



Monterey Bay Air Resources District **BOARD OF DIRECTORS MEETING**

WEDNESDAY, SEPTEMBER 18, 2019 – 1:30 P.M.

24580 SILVER CLOUD COURT, 3RD FLOOR, MONTEREY, CA, 93940

SUMMARY OF ACTIONS

1. CALL TO ORDER - The meeting was called to order by Chair McShane at 1:30 pm.

2. PLEDGE OF ALLEGIANCE

3. ROLL CALL

Present: Luis Alejo, Mary Ann Carbone, Zach Friend, Lowell Hurst, Fred Ledesma, Chris Lopez, Steve McShane, Jane Parker, Honor Spencer.

Absent: Anthony Botelho, Ryan Coonerty, John Phillips.

Adding of an item to the Regular Agenda regarding a situation arising after the posting of the agenda.

Motion: Move to add item to the Regular Agenda.

Action: Approve

Moved by Jane Parker, Seconded by Chris Lopez.

Motion passed unanimously.

4. PUBLIC COMMENT PERIOD – **None.**

5. REPORTS BY COMMITTEE CHAIRS ON COMMITTEE MEETINGS

- a. Budget, Personnel, and Nominating Committee
- b. Advisory Committee

6. COMMENTS AND REFERRALS FROM CHAIR AND BOARD MEMBERS

- **Lopez: Request for a report to the Board of Directors regarding emissions from wineries at its first meeting of 2020.**

7. REPORT FROM AIR POLLUTION CONTROL OFFICER

Richard Stedman, APCO, reported on the following;

Engineering

- District completed first round of meetings with a consultant assisting staff in updating the District's records retention schedule.
- On August 22, Engineering hosted a workshop for wastewater treatment facilities.
- On September 19, our Inspector, Bronwyn Nielson, will present at the annual Monterey County Environmental Compliance workshop.

Planning and Air Monitoring

- Phase II of the Monterey Bay Electric Vehicle Incentive Program launched on August 1.
- District signed a grant agreement for the Funding Agricultural Replacement Measures for Emissions Reductions (FARMER) Program which will provide \$1.25 million for the replacement of tractors and irrigation pumps with cleaner burning engines.

Outreach

- Two National Drive Electric events will be held in the District: Santa Cruz on September 14 and Monterey on September 21.
- District will have a booth at the Clean Energy Forum on Sept. 30th from 5:30 p.m. – 7:30 p.m at the Oldemeyer Center in Seaside.
- Plans will be underway with Adopt a Charger for a ribbon cutting ceremony for the EV charging station at Seacliff.

Other

- Leslie J. Girard, Counsel for the Board, introduced Brian Briggs as his alternate.

CONSENT AGENDA

Motion: Move approval of items on Consent Agenda.

Action: Approve

Moved by Luis Alejo, Seconded by Lowell Hurst.

Motion passed unanimously.

8. **Accepted and Filed** Summary of Actions for the August 21, 2019 Board of Directors Meeting
9. **Accepted and Filed** Report of Summary of Mutual Settlement Program Actions for August 2019
10. **RESOLUTION NO. 19-017: Adopted** a Resolution Authorizing the Air Pollution Control Officer to Enter into an Agreement with Caltrans District 5 for the Grid Connection of the Envision Solar 2020 DCFC EV Charge Stations at the North and Southbound Highway 101 Camp Roberts State Rest Areas in the Amount not to exceed \$150,000 Under the AB923 Plug-In Monterey Bay EV Infrastructure Program.
11. **Approved** Out-of-State Travel Request for the Air Pollution Control Officer (APCO) to Attend the 2019 National Association of Clean Air Agencies' (NACAA) Fall Board of Directors and Committee Chairs' Meeting in Washington DC

REGULAR AGENDA

- 12a. **Authorized** the APCO to Send a Letter of Opposition to USEPA Regarding EPA'S Proposed Rollback of California's Motor Vehicle Emission Standards

Motion: Direct APCO to write and send the letter and write a related op ed.

Action: Approve.

Moved by Luis Alejo, Seconded by Jane Parker.

Motion passed unanimously.

- 12b. **RESOLUTION NO. 19-018: Adopted** a Resolution Allocating \$2,029,600 to the FY20 AB2766 Motor Vehicle Emissions Reduction Grant Program and Authorize the Air Pollution Control

Officer to Grant up to \$2,029,600 from the FY20 AB2766 Motor Vehicle Emissions Reduction Grant Program to the List of FY20 AB2766 Final Grant Awards

Motion: Adopt the resolution.

