



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

**BOARD OF DIRECTORS
MEETING
March 16, 2022**

**THIS MEETING WILL BE CONDUCTED UNDER PROCEDURES AUTHORIZED BY
ASSEMBLY BILL 361**

- **THE PUBLIC MAY OBSERVE THIS MEETING THROUGH THE WEBCAST BY
CLICKING THE LINK AVAILABLE ON THE AIR DISTRICT’S AGENDA WEBPAGE
AT**

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- **THE PUBLIC MAY PARTICIPATE REMOTELY VIA ZOOM AT THE FOLLOWING
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<https://bayareametro.zoom.us/j/84914748872>

(669) 900-6833 or (408) 638-0968

WEBINAR ID: 849 1474 8872

- **THOSE PARTICIPATING BY PHONE WHO WOULD LIKE TO MAKE A COMMENT
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THE FULL ZOOM EXPERIENCE, PLEASE MAKE SURE YOUR APPLICATION IS UP
TO DATE**

BOARD OF DIRECTORS MEETING AGENDA

WEDNESDAY, MARCH 16, 2022
9:00 AM

Chairperson, Karen Mitchoff

1. **Call to Order - Roll Call**
2. **Pledge of Allegiance**
3. **Public Meeting Procedure**

The Board Chair shall call the meeting to order and the Clerk of the Boards shall take roll of the Board members.

This meeting will be webcast. To see the webcast, please visit www.baaqmd.gov/bodagendas at the time of the meeting. Closed captioning may contain errors and omissions and are not certified for their content or form.

***Public Comment on Agenda Items:** The public may comment on each item on the agenda as the item is taken up. Members of the public who wish to speak on matters on the agenda for the meeting, will have two minutes each to address the Board. No speaker who has already spoken on that item will be entitled to speak to that item again.*

CLOSED SESSION

4. Public Employee Performance Evaluation Pursuant to Government Code Section 54957 (b)(1)

Title: Chief Executive Officer/Air Pollution Control Officer

5. Public Employee Performance Evaluation Pursuant to Government Code Section 54957 (b)(1)

Title: Acting District Counsel

OPEN SESSION

CONSENT CALENDAR (Items 6 - 16)

6. Approval of the Minutes of March 2, 2022

The Board of Directors will consider approving the draft minutes of the Board of Directors meeting of March 2, 2022.

7. Board Communications Received from March 2, 2022 through March 15, 2022

A copy of communications directed to the Board of Directors received by the Air District from March 2, 2022, through March 15, 2022, if any, will be distributed to the Board Members by way of email.

8. Air District Personnel on Out-of-State Business Travel

In accordance with Section (b) of the Air District Administrative Code, Fiscal Policies and Procedures Section, the Board is hereby notified that the attached memorandum lists Air District personnel who have traveled on out-of-state business in the preceding months.

9. Quarterly Report of the Executive Office and Division Activities for the Months of October 2021 - December 2021

This is an informational item only.

10. Quarterly Report of California Air Resources Board Representative - Honorable Davina Hurt

This is an informational item only.

11. Authorization to a Multi-Year Contract Agreement with IT Help, LLC

Recommend the Board of Directors authorize the Executive Officer/APCO to enter into a multi-year contract agreement with IT Help, LLC, in an amount not to exceed \$260,000

12. Notices of Violations Issued and Settlements in Excess of \$10,000 in the Month of January 2022

In accordance with Resolution No. 2012-08, the Board of Directors will receive a list of all Notices of Violations issued, and all settlements for amounts in excess of \$10,000 during the month of January 2022.

13. Report of the Stationary Source Committee Meeting of February 28, 2022

The Board of Directors will receive a report of the Stationary Source Committee Meeting of February 28, 2022.

14. Report of the Path to Clean Air Community Emissions Reduction Plan Community Steering Committee Meeting of February 28, 2022

The Board of Directors will receive a report of the Path to Clean Air Community Emissions Reduction Plan Community Steering Committee Meeting of February 28, 2022.

15. Report of the Community Equity, Health and Justice Committee Meeting of March 3, 2022

The Board of Directors will receive a report of the Community Equity, Health and Justice Committee Meeting of March 3, 2022.

16. My Air Online Software Development Contract Extensions

Request the Board of Directors authorize the Executive Officer/APCO to execute contract amendments, in an amount not to exceed \$3,070,775.

PRESENTATION

17. Introduction to a Hybrid Board Meeting Environment

This is an informational item only and will be presented by Rex Sanders, Chief Administrative Officer.

OTHER BUSINESS

18. Public Comment on Non-Agenda Matters

Pursuant to Government Code Section 54954.3

Members of the public who wish to speak on matters not on the agenda for the meeting, will have two minutes each to address the Board.

19. Board Member Comments

Any member of the Board, or its staff, on his or her own initiative or in response to questions posed by the public, may: ask a question for clarification, make a brief announcement or report on his or her own activities, provide a reference to staff regarding factual information, request staff to report back at a subsequent meeting concerning any matter or take action to direct staff to place a matter of business on a future agenda. (Gov't Code § 54954.2)

20. Report of the Executive Officer/APCO

21. Chairperson's Report

22. Time and Place of Next Meeting

Wednesday, April 6, 2022, at 9:00 a.m., via webcast, pursuant to procedures in accordance with Assembly Bill 361.

23. Adjournment

The Board meeting shall be adjourned by the Board Chair.

CONTACT:

MANAGER, EXECUTIVE OPERATIONS
375 BEALE STREET, SAN FRANCISCO, CA 94105
vjohnson@baaqmd.gov

(415) 749-4941
FAX: (415) 928-8560
BAAQMD homepage:
www.baaqmd.gov

- Any writing relating to an open session item on this Agenda that is distributed to all, or a majority of all, members of the body to which this Agenda relates shall be made available at the Air District's offices at 375 Beale Street, Suite 600, San Francisco, CA 94105, at the time such writing is made available to all, or a majority of all, members of that body.

Accessibility and Non-Discrimination Policy

The Bay Area Air Quality Management District (Air District) does not discriminate on the basis of race, national origin, ethnic group identification, ancestry, religion, age, sex, sexual orientation, gender identity, gender expression, color, genetic information, medical condition, or mental or physical disability, or any other attribute or belief protected by law.

It is the Air District's policy to provide fair and equal access to the benefits of a program or activity administered by Air District. The Air District will not tolerate discrimination against any person(s) seeking to participate in, or receive the benefits of, any program or activity offered or conducted by the Air District. Members of the public who believe they or others were unlawfully denied full and equal access to an Air District program or activity may file a discrimination complaint under this policy. This non-discrimination policy also applies to other people or entities affiliated with Air District, including contractors or grantees that the Air District utilizes to provide benefits and services to members of the public.

Auxiliary aids and services including, for example, qualified interpreters and/or listening devices, to individuals who are deaf or hard of hearing, and to other individuals as necessary to ensure effective communication or an equal opportunity to participate fully in the benefits, activities, programs, and services will be provided by the Air District in a timely manner and in such a way as to protect the privacy and independence of the individual. Please contact the Non-Discrimination Coordinator identified below at least three days in advance of a meeting so that arrangements can be made accordingly.

If you believe discrimination has occurred with respect to an Air District program or activity, you may contact the Non-Discrimination Coordinator identified below or visit our website at www.baaqmd.gov/accessibility to learn how and where to file a complaint of discrimination.

Questions regarding this Policy should be directed to the Air District's Non-Discrimination Coordinator, Suma Peesapati, at (415) 749-4967 or by email at speesapati@baaqmd.gov.

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

375 BEALE STREET, SAN FRANCISCO, CA 94105

FOR QUESTIONS PLEASE CALL (415) 749-4941

EXECUTIVE OFFICE:

MONTHLY CALENDAR OF AIR DISTRICT MEETINGS

MARCH 2022

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Special Meeting	Friday	11	2:30 p.m.	Webcast only pursuant to Assembly Bill 361
Board of Directors Legislative Committee	Monday	14	1:00 p.m.	Webcast only pursuant to Assembly Bill 361
Board of Directors Special Meeting as the Sole Member of the Bay Area Clean Air Foundation	Wednesday	16	8:30 a.m.	Webcast only pursuant to Assembly Bill 361
Board of Directors Meeting	Wednesday	16	9:00 a.m.	Webcast only pursuant to Assembly Bill 361
Board of Directors Administration Committee	Wednesday	16	1:00 p.m.	Webcast only pursuant to Assembly Bill 361
Board of Directors Stationary Source and Climate Impacts Committee	Monday	21	9:00 a.m.	Webcast only pursuant to Assembly Bill 361
Path to Clean Air Community Emissions Reduction Plan Steering Committee	Monday	21	5:30 p.m.	Webcast only pursuant to Assembly Bill 361
Board of Directors Budget and Finance Committee	Wednesday	23	9:30 a.m.	Webcast only pursuant to Assembly Bill 361
Board of Directors Mobile Source and Climate Impacts Committee	Thursday	24	9:30 a.m.	Webcast only pursuant to Assembly Bill 361
Community Advisory Council Committee	Wednesday	30	6:00 p.m.	Webcast only pursuant to Assembly Bill 361

APRIL 2022

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Meeting	Wednesday	6	9:00 a.m.	Webcast only pursuant to Assembly Bill 361
Board of Directors Community Equity, Health and Justice Committee	Thursday	7	9:30 a.m.	Webcast only pursuant to Assembly Bill 361
Board of Directors Legislative Committee	Monday	11	1:00 p.m.	Webcast only pursuant to Assembly Bill 361
Advisory Council Meeting	Monday	11	8:30 a.m.	Webcast only pursuant to Assembly Bill 361
Board of Directors Stationary Source and Climate Impacts Committee	Monday	18	9:00 a.m.	Webcast only pursuant to Assembly Bill 361
Board of Directors Meeting	Wednesday	20	9:00 a.m.	Webcast only pursuant to Assembly Bill 361
Board of Directors Administration Committee	Wednesday	20	1:00 p.m.	Webcast only pursuant to Assembly Bill 361
Path to Clean Air Community Emissions Reduction Plan Steering Committee	Monday	25	5:30 p.m.	Webcast only pursuant to Assembly Bill 361
Board of Directors Budget and Finance Committee	Wednesday	27	9:30 a.m.	Webcast only pursuant to Assembly Bill 361
Board of Directors Mobile Source and Climate Impacts Committee	Thursday	28	9:30 a.m.	Webcast only pursuant to Assembly Bill 361

VJ 3/10/2022 – 8:40 A.M.

G/Board/Executive Office/Moncal

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
Memorandum

To: Chairperson Karen Mitchoff and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: March 16, 2022

Re: Approval of the Minutes of March 2, 2022

RECOMMENDED ACTION

Approve the attached draft minutes of the Board of Directors meeting of March 2, 2022.

BACKGROUND

None.

DISCUSSION

Attached for your review and approval are the draft minutes of the Board of Directors Meeting of March 2, 2022.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Marcy Hiratzka
Reviewed by: Vanessa Johnson

ATTACHMENTS:

1. Draft Minutes of the Board of Directors Meeting of March 2, 2022

Bay Area Air Quality Management District
375 Beale Street, Suite 600
San Francisco, CA 94105
(415) 749-5073

Board of Directors Regular Meeting
Wednesday, March 2, 2022

DRAFT MINUTES

Note: Audio recordings of the meeting are available on the website of the Bay Area Air Quality Management District at www.baaqmd.gov/bodagendas

This meeting was conducted under procedures in accordance with Assembly Bill 361. Members of the Board of Directors participated by teleconference.

CALL TO ORDER

1. **Opening Comments:** Board of Directors (Board) Chairperson, Karen Mitchoff, called the meeting to order at 9:00 a.m.

Roll Call:

Present: Chairperson Karen Mitchoff; Vice Chairperson John Bauters; Secretary Davina Hurt; and Directors Margaret Abe-Koga, Teresa Barrett, David Canepa, Cindy Chavez, Rich Constantine, John Gioia, Carole Groom, Erin Hannigan, David Haubert, Lynda Hopkins, David Hudson, Tyrone Jue, Myrna Melgar, Nate Miley, Rob Rennie, Katie Rice, Mark Ross, Brad Wagenknecht, Shamann Walton, and Lori Wilson.

Absent: Director Pauline Russo Cutter.

2. **Pledge of Allegiance**
3. **Public Meeting Procedure**

CONSENT CALENDAR (Items 4 – 15) (ITEMS TAKEN OUT OF ORDER)

Chair Mitchoff **pulled Item 10** from the Consent Calendar, as Air District staff wished to provide the Board with a presentation and discussion.

