

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

ANNUAL REPORT #1

April 30, 2018 – April 30, 2019

Submitted April 29, 2019



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 and in progress;
- 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

Activity Completed	Completion Date
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

2.1 WORK IN PROGRESS

This section describes the work in progress to implement the Community Air Protection Program.

MBARD staff continue to participate in CARB’s regular BACT/BARCT clearinghouse committee meetings and emission reporting regulation meetings. In addition, MBARD will participate in the emission methodology development committee which will be added to the emission reporting regulation at a future date.

In the second quarter of 2019, MBARD will begin to review the first potential BARCT rule titled “Boilers, steam generators, and process heaters”. This work will include reviewing the currently permitted equipment at the subject facilities to determine what additional controls could be installed to reduce emissions. A cost-effectiveness analysis will be prepared to evaluate the costs of retrofitting existing equipment to meet lower emission standards. Staff

will meet with the sources to review the proposed emission standards and cost-effectiveness analysis. Staff will prepare a draft rule, staff report, and engage in the public process for adopting rules. The BARCT schedule allows for one year for the rule making process.

In early April 2019, MBARD released a request for proposals for a permitting database and emission inventory system. These tools will improve our efficiency and provide community access to permit information and emission inventory data through a public interface on our website. In addition, an emission inventory system will allow MBARD to more efficiently assist sources in meeting the proposed emission reporting requirements. MBARD anticipates implementation to begin in third quarter 2019.

In mid May 2019, MBARD will be releasing an updated version of our website. The goal of this release is to enhance the public's interaction with MBARD through our website. In particular, we are seeking to make it easy for the public to find information along with meeting governmental transparency recommendations.

2.2 ACCOUNTING

MBARD submitted an advance payment form for \$40,000 at the time the grant agreement was executed. No additional funds are being requested at this time as MBARD has funds remaining from the initial payment.

The following summarizes the grant funds expended and remaining:

- Grant funds received as advanced payment: \$40,000
- Grant funds expended: \$24,593
- Interest income: \$381.95 through quarter ending 12/31/18 (Interest income not yet received from the County for quarter ending 3/31/19)
- Grant funds remaining to be disbursed: \$118,300 (this includes the additional \$30,000 amendment)

Attachment A contains the detailed summary of the costs associated with each task.

3. Conclusion

This annual report documents MBARD's completed work and work in progress to implement the Community Air Protection Program.

Attachment 1

Accounting of MBARD Costs

MBARD
CAPP Grant AB617 Reporting
Attachment 1

Table 1. Cost Summary by Job

Dates	Job Classifications	Total Project Work Hours (hrs)	Hourly Wage (\$)	Benefits \$/Hour	Total Hrly Rate With Benefits	Wages Expense	Benefits Expense	Totals
4/1/18-4/7/19	Engineering & Compliance Manager	181.00	\$ 72.80	\$ 36.11	\$ 108.91	\$ 13,176.80	\$ 6,535.91	\$ 19,712.71
4/1/18-4/7/19	Planning & Air Monitoring Manager	3.50	\$ 66.07	\$ 34.38	\$ 100.45	\$ 231.25	\$ 120.33	\$ 351.58
4/1/18-4/7/19	Engineering Supervisor	25.50	\$ 69.83	\$ 39.06	\$ 108.89	\$ 1,780.67	\$ 996.03	\$ 2,776.70
4/1/18-4/7/19	Air Quality Engineer II	20.00	\$ 46.56	\$ 14.54	\$ 61.10	\$ 931.20	\$ 290.80	\$ 1,222.00
4/1/18-4/7/19	Senior Administrative Assistant	4.00	\$ 38.67	\$ 21.47	\$ 60.14	\$ 154.68	\$ 85.88	\$ 240.56
4/1/18-4/7/19	Air Pollution Control Officer	2.00	\$ 93.90	\$ 50.99	\$ 144.89	\$ 187.80	\$ 101.98	\$ 289.78
Totals		<u>236.00</u>				<u>\$ 16,462.39</u>	<u>\$ 8,130.93</u>	<u>\$ 24,593.32</u>