Action: Approve.

Moved by Zach Friend, Seconded by Jane Parker.

Motion passed unanimously.

13. Consider Approval of a Letter of Opposition to AB 1714, Emission Limitations: Wine Fermentation
Bill not going forward at this time. No action taken.

14. **Received** a Presentation on AQ Treks, an Environmental Education Program for Middle and High School Classrooms

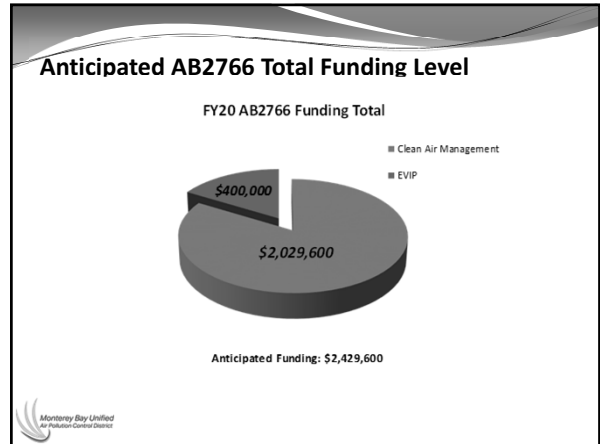
Receive presentation only; no action required or taken.

15. Adjournment – **The meeting was adjourned at 2:20**

Ann O'Rourke
Executive Assistant

FY20 AB2766 Grant Program

Presented to the Board of Directors
September 18, 2019
by:
Alan Romero, Air Quality Planner III



FY20 AB2766 Direct Emission Reduction Program

- **Clean Air Management Program ***
 - Monterey – 57%
 - Santa Cruz – 35%
 - San Benito - 8%

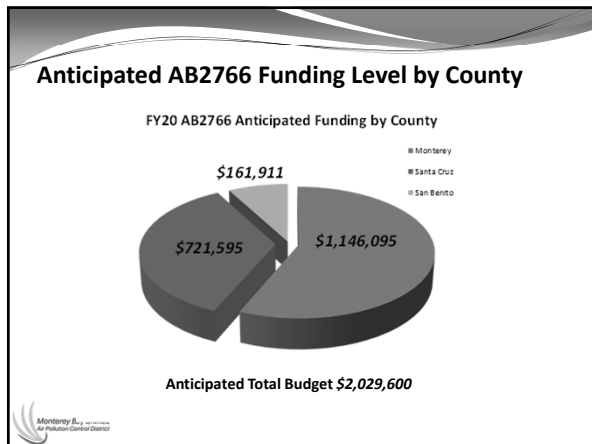
Population numbers taken from US Census 2018 estimates
* <https://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml>

- **Clean Vehicle Program**
 - EV Vouchers to Public Agencies
 - EV Incentives District wide to residents (MBEVIP)

FY20 AB 2766 – Clean Air Management Program

FY20 Applicant List: Direct Emission Reduction Projects

App No.	County	Applicant Name	Project Description	Grant Request, \$	C/E, \$/ton	Annual tons reduced
20-01	Monterey	MST	New Transit, Electric Bus	\$ 400,000	\$63,967	0.50
20-02	Monterey	City of Salinas	E-Fleet Replacement	\$ 400,000	\$123,239	0.28
20-03	Monterey	City of Gonzales	E-Fleet Replacement	\$ 189,382	\$16,900,133	0.001
20-04	Monterey	City of Monterey	Adaptive Signal Control	\$ 400,000	\$8,231.00	7.70
20-05	Monterey	City of King	Roundabout Enhancement	\$ 400,000	\$82,309.00	0.34
20-06	San Benito	San Benito County High School District	Electric Shuttle Replacement	\$ 175,300	\$3,217,275	0.004
20-07	San Benito	San Benito County High School District	Q25 Vehicle Replacement	\$ 65,450	\$611,489	0.01
20-08	Santa Cruz	City of Santa Cruz	E-Vanpool Replacement	\$ 202,365	\$1,473,435	0.01
20-09	Santa Cruz	Santa Cruz County	Adaptive Signal Control, Soquel	\$ 400,000	\$25,628.00	1.77
20-10	Santa Cruz	City of Capitola	Adaptive Signal Control, 41st Corridor	\$ 400,000	\$21,859.00	2.93
Grant Request Total				\$ 3,032,497.00		