4. Continuation of Remote Teleconferencing per Assembly Bill (AB) 361 (Rivas)
5. Approval of the Minutes of February 16, 2022
6. Board Communications Received from February 2, 2022, through March 1, 2022
7. Air District Personnel on Out-of-State Business Travel
8. Projects and Contracts with Proposed Grant Awards Over \$100,000

9. Referral of Proposed Budget for Fiscal Year Ending (FYE) 2023 to the Budget and Finance Committee
10. Set a Public Hearing for April 6, 2022, to Consider Adoption of Proposed New Regulation 13: Climate Pollutants, Rule 5: Industrial Hydrogen Plants and amendments to Regulation 8: Organic Compounds, Rule 2: Miscellaneous Operations, and Certification of an Environmental Impact Report for Rule 13-5 and Approval to File a Notice of Exemption for Rule 8-2 Pursuant to the California Environmental Quality Act (**OUT OF ORDER, ITEM 11**)
11. Report of the Advisory Council Meeting of February 14, 2022 (**ITEM 12**)
12. Report of the Legislative Committee Meeting of February 14, 2022 (**ITEM 13**)
13. Report of the Administration Committee Meeting of February 16, 2022 (**ITEM 14**)
14. Report of the Budget and Finance Committee Meeting of February 23, 2022 (**ITEM 15**)

Public Comments for Items 4-9, and 11-15

No requests received.

Board Comments for Items 4-9, and 11-15

Chair Mitchoff requested that the resolution language pertaining to Item 4 be changed from "...Re-Authorizing Remote Teleconference Meetings of the Legislative Bodies of the Air District for the Period of March 6, 2022, to April 6, 2022" to "...Re-Authorizing Remote Teleconference Meetings of the Legislative Bodies of the Air District for the Period March 6, 2022 to April 1, 2022."

Board Action for Items 4-9, and 11-15

Director Hudson made a motion, seconded by Director Wilson, to **approve** Consent Calendar Items 4 through 9 and 11 through 15; and the motion **carried** by the following vote of the Board:

AYES: Abe-Koga, Barrett, Bauters, Canepa, Chavez, Gioia, Groom, Hannigan, Haubert, Hopkins, Hudson, Hurt, Jue, Miley, Mitchoff, Rennie, Rice, Ross, Wagenknecht, Walton, Wilson.

NOES: None.

ABSTAIN: None.

ABSENT: Constantine, Cutter, Melgar.

15. Authorization for Four Contracts for the Bay Area Healthy Homes Initiative, Funded by \$2 Million from California Attorney General's Office Automobile Emissions Research and Technology Fund Grant (**ITEM 10**)

Jack P. Broadbent, Executive Officer/Air Pollution Control Officer (APCO), introduced Greg Nudd, Deputy APCO of Policy, who introduced Dr. Idania Zamora, Assistant Manager of Planning & Climate Protection, who gave the staff presentation *Bay Area Healthy Homes Initiative*, including: outline; Contra Costa County's asthma mitigation project; Bay Area Healthy Homes Initiative; program overall need; participant selection; program services and partners; program funding and targets; and feedback requested/prompt.

Public Comments on Item 10

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

NOTED PRESENT: Directors Constantine and Melgar were noted present at 9:32 a.m.

Board Comments for Item 10

The Board and staff discussed concerns regarding the criteria requiring participants to live less than 1,000 feet from major transportation sources; whether the initiative’s definition of “disadvantaged communities” includes areas that experience episodic ozone and Particulate Matter emissions, and whether such areas can be included if they are currently excluded; whether the Air District may combine funding resources (this initiative and the Air District’s Wood Smoke Reduction Incentive Program); the request that Air District staff sends participation/application links to the Board members who serve Contra Costa and Alameda County jurisdictions; whether the Air District will have access to participant demographic data; the need to remember that asthma is a chronic disease, and that people who do not have symptoms today may develop them in the future; and the request for a status update for the Board in six months.

Board Action for Item 10

Director Gioia made a motion, seconded by Director Miley, to **approve** Consent Calendar Item 10; and the motion **carried** by the following vote of the Board:

- AYES: Abe-Koga, Barrett, Bauters, Canepa, Chavez, Gioia, Groom, Hannigan, Haubert, Hopkins, Hudson, Hurt, Jue, Melgar, Miley, Mitchoff, Rennie, Rice, Ross, Wagenknecht, Walton, Wilson.
- NOES: None.
- ABSTAIN: Constantine.
- ABSENT: Cutter.

PRESENTATION

16. Current Legislation on Potential Amendments to the Brown Act

Alan Abbs, Legislative Officer, gave the staff presentation *Potential Amendments to the Brown Act*, including: outcome; outline; requested action; background on The Brown Act; background on AB 361; AB 1944 (Lee); AB 2449 (Rubio & Blanca); and Senate Bill (SB) 1100 (Cortese).

Public Comments

No requests received.

Board Comments

The Board and staff discussed concerns regarding/the request for clarification from Assembly member Lee about the definitions of “pubic” and “private” within AB 1944; concerns about entities moving towards practices that would end the current state of (pandemic) emergency; and concerns about potential scheduling burdens that could be caused by AB 2449, and whether the Board should adopt a position of opposition at this time.

Board Action

Vice Chair Bauters made a motion, seconded by Director Hopkins, to **adopt** a position of **SUPPORT (with request for clarification of the definitions of “public” and “private”)** for AB 1944 (Lee); and **send** a letter of concern/neutrality to the authors of AB 2449, providing feedback as to how its language could be problematic for public agencies; and the motion **carried** by the following vote of the Board:

- AYES: Abe-Koga, Barrett, Bauters, Canepa, Chavez, Constantine, Gioia, Groom, Hannigan, Hopkins, Hudson, Hurt, Jue, Melgar, Miley, Mitchoff, Rennie, Rice, Ross, Wagenknecht, Walton, Wilson.
- NOES: None.
- ABSTAIN: None.
- ABSENT: Cutter, Haubert.

OTHER BUSINESS

17. Public Comment on Non-Agenda Matters

Public comments were given by Bob Brown, Western States Petroleum Association.

18. Board Members’ Comments

Vice Chair Bauters acknowledged the female members of Board and Air District staff for their leadership, in observance of Women’s History Month (March).

Director Melgar announced that at the March 1, 2022, San Francisco County Board of Supervisors meeting, she introduced “The Healthier, Cleaner, Quieter Communities Act” which includes the banning of gas-powered landscaping equipment.

Director Hopkins announced that the Northern Sonoma County Air Pollution Control District is planning an electric tractor showcase and asked if the Air District wished to co-sponsor the event.

19. Report of the Executive Officer/APCO

Mr. Broadbent announced that the April 6, 2022, Board meeting will be a hybrid format at the Bay Area Metro Center; both in person *and* virtually. He added that the Association of Bay Area Governments and Metropolitan Transportation Commission will also hold hybrid meetings at the Bay Area Metro Center (in March), and that the Board will receive a more detailed presentation on this issue at its March 16, 2022, meeting.

20. **Chairperson's Report**

Chair Mitchoff announced the following:

- As of mid-February, Air District staff has ceased to poll for Board and committee meetings.
- The next time that the Board members convene for a public meeting, they will be doing so as the Sole Member of the Bay Area Clean Air Foundation, on March 16, 2022, at 8:30 a.m., prior to the March 16, 2022, Board meeting at 9:00 a.m.
- Director Hudson is new Vice Chairperson for the Mobile Source & Climate Impacts Committee.
- There is room for new members on the Budget & Finance Committee.

21. **Time and Place of Next Meeting**

Wednesday, March 16, 2022, at 9:00 a.m., via webcast, pursuant to procedures in accordance with Assembly Bill 361.

22. **Adjournment**

The meeting adjourned at 10:10 a.m.

Marcy Hiratzka
Clerk of the Boards

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
Memorandum

To: Chairperson Karen Mitchoff and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: March 16, 2022

Re: Board Communications Received from March 2, 2022 through March 15, 2022

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

None.

DISCUSSION

Copies of communications directed to the Board of Directors received by the Air District from March 2, 2022, through March 15, 2022, if any, will be distributed to the Board Members by way of email.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Justine Buenafior
Reviewed by: Vanessa Johnson

ATTACHMENTS:

None

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
Memorandum

To: Chairperson Karen Mitchoff and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: March 16, 2022

Re: Air District Personnel on Out-of-State Business Travel

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

In accordance with Section 5.4 (b) of the District’s Administrative Code, Fiscal Policies and Procedures Section, the Board is hereby notified of District personnel who have traveled on out-of-state business. The report covers out-of-state business travel for the month of February 2022. The monthly out-of-state business travel report is presented in the month following travel completion.

DISCUSSION

There were no out-of-state business travel activities that occurred in the month of February 2022.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Stephanie Osaze
Reviewed by: Jeff McKay

ATTACHMENTS:

None

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
Memorandum

To: Chairperson Karen Mitchoff and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: March 16, 2022

Re: Quarterly Report of the Executive Office and Division Activities for the Months of
October 2021 - December 2021

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

None.

DISCUSSION

Attached is the Quarterly Report of the Executive Office and Division activities for the months
of October 2021 - December 2021

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Aloha de Guzman
Reviewed by: Vanessa Johnson

ATTACHMENTS:

1. Fourth Quarter Report for the Months of October 2021 - December 2021

**ADMINISTRATIVE RESOURCES DIVISION
M. MARTINEZ, DIRECTOR**

Human Resources

The Human Resources (HR) Office conducted 12 recruitments including exams for: Air Quality Engineer I/II, Assistant Manager, Board Operations Officer, Manager, Senior Advanced Projects Advisor (2), Assistant Staff Specialist I/II, Senior Air Quality Engineer, Senior Air Quality Technician, Staff Specialist I/II, Supervising Air Quality Engineer, and Temporary Staff Specialist I/II. The HR Office offered 49 wellness/fitness classes and 12 group training sessions, including: Inclusive Hiring (3), Distributed Work Policy for Leaders (2), Distributed Work Policy for Staff (4), Microsoft Project, Finding the Facts: Employee Misconduct & Disciplinary Investigations, and A Guide to Implementing Public Employee Discipline. In addition, nine (9) employees utilized individual training courses and educational reimbursements. The HR Office continues to administer payroll, benefits, safety/worker's compensation, and labor/employee relations. There were 14 new employees, 18 promotions, and six (6) separations from October 2021 to December 2021. There are currently 399 regular employees, eight (8) temporary employees, and 46 budgeted vacant positions.

Business Office

The Business Office issued 526 purchase orders and executed 108 contracts. There were three (3) Requests for Proposals/Qualifications issued during this period.

Fleet and Facilities Office

Fleet services disposed of zero (0) vehicles, acquired zero (0) vehicles, and processed three (3) vehicles for body shop repairs and sent forty-three (43) vehicles for maintenance. There were twenty-one (21) vehicle requests of which zero (0) were pool vehicles and twenty-one (21) were Enterprise car rentals. Zero (0) cancellations were received. Fleet currently maintains one hundred twenty-six (126) vehicles: three (3) electric, one (1) hydrogen fuel cell, eighty-six (86) plug-in hybrids, thirteen (13) hybrids, twenty-two (22) gas, and one (1) diesel.

Facilities received fifty-two (52) Angus requests and completed one hundred-twenty-one (121) ad-hoc projects/tasks (with includes eighty-three (83) offices, garages, rooftop equipment sites, trailers and similar). Two (2) furniture orders were facilitated. Facilities also performs daily maintenance of the coffee machines, replenishes coffee and tea supplies in the Air District coffee bar and pantries, and replenishes office supplies in the copy/supply rooms.

**COMPLIANCE AND ENFORCEMENT DIVISION
J. GOVE, DIRECTOR**

Enforcement Program

Air District staff documented 269 air pollution violations that resulted in Notice of Violations (NOV) and responded to 729 general air pollution complaints. These activities addressed noncompliance with applicable Federal, State, and Air District regulations, and provided a mechanism for the public to voice their concerns about air pollution issues that might be in noncompliance status. Additionally, highlighted enforcement activities for the quarter are as follows:

On October 6, 2021, staff participated in the quarterly meeting of the California Air Pollution Control Officers Association's (CAPCOA) Enforcement Managers meeting, during which the transition to the Chair and Vice Chair appointed for 2022 took place. Subsequently, on October 6, 2021, and October 7, 2021, staff participated in the CAPCOA Enforcement Symposium both as attendants and members of one of the several panels presented during the event.