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Attachment 1
Table 2. Cost by Task

Last Name	First Name	PPE	Hours	Rate + Fringe Benefits	Total Exp	Activity Description	Grant Agreement Task
Clymo	Amelia S.	10/7/18	9.00			Presentation	Adopting an expedited schedule for the implementation of best available retrofit control technology
Clymo	Amelia S.	11/18/18	1.00			Presentation	Adopting an expedited schedule for the implementation of best available retrofit control technology
Clymo	Amelia S.	5/6/18	3.00			Program Development	Adopting an expedited schedule for the implementation of best available retrofit control technology
Clymo	Amelia S.	5/6/18	1.00			Report Review	Adopting an expedited schedule for the implementation of best available retrofit control technology
Clymo	Amelia S.	5/6/18	1.00			Report Writing	Adopting an expedited schedule for the implementation of best available retrofit control technology
Clymo	Amelia S.	7/29/18	2.00			Report Review	Adopting an expedited schedule for the implementation of best available retrofit control technology
Clymo	Amelia S.	9/23/18	0.50			Report Review	Adopting an expedited schedule for the implementation of best available retrofit control technology
Clymo	Amelia S.	10/21/18	0.50			Report Review	Adopting an expedited schedule for the implementation of best available retrofit control technology
Clymo	Amelia S.	12/2/18	0.50			Report Review	Adopting an expedited schedule for the implementation of best available retrofit control technology
Clymo	Amelia S.	12/16/18	0.50			Report Review	Adopting an expedited schedule for the implementation of best available retrofit control technology
Clymo	Amelia S.	12/30/18	1.00			Report Review	Adopting an expedited schedule for the implementation of best available retrofit control technology
Clymo	Amelia S.	2/24/19	1.00			Report Review	Adopting an expedited schedule for the implementation of best available retrofit control technology
Clymo	Amelia S.	3/10/19	2.50			Report Review	Adopting an expedited schedule for the implementation of best available retrofit control technology
Clymo	Amelia S.	3/24/19	3.50			Report Review	Adopting an expedited schedule for the implementation of best available retrofit control technology
Clymo	Amelia S.	4/7/19	1.00			Report Review	Adopting an expedited schedule for the implementation of best available retrofit control technology
Clymo	Amelia S.	6/3/18	6.50			Report Writing	Adopting an expedited schedule for the implementation of best available retrofit control technology
Clymo	Amelia S.	6/17/18	4.00			Report Writing	Adopting an expedited schedule for the implementation of best available retrofit control technology
Clymo	Amelia S.	7/1/18	1.00			Report Writing	Adopting an expedited schedule for the implementation of best available retrofit control technology
Clymo	Amelia S.	7/15/18	18.00			Report Writing	Adopting an expedited schedule for the implementation of best available retrofit control technology
Clymo	Amelia S.	7/29/18	13.00			Report Writing	Adopting an expedited schedule for the implementation of best available retrofit control technology
Clymo	Amelia S.	8/12/18	5.00			Report Writing	Adopting an expedited schedule for the implementation of best available retrofit control technology
Clymo	Amelia S.	8/26/18	1.00			Report Writing	Adopting an expedited schedule for the implementation of best available retrofit control technology
