

- i. **Report Number: 1**
Title: Annual Report
Name of Grantee: San Luis Obispo County Air Pollution Control District
Date of Submission: June 5th, 2019
Grant Number: G17-CAPP-27

ii. **Costs associated with specific tasks (See Excel Sheet for Details):**

ii. Report Costs Associated with Specific Tasks	BACT/BARCT Staff Time	\$19,649.00
	Monitoring Staff Time + Equipment Purchases	\$15,651.49
	General Staff Time	\$26,428.00

iii. **How is grant being utilized to meet the goals of Assembly Bill 617:**

This implementation grant funding is being used to implement the Oceano Community Monitoring Project. The goals of this project are congruent with the goals of AB617 as staff are selecting locations and deploying community air monitoring systems and improving community capacity to participate in the process. Also, staff are analyzing and determining if an expedited schedule for requiring best available retrofit control technology is necessary.

In March of 2018, a resident of Oceano nominated their community to the CAP Program. A lack of ambient air quality monitoring in Oceano was identified. Although Oceano was not one of the 10 communities selected by CARB, the San Luis Obispo County Air Pollution Control District (SLO County APCD) wanted to address this community concern and use the implementation funds to purchase, install, and manage particulate matter (PM) sensors in Oceano.

The SLO County APCD sought participation from the Oceano community to host monitors by attending community meetings and engaging with political leaders. We were able to secure host sites at the Oceano community Service District (OCSA) and at the homes of Oceano residents.

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

BACT/BARCT

SLO County APCD staff conducted BARCT evaluations of affected sources. APCD Staff's process involved:

- Identifying pollutants of concern and affected facilities and sources
- Screening out sources with limited potential emission reductions and sources not subject to the expedited schedule
- Documenting BARCT evaluations

SLO County APCD staff determined that all affected sources meet BACT and/or BARCT requirements, with no requirement for an expedited implementation schedule

Community Monitoring

The APCD will deploy 5 monitors throughout Oceano:

- One integrated portable station fitted with three monitors are located at the Oceano Community Service District: a low-cost sensor AirVisual air quality monitor, an FEM BAM 1020 PM sampler, and a Met One BX-895 Real Time Mass PM monitor, meteorological sensors and telemetry
- Two other AirVisual monitors will be located outside local residents' homes. Staff attended a community meeting in Oceano and asked for volunteers and received a healthy response of individuals who wished to help with the project.

A map of the monitors and real-time air quality information is currently underway and will be posted on our website soon (<https://www.slocleanair.org/air-quality/oceano-dunes-efforts/oceano-monitoring.php>). Staff are currently developing an algorithm to dynamically correct in near-real time the Air Visual's data relative to the FEM BAM which is a federal equivalent method for measuring PM concentrations. Data analysis and evaluation of the actual air quality impacts to residents of Oceano will follow.

Staff is planning to present work done so far on the Oceano Community Monitoring Project at the May 1st, 2019 Oceano Dunes Draft PM Reduction Plan Public Workshop which will be held in Arroyo Grande, CA at 6pm. During the presentation, staff will inform attendees of the following:

- Why is the APCD placing air monitors in Oceano?
- Where are the monitors located?
- What type of Monitors were deployed?
- How can I access the Oceano monitoring data?
- How does the Oceano Monitors compare to other SLOAPCD monitors?

Staff will create Spanish and English tri-fold brochures which summarized the presentation so attendees could take the information home.

General Staff Time

General staff time refers to discussions with all staff members and managers working on the implementation grant. This includes preliminary meetings to understand the grant and individual research on the program.

v. Grant funds remaining and expended (See Excel Sheet for Details):

v.	Funding Expended	\$61,728.49
	Funding Remaining	-\$15,586.49

vi. Expenditure summary showing all community air protection program implementation funds for which reimbursement is being requested (See Excel Sheet for Details):

APCD staff submitted an advanced payment request and a disbursement request and received payment in full (\$46,142) on 7/23/2018.

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v.	Funding Expended	\$61,728.49
	Funding Remaining	-\$15,586.49
vi. See Next Two Tabs for details	Reimbursement Requested and Received	\$46,142.00

AB 617 COMMUNITY FUNDING SUMMARY REPORT

YEAR 1: March 1, 2018 - March 1, 2019

	Grant Funds Available	\$46,142.00
ii. Report Costs Associated with Specific Tasks	BACT/BARCT Staff Time	\$19,649.00
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