On October 15, 2021, and October 21, 2021, staff issued Notices of Violations (NOVs) to two unpermitted aviation fuel dispensaries at Reid Hillview Airport, San Jose. The violations were discovered during an audit of aviation fueling equipment located in and around the County-owned airport. Aviation fuel, used in small aircraft, has been the subject of much controversy in the South Bay because it contains lead and higher levels of the toxic substance has been found in children living near the airport. Santa Clara County will be taking control of the privately held aviation fueling facilities in 2022.

On October 21, 2021, staff participated in the quarterly South Bay Odor Stakeholders Group meeting. Republic Services personnel presented an update on Newby Island's Material Recovery Facility (MRF) modifications. Staff presented an update on the odor complaints in the Milpitas area received this year by the Air District. The next meeting is scheduled for January 20, 2022.

On October 21, 2021, staff issued a Notice of Violation to International Disposal Corporation of California (IDCC), managing entity of the Newby Island Landfill (Newby) located in Milpitas, for failing to continuously operate the Landfill Gas Collection and Control System (LGCCS). Newby experienced multiple breakdowns and parametric excesses at the LGCCS on July 10, 2021, September 4, 2021, and September 21, 2021. Breakdown relief was denied by the Air District and staff determined that the associated parametric excesses indicated Newby was in violation of Air District Regulation 8, Rule 34, Section 301.1, for not operating the LGCCS continuously, as required by the aforementioned Air District regulation.

On November 4, 2021, staff met with the City of San Jose to continue discussions on the ongoing smoke/odor/fire-out complaints received by the Air District from residents of San Jose related to homeless encampments along the Coyote Creek watershed. The parties had a robust conversation about the City's and Air District's future complaint coordination as well as each providing updates on their roles and authorities. Staff agreed to develop procedures to share future complaint information with the city, who will use the information (in part) to help prioritize future clean-up and abatement efforts. The parties agreed to continue to meet in 2022 on an ad-hoc basis with both agreeing how intractable the homeless problem in the South Bay (and beyond) has been with the homeless population numbering in the thousands and encampments in the hundreds just in San Jose.

On November 22, 2021, staff issued a Notice of Violation to Bauman Redi-Mix Concrete for operating without Air District permits. The violation was discovered during a complaint investigation, which alleged dust near Arellious Walker Drive and Gilman Avenue in Bayview Hunters Point, San Francisco, an area under evaluation for future Assembly Bill 617 (AB617) designation. In addition to the Concrete facility, staff observed a homeless encampment and other particulate sources located on open ground in the old parking lot of the demolished Candlestick Park stadium. To protect nearby residents from fugitive dust and track-out, staff are focusing surveillance activities in this area to ensure compliance with visible emissions standards and track-out requirements.

In November 2021, staff met with representatives from Green Sage Management, LLC (Sage) to investigate the use of diesel generators as primary power for marijuana growing operations in Oakland. Sage representatives stated that local utility power was insufficient to meet the needs of the grow operation, so Sage planned to contact the Air District's Engineering Division to pursue the installation of turbines to replace the generators. Staff determined that the nine (9) generators located between the two sites began operation in July 2021. All generators were found to have current California Air Resources Board (CARB) Portable Equipment Registration Program (PERP) registrations and comply with Air District and CARB regulations.

On December 8, 2021, staff met with the Captain of the San Francisco Police Department's (SFPD) Bayview District to discuss staff safety while conducting inspections and complaint investigations in Bayview Hunters Point neighborhoods. The captain provided staff with safety tips and contact information for staff operating in the area.

Compliance Assurance

Air District staff conducted over 1,784 inspections of permitted facilities, gasoline dispensing stations, asbestos demolition and renovation jobs, open burning, portable equipment, and mobile sources. Additionally, highlighted inspection activities for the quarter are as follows:

During the week of November 15, 2021, staff participated in joint inspections with CalRecycle, the State Water Board, CARB, and other state and local agencies at various composting facilities in Santa Clara County as part of a CalEPA Compost Environmental Justice (EJ) Initiative.

Staff participated in monthly conference calls with CAPCOA Prescribed Burn Workgroup. Meeting participants included representatives from CAPCOA, CARB, United States Environmental Protection Agency (US EPA), and other local air districts. The meeting provides a forum for agencies to discuss activities such as prescribed burning to reduce the impact of wildfires and smoke on the state.

Staff participated in monthly conference calls with Lehigh Southwest Cement representatives to discuss ongoing compliance and permitting issues at the Portland Cement manufacturing facility and quarry. Staff learned that new Lehigh Environmental staff would be onboarding in January 2022 to replace departing staff leaving for Martin Marietta. The kiln continued to sit idle with no plans for reactivation; Lehigh provided a Notice of Temporary Cessation for the kiln on November 19, 2021, to comply with requirements of the US EPA Consent Decree.

Staff approved five (5) Asbestos Dust Mitigation Plans (ADMP), one (1) Geological Exemption application, and four (4) ADMP Amendment Requests.

Compliance Assistance and Operations Program

Air District staff received and evaluated over 2,486 plans, petitions, and notifications required by the asbestos, coatings, open burn, tank, and flare regulations. Staff received and responded to over 75 compliance assistance inquiries and green business review requests. Highlighted compliance assistance activities for the quarter also included the following:

On November 15, 2021, private landowners, public fire, law enforcement, land management agencies, and interested stakeholders were notified of an update to the Open Burning notification procedures with a new online submission process. Information on the new procedures were summarized in a Compliance Advisory, posted on the Air District's website, and mailed out to stakeholders. While the Air District continues to accept open burn notifications via email at openburn@baaqmd.gov, the new online system seeks to replace notifications received via fax and streamline the submission and processing of these requests.

Wildfire Air Quality Response Program

Home Air Filtration Program: The Air District's two-year partnership with the Regional Asthma Management and Prevention (RAMP) helps provide home air filtration units to those who are low income and suffering from severe asthma who are enrolled in the State of California's Asthma Mitigation Project (AMP) to receive home asthma assessments and care. Through Air District funding, a total of \$350,000 has been allocated to purchase air filtration units for the Home Air Filtration Program, out of which \$250,000 will go towards the partnership with RAMP, and \$100,000 towards several Federally Qualified Health Centers (FQHC) located in counties not currently served by the State AMP. Since the partnership began in August 2021, 715 air filtration units have been purchased and delivered across seven home visiting programs through RAMP to be gradually distributed during the series of home assessments as part of the State's program. The rate of the distribution is anticipated to increase in 2022 as schools returned to session in the fall and as health clinics see more asthma patients for preventative health services. RAMP is scheduled to report quarterly data on the progress of the program to staff by mid-January 2022. Air District staff are working to further expand the program and exploring potential partnerships with Marin Community Clinic, Ole Health and La Clinica, FQHCs located in Marin, Napa, and Solano Counties. In early 2022, all ongoing efforts as part of the Home Air Filtration Program will be transitioning from Compliance & Enforcement to the Community Engagement Division.

Partnerships with County Office of Emergency Services (OES): The Air District signed partnership agreements with the OES in Marin, Alameda, Solano, San Mateo, Santa Clara, and San Francisco Counties to enhance wildfire coordination and preparedness in the Bay Area. Through Air District funding, each county will receive portable air filtration units up to an amount of \$100,000 to deploy to evacuation and sheltering facilities and other congregate facilities such as schools, libraries, community centers when wildfire smoke impacts their region. Over the last quarter, a total of 374 portable, heavy duty air filtration units were delivered to San Mateo, Alameda, Marin and Sonoma Counties and San Francisco and Santa Clara Counties will be placing orders in the upcoming weeks. Staff are currently working with Contra Costa County who have committed to partnering with the Air District and are now in the process of reviewing the draft agreement and evaluating program logistics to better serve their communities. Napa and Solano Counties have expressed staffing and resource challenges that prevent them from entering into a partnership agreement with the Air District at this time.

Air District staff approved nine (9) prescribed burn smoke management plans in Contra Costa, Napa, San Mateo, Santa Clara, and Sonoma County.

Air District staff completed the data verification and posting of refinery flare monitoring data through October 2021.

Air District staff conducted the following inspections for the Strategic Incentives Division (SID): 38 projects and 74 engines.

**TECHNOLOGY IMPLEMENTATION OFFICE
A. FOURNIER, OFFICER**

The mission of the Technology Implementation Office (TIO) is to provide financial incentives, technical services, and matchmaking support that speed development and deployment of climate technologies in the Bay Area and beyond.

Climate Tech Finance

Climate Tech Finance increases access to capital for entrepreneurs, small businesses, and local governments to reduce greenhouse gas emissions. The program uses innovative financial instruments to encourage commercialization and adoption of low-carbon technologies. Our products are offered through a unique partnership between the Air District and the California Infrastructure and Economic Development Bank (IBank). (www.baaqmd.gov/ctf)

To support climate technology development, the Climate Tech Finance program offers a first-of-its-kind loan guarantee. This de-risking insurance will pay a commercial lender up to 90% of a loan value, to a maximum of \$2.5 million, in case of a default on a loan made to a technology venture bringing new climate tech to market. This loan guarantee enhances the credit of technology startups and increases their access to working capital that can fuel their growth. The Air District markets and develops these loan guarantees in close cooperation with NorCal Financial Development Corporation (NorCal FDC), an Oakland-based affiliate of IBank.

Companies funded by banks who received Climate Tech Finance loan guarantees:

- **SWITCH Maritime**, a hydrogen fuel cell ferry (\$2.5 million (M)/50% guarantee with State funds)
- **Gridscape Solutions**, a renewable microgrid developer (\$1 million/90% guarantee including Air District funds)
- **Imperial Electric Services**, an electric vehicle (EV) charging station installer (80% guarantee with State funds)
- **The Climate Center**, a nonprofit that helped establish Community Choice Aggregators (80% guarantee with State funds)
- **EvGateway**, an EV charging software platform developer (\$2.5 million/90% guarantee including Air District funds)
- **UCAP Power**, an ultracapacitor energy storage developer (\$2.5 million/90% guarantee including Air District funds)

Staff and NorCal FDC continue to support advancement of loan applications of qualified projects and to identify other prospects across industrial sectors. This includes prospective borrowers developing solutions in energy storage, zero-emission infrastructure, mobility, construction, data center spaces, and advanced energy efficiency. Staff, with the support of the Air District’s web team, are developing a new Climate Tech Finance website to enhance outreach for the program. Staff advanced discussions on the statewide expansion of Climate Tech Finance with IBank and NorCal FDC by utilizing state and federal funding from recent climate legislation.

Clean Air Centers

Clean Air Centers is part of a statewide initiative under Assembly Bill 836: Wildfire Smoke Clean Air Center Incentive Program for Vulnerable Populations (Wicks, Chapter 393, Statutes of 2019) to establish a network of publicly accessible facilities with high-efficiency air filtration systems for people who may not otherwise have access to clean air during wildfire events. The grant program will allow counties to apply directly for facility ventilation upgrades and for purchasing portable air cleaners and air filter replacements.

The Air District received \$3M in program and administrative resources to implement Clean Air Centers, CARB is administering the program. The Air District collaborated with CARB to develop the funding guidelines and executed a contract with CARB in July 2021 to begin program implementation.

The Air District held a meeting with counties in December 2021 to go over the program and draft guidelines, along with an optional pre-screening application. The solicitation will be open in January 2022/February 2022.

Clean Cars for All

Clean Cars for All (CCFA) incentivizes income-qualified households to replace older, higher-emission vehicles with a newer, cleaner vehicle or mobility options (e.g. public transit passes). (www.baaqmd.gov/cleancarsforall)

To date the Air District has received \$35.4M in program and administrative resources to implement CCFA. CCFA funding comes from the Transportation Fund for Clean Air and CARB funds, which include funding from California Climate Investments (CCI), Volkswagen Settlement (VW), and Air Quality Improvement Program (AQIP). A breakdown of funding is below:

Clean Cars for All Funding to Date

Year	Funding source	Project funds	Admin funds	Total
2018	CCI	\$4.25M	\$0.75M	\$5M
2019	VW	\$4.25M	\$0.75M	\$5M
2020	CCI	\$3.4M	\$0.60M	\$4M
	TFCA1	\$4.25M	\$0.75M	\$5M
	TFCA2	\$4.25M	\$0.75M	\$5M

2021	AQIP	\$2.55M	\$0.45M	\$3M
	CCI	\$7.14M	\$1.26M	\$8.4M
	Total	\$30.09M	\$5.31M	\$35.4M

The Air District received \$8.4 million in funding from CARB for CCFA in September 2021. CARB notified the Air District that it will be receiving an additional \$6.6 million in early 2022. The Air District’s Board of Directors approved a resolution to accept the funding in January 2022. The Air District is awaiting an amendment from CARB to receive these additional funds.