Clymo	Amelia S.	9/9/18	2.00			Report Writing	Adopting an expedited schedule for the implementation of best available retrofit control technology
Clymo	Amelia S.	9/23/18	10.00			Report Writing	Adopting an expedited schedule for the implementation of best available retrofit control technology
Clymo	Amelia S.	10/7/18	9.50			Report Writing	Adopting an expedited schedule for the implementation of best available retrofit control technology
Clymo	Amelia S.	10/21/18	2.00			Report Writing	Adopting an expedited schedule for the implementation of best available retrofit control technology
Clymo	Amelia S.	11/4/18	9.00			Report Writing	Adopting an expedited schedule for the implementation of best available retrofit control technology
Clymo	Amelia S.	11/18/18	2.00			Report Writing	Adopting an expedited schedule for the implementation of best available retrofit control technology
Clymo	Amelia S.	12/2/18	0.50			Report Writing	Adopting an expedited schedule for the implementation of best available retrofit control technology
Clymo	Amelia S.	12/16/18	0.50			Report Writing	Adopting an expedited schedule for the implementation of best available retrofit control technology
Clymo	Amelia S.	12/30/18	0.50			Report Writing	Adopting an expedited schedule for the implementation of best available retrofit control technology
Clymo	Amelia S.	2/24/19	3.50			Report Writing	Adopting an expedited schedule for the implementation of best available retrofit control technology
Clymo	Amelia S.	3/24/19	5.00			Report Writing	Adopting an expedited schedule for the implementation of best available retrofit control technology
Clymo	Amelia S.	4/7/19	2.00			Report Writing	Adopting an expedited schedule for the implementation of best available retrofit control technology
			123.00	\$108.91	\$13,395.93		
Giraud	Mary	7/29/18	4.00			Meetings & Preparation for meetings-external	Adopting an expedited schedule for the implementation of best available retrofit control technology
Giraud	Mary	9/23/18	3.50			Meetings & Preparation for meetings-external	Adopting an expedited schedule for the implementation of best available retrofit control technology
Giraud	Mary	12/16/18	0.25			Meetings & Preparation for meetings-external	Adopting an expedited schedule for the implementation of best available retrofit control technology
Giraud	Mary	1/13/19	1.50			Meetings & Preparation for meetings-external	Adopting an expedited schedule for the implementation of best available retrofit control technology
Giraud	Mary	2/24/19	0.25			Meetings & Preparation for meetings-external	Adopting an expedited schedule for the implementation of best available retrofit control technology
Giraud	Mary	3/10/19	1.50			Meetings & Preparation for meetings-external	Adopting an expedited schedule for the implementation of best available retrofit control technology
Giraud	Mary	4/7/19	2.50			Meetings & Preparation for meetings-internal	Adopting an expedited schedule for the implementation of best available retrofit control technology
Giraud	Mary	12/16/18	1.25			Program Development	Adopting an expedited schedule for the implementation of best available retrofit control technology
Giraud	Mary	3/24/19	1.00			Program Development	Adopting an expedited schedule for the implementation of best available retrofit control technology
Giraud	Mary	9/23/18	0.25			Report Review	Adopting an expedited schedule for the implementation of best available retrofit control technology
			16.00	\$108.89	\$ 1,742.24		
Subtotal for Task			139.00		\$15,138.17		

