



# California Air Resources Board Community Air Protection Program



*Reporting Period  
03/01/18 through 03/01/19*

The Santa Barbara County Air Pollution Control District (District) received a grant in fiscal year 2017-2018 from the California Air Resources Board (CARB) for \$124,432. The grant is to support the District’s implementation efforts in support of California Assembly Bill 617 goals and objectives. This report describes the District’s efforts in accomplishing those goals. In accordance with Grant Agreement G17-CAPP-28, the below report details the following sections: I. Grant Information, II. Associated Costs, III. Grant Utilization, IV. Summary of Work, V. Funds Remaining and Expended, VI. Expenditure Summary.

**I. Report number, title, name of Grantee, date of submission, and grant number**

- a. CAP Report 1
- b. Santa Barbara County Air Pollution Control District
- c. 06/25/19
- d. G17-CAPP-28

**II. Report costs associated with specific tasks**

Below is a table showing all District costs associated with AB 617 projects during the course of the reporting period.

<b>Summary</b>		
Cost code	Description	Cost
2403	Community Programs <ul style="list-style-type: none"> <li>• Outreach events</li> <li>• Community Group meetings</li> <li>• Bilingual surveys and data tracking</li> <li>• Public meetings to discuss goals and implementation efforts</li> </ul>	\$20,264.94
2503	Air Quality Planning <ul style="list-style-type: none"> <li>• Toxic emissions inventory</li> <li>• Partnering in AB617 CTR Regulation development</li> <li>• Inventory Reporting Regulation work-group</li> <li>• Purple Air Sensor deployment</li> </ul>	\$5,835.36
3405	Rules (BARCT) <ul style="list-style-type: none"> <li>• Research on six facilities subject to GHG program</li> <li>• Outreach to sources on BARCT impacts</li> <li>• Development of BARCT development schedule</li> <li>• AB617/BARCT public workshops</li> </ul>	\$63,404.31
8300	Purchase and deployment of Air Pointer monitoring device	\$108,194
6100	Engineering support on BARCT	\$399.25
6600	Engineering support on BARCT	\$837.95
	<b>TOTAL</b>	<b>\$198,935.80</b>

**III. Report how grant is being utilized to meet the goals of Assembly Bill 617. If applicable, include emission reductions being achieved**

AB617 directs CARB to establish the Community Air Protection Program to reduce exposure in communities most affected by air pollution. The goal is to prioritize air quality improvements in California's most polluted communities through enhanced monitoring and targeted deployment of cleaner technologies, with expanded community participation. While our District does not have any disadvantaged communities, we do have low-income communities where we are able to focus our efforts.

The District has been using a variety of avenues to meet the goals of AB617. We participated in seven public outreach events in low income communities throughout Santa Barbara County from April to June 2018 providing information in both English and Spanish, implemented a BARCT rule development schedule, purchased and installed a large number of Purple Air Sensors throughout the County, and have been continuously utilizing our Clean Air Grants Program to advertise and promote AB617. In addition, the District also purchased a portable air pointer for use throughout the District. The District's FY 2018-19 budget included \$50,000 of District funds allocated for the acquisition of the air pointer, with the additional \$50,000 being made available through the CARB Community Air Protection Program.

The District's participation in Earth Day events has been longstanding and AB617 added another element to our outreach efforts. To gain a better understanding of the public's concerns, the District developed bilingual surveys (English/Spanish) that ask for location details, allowing us to track responses from those members of the public in impacted communities. The surveys are also available on our webpage (see Section IV). We have received 505 surveys to date, with the public expressing concerns on a variety of air quality topics such as exhaust fumes from trucks/buses, asthmatic children, living in close proximity to heavy traffic, and wildfires. The District has compiled this data into a tracking sheet, which helps us focus our attention on specific areas of concern.

AB617 requires Districts to adopt an expedited rule development schedule for the implementation of BARCT (Best Available Retrofit Control Technology) at locations in our District that are subject to the California GHG Cap-and Trade program, of which we have a total of six. In response to statewide BARCT standards, the District participated in a working group to develop a technology clearinghouse. In December of 2018, the District Board of Supervisors approved our BARCT rule development schedule. This included proposed amendments to Rule 361, Small Boilers, Steam Generators and Process Heaters, and Rule 342, Control of Oxides of Nitrogen (NOx) from Boilers, Steam Generators and Process Heaters. These BARCT updates were on the agenda for approval at the June 20, 2019 District Board Hearing, and were approved without incident. We are also working on a statewide emission inventory reporting system, which will be presented to the CARB Board for approval later this year.

To help address community-level air monitoring concerns in impacted communities, the District set up a number of Purple Air Sensors throughout the County. All sensors that were deployed during this reporting period were given to the District by CARB. Beyond these gifted sensors, the District purchased 26 more outside of the reporting period and those costs will be reflected in the District's next report. Sensor locations are available here: <https://www.purpleair.com/map#9.68/34.7356/-120.2016>. These sensors are a valuable asset, allowing the District to monitor and evaluate the need for community specific emission reduction plans in impacted communities.

**IV. Summary of work completed and in progress since the last progress report**

The District developed a web page (<https://www.ourair.org/community-air/>) for stakeholders and the public. It contains background information, key elements of AB 617, the District's implementation efforts within our County, details of our BARCT schedule, and links to the bilingual surveys that were discussed in Section III, and we have highlighted the Year 2 Community Air Grant application. The District performs regular updates on the website to ensure visitors are receiving up to date information.

