

Agenda Date: October 18, 2018
Agenda Placement: Regular
Estimated Time: 10 minutes
Continued Item: No

Board Agenda Item

TO: Air Pollution Control District Board

FROM: Aeron Arlin Genet, Air Pollution Control Officer

CONTACT: Molly Pearson, Planning Division Manager (961-8838)

SUBJECT: Revised Grant Amount for Assembly Bill 617 Implementation

RECOMMENDATION:

Delegate authority to the Air Pollution Control Officer to execute a revised grant agreement with the California Air Resources Board, with an additional funding amount of approximately \$50,000, for Assembly Bill (AB) 617 implementation activities.

BACKGROUND:

On June 21, 2018 your Board adopted Resolution 18-12 that authorized the District's participation in CARB's Community Air Protection grant program, authorized the receipt of funds to implement AB 617 at a funding level of \$74,432, and delegated authority to the Air Pollution Control Officer to execute grant agreements with CARB for both the grant program and the implementation activities. The original CARB Grant Agreement G17-CAPP-28 can be found on our website at <https://www.ourair.org/wp-content/uploads/2018-06bd-d2-grant-capp-executed.pdf>.

DISCUSSION:

In September 2018 the District received notice that additional funding was available for the AB 617 implementation activities grant program, to assist the District in acquiring a portable air monitor.

The District has a robust air monitoring network that measures ambient air quality for multiple pollutants at stationary locations throughout Santa Barbara County. However, specific incidents or events may call for deployment of a portable air monitor. Examples include citizen complaints focused in certain areas, accidental releases, prescribed burns, and natural disasters.

District staff researched different types of portable air monitors and configurations, and has identified a specialized trailer-mounted system with multiple instruments that measures particulates (both PM10 and PM2.5), hydrogen sulfide (H2S), and meteorological conditions. The system has a flexible design so that additional instrumentation can be added in the future to monitor for different pollutants. The H2S instrument is the same model instrument that we use in our odor monitoring stations and is able to detect H2S down to 1 part per billion. The particulate instrument has the ability to measure PM10 and PM2.5 at the same time and provides data that is comparable to the quality of data we collect at our standard air monitoring stations. This system will be able to be deployed quickly to a secure location with power. The system also has the ability to store data and transmit it to the District in real-time.

This system is expected to cost less than \$100,000. The District's Fiscal Year (FY) 2018-19 budget includes an expenditure of \$50,000 towards portable air sensors. With the additional \$50,000 of funding being offered through the CARB Community Air Protection Program, the District would have full funding for this portable unit.

The recommended action will allow the Air Pollution Control Officer to enter into a revised grant agreement with CARB, which will in turn enable the District to acquire and deploy a portable air monitor for community health benefits. The District plans to develop a strategy to deploy the portable unit as needed for the types of events discussed above. Measured data from the portable unit will be made available on our website in real-time, so that agencies and the public can make informed decisions about how to protect their health and the health of others.

FISCAL IMPACTS:

Approval of the revised funding level will allow the receipt of an additional funding amount of approximately \$50,000 to supplement the purchase of a portable monitor, as part of AB 617 implementation activities, during FY 2018-19. The District is not required to provide any local matching funds to receive these additional CARB funds. CARB requires that the funds be liquidated within two years following execution of a grant agreement. The District's FY 2018-19 budget includes \$50,000 of District funds that was allocated for the acquisition of portable air sensors. The additional \$50,000 that is being made available through the CARB Community Air Protection Program will allow the District to purchase the portable air monitor described above, consistent with the goals and objectives of the District's approved budget for FY 2018-19.