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Table 2. Cost by Task

Last Name	First Name	PPE	Hours	Rate + Fringe Benefits	Total Exp	Activity Description	Grant Agreement Task
Clymo	Amelia S.	10/21/18	7.50			Presentation	Community Meeting
Clymo	Amelia S.	10/21/18	2.00			Travel Time	Community Meeting
			9.50	\$108.91	\$ 1,034.65		
Frisbey	David F	9/9/18	0.50	\$100.45	\$ 50.23	Meetings & Preparation for meetings-internal	Community Meeting
Giraud	Mary	10/21/18	3.25			Meetings & Preparation for meetings-external	Community Meeting
Giraud	Mary	10/21/18	0.75			Travel Time	Community Meeting
			4.00	\$108.89	\$ 435.56		
Marcuzzo	Jo Anne	9/9/18	2.00			Program Implementation	Community Meeting
Marcuzzo	Jo Anne	9/9/18	2.00			Secretarial	Community Meeting
			4.00	\$ 60.14	\$ 240.56		
Subtotal for Task			18.00		\$ 1,760.99		
Clymo	Amelia S.	6/3/18	1.50			Meetings & Preparation for meetings-external	Establishing best available retrofit control technology requirement
Clymo	Amelia S.	6/17/18	1.50			Meetings & Preparation for meetings-external	Establishing best available retrofit control technology requirement
Clymo	Amelia S.	7/15/18	1.00			Meetings & Preparation for meetings-external	Establishing best available retrofit control technology requirement
Clymo	Amelia S.	7/29/18	3.00			Meetings & Preparation for meetings-external	Establishing best available retrofit control technology requirement
Clymo	Amelia S.	10/7/18	1.50			Meetings & Preparation for meetings-external	Establishing best available retrofit control technology requirement
Clymo	Amelia S.	10/21/18	3.00			Meetings & Preparation for meetings-external	Establishing best available retrofit control technology requirement
Clymo	Amelia S.	11/18/18	1.50			Meetings & Preparation for meetings-external	Establishing best available retrofit control technology requirement
Clymo	Amelia S.	12/2/18	1.00			Meetings & Preparation for meetings-external	Establishing best available retrofit control technology requirement
Clymo	Amelia S.	1/13/19	1.00			Meetings & Preparation for meetings-external	Establishing best available retrofit control technology requirement
Clymo	Amelia S.	2/24/19	1.00			Meetings & Preparation for meetings-external	Establishing best available retrofit control technology requirement
Clymo	Amelia S.	3/10/19	2.00			Meetings & Preparation for meetings-external	Establishing best available retrofit control technology requirement
Clymo	Amelia S.	4/7/19	3.00			Meetings & Preparation for meetings-external	Establishing best available retrofit control technology requirement
Clymo	Amelia S.	4/7/19	1.00			Meetings & Preparation for meetings-internal	Establishing best available retrofit control technology requirement
Clymo	Amelia S.	5/20/18	21.00			Report Writing	Establishing best available retrofit control technology requirement
Clymo	Amelia S.	12/16/18	0.50			Research	Establishing best available retrofit control technology requirement
			43.50	\$108.91	\$ 4,737.59		
Giraud	Mary	7/29/18	1.00			Rule Development	Establishing best available retrofit control technology requirement
Giraud	Mary	10/7/18	2.00			Rule Development	Establishing best available retrofit control technology requirement
Giraud	Mary	3/24/19	2.50			Rule Development	Establishing best available retrofit control technology requirement
			5.50	\$108.89	\$ 598.90		
Subtotal for Task			49.00		\$ 5,336.48		
Clymo	Amelia S.	8/12/18	0.50	\$108.91	\$ 54.46	General Administrative or Management	Other Community Air Protection implementation effort
Frisbey	David F	5/6/18	0.50			Meetings & Preparation for meetings-internal	Other Community Air Protection implementation effort
Frisbey	David F	5/20/18	0.50			Meetings & Preparation for meetings-internal	Other Community Air Protection implementation effort
Frisbey	David F	5/6/18	2.00			Program Development	Other Community Air Protection implementation effort
			3.00	\$100.45	\$ 301.35		
Stedman	Richard	12/16/18	2.00	\$144.89	\$ 289.78	Meetings & Preparation for meetings-internal	Other Community Air Protection implementation effort
Subtotal for Task			5.50		\$ 645.59		

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Last Name	First Name	PPE	Hours	Rate + Fringe Benefits	Total Exp	Activity Description	Grant Agreement Task
Clymo	Amelia S.	8/12/18	0.50			Meetings & Preparation for meetings-external	Reporting emissions
Clymo	Amelia S.	9/23/18	4.00			Meetings & Preparation for meetings-external	Reporting emissions
			4.50	\$108.91	\$ 490.10		
Kim	Seong	3/24/19	2.00			Emission Inventory-Stationary	Reporting emissions
Kim	Seong	7/29/18	3.00			Meetings & Preparation for meetings-external	Reporting emissions
Kim	Seong	8/12/18	3.00			Meetings & Preparation for meetings-external	Reporting emissions
Kim	Seong	2/24/19	1.00			Meetings & Preparation for meetings-external	Reporting emissions
Kim	Seong	3/10/19	4.00			Meetings & Preparation for meetings-external	Reporting emissions
Kim	Seong	4/7/19	2.00			Meetings & Preparation for meetings-internal	Reporting emissions
Kim	Seong	8/12/18	5.00			Travel Time	Reporting emissions
			20.00	\$ 61.10	\$ 1,222.00		
Subtotal for Task			24.50		\$ 1,712.10		
GRAND TOTALS - ALL TASKS			236.00		\$24,593.32		