CCFA reopened on August 19, 2021. A press event was held on Clean Air Day (October 6, 2021) to announce the relaunch of CCFA. Damian Breen and Chair Cindy Chavez spoke at the event. Since the press event, CCFA has been featured by over 20 media outlets, including Newsweek, Car and Driver, Univision, KTVU, NBC Bay Area, KRON-TV, Yahoo!, and The Mercury News. Here are key program highlights:

- 3,545 applications have been submitted since the program opened in March 2019, and 2,457 awards have been made (totaling over \$21.43 million). Over 2,000 grantees purchased new vehicles, 27 grantees selected PEX cards for public transit and other mobility options, 224 grantees have requested or installed a home charger or purchased a portable charger.
- Of the clean transportation options selected to date, 25% were battery electric vehicles (BEV), 54% were plug-in hybrid electric vehicles (PHEV), 19% were conventional hybrid vehicles, 1% percent were hydrogen fuel cell vehicles (FCEV), and 1% were mobility option.

Clean Cars for All Program Key Performance Indicators (KPI)

Clean Cars for All Program KPI Totals to Date (2019-2022)	
Total budget	\$35.4M
Total available	\$8.89M (i.e. not awarded)
Applications received	3,545
Funds awarded	\$21.43M / 2,547 grantees
Funds paid	\$17.40M / 2,024 payments
Clean Cars for All Program KPI Totals During Q4 of 2021	
Applications received	857
Funds awarded	\$1.82M / 214 grants
Funds paid	\$1.55M / 179 payments

Charge! Program for Electric Vehicle (EV) Infrastructure

The Charge! Program provides grants to install light-duty electric vehicle charging infrastructure and is focused on expanding the coverage of charging stations, particularly in multi-unit dwellings and along transportation corridors. (www.baaqmd.gov/charge)

- Staff continue to administer and monitor current Charge! Program projects for compliance.
- The 2021 Charge! Program launched on December 28, 2020 and closed on March 18, 2021. Twenty-five applications were submitted requesting nearly \$13 million in funding. Applications were evaluated and a panel of three staff from TIO, Strategic Incentives Division (SID), and Rules and Strategic Policy scored and ranked the projects. Twenty projects were eligible for approximately \$10 million in funding. Sixteen projects will receive funding, totaling to \$5.23 million.
- The 2022 Charge! Program opened on December 7, 2021 and will close on March 1, 2022. A draft version of the Charge! Program guidance was released on October 15, 2021, and public comments were accepted until November 15, 2021. An informational webinar was held on December 14, 2021, to provide an overview of the program and information about how to submit an application. There is \$7 million available in funding for the 2022 Charge! Program.

Charge! Program KPI Totals to Date (Calendar Year 2021) – program currently closed	
Total budget	\$6,000,000
Applications received	25
Funds awarded	\$5.23M
Funds paid	\$0

Outreach and Partnerships

TIO continues to organize the Bay Area EV Coordinating Council and convene quarterly networking, coordinating, and information sharing events for public agencies, companies, and non-profit organizations to accelerate EV adoption in the Bay Area. Two EV Coordinating Council meetings were held this quarter. The first was held on October 13, 2021, focused on municipal fleet electrification and the second was held on December 16 and highlighted the EV Acceleration plan and Metropolitan Transportation Commission’s (MTC) Plan Bay Area 2050. The next meeting is being scheduled for March 2022, but the meeting scope has yet to be defined.

Staff have finalized a partnership with StopWaste to provide technical assistance to encourage EV charging installations at multi-family buildings serving low-income residents or located in AB617 communities.

Staff are working on an application for the California Energy Commission’s grant solicitation for Reliable, Equitable, and Accessible Charging for multi-family Housing that was released on November 24, 2021. The application is due on February 18, 2022. The Air District’s application will request funds to help support EV infrastructure to support multi-unit dwellings in Richmond and Oakland, but may include other disadvantaged communities.

Sponsorship and Conferences

- Danny Fung and JJ Camarena attended an Electric Vehicles in West Oakland workshop on October 13, 2021.
- Areana Flores and Tamara Kohne attended SOSV Climate Tech Summit October 20, 2021 - October 21, 2021.

- Ada Truong and Tamara Kohne attended the VERGE 21 conference October 25, 2021 – October 28, 2021.
- Tamara Kohne attended Microgrids: Weathering the Storm of Grid Failure webinar on November 8, 2021.
- Tamara Kohne attended Cleantech Group: Climate Action USA webinar on November 17, 2021.
- Danny Fung, Deanna Yee, and Tin Le attended the E-Mobility Diversity, Equity, and Inclusion Conference hosted by EVNoire and Forth on November 17, 2021 – November 18, 2021. TIO sponsored the event.
- Tamara Kohne attended CEC’s EPIC Symposium on December 14, 2021 – December 15, 2021.
- Tamara Kohne attended How We're Fixin' It: Scaling Climate Tech with Community Investment webinar on December 2, 2021.

**ENGINEERING DIVISION
P. LEONG, DIRECTOR**

California Environmental Quality Act (CEQA) Projects

Schnitzer Steel’s Ocean-Going Vessel (OGV) Increase Project (Oakland)

Schnitzer Steel submitted an application to increase the allowable number of OGVs transporting materials from Schnitzer Steel’s scrap metal recycling facility in Oakland, California from 26 ship calls per calendar year to 32 ship calls per calendar year. Recently, smaller ships and partially loaded ships have been used to transport Schnitzer Steel’s scrap metal, resulting in the need to have more ship calls per year to transport the same amount of material. This application will not change any of the existing throughput limits at this facility.

The Air District is Lead Agency under California Environmental Quality Act (CEQA) for this application and is in contract with Environmental Audit, Inc. to conduct the CEQA review and prepare the CEQA documentation. Staff continues work on the CEQA Initial Study and health risk assessment.

Martinez Refinery Renewable Fuels Project (unincorporated Contra Costa County) and Phillips 66 Rodeo Renewed Project (Rodeo)

The Martinez Refinery Renewable Fuels Project proposes to repurpose the existing Refinery to discontinue the refining of crude oil and switch to production of fuels from renewable feedstock sources including rendered fats, fish oils, soybean and corn oil, and other cooking vegetable oils, but excluding palm oil. The Phillips 66 Rodeo Renewed Project proposes to transform the existing Rodeo Refinery into a facility that would process renewable feedstocks into renewable diesel fuel, renewable components of other transportation fuels, and renewable fuel gas.

The Contra Costa County Department of Conservation and Development (County) is the Lead Agency under CEQA for these projects. Staff has reviewed and provided written comments to the County on the County’s Notice of Preparation for a Draft Environmental Impact Report (EIR) prepared for each of these two petroleum refinery projects. Staff continues to work with the County to ensure that our comments are appropriately addressed in the Final EIR.

Permits and Projects

Bay View/Hunters Point (BVHP) Facilities (San Francisco)

The Air District will move forward with California Environmental Quality Act (CEQA) review for the four facilities in BVHP, CEMEX, Hanson Pier 92, Hanson Pier 94, and Recology. Staff is finalizing a Task Order with PlaceWorks to conduct a California Environmental Quality Act Initial Study for all four facilities. Concurrently, staff prepared an initial HRA for Recology to understand potential risks.

San Jose – Santa Clara Regional Wastewater Facility (San Jose)

The San Jose – Santa Clara Regional Wastewater Facility (RWF) applied for a change in condition for their primary treatment (S-120) and sludge handling operation (S-200) of their wastewater treatment plant process. The change would allow for an increase in the hydrogen sulfide (H₂S) volumetric concentration limit at the stack of the abatement devices (A-5 and A-6). The proposal would increase the H₂S volumetric concentration limits from 0.05 ppm to 1.5 ppmv because the initial limit is not routinely achievable and was not guaranteed by the abatement device manufacturer. An HRA demonstrated that the proposed H₂S emissions will comply with toxic new source review limits and Regulation 9, Rule 2 limits. An Authority to Construct was issued on October 26, 2021.

San Mateo Water Quality Control Plant (San Mateo)

San Mateo Water Quality Control Plant has proposed to upgrade their wastewater treatment plant operations to meet water quality standards under Applications 30448 and 30449. The project includes new processes (Preliminary Treatment, Primary Treatment), which are abated by odor control devices, as well as upgrades (Secondary Treatment, Secondary Clarifier and Disinfection). In addition, six (6) new emergency diesel engine-generator sets were proposed. Of the six (6) engines, four (4) are subject to Best Available Control Technology (BACT) for emergency engines with a power rating greater than 1,000 hp and are required to meet Tier 4 emission standards. The project is located within 1,000 feet of a school, therefore public notices were distributed to addresses within 1,000 feet of the source and to parents or guardians of children attending schools within a quarter mile of the source (Bayside Middle School and Lead Elementary School). Two comments were received requesting construction during the school holiday and another requesting clarification on the potential increase in diesel particulate matter. The Air District does not have the authority to dictate the facility's construction schedule. Staff responded to the commenters via email or phone. The project was approved and issued Authorities to Construct on November 10, 2021, which includes a requirement for periodic monitoring.

PG&E Soil Excavation Activities (Vallejo)

Staff completed review of soil excavation activities at Curtola Parkway and Sonoma Boulevard in Vallejo. Authority to Construct permits for contaminated soil excavation and in-situ stabilization, soil stockpiles, grout batch plant and mixer, and six (6) diesel engines were issued on November 22, 2021.

Pleasanton Garbage Service (Pleasanton)

On December 9, 2021, a Permit to Operate was issued for a solid waste transfer station (receiving 720 tons/day of materials), separation processes and recycling operations for the facility located at 3110 Busch Road, Pleasanton, CA. This facility had been issued a notice of violation for operating without permits. Engineering Division notified Compliance and Enforcement Division of the permit issuance and new permit conditions.

Russell City Energy Company, LLC (Hayward)

The facility is a 600-MW natural-gas-fired combined-cycle power plant. In May 2021, the facility's steam turbine and generator experienced extensive damage in a fire and will need to be repaired or replaced. The plant has applied for authorization to make a temporary alteration that would allow it to operate if needed while repairs are being made. The alteration will involve installing a temporary blind and related components to isolate the steam turbine from the rest of the plant. This will allow the plant's combustion turbines to operate and generate electricity without the steam turbine and generator, which is also known as "simple-cycle" operation.

The California Energy Commission (CEC) approved the temporary simple-cycle operation in July of 2021. On August 4, 2021, a Temporary Permit to Operate was issued to allow operation in simple-cycle mode up to 90 days until November 9, 2021. The plant continued to remain subject to all emissions limits in its air permit, and there were no increases in emissions of any air pollutants. The only change in permit conditions was the removal of the combustion turbines' minimum heat rate limit, which the plant would not be able to meet during simple-cycle operations.

During the public comment period, one comment was received regarding the impact of the project with the nearby AC Transit Route 86. In addition, staff received a comment letter from the Sierra Club with a petition signed by 661 members of the San Francisco Bay Chapter who were generally opposed to simple-cycle operation. A response to the comments was emailed to the Sierra Club and mailed to the individual of the public in addition to being published on the Air District website.

The facility ceased simple cycle operation on October 31, 2021. On November 2, 2021, the Air District finalized the approval of the Permit to Operate with a condition that will not allow simple cycle operation after November 9, 2021. A Notice of Exemption was also filed with Alameda County.

Calpine reported on the root cause of the steam turbine failure to the CEC, California Public Utilities Commission (CPUC), City of Hayward and Air District in mid-November. The facility will be repairing the steam turbine in anticipation of combined-cycle operation in spring of 2022.

Gilroy Energy Center LLC for Riverview Energy Center (Antioch)

On December 8, 2021, a Temporary Permit to Operate was issued for a replacement gas turbine that will operate in place of an existing permitted gas turbine when it is taken out of service for maintenance.

Bloom Energy BMCC (Fremont)

On December 8, 2021, an Authority to Construct was issued for a fuel cell manufacturing facility. This application includes a cell printing line, cell interconnect printing line, and facility-wide solvent wipe cleaning operation.

Rule Amendments: Regulation 2, Rule 1 and Regulation 2, Rule 5

On December 15, 2021, the Air District’s Board of Directors approved amendments to Regulation 2, Rule 1, Permits – General Requirements and Regulation 2, Rule 5, Permits – New Source Review of Toxic Air Contaminants. Staff has worked with Rule Development and other divisions on this effort. These amendments establish procedures for identifying an “overburdened community”, set lower cancer risk limits for projects in overburdened communities, and require public noticing for all toxic projects in overburdened communities. The amendments also include updates to the Table 2-5-1 list of toxic air contaminants, health effects values, and risk assessment trigger levels, and to the Rule 2-1 permit action times. The rule amendments become effective on July 1, 2022.

