

BOARD MEETING DATE: September 6, 2019

AGENDA NO. 19

REPORT: Technology Committee

SYNOPSIS: The Technology Committee held a meeting on Friday, July 26, 2019. The following is a summary of the meeting.

RECOMMENDED ACTION:
Receive and file.

Judith Mitchell, Acting Chair
Technology Committee

MMM:psc

Committee Members

Present: Supervisor Lisa Bartlett (videoconference)
Mayor Judith Mitchell (videoconference)
Council Member Dwight Robinson

Absent: Council Member Joe Buscaino/Chair
Supervisor Janice Hahn
Supervisor V. Manuel Perez

Call to Order

Acting Chair Mitchell called the meeting to order at 12:09 p.m.

ACTION ITEMS:

1. Recognize Funds, Execute and Amend Agreements for Installation and Maintenance of Air Filtration Systems, and Reimburse General Fund for Administrative Costs

U.S. EPA is executing a Supplemental Environmental Project (SEP) and has asked South Coast AQMD to act as the SEP administrator to install and maintain air filtration systems at schools in environmental justice communities. This action is to recognize up to \$167,967 into the Air Filtration Fund (75). These actions are to also execute agreements to install and maintain air filtration systems in an amount not to exceed \$159,569, execute or amend access agreements with local school districts, amend contracts to purchase additional filters using unspent administrative funds, and reimburse the General Fund for administrative costs up to \$8,398 for SEP administration.

Mayor Mitchell asked if the amount of the SEP is enough for several schools. Staff responded that the funding is sufficient for one school and that the school closest to the World Oil facility is the likely candidate. Additional potential schools have also been identified in case installing filters at the closest school is not feasible.

Moved by Bartlett; seconded by Robinson; unanimously approved.

Ayes: Bartlett, Mitchell, Robinson

Noes: None

Absent: Buscaino, Hahn, Perez

2. Adopt Resolution Recognizing Funds for FY 2018-19 Carl Moyer State Reserve Program

In April 2019, CARB approved funding allocations for the FY 2018-19 Carl Moyer State Reserve Program using the same distribution and source categories as the previous year. The allocation for the South Coast AQMD is \$3,481,893, including 6.25% in administrative funds. The State Reserve funds must be used for off-road projects including construction, agricultural and industrial equipment that are eligible according to the 2017 Revisions of the Carl Moyer Program Guidelines. This action is to adopt a Resolution recognizing up to \$3.5 million in Carl Moyer State Reserve funds from CARB along with its terms and conditions for FY 2018-19.

Council Member Robinson inquired about the process with scrappage and replacement of equipment under the Carl Moyer Program. Staff explained the process of pre-inspecting the old equipment, the subsequent inspection of the replacement equipment, and the verification that the old equipment has been destroyed. Council Member Robinson also asked if there was a backlog with inspections, if there was adequate staffing and the duration of the process in general. Staff replied that due to heavy oversubscription for part of AB 134 funds, there was a 6- to 9-month cycle and although resources were not adequate at the time, AB 617 funds will allow for the hiring of additional resources. Bayron Gilchrist, General Counsel, and Mayor Mitchell indicated that Mayor Mitchell does not have a financial interest or conflict of interest, but Mayor Mitchell is required to note for the record that she is a member of CARB, which is involved in this item. Mayor Mitchell asked if State Reserve funding was primarily for off-road agricultural equipment. Staff explained that the State Reserve fund is focused primarily on off-road construction equipment; however, additional funding for off-road agricultural equipment is available under the Funding Agricultural Replacement Measures for Emission Reductions (FARMER) Program. Staff added that even with FARMER funding, off-road agricultural equipment is still severely underfunded due to the high demand.

Moved by Robinson; seconded by Bartlett; unanimously approved.

Ayes: Bartlett, Mitchell, Robinson

Noes: None

Absent: Buscaino, Hahn, Perez

INFORMATIONAL ITEM:

3. Renewable Transportation Fuel From Pyrolysis

Staff presented a status report on the KORE Infrastructure project that is intended to demonstrate a commercial scale pyrolysis system that converts various waste biomass feedstock into renewable natural gas and renewable hydrogen.

Mayor Mitchell asked if KORE's focus was on renewable natural gas (RNG) or renewable hydrogen production. Staff responded that this is a field test, and KORE will be assessing the viability of producing either or both renewable transportation fuels. KORE has expressed an interest in renewable hydrogen as they believe it will result in a higher economical value if the renewable hydrogen pathway is determined to have a lower carbon intensity and will subsequently generate more low carbon fuel standard and renewable identification number credits. SoCalGas has expressed an interest in both fuels. The RNG injected into their pipeline would help "decarbonize" their natural gas supply. Mayor Mitchell also asked if there is a plan to identify a permanent site. Staff responded that as part of the Rialto (commercial site) closure, KORE was to show reasonable further progress on the feasibility of their technology and identify a new commercial site. KORE has not yet provided a commercial location. Staff expects that KORE will want to remain at the SoCalGas Olympic site but SoCalGas is waiting until the outcome of the field testing at that site. Supervisor Bartlett also inquired about the expected capacity of the Olympic site project. Staff responded that the Olympic site is currently a field test project that is not intended or designed for any substantive production of fuels. The efforts, in general, focus on the testing of various feedstocks and monitoring various operating parameters to determine how they affect product.

Supervisor Bartlett asked about the timeline for the project. Staff responded that KORE expects construction efforts to be completed by the end of September. Following construction, the process will undergo commissioning to ensure all systems are functioning properly and responding to controls, and then testing.

OTHER MATTERS:

4. Other Business

There was no other business.

5. Public Comment Period

There were no public comments.

6. Next Meeting Date

The next regular Technology Committee meeting is scheduled for Friday, September 20, 2019 at noon.

Adjournment

The meeting adjourned at 12:37 p.m.

Attachment

Attendance Record

ATTACHMENT

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
TECHNOLOGY COMMITTEE MEETING
Attendance Record – July 26, 2019**

Supervisor Lisa Bartlett (videoconference).....	SCAQMD Board Member
Mayor Judith Mitchell (videoconference).....	SCAQMD Board Member
Council Member Dwight Robinson	SCAQMD Board Member
Andy Silva.....	Board Consultant (Rutherford)
Bridget McCann	Western States Petroleum Association
Susan Stark	Marathon Petroleum
Tammy Yamasaki.....	Southern California Edison
Sam Cao	SCAQMD Staff
Bayron Gilchrist	SCAQMD Staff
Ping Gui.....	SCAQMD Staff
Joseph Impullitti	SCAQMD Staff
Victor Juan	SCAQMD Staff
Patricia Kwon	SCAQMD Staff
Megan Lorenz.....	SCAQMD Staff
Matt Miyasato.....	SCAQMD Staff
Wayne Nastri	SCAQMD Staff
Jennifer Nordback	SCAQMD Staff
Penny Shaw Cedillo	SCAQMD Staff
Walter Shen	SCAQMD Staff
Veronica Sosa.....	SCAQMD Staff
Laki Tisopulos	SCAQMD Staff
Jill Whynot	SCAQMD Staff
Paul Wright.....	SCAQMD Staff
Alyssa Yan	SCAQMD Staff
Vasken Yardemian	SCAQMD Staff
Adan Velasco	SCAQMD Staff
Fan Xu	SCAQMD Staff