C/E Calculation Method

Methods to Find the Cost-Effectiveness of Funding Air Quality Projects

For Evaluating Motor Vehicle Registration Fee Projects and Congestion Mitigation and Air Quality (CMAQ) Improvement Projects

**Emission Factor Tables
March 2018**

California Air Resources Board

FY20 AB 2766 – Clean Air Management Program

FY 20 Ranking List: Direct Emission Reduction Projects

App No.	County	Applicant Name	Project Description	Grant Request, \$	C/E, \$/ton	Annual tons reduced
20-04	Monterey	City of Monterey	Adaptive Signal Control	\$ 400,000	\$8,231	7.70
20-01	Monterey	MST	New Transit, Electric Bus	\$ 400,000	\$63,967	0.30
20-05	Monterey	City of King	Roundabout Enhancement	\$ 400,000	\$42,309	0.34
20-02	Monterey	City of Salinas	E-Fleet Replacement	\$ 400,000	\$123,259	0.26
20-03	Monterey	City of Gonzales	E-Fleet Replacement	\$ 189,382	\$16,900,133	0.081
20-07	San Benito	San Benito County High School District	G26 Vehicle Replacement	\$ 65,450	\$611,489	0.03
20-06	San Benito	San Benito County High School District	Electric Shuttle Replacement	\$ 175,300	\$9,217,275	0.004
20-10	Santa Cruz	City of Capitola	Adaptive Signal Control, 41st Corridor	\$ 400,000	\$21,859	2.83
20-09	Santa Cruz	Santa Cruz County	Adaptive Signal Control, Soquel	\$ 400,000	\$25,828	1.77
20-08	Santa Cruz	City of Santa Cruz	E-vanpool Replacement	\$ 202,365	\$1,473,435	0.01

Monterey Bay Unified Air Pollution Control District

AB2766 FY20: Staff Recommendations for Grant Projects

App No.	County	Applicant Name	Project Description	Grant Award	C/E, \$/ton	Annual tons reduced
20-04	Monterey	City of Monterey	Adaptive Signal Control	\$382,032	\$8,231.00	7.70 *90% funding
20-01	Monterey	MST	New Transit, Electric Bus	\$382,032	\$63,967	0.30 *90% funding
20-02	Monterey	City of Salinas	E-Fleet Replacement	\$382,032	\$123,259	0.26 *90% funding
20-06	San Benito	San Benito County High School District	Electric Shuttle Replacement	\$163,910	\$1,217,275	0.004
20-10	Santa Cruz	City of Capitola	Adaptive Signal Control, 41st Corridor	\$360,798	\$21,859.00	2.83 *90% funding
20-09	Santa Cruz	Santa Cruz County	Adaptive Signal Control, Soquel	\$360,798	\$25,828.00	1.77 *90% funding
Sub Total				\$2,026,600		

NOTE: * indicates a percentage between the County allocated amount and the individual project funding request


EV Voucher Incentive Replacement Program

20-21	Santa Cruz	County of Santa Cruz		\$0		
Sub Total				\$0		
Grand Total				\$2,026,600		
FY19 Budget				\$2,026,600		
Remaining Funds				\$0		

Monterey Bay Unified Air Pollution Control District





AQ Treks, an Environmental Education Program for Middle and High School Classrooms




David Frisbey
Planning and Air Monitoring Manager
September 18, 2019

AQ Treks Personal Air Monitor





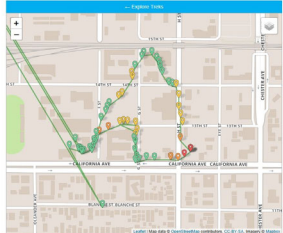


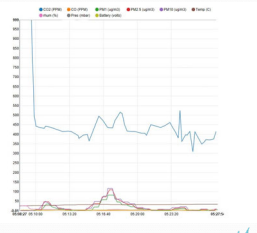
Regulatory Data		PAM Data	
PM, 2.5µm	3.0 UG/M3	PM, 2.5µm	N/A
PM, 10µm	7.0 UG/M3	PM, 10µm	N/A

AQ Treks Personal Air Monitor




Output





AQ Treks Personal Air Monitor

- 3 week rental - \$360
- Curriculum: Jr. High – College
- District Provides Outreach, Equipment Rental, and Training

Discussion and Questions... Get Ready to Trek!