CAPCOA Engineering Managers Committee

At the October 25, 2021, meeting, attendees discussed updates from CARB regarding Air District program reviews, CalRecycle’s organic waste/composting monitoring project, the status of the draft gasoline station industrywide guidelines, CARB’s Air Quality Training Program and their Assembly Bill (AB) 2588 emissions inventory criteria and guidelines regulation. In addition, US EPA provided updates on new and amended regulations. Updates were also provided by the Enforcement Managers committee, the vapor recovery sub-committee, and the CAPCOA liaison. As part of AB617, the Criteria Pollutants and Toxic Air Contaminants Reporting (CTR) Regulation requires uniform emission factor development. The Air District is involved in this emission factor development for the following four sectors: power generation, refineries, landfills, and oil & gas. In addition, cannabis operation permitting activities, open burning alternative equipment permitting, and COVID-19 operations & teleworking were discussed. On October 26, 2021 and October 27, 2021, staff participated in the CAPCOA Engineering & Toxics Symposium and presented updates on the Air District’s AB617 program and large diesel engine BACT. The symposium included presentations on the implementation of the criteria pollutants and toxics regulation/AB 2588 regulation, permitting of welding operations, an update of US EPA regulatory activity, landfill post-organic diversion/composting, and industry-wide guidance on diesel engines, auto body shops, and gasoline stations.

National Association of Clean Air Agencies (NACAA)

On October 21, 2021, staff participated in the NACAA Virtual Fall Conference. Staff saw presentations on community air monitoring and the link of air pollution with mental health. Staff participated in NACAA Permitting and New Source Review Committee meetings on October 12, 2021, and December 8, 2021. US EPA presented its Air Knowledge training program and plans. US EPA also presented and discussed its proposed changes to draft guidance on ozone and PM2.5 modeling for permitting. At these meetings, the following items were discussed: EPA’s response to a petition for reconsideration of the Project Emissions Accounting Rule, Updates from US EPA’s Operating Permits Group, the CARB’s new community/environmental justice tool, and updates from the NACAA NSR Improvement Subcommittee.

Cost Recovery and Containment Study

The Air District has retained Matrix Consulting Group (Matrix) for a new cost recovery and containment study. Matrix performed the last study in 2018. The Air District completes cost recovery and containment studies every three to five years to review the Air District’s cost recovery methodology. During the adoption of the 2022 budget in June, the Board of Directors (The Board) requested staff to explore a 100% cost recovery goal and to review the Air District’s cost recovery

methodology. Staff will be working with Matrix to conduct this review with this new goal and additional opportunities to improve our processes. Several interviews were conducted to obtain feedback from industry and community representatives as well as internal staff that directly and indirectly impacts fees.

The Air District is currently reviewing the draft study which was received on December 23, 2021.

Production System Project

On November 12, 2021, the “full transfer of ownership” module was migrated to the new ‘Gemini’ platform which makes it easier when small businesses change hands to a different owner. This combines the permit application, permit renewal and full transfer of ownership functionality in Gemini. Staff plan to release the partial transfer of ownership functionality, to handle facility splits and mergers early next year and continue to work on additional source categories. Staff continues to migrate additional facilities from the legacy system into the Production System monthly. 219 additional facilities were moved to the Production System from the legacy system last quarter.

Rule Development and Implementation

Regulation 11, Rule 18 – Reduction of Risk from Air Toxic Emissions at Existing Facilities

Regulation 11, Rule 18, or Rule 11-18 requires that facilities reduce health risks if facility health risks exceed a risk action level (RAL). A site wide HRA is necessary to determine the facility health risks due to routine and predictable toxic emissions from stationary sources at the facility. The current list of Phase I facilities is available on the Air District web site at: <https://www.baaqmd.gov/community-health/facility-risk-reduction-program/facility-risk-reduction-list>.

Once a preliminary HRA is complete, it is sent to the facility for a 90-day review period. The Air District will respond to facility comments and post a draft HRA on the web site for public review. After the 45-day public comment period, staff will consider all comments, make any necessary revisions to the HRA, and post a final HRA on the website. The requirement for risk reductions will be identified in the final HRA report. If risk reductions are required, the facility will have 180 days to submit a risk reduction plan.

Status as of December 31 for the Phase I facilities

HRA Review Stage	Number of Facilities
Validating Inventory and HRA Input Data	13
Preparing Preliminary HRA	14
On 90-Day Facility Review	1
Preparing Draft HRA	3
On 45-Day Public Comment	0
Preparing Final HRA	3
Final HRA Complete	0

Air District met with the California Council for Environmental and Economic Balance (CCEEB) on October 26 to discuss their questions about the HRA public review process and the dispute resolution panel.

AB&I Foundry (Oakland)

Air District is continuing to investigate comments from the facility, the public, and EPA related to AB&I Foundry's toxic emission inventory. The toxic emission inventory will be updated prior to finalizing the HRA for AB&I Foundry.

Eco Services Operations (Martinez)

A preliminary HRA for a sulfuric acid manufacturing plant (Plant 22789, Eco Services Operations) in Martinez has been shared with the facility. Comments on the preliminary HRA are due in writing on February 11, 2022.

Regulation 12, Rule 15 – Petroleum Refining Emissions Tracking

Staff is currently working on finalizing of emissions inventories with Air District required corrections. Staff is also working with the Western States Petroleum Association (WSPA) on ways the facilities can improve their submittals so that they do not require as much review effort to validate submitted inventories.

Refinery Rules Definitions

Two of the five Bay Area petroleum refineries have indicated their intention to transition away from petroleum processing to renewable fuels facilities. Staff worked with Compliance & Enforcement, Legal, and Rule Development to propose amending definitions within Air District rules that currently apply to petroleum refineries such that these facilities remain subject to these rules. Staff had identified 34 rules as potentially needing revision. Of these, amendments to 15 rules were proposed to be revised in a public hearing for rule adoption. Amended rules were adopted by the Board of Directors on November 3, 2021.

Heavy Liquids Study

On November 2, 2021, staff provided to the Western States Petroleum Association (WSPA) a draft report of the findings and analysis of the Heavy Liquids Study for WSPA's review. On December 17, 2021, WSPA provided their comments on the draft report. Staff is currently reviewing and responding to comments received.

Assembly Bill 617 (AB617)

Staff continue to participate in the implementation of AB617 as part of the Air District's working group on the technical assessment and source apportionment of the Richmond/San Pablo community emission reduction plan (CERP). Staff continue to work with the CARB, CAPCOA, and other local air districts as part of the CARB's BACT / Best Available Retrofit Control Technology (BARCT) Working Group on reviewing and commenting on the AB 617 Technology Clearinghouse being developed by CARB and its consultants. AB617 requires CARB to establish and maintain a statewide Technology Clearinghouse that identifies the best technologies for reducing emissions, namely BACT, BARCT, and related technologies for the control of toxic air contaminants. CARB is developing a technology clearinghouse of air district rules and control technologies as required

under its AB617 program and is working with CAPCOA and local air districts to ensure the information is useful and meets the needs of users. The working group members from CARB and California air districts discussed the CARB's tools under development, the future of CARB's Air Toxics Control Measure (ATCM) updates, and a few BACT determinations for controlling emissions from methyl bromide fumigation and large diesel engines. On August 31, 2021, a sub-workgroup was formed of staff from CARB and a few local air districts for developing a permitting questions and answer document on permitting programs. This workgroup is meeting weekly to draft responses to the public 's frequently-asked-questions on permitting.

LEGAL DIVISION
A. SCHWARTZ, ACTING DISTRICT COUNSEL

The District Counsel's Office received 202 violations reflected in Notices of Violation (NOVs) for processing.

Mutual Settlement Program staff-initiated settlement discussions regarding civil penalties or passing the Wood Smoke Awareness Course for 92 violations reflected in NOVs. In addition, five (5) Final 30-Day Letter(s) was/were sent regarding civil penalties for seven (7) violation(s). Finally, settlement negotiations resulted in collection of \$106,825 in civil penalties for 84 NOVs. Zero NOVs were settled by passing the Wood Smoke Awareness Course with \$0.

Counsel in the District Counsel's Office initiated settlement discussions regarding civil penalties for 46 violation(s). Settlement negotiations by counsel resulted in collection of \$3,198,690 in civil penalties for 182 violation(s).

COMMUNICATIONS AND PUBLIC INFORMATION DIVISION
K. ROSELIUS, OFFICER

Media Inquiries

Staff responded to 68 media inquiries, including requests about:

- Valero abatement order
- Wood Burning Rule
- Wildfires
- West Oakland air quality
- Flaring reports
- Hydrogen emissions
- Clean Cars for All
- Baykeeper
- FARMER grant program
- Press event
- Reid Hillview Airport
- IVAN meeting update
- PurpleAir sensors
- Generators

- Leaf blower law
- De Young Museum smoke art event complaint information
- Gas heaters
- COP26 interview
- Air monitoring
- Rule development
- Chevron flaring
- Air filtration
- COP26
- Concrete processing plants
- Chevron odor
- Interview requests
- Air quality conditions
- Valero settlement
- Woodsmoke
- I-580 truck ban
- Richmond

Press Release

- 12/30/2021 [Air District asks public to not burn wood over New Year's holiday](#)
- 12/23/2021 [Air District asks public to not burn wood over the Christmas holiday](#)
- 12/15/2021 [Air District strengthens permit rules to better protect overburdened communities](#)
- 12/07/2021 [\\$7 million in grant funding available to install new publicly accessible EV charging stations](#)
- 11/24/2021 [Air District asks public to not burn wood Thanksgiving Day](#)
- 11/18/2021 [Flex Your Commute website launched to assist commuting and return to work planning](#)
- 11/17/2021 [Air District settles case with Valero](#)
- 10/29/2021 [Air District to represent Bay Area at COP26](#)
- 10/14/2021 [Air District to provide home air filtration units in West Oakland](#)
- 10/13/2021 [Air District settles case with Shell Oil Products US](#)
- 10/06/2021 [Air District relaunches Clean Cars for All program on Clean Air Day](#)
- 10/03/2021 [Air District issues air quality advisory for Monday](#)
- 10/02/2021 [Air District extends Spare the Air Alert for smog for Sunday](#)

Media Events/Op-Eds

- 10/16/2021 Media event on Clean Air Day to promote Clean Cars for All program
- 10/14/2021 Media event with West Oakland Environmental Indicators Project
- 01/28/2022 NBC California Live Segment

Media Highlights

The Air District was mentioned in 768 print/online stories and 219 radio/video clips from October 2021 through December 2021. Below are media coverage highlights:

- 12/17/2021 [Port of Oakland achieved 86% reduction in diesel emissions](#)

12/17/2021 [Calls grow to reconsider I-580 truck ban due to impact on minority communities along I-880](#)

12/17/2021 [Oakland residents weigh in on pros and cons of I-580 truck ban](#)

12/16/2021 [Building Decarbonization Coalition and Partners Launch "The Switch is On", a Campaign Supporting Widespread Home Electrification In California](#)

12/16/2021 [California allocates \\$7 M for EV charging stations](#)

12/13/2021 [Valero Benicia Refinery Announces Planned, Intermittent Flaring](#)

12/13/2021 [Decision looms on plan to build more than 200 housing units in West Oakland](#)

12/13/2021 [Air district to fund public electric vehicle charging stations in Bay Area](#)

12/11/2021 [Millions in grants available to install electric vehicle charging stations](#)

12/07/2021 [EVgo Selected by California for Proposed Grant Funding for DC Fast Charging Stalls at 5 Locations](#)

12/07/2021 [EVgo Selected by State of California for Proposed Awards of \\$1.7M in Grant Funding for 38 New DC Fast Charging Stalls at 5 Locations](#)

12/07/2021 [Weather, wood smoke expected to bring less than ideal air quality this week](#)

12/07/2021 [Is my fireplace illegal? And other burning questions about wood smoke in Oakland](#)

12/06/2021 [Weather, Wood Smoke Bring Less Than Ideal Air Quality To Bay Area](#)

12/06/2021 [Weather, wood smoke expected to affect air quality this week](#)

12/06/2021 [Air District: Weather, Wood Smoke To Bring Moderate Air Quality In Bay Area This Week](#)

12/06/2021 [Weather, wood smoke expected to bring poor air quality to the Bay Area](#)

