

Bay Area Air Quality Management District
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APPROVED MINUTES

Summary of Board of Directors
Mobile Source Committee Meeting
Thursday, January 25, 2018

1. CALL TO ORDER – ROLL CALL

Mobile Source Committee (Committee) Chairperson, Karen Mitchoff, called the meeting to order at 9:32 a.m.

Present: Chairperson Karen Mitchoff; Vice Chair Scott Haggerty; and Directors David J. Canepa, David Hudson, Tyrone Jue, Rebecca Kaplan, and Doug Kim.

Absent: Directors Carole Groom and Nate Miley.

Also Present: None.

2. PUBLIC COMMENT ON NON-AGENDA MATTERS

Public comments were given by Jan Warren, Interfaith Climate Action Network of Contra Costa County.

3. APPROVAL OF THE MINUTES OF DECEMBER 7, 2017

Public Comments:

No requests received.

Committee Comments:

None.

Committee Action:

Director Canepa made a motion, seconded by Director Hudson, to approve the Minutes of December 7, 2017; and the motion carried by the following vote of the Committee:

AYES: Canepa, Haggerty, Hudson, Jue, Kaplan, Kim, and Mitchoff.
NOES: None.

ABSTAIN: None.
ABSENT: Groom, and Miley.

4. PROJECTS AND CONTRACTS WITH PROPOSED GRANT AWARDS OVER \$100,000

Karen Schkolnick, Strategic Incentives Division Director, introduced Yu Zhang Liu, Staff Specialist, who gave the staff presentation *Projects with Proposed Awards Over \$100,000*, including: overview; Carl Moyer Program (CMP), Mobile Source Incentive Fund (MSIF), and Transportation Fund for Clean Air (TFCA); CMP Year 19; CMP and MSIF funds awarded as of January 4, 2018 and since 2009; TFCA funds awarded by project category and county; and recommendations.

Public Comments:

No requests received.

Committee Comments:

The Committee and staff discussed the equipment functions of funded projects; the request for a chart that shows levels of Particulate Matter (PM)_{2.5} and toxic air contaminants (TAC) broken down by county; the request that District staff work with the Metropolitan Transportation Commission to create a map of existing quick-charging electric vehicles (EV) stations along interstates, and then reach out to the areas that lack such infrastructure (and Chambers of Commerce) and explain to them the economic benefits of adding such infrastructure; problems that EV end-users experience with the vehicles themselves and with charging infrastructure. and how to effectively convey that feedback to the appropriate parties and stakeholders; the concern that Alameda County needs more quick-charging EV charging stations, and the Lowes store in Livermore as a potential EV charging site; the request that any apps, webpages, or social media posts about EV charging stations generated by the District be sent to the Board members; the suggestion that staff reaches out to local jurisdictions' Housing Authorities to let them know about District EV charging station grant opportunities; the rapid improvements to EV battery capacity and charging technology, and whether existing infrastructure can support the newer vehicles; the request that staff brings back to the Committee a presentation on current EV technology, how it is anticipated to evolve, and challenges that have been established; and the request for a list of she types of zero-emissions chargers that need to be deployed in the Bay Area.

Committee Action:

Vice Chair Haggerty made a motion, seconded by Director Kaplan, to approve of CMP projects requesting grant funding in excess of \$100,000, and authorize the Executive Officer/Air Pollution Control Officer (APCO) to execute grant agreements for the recommended projects; and the motion carried by the following vote of the Committee:

AYES: Canepa, Haggerty, Hudson, Jue, Kaplan, Kim, and Mitchoff.
NOES: None.

ABSTAIN: None.
ABSENT: Groom, and Miley.

5. PARTICIPATION IN YEAR 20 OF THE CARL MOYER PROGRAM AND APPROVAL OF THE 2018 CALTRAIN FUNDING PLAN

Ms. Schkolnick introduced Anthony Fournier, Air Quality Program Manager, who gave the staff presentation *Participation in Year 20 of the Carl Moyer Program and 2018 Caltrain Funding Plan*, including: overview; funding sources; CMP Year 20 Funding; 2018 Caltrain funding plan; and recommendations.

Public Comments:

No requests received.

Committee Comments:

The Committee and staff discussed the current status of the Caltrain electrification project, after its temporary postponement in February 2017.

Committee Action:

Vice Chair Haggerty made a motion, seconded by Director Kaplan, to approve a resolution authorizing the Air District's participation in Year 20 of the Carl Moyer Program and allocation of required match funding, and the 2018 funding plan for the Caltrain Project; and the motion carried by the following vote of the Committee:

AYES: Canepa, Haggerty, Hudson, Jue, Kaplan, Kim, and Mitchoff.
NOES: None.
ABSTAIN: None.
ABSENT: Groom, and Miley.

6. OVERVIEW OF AIR DISTRICT TRIP REDUCTION PROGRAMS

Ms. Schkolnick introduced Chengfeng Wang, Acting Program Manager, who gave the staff presentation *Overview of Air District Trip Reduction Programs*, including: overview; background; results of strategies to reduce emissions from passenger vehicles from 2008-2017; air quality benefits decline over time; passenger vehicle emissions relative to urban bus emissions from 2000 - 2020; cost-effectiveness limits; and challenges, opportunities, and options.

Public Comments:

No requests received.

Committee Comments:

The Committee and staff discussed the risk of basing emission levels from passenger vehicles on estimated car fleets, and not on the actual number of vehicles in a given area (as staff begins to implement AB 617), as low-income areas may not have an average car fleet, and people may incorrectly assume that vehicles are cleaner than they really are in low income areas, when in fact, those areas may have disproportionate shares of polluting vehicles; the cost- effectiveness cutoff on bike programs and shuttle projects; the request for staff to to promote anti-idling and trip-reduction programs at schools, to protect the susceptible health of children; the request for information on any driving directions apps that may exist, geared toward carpools; the need for the District to address the problem of first/last mile connections, as people continue to drive full round-trips, because they do not have a way to get to their destinations from public transit; the concern that the District will be phasing out the funding of shuttle projects, and the inefficiency of fixed route service programs; the need for a “Cash for Clunkers” program for trucks; effective ways to ensure that people are making their last mile connections; a request for a status update on what the District is planning for the next five years regarding shared autonomous vehicles and related apps for the public; the request for the District’s criteria for identifying shuttle routes, to ensure that whole trips are considered for cost-effectiveness of a shuttle, versus just the last mile of a trip; and the request for a staff presentation that shows how shuttle projects have performed, including trip-data, and project results.

Committee Action:

None; receive and file.

7. COMMITTEE MEMBER COMMENTS

Director Hudson expressed his desire to see the District’s Technology Implementation Office identify refueling station locations along Bay Area interstates. He also encouraged the District to reach out to the Contra Costa Transportation Authority, the GoMentum Station Connected Vehicle/Autonomous Vehicles Program in Concord and EV manufacturers to give them feedback regarding issues that end-users experience.

8. TIME AND PLACE OF NEXT MEETING

Thursday, February 22, 2018, Bay Area Air Quality Management District office, 375 Beale Street, 1st floor Board Room, San Francisco, CA 94105, at 9:30 a.m.

9. ADJOURNMENT

The meeting adjourned at 10:58 a.m.

/s/ Marcy Hiratzka
Marcy Hiratzka
Clerk of the Boards