Public outreach events discussed in Section III represent just a portion of the Districts work implementing the goals AB617. The District has also formally presented our Clean Air Grants Program and AB617 efforts to the County of Santa Barbara Agricultural Advisory Committee, we organized an electric school bus demonstration for local school districts, we have issued news releases advertising AB617 and other Grant programs including advertising in the City of Santa Maria Chamber of Commerce newsletter. We created bilingual print and online surveys as well as advertise our Clean Air Grants Program, which includes our AB617 efforts, and held many public workshops discussing the benefits of AB617 to impacted communities. The District is also actively working on the AB617 CTR Regulation. We have participated in the CAPCOA AB617 Emission Inventory Reporting Regulation work-group, reviewed and commented on drafts of the AB617 CTR Regulation and 15-day changes, and refined the list of potential facilities in Santa Barbara County that may be subject to the CTR regulation.

**V. Grant funds remaining and expended; and benefitted**

- a. Total Implementation Funds: \$124,432.00
  - i. Expended funds: \$198,935.80
  - ii. Remaining funds: \$0

From March 01, 2018 through March 01, 2019, the District expended the entire Implementation Grant amount. A significant portion of those funds were used towards salaries (including overhead), while the remaining portion was used on public outreach materials, advertising, and the purchase and deployment of air monitoring devices associated with AB617.

**VI. Expenditure summary showing all Community Air Protection Program Implementation Funds for which reimbursement is being requested**

Section II provides a breakdown of District expenditures.

**CAP Annual Report (03/01/18 through 03/01/19)**  
**Santa Barbara County Air Pollution Control District**  
**Grant Number: G17-CAPP-28**

Cost Facility	Classification	Name	Earn Code	Hours	Actual Dollars	Burden		Hourly
						Dollars	Total Dollars	
2403	Community Programs Supervisor	Mary Byrd	REG	3.0	\$256.68	\$237.72	\$494.40	\$85.56
2403	Air Quality Specialist I	Emily Waddington	REG	11.0	\$624.03	\$592.83	\$1,216.86	\$56.73
2403	Air Quality Specialist III	Alexander Economou	REG	2.3	\$119.60	\$111.76	\$231.36	\$52.00
2403	Air Quality Engineer II	Timothy Mitro	REG	16.0	\$1,145.44	\$1,073.65	\$2,219.09	\$71.59
2403	Planning & Grants Supervisor	James Fredrickson	REG	18.5	\$1,578.61	\$1,464.06	\$3,042.67	\$85.33
2403	Division Supervisor	James Fredrickson	REG	27.5	\$2,721.68	\$2,632.60	\$5,354.28	\$98.97
2403	Division Manager	Molly Pearson	REG	40.5	\$3,985.35	\$3,720.93	\$7,706.28	\$98.40
2503	Air Quality Specialist III	Alexander Economou	REG	29.5	\$1,663.59	\$1,762.33	\$3,425.92	\$56.39
2503	Air Quality Engineer II	Timothy Mitro	REG	5.0	\$357.95	\$331.52	\$689.47	\$71.59
2503	Division Manager	Molly Pearson	REG	8.5	\$886.21	\$833.76	\$1,719.97	\$104.26
3405	Air Quality Engineer II	Timothy Mitro	REG	270.0	\$21,810.60	\$21,564.22	\$43,374.82	\$80.78
3405	Division Supervisor	James Fredrickson	REG	18.5	\$1,830.95	\$1,974.45	\$3,805.40	\$98.97
3405	Division Manager	Molly Pearson	REG	75.0	\$8,187.10	\$8,037.00	\$16,224.10	\$109.16
6100	Air Quality Engineer III	William Sarraf	REG	5.0	\$399.25	\$0.00	\$399.25	\$79.85
6600	Division Supervisor	David Harris	REG	4.0	\$429.72	\$408.23	\$837.95	\$107.43
8703	Air Quality Specialist I	Emily Waddington	REG	87.0	\$4,935.51	\$4,688.73	\$9,624.24	\$56.73
8703	Air Quality Specialist III	Alexander Economou	REG	47.8	\$2,709.31	\$2,573.84	\$5,283.15	\$56.68
8703	Air Quality Specialist III	Michael McKay	REG	23.0	\$1,768.70	\$1,826.38	\$3,595.08	\$76.90
8703	Air Quality Specialist III	Shing Ho	REG	3.0	\$170.19	\$161.68	\$331.87	\$56.73
8703	Planning & Grants Supervisor	James Fredrickson	REG	4.5	\$383.99	\$364.79	\$748.78	\$85.33
8703	Division Supervisor	James Fredrickson	REG	61.5	\$6,086.66	\$5,829.33	\$11,915.99	\$98.97
8703	Division Manager	Molly Pearson	REG	6.0	\$653.70	\$621.02	\$1,274.72	\$108.95
<b>Project Total:</b>				<b>767.1</b>	<b>\$62,704.80</b>	<b>\$60,810.83</b>	<b>\$123,515.63</b>	

Summary		Total Hours	Total Actual
Cost code	Description	767.1	\$62,704.80
2403	Community Programs	118.8	\$10,431.39
2503	Air Quality Planning	43.0	\$2,907.75
3405	Rules (BARCT)	363.5	\$31,828.64
6100	Engineering support on BARCT	5.0	\$399.25
6600	Engineering support on BARCT	4.0	\$429.72
8703	Grant Programs	232.8	\$16,708.06