12/06/2021 [Weather, wood smoke expected to bring poor air quality to the Bay Area](#)

12/03/2021 [Cal Fire Lifts Burn Permit Requirements in Sonoma, Lake, Napa, Solano Counties](#)

12/03/2021 [Why the air in the Bay Area is so gross right now](#)

12/02/2021 [Bay Area Air Quality Plummets As Inversion Layer Traps Pollution](#)

12/02/2021 [Bay Area Air Quality Plummets As Inversion Layer Traps Pollution](#)

12/02/2021 [Fall heat wave in Bay Area leaves records behind](#)

12/02/2021 [Fall heat wave in Bay Area leaves records behind](#)

12/02/2021 [S.F. Bay Area's warm start to December will end soon. Here's what to expect](#)

12/01/2021 [BAE Systems installs propulsion system on board Sea Change vessel](#)

12/01/2021 [BAE Systems Provides First Zero-Emission Fuel Cell Propulsion System for U.S. Vessel](#)

12/01/2021 [BAE Systems installs propulsion system on board Sea Change vessel](#)

12/01/2021 [The First U.S. Vessel Powered by a Hydrogen Fuel Cell](#)

12/01/2021 [The First U.S. Vessel Powered by a Hydrogen Fuel Cell](#)

11/30/2021 [2022 Trucks Report: Electric vehicles continue to dominate OEM new-equipment announcements](#)

11/30/2021 [Sea Change Completes US' First Hydrogen Refueling](#)

11/30/2021 [Sea Change ferry completes landmark hydrogen fueling](#)

11/30/2021 [SWITCH Maritime Completes First-Ever Hydrogen Fueling of Maritime Vessel in US](#)

11/30/2021 [SWITCH Maritime Completes First-Ever Hydrogen Fueling of Maritime Vessel in US](#)

11/29/2021 [New filtration program is step toward cleaner air for West Oakland residents](#)

11/29/2021 [Sunny and warm: A mild summer forecast in late fall for the Bay Area](#)

11/29/2021 [Sunny and warm: A mild summer forecast in late fall for the Bay Area](#)

11/28/2021 [Moderate Air Quality Projected Into Thursday](#)

11/28/2021 [Air District Calls For “Moderate” Air Quality Through Thursday](#)
 11/28/2021 [Air quality expected to be moderate all week](#)
 11/28/2021 [Air forecast moderate all week](#)
 11/28/2021 [Air forecast expected to be moderate all week](#)
 11/28/2021 [Hazy skies to plague Bay Area all week](#)
 11/27/2021 [Local air quality affected by winter time fireplace use](#)
 11/27/2021 [In San Francisco’s Bayview-Hunters Point Neighborhood, Advocates Have Taken Air Monitoring Into Their Own Hands](#)
 11/22/2021 [Marine News' Top Boats of 2021](#)
 11/22/2021 [Controlled Burns To Produce Smoke In Sonoma County](#)
 11/19/2021 [Valero agrees to pay \\$191,500 for pollution violations at Benicia refinery](#)
 11/18/2021 [Solano Transportation Authority now accepting Electric Vehicle Charging Station applications](#)
 11/18/2021 [Valero to pay \\$191K for air pollution at Benicia refinery](#)
 11/17/2021 [Valero To Pay \\$191K For Benicia Refinery Violations](#)
 11/17/2021 [S.F. Bay Area air quality: What to expect after a foul fog blanketed the region](#)
 11/16/2021 [How much worse is Bay Area air quality right now? Officials say answer is complex](#)
 11/16/2021 [Hazy skies trigger debate over San Francisco’s air quality](#)
 11/15/2021 [Why Bay Area air quality suddenly took a turn for the worse](#)
 11/15/2021 [There's no wildfire. So why isn't San Francisco Bay Area air quality better?](#)
 11/10/2021 [Bay Area represented at UN Climate Change Conference](#)
 11/09/2021 [California's FirstElement bags USD 105m to grow H2 refueling network](#)
 11/09/2021 [KQED-FM Bay Area: Air District at COP26](#)
 11/09/2021 [Fox Reno \(KRXI\): California Delegation Taking Part in Climate Talks](#)
 11/09/2021 [KUNR-AM Reno: Air District at COP26](#)
 11/09/2021 [Fox Bay Area \(KTVU\): California Delegation Taking Part in Climate Talks](#)
 11/09/2021 [NBC Bay Area \(KNTV\): Climate Summit Continues](#)
 11/09/2021 [KGO-AM San Francisco: Air District at COP26](#)
 11/09/2021 [KCRW-FM Los Angeles: Air District at COP26](#)
 11/09/2021 [KCBX-FM San Luis Obispo: Air District at COP26](#)
 11/09/2021 [Fox Monterey \(KCBA\): California Delegation Taking Part in Climate Talks](#)
 11/09/2021 [KCBS-AM: Air District at COP26](#)
 11/09/2021 [KBU-FM Los Angeles: Air District at COP26](#)
 11/09/2021 [Richmond to Chevron: Listen to Our Residents’ Safety Concerns](#)
 11/08/2021 [California’s Bay Area offers progressive new employee programs to encourage sustainable commuting](#)
 11/03/2021 [Mayor Ashcraft: Steps You Can Take To Prevent Climate Change](#)
 11/03/2021 [Are you ready for the return of burn days?](#)
 11/03/2021 [Alameda mayor’s address: How to do your part to fight climate change](#)
 11/03/2021 [High Stakes: The movement for a countywide drilling ban gains momentum](#)
 11/02/2021 [What is PM2.5 and why is it so bad for you?](#)
 11/01/2021 [Prescribed Burns In Lamorinda This Week](#)
 11/01/2021 [Richmond’s Chevron refinery flare causes concern among residents](#)
 10/31/2021 [Blackouts Plague Our Power Grid - Why Congress Must Act To Ensure Electric Reliability](#)
 10/26/2021 [Letter to the Editor: Transportation choices key to climate success](#)

10/25/2021 [Original Report: Whistleblower Sets Off Probe Into Illegal Discharge Of Petcoke At Port Of Benicia](#)

10/24/2021 [How a landmark environmental justice bill is failing to protect Richmond’s air](#)

10/24/2021 [Chevron Richmond refinery issues visible flares, smoke](#)

10/21/2021 [Bay Area residents can trade old cars for \\$9,500 EV spending: 'We have to include low-income communities'](#)

10/21/2021 [8 Months After Chevron Oil Refinery Spill, Few Answers Surface About Cause](#)

10/21/2021 [A California law gave the people power to cut pollution. Why isn't it working?](#)

10/20/2021 [Air district announces \\$433,000 settlement for violations at Contra Costa County refinery](#)

10/19/2021 [Sensors Provide Real-Time Measure of Neighborhood Air Quality](#)

10/19/2021 [Cracking Down On Refinery Emissions](#)

10/18/2021 [E-bikes pedal onto Peninsula](#)

10/11/2021 [Bay Area Grant Program Offers \\$9500 to Trade Your Gasoline Car for an EV](#)

10/11/2021 [Bay Area Air District Relaunches Clean Cars for All Program on Clean Air Day](#)

10/11/2021 [The number of air monitors in the Bay Area has exploded. Where are they?](#)

10/10/2021 [Berkeley’s yellow school buses are going green](#)

10/09/2021 [Bay Area Grant Program Offers \\$9500 to Trade Your Gasoline Car for an EV – Car and Driver](#)

10/09/2021 [Bay Area Grant Program Offers \\$9500 to Trade Your Gasoline Car for an EV](#)

10/09/2021 [Bay Area Grant Program Offers \\$9500 to Trade Your Gasoline Car for an EV](#)

10/09/2021 [Bay Area Grant Program Offers \\$9500 to Trade Your Gasoline Car for an EV](#)

10/09/2021 [Bay Area Grant Program Offers \\$9500 to Trade Your Gasoline Car for an EV](#)

10/08/2021 [BAAQMD clean air car subsidy up to 9,500 yuan](#)

10/08/2021 [Bay Area Air Quality Administration provides financial assistance for clean cars](#)

10/08/2021 [Tesla Is Moving to Texas, as Promised by Elon Musk](#)

10/08/2021 [Bayview air monitoring program helps residents breathe easier](#)

10/07/2021 [This program offers more than \\$ 10,000 to exchange your old car for a hybrid or electric one](#)

10/07/2021 [Air District Makes Over \\$8M Available for Clean Car Financial Help](#)

10/07/2021 [Bay Area Willing To Pay Thousands if Residents Switch to Electric Cars](#)

10/07/2021 [Bay Area air district announces \\$2.2M settlement for refinery violations in Contra Costa County](#)

10/07/2021 [New study shows a rapid increase of diesel-fueled backup generators across California](#)

10/06/2021 [Bay Area air district will pay you up to \\$9,500 to swap your old car for an electric one](#)

10/06/2021 [Clear the air of diesel generators that power California’s shadow grid](#)

10/06/2021 [Bay Area air district will pay you up to \\$9,500 to swap your old car for an electric one. Here’s how.](#)

10/06/2021 [Bay Area air district will pay you up to \\$9,500 to swap your old car for an electric one. Here’s how.](#)

10/06/2021 [Bay Area air district will pay you up to \\$9,500 to swap your old car for an electric one. Here’s how.](#)

10/04/2021 [Air quality advisory in effect Monday due to wildfire smoke](#)

10/04/2021 [Expect Some Smoke Haze From Sierra Fires Over the Bay Area Today](#)

10/03/2021 [Air quality advisory issued for Bay Area due to wildfire smoke](#)

- 10/03/2021 [Air Quality Advisory Issued for Bay Area on Monday Due to Wildfire Smoke](#)
- 10/02/2021 [Air District extends Spare the Air Alert for smog](#)
- 10/02/2021 [Bay Area Spare the Air Alert Extended Through Sunday](#)
- 10/02/2021 [Spare the Air Alert extended through Sunday](#)
- 10/01/2021 [Air District issues Spare the Air Alert for smog for Saturday](#)

Public Inquiries

Phone: 103 public calls

Events

- Participation in most events has been cancelled due to COVID-19. Some participation in digital events and specially requested Spare the Air presentations.
 - o Rise Together Events (Livable City) — various SF neighborhoods on weekends June 4, 2021 – October 17, 2021.
 - o Suisun City Climate and Environmental Festival – Suisun City on October 9, 2021.
 - o Day on the Bay – Alviso Marina County Park on October 16, 2021.
 - o Phoenix Day — various SF locations on 10/17 (no in-person Air District staffing).
 - o Alameda County Fair — Alameda County Fairgrounds on October 22, 2021 – October 31, 2021 (no in-person Air District staffing).
 - o Christmas in the Park — History Park in San Jose on November 27, 2021 – January 3, 2022.

Spare the Air

- Advertising
 - o Winter Media Plan approved and executed
 - Vetted Winter Campaign partner proposals: Vistar, Comcast, Waze, Fifty, Centro, CPM, KARGO.
 - Met with A+P regarding Winter Media Plan feedback on October 2, 2021.
 - Staff reviewed updated Winter Media Plan for meeting to discuss feedback on October 21, 2021.
 - Contacted new media vendors regarding targets and desired plan.
 - Provided additional feedback to vendors regarding shift in budgets and plans.
 - Confirmed creative asset inventory for winter campaign.
 - Reviewed November winter campaign insertion orders from ClearChannel and IHeartMedia and confirmed creative for each.
 - Approved media buy.
 - Sent signed insertion orders and approved creatives to vendors.
 - Finalized media plan.
 - Approved print creative.
 - Approved transit creative.
 - o *It's Time*
 - Prepared to send the *It's Time* creative to vendors to go live on December 5, 2021.
 - Sent the *It's Time* creative to vendors to go live on December 15, 2021.
 - Worked on getting fully activated on cost per mile/impression.

