07	\$ 421	\$ 147	\$ 568	Other Community Air Protection implementation effort
5/1/19-4/5/20	Air Pollution Control Officer	4	\$ 97.19	\$ 56.92	\$ 154.11	\$ 389	\$ 228	\$ 616	Other Community Air Protection implementation effort
<b>Totals</b>		<b>554</b>				<b>\$ 32,801</b>	<b>\$ 13,496</b>	<b>\$ 46,297</b>	

"Other Community Air Protection implementation effort" includes activities such as, program oversight, report writing, grant administration, website improvements, and meetings