- o NBC affiliate's California Live segment
 - Continued coordinating NBC affiliate's California Live segment.
 - Discussions with the network will pick back up early January.
- Media Relations
 - o Maintained comprehensive Bay Area media list including local broadcast, print and online outlets.
 - o Developed pitch and coordinated October 2, 2021 – October 3, 2021, Spare the Air Alert, and alert extension outreach to 170+ local news outlets in the San Francisco, South Bay, East Bay and North Bay markets.
 - o Winter tactical plan
 - Reviewed media relations winter season tactical strategy.
 - Incorporated feedback into media relations winter season tactical strategy.
 - Finalized winter season tactical plan.
- Social Media
 - o Monitored social channels daily and over weekends.
 - o Developed social media content.
 - Developed, shared new creative assets and scheduled content to publish via Sprout Social.
 - Adjusted pre-scheduled content as Spare the Air Alerts issued.
 - Edited holiday content.
 - Promoted sponsored events with Acterra: Business Environmental Awards and Holiday ReFresh.
 - Identified third-party content to share on social channels.
 - Posted additional third-party content to share on Spare the Air channels.
- Employer Program
 - o Reviewed revised Employer Program proposal based on feedback and additional research.
 - o Website messaging audit
 - Audited website for messaging.
 - Discussed website audit expectations with Allison+Partners.
 - Conducted kick-off meeting with marketing integration team to discuss website audit next steps.
 - Set meeting for second week of January to discuss website refresh audit specifics.
 - o Sponsorships
 - Confirmed SHRM event session meeting time, presentation walk-through and support.
 - Followed up on the WomanTech sponsorship opportunity for more information.
 - Bay Area Best and Brightest
 - Identified Bay Area Best and Brightest sponsorship deliverable needs.
 - Followed up with staff on the Bay Area Best and Brightest regarding sponsorship deliverables.
 - Coordinated with Bay Area Best and Brightest regarding logos, video, and final sponsorship payment.

- Public opinion surveys
 - o Conducted winter season survey design kick-off call with True North.
- Door to door outreach
 - o Confirmed several details regarding winter door to door canvassing project, including door hanger creative, neighborhoods for canvassing, quantities, and timing.
 - o Confirmed canvassing firm and coordinating with firm to delivered door hanger materials for door-to-door outreach.

Spare the Air Social Media

Actively monitored and posted on social media throughout the Spare the Air season. Facebook, Twitter, Instagram, and Pinterest platforms were monitored.

- Post samples:
 - o [Facebook](#)
 - o [Twitter](#)
 - o [Instagram](#)
- Response sample:
 - o [Twitter](#)

In this quarter, Spare the Air social media follower numbers increased to 13,001 (+77) on Facebook, increased to 15,518 (+88) on Twitter, increased to 1,733 (+47) on Instagram, and decreased to 298 (-3) on Pinterest.

Air District Social Media

- Worked with Strategic Incentives Division on ad campaigns to promote the Community Health Protection Grant Program.
 - o Campaign ran October 15, 2021 – November 15, 2021.
- Worked with Technology Implementation Office on ad campaigns to promote Clean Cars for All.
 - o Campaign ran October 4, 2021 – October 31, 2021.
 - o Campaign ran November 25, 2021 – December 23, 2021.
- Set up LinkedIn campaign to promote the Flex Your Commute program.
- Staff continued to run social posts daily including:
 - o Air quality forecasts: daily, two-day, and five-day forecasts.
 - o Shared:
 - Air quality advisory
 - Spare the Air Alert
 - Study showing air pollution disparities in the Bay Area
 - James Carey Smith Community Grant
 - Goods Movement Program
 - Air quality complaints process
 - Staff feature on Erica Trask
 - WHO new air quality guidelines
 - Automobile Emissions Research and Technology Fund grant
 - Funding for school bus fleets

- Clean Air Filtration Program
- Guide to electric retrofits
- Vehicle Buy Back program
- Air quality advisory
- California Clean Air Day
- KQED article featuring R. Chiang
- Clean Air Room video
- California Clean Air Day
- Tier 4 engines funded for the SF Bay Ferry
- Walk and Roll to School Day
- Richmond bikeshare
- Livestream of Clean Cars for All press conference
- Staff feature on Adan Schwartz
- Drive Clean Bay Area events for National Drive Electric Week
- EV 101 information
- Tesoro settlement
- Berkeley unified School District electric school buses
- Community resource mapping project for Richmond/San Pablo
- Webinar on electrification for rebuilds after wildfires
- KQED forum interview with R. Chiang
- Projects funded under the CA Automobile Emissions Research & Technology Fund
- Community Engagement RFQ
- Clean air projects planned for VTA
- Difference between air quality data sources
- Electric tractors funded through the FARMER program
- AB 617
- Community perspectives
- Berkeley Unified School District electric buses, Capstone project from Bay Area Summer Academy
- Shell settlement
- Creating a clean air room
- KneeDeep times climate resilience stories
- Livestream of the air filtration press conference
- Staff feature on Alyssa Espiritu
- Pathways to 1.5 Pavilion
- John Bauters' COP26 quote
- EPA grants supporting network of clean air spaces
- COP26 live stream with board members
- COP26 panels and updates
- Clean Cars for All
- COP26
- Acterra Business Environmental Awards
- Air District's panel at COP26
- Bay Area Monitor refinery article
- Webinar on transitioning to alt-fuel fleets
- Spare the Air fireplace inefficiency video

- Valero Settlement
- COP highlight video
- Flex Your Commute program
- Electric school buses for MDUSD
- COP26 video showing NOx emissions around the globe
- COP26 interviews with Mary Nichols, Laura Friedman, Te Maia Wiki and Felicia Marcus
- COP26 panels and updates
- Spare the Air Leadership Award call for applications
- Winter sources of air pollution
- James Cary Smith grantee SF Transit Riders
- Hydrogen fuel cell trucks serving Port of Oakland
- Temperature inversion infographic
- Bike East Bay webinar on COP26 with John Bauters
- WSJ analysis of cost to charge electric vehicles
- CARB EV survey
- AC Transit buses funded through the Carl Moyer Program
- Vehicle Buy Back Program
- Spare the Air 30th anniversary
- Clean Cars for All grantee testimonial
- COP 26 takeaways webinar with Bike East Bay & John Bauters
- Request for residents to refrain from burning wood
- EPA grant for EV charging hubs
- Town Hall on I-580 truck ban with Dir. Miley
- Keeping it Cool podcast
- Strengthened permit rules
- Hydrogen trucks
- Staff feature on Danny Anderson
- California ban on sale of gas-powered lawn equipment
- Spare the Air Leadership Award call for applications
- Winter sources of air pollution
- Pollution and Prejudice webinar
- *Charge!* program funding
- James Cary Smith grantee SF Transit Riders

In this quarter, Air District social media follower numbers increased to 5,231 (+17) on Facebook, increased to 20,831 (+856) on Twitter, increased to 2,329 (+68) on Instagram, and increased to 2,545 (+114) on LinkedIn.

Other

- Video
 - o B-roll
 - Collected video footage in San Jose.
 - Video shot in Albany and Oakland.
 - o Air quality complaints video
 - Reviewed.
 - o Clean air room video

- Completed.
 - o Intern videos on AB617
 - Completed.
 - o Air quality instruments video
 - In progress.
 - o Clean Cars for All grantee video
 - Completed.
 - o West Oakland Air Filtration media event
 - Completed.
 - o Spare the Air ozone and particulate matter videos
 - In progress.
 - o AB617 in Richmond video
 - Completed.
 - o Carl Moyer program video
 - Editing interviewees video clips.
 - o Air quality data sources video
 - Completed.
 - o Alerts vs. Advisories video
 - Editing in progress.
 - o Spotlight on PM
 - Completed.
 - o Distributed Workforce Policy introduction video with Jack
 - Completed.
 - o Remote Work Task Force Training video
 - In progress.
- Photography
 - o Gathered photos for:
 - Climate Tech Finance website
 - Counsel brochure
 - o Gathered photos of:
 - Zero-emission equipment grants
 - F-gas recycling program
 - Hyundai truck event on December 14, 2021.
- Staff Development
 - o CAPIO and Ragan training ongoing.
 - o Media training.
 - Scheduled media training for October 21, 2021 and November 8, 2021.
 - Staff completed media training on November 8, 2021.
 - o Staff attended Social Media Strategies Summit for Public Agencies and Government on December 8, 2021 – December 9, 2021.
 - o Staff participated in Adobe Pro training.
 - o Staff attended microaggressions training.
 - o Staff participated in distributed workforce policy team trainings.
- 2021 Annual Report
 - o Worked on preliminary video planning and deliverable schedule.
 - o Design selection meeting with Executive took place on September 30, 2021.

- o Preparing content, collecting photos.
- o Round two (2) designs from We the Creative arrived late October 2021.
- o Video planning meeting with DiffWorks took place on November 8, 2021.
- o Round 2 design presentation took place on November 16, 2021.
- o Website design review meeting took place on November 17, 2021.
- o Video shoot took place on November 24, 2021.
- o Worked on video content.
- o Executive Summary
 - Drafted.
 - Edited.
- Graphic Design Projects
 - o Flex Your Commute
 - Pledge
 - Completed.
 - Web banner
 - Made progress.
 - o Translations of eight (8) wildfire-related posters
 - Made progress.
 - o Clean Cars for All
 - Posters
 - Completed.
 - Handout
 - English completed.
 - Other languages being translated.
 - o Air filter posters
 - Edited.
 - o Spare the Air banner for Alameda County Fair
 - Completed.
- Web Updates
 - o Met to review Meteorology and Measurements update requests for website.
 - o Published new Clean Air Filtration Program pages.
 - o CivicClerk training for Board meeting agenda management system.
 - o Removed Report Smoking Vehicle page from search results.
 - o Posted press release translations.
 - o Current Air Quality webpage
 - Worked on roll-out of station down icons/notifications.
 - Monitored station reporting status daily.
 - Reviewed station down language.
 - Developed language for reporting delays.
 - Edited boilerplate language.
 - Reviewed and made comments to the station down notification levels chart.
 - o Spare the Air website
 - Spare the Air Cut the Commute webpage
 - Continued to work on build-out and editing.

- Webpage went live.
 - Updated and edited text.
 - Winter season
 - Checked on seasonal changeout materials.
 - Ensured wintertime fireplace Spare the Air web alert prepared.
 - Removed Cut the Commute Pledge from homepage slider item.
 - Wintertime wood burning Spare the Air messaging posted on baaqmd.gov and sparetheair.org.
 - Spare the Air web alerts
 - Filled out tracking sheet with Spare the Air online alert items.
 - Populated homepage Emergency Panel block items for various alert types in Sitecore.
- Spare the Air app
 - o Worked with web team to resolve Twilio error messages.
 - o New build
 - Checked with Innoppl on delivery date for next app edit.
 - Reviewed the most recent Spare the Air app build.
 - Provided edits to the app build.
 - o App icons
 - Coordinated app icon discussion with web team.
 - Finalized Spare the Air app alert icons.
- Publications
 - o Shared relevant content on social media of KneeDeep, a project of the Bay Area Regional Collaborative.
 - o Air Currents
 - Staff drafted November issue.
 - Published November issue.
 - o League of Women Voters
 - Coordinated and reviewed air filters article.
 - Coordinated and reviewed article on refinery definitions rule amendments.
- Remote Work
 - o Staff participated in Distributed Workforce Policy meetings.
 - Piloted app.
 - Provided feedback on app.
 - Practiced training meeting.
 - o Staff prepared for Distributed Workforce Policy training course.

**PLANNING AND CLIMATE PROTECTION DIVISION
H. HILKEN, DIRECTOR**

Climate Protection

Local Government Climate Planning Support

Staff attended meetings with local government climate staff and facilitated information-sharing in order to support local climate action planning and to identify and discuss synergies between Air District and local climate work, including:

- Staff participated in regular meetings of San Mateo County’s Regionally Integrated Climate Action Planning Suite (RICAPS), a group of local climate planners that features presentations from several Bay Area Community Choice Aggregation programs. At one meeting, the Air District was recognized for funding the start-up of RICAPS 10 years ago.
- Staff also participated in a regular meeting of Santa Clara’s County Climate Collaborative.
- Staff participated in a monthly meeting with Marin Clean Energy program staff to communicate updates on programs related to local government support programs related to building energy use.
- Sent out monthly issues of the Local Government Climate Newsletter to local government climate and sustainability staff across the Bay Area, announcing Air District and other funding programs, webinars and reports (<https://www.baaqmd.gov/plans-and-climate/climate-protection/local-government-support>).
- Staff participated in an Affordable Electrification Brainstorming Session hosted by the Petaluma Climate Action Committee.

Climate Policy and GHG Reduction Activities

Staff attended the 26th Conference of the Parties (COP) to the UN Framework Convention on Climate Change (UNFCCC) in Glasgow, Scotland, along with Directors Bauters, Hopkins, and Hurt. While there, Staff moderated an Air District panel, “Climate Action Planning Through an Equity Lens.” On this panel, Staff presented an overview of the Air District, and along with Director Bauters, presented on “Elevating Environmental Justice in Air Quality and Climate Planning.” Director Hopkins presented on “Wildfires, Vulnerable Communities and Rebuilding with Resiliency,” and Director Bauters on “Building Decarbonization: Challenges and Opportunities Through Community Engagement.” The panel was recorded and can be accessed at <https://vimeo.com/643848000>. After returning to the Bay Area, Staff presented to the Global Warming Committee of the National Association of Clean Air Agencies on experiences attending COP26. Staff presented “Tales from the COP” as part of the internal Climate Talk brown bag series for Air District staff.

Staff attended numerous workshops and meetings on CARB’s update of the Climate Change Scoping Plan, including: the Technical Workshop on scenario inputs; several meetings of the AB32 Environmental Justice Advisory Committee; the Electricity Sector Technical Workshop; and the Workshop on Modeling Scenarios for Natural and Working Lands. Staff participated in CARB’s Scoping Plan 2022 Workshop on Building Decarbonization as a panelist in a discussion-based

session. Staff also met with CARB's Chief of the Community Action Branch to discuss the Scoping Plan update and how CARB and Air District staff can begin meeting regularly to discuss key issues.

In addition to attending MTC's Regional Advisory Workgroup meeting on Plan Bay Area 2050, staff attended and provided public comment at the Joint MTC & ABAG Executive Board meeting regarding adoption of Plan Bay Area 2050.

Staff participated in meetings of The Switch Is On statewide consumer inspiration campaign to promote switching from natural gas to electric indoor appliances. Staff participated in The Switch is On annual partners meetings to discuss priorities and campaigns for 2022, and worked with Communications Staff to identify ways to promote the resources and messaging of the Campaign.

Staff presented on the proposed CEQA thresholds of significance for greenhouse gas (GHG) emissions to the Mobile Source and Climate Impacts Committee of the Board. Staff convened a meeting of a sub-group of CAPCOA Planning Managers to discuss CEQA and GHGs and climate action planning. Staff met with City/County of San Francisco planning staff to discuss the draft thresholds. Staff met with San Mateo County planning staff to discuss issues surrounding use of GHG offsets for CEQA land use projects.

Staff worked with Acterra to host the second annual [Holiday reFresh](https://www.acterra.org/holiday-refresh) event, a multicultural autumnal celebration of plant-based dishes prepared on induction stoves. *Holiday refresh 2021* featured seven local chefs from various backgrounds, preparing plant-based dishes reflecting their cultural heritages. Celebrity Chef Martin Yan joined the event this year, a recording of which can be viewed at <https://www.acterra.org/holiday-refresh>.

Staff is co-author on a paper accepted to Atmospheric Environment, "Consistent weekly cycles of atmospheric NO₂, CO, and CO₂ in a North American megacity from ground-based, mountaintop, and satellite measurements," demonstrating that satellite measurements can show details that will be important for monitoring progress toward reducing climate pollutant emissions. Staff is also co-author of the CO₂-USA urban GHG data set published by Oak Ridge National Laboratory and the Distributed Active Archive Center (https://daac.ornl.gov/cgi-bin/dsviewer.pl?ds_id=1916). The data set includes measurements of carbon dioxide, methane, and carbon monoxide concentrations measured at hourly intervals at multiple sites within the U.S. Data from the Air District's previous fixed site GHG network contributed to the ORNL data set.

Air Quality Planning

CEQA Program

During the fourth quarter of 2021, staff tracked 494 projects, reviewed nine (9) projects, and commented on the following four projects: San Francisco Unified School District Mission Bay School Project Draft Environmental Impact Report; Contra Costa County Phillips 66 Rodeo Renewed Project Draft Environmental Impact Report; Contra Costa County Martinez Refinery Renewable Fuels Project Environmental Impact Report; Port of Oakland Eagle Rock Aggregates

Oakland Terminal Project Final Supplemental Environmental Impact Report. Staff responded to 21 Stationary Source Information Requests and a variety of requests for technical assistance.

Staff continued working in partnership with Climate Protection staff on the update the CEQA Thresholds of Significance for Greenhouse Gasses (GHG Thresholds) and the CEQA Guidelines. Staff continue working collaboratively with the consultant support team from Ascent and Legal staff to finalize a draft proposed justification for GHG Thresholds of Significance. Staff planned and held a focus group on the proposed GHG Thresholds for environmental justice community partner organizations in November and planned and held a public workshop in December with support from with Community Engagement. Staff continue working to update the CEQA Guidelines, including finalizing draft chapters and appendices, beta testing an interactive database of mitigation measures, working with the consultant support team to update criteria air pollutant screening tables, and working closely with AIM on updated Health Risk Assessment (HRA) modeling guidance and screening tools.

Community Health Protection (AB 617)

West Oakland staff continue to plan and hold regular Core Team meeting and weekly meetings with the Co-leads, West Oakland Environmental Indicators (WOEIP), and project consultants. Staff continued meeting biweekly with City of Oakland staff to discuss coordination on the General Plan update, Environmental Justice element, and WOCAP implementation. Staff continue meeting with agency partners including the City of Oakland, the Bay Area Regional Collaborative, MTC/ABAG, and the Alameda County Transportation Authority to share updates and exchange ideas on implementation. Staff presented an annual update on WOCAP implementation at the Air District Board's Community, Equity, Health, and Justice Committee meeting on November 4, 2021. Staff continued to prepare the WOCAP annual reporting materials for submittal to CARB, gathering input from other Divisions, and meeting with WOEIP on questions and concerns.

Staff working on the Richmond-North Richmond-San Pablo Path to Clean Air project continued to plan and hold regular internal and external meetings including weekly Core Team meetings, biweekly Internal Path cross-divisional meetings, monthly meetings with Executive staff, a monthly meeting to update Director Gioia, biweekly meetings with the Community Steering Committee co-chairs, biweekly meetings of the Community Description and Technical Assessment Ad-hoc committees and monthly meetings of the Community Steering Committee. Staff prepared for and attended the Air District Board meeting on October 6, 2021, at which the Community Steering Committee Charter was approved. Staff prepared for and attended the Air District Board's Community, Equity, Health, and Justice Committee meetings on October 7, 2021 and December 2, 2021, to discuss and fill vacant seats on the Community Steering Committee.

East Oakland staff continued to plan and hold regular Core Team meetings and attend semi-regular meetings with Communities for a Better Environment (CBE) to discuss research needs including air monitoring, inventory, and modeling approaches. Staff developed a selection report and detailed background recommending East Oakland for development of a Community Emissions Reduction Plan (CERP) in partnership with other Divisions and CBE. Staff prepared the materials for and attended the Air District Board of Directors Meeting on November 3, 2021, on the East Oakland AB617 selection recommendation. Following the selection recommendation, staff met with San Leandro staff to discuss how best the Air District can engage and partner with the city and

community groups on air quality and environmental justice issues, including coordinating efforts on AB617, SB1000, Housing and EJ Element updates.

Staff received and reviewed the Tri-Valley Air Quality Community Alliance's final community profile, "Ensuring Future Air Quality in the Tri-Valley" and corresponding fact sheet.

Miscellaneous

Staff continue working on local, regional, and statewide air quality planning activities. Staff continued to attend the MTC Air Quality Conformity Task Force meeting to review projects from project sponsors seeking PM 2.5 project level conformity approval. Staff continued to provide input to Rule Development on amendments to Rules 2-1 and 2-5 and assisted with the response to comment process. Staff continued to participate in the Equity Resource Team and collaborated with Community Engagement to recruit equity and EJ consultants to support various programs, including AB617 and CEQA, with forming and managing stakeholder groups, event promotion, meeting logistics, multi-cultural media and communications, and facilitation. Staff attended the 2021 CAPCOA Planning Managers Virtual Symposium as well as monthly CAPCOA Planning Managers meetings, the CAPCOA Land-Use Models working group meeting. Staff attended the CalEEMod Beta Testing Webinar and are providing feedback on the new web-based version. Staff participated in four Technology of Participation (ToPs) structured facilitation method trainings with the Center for Strategic Facilitation. Staff continued to work on developing the Division's Strategic Plan.

ASSESSMENT, INVENTORY, AND MODELING P. MARTIEN, DIRECTOR

Emissions and Community Exposure Assessment

Under Assembly Bill (AB) 617 community assessment work, staff completed an updated version of the planning inventory for the Richmond-North Richmond-San Pablo (R-NR-SP) community. Staff completed draft technical assessment documentation as part of the R-NR-SP Community Emissions Reduction Plan (CERP) appendix, with the focus on by-source estimations estimation. Staff presented the emissions, modeling, and exposure basic concepts at the November 2021 R-NR-SP Community Steering Committee (CSC) meeting and prepared summary slides for technical assessment to be presented at the upcoming January 2022 CSC meeting. Staff continued collaboration with the Metropolitan Transportation Commission (MTC) staff to archive and document selected datasets on the data management platform, including the approved R/NR/SP CERP boundary and the locations of Air District's permitted stationary facilities. Under the District's California Environmental Quality Act (CEQA) work, staff continued collaboration with the Planning and Climate Protection Division staff to complete a draft version for the CEQA modeling guidance and are coordinating with the documentation review process. Staff started the Bay Area on-road mobile source assessment project to support CEQA screening tools development. Staff completed emissions estimation for the Bay Area rail line sources and started dispersion modeling runs. Staff completed CEQA reviews for several projects, such as the Mission Bay School Project in San Francisco, Recology site analysis in the Bayview/Hunters Point area, and Marathon and Phillips 66 renewable fuels.

Under emissions reporting work to meet the reporting requirement under the California Emission Inventory Development and Reporting System (CEIDARS) and the new statewide Regulation for

the Reporting of Criteria Air Pollutants and Toxic Air Contaminants (CTR), staff collaborated with the Engineering Division and My Air Online (MAO) staff to host a debrief meeting to summarize experiences and lessons learned from the CEIDARS/CTR2020 project; staff also proposed collaboration tasks to improve data processing for CEIDARS/CTR2021. Staff completed review and modification of a data collection spreadsheet to support the Engineering Division staff in requesting data reported from refineries. Staff continued development of the District's base year emissions inventory, focusing on quality assurance and methodology documentation updates using RStudio and GitHub tools. Staff addressed internal requests and reviewed for emissions data for a variety of sources: cement plant, diesel backup generators, livestock and agriculture burning activities, and industrial natural gas combustion. Staff attended a meeting with the City of Oakland to discuss data needs to support the Oakland General Plan development, attended a meeting with the Western States Petroleum Association (WSPA) to discuss data reporting needs, and participated in a workshop hosted by the California Air Resources Board (CARB) on CTR reporting requirements. Staff participated in the Air District's Workforce Distribution Policy training sessions.

Air Quality Modeling and Analysis

Staff attended regular meetings of the R-NR-SP Community Steering Committee, internal meetings for the R-NR-SP technical assessment, including, the inaugural meeting of the R-NR-SP technical assessment ad hoc group, a meeting of the East Oakland AB 617 team, a meeting with Communities for a Better Environment (CBE) on monitoring and analysis for the East Oakland AB 617 community, and AB 617 training sessions on conflict resolution. Staff also participated in, and prepared presentation materials on modeling and exposure work for, Community Emissions Reduction Program (CERP) Steering Committee (CSC) meetings. For R-NR-SP AB 617-related tasks, staff reviewed emissions estimates and community-scale modeling results for truck-based businesses, updated emissions estimates for the planning emissions inventory and used regional modeling outputs to develop estimates of background pollutant concentrations for the community, prepared an annotated outline for documenting emissions and modeling work for the community, and continued documenting emissions inventory development and air quality modeling methods for the CERP technical assessment. Staff reviewed CARB comments on Version 2 of the R/NR/SP emissions inventory and adjusted the inventory in response to CARB comments. For the West Oakland community, staff conducted air toxic modeling, updating background cancer risk using the latest 2018 regional modeling platform.

Staff completed and analyzed regional modeling simulations of residential natural gas combustion NOx and PM impacts in the Bay Area to support the District effort for amending the Rules 9-4 and 9-6. Staff assessed health impacts of PM from residential and commercial natural gas combustion using EPA's Environmental Benefits Mapping and Analysis Program (BenMAP). Staff continued analyzing, summarizing, and documenting PM trends in the Bay Area for the period 2000 through 2018 and summarizing trends in health impacts from reduction in PM for the same 2000-2018 period. Staff participated in several meetings on the Intervention Model for Air Pollution (InMAP) project with contractors at the University of Washington and UC Berkeley to discuss the model, its applications, and steps for the project. The District's interest in applying InMAP to the Bay Area modeling project was a key topic of discussion in the meetings. Staff met with District planners to discuss updates to the CEQA screening tool for roadway emissions impacts, part of the larger project to update the District's CEQA screening tools. Staff subsequently developed a flow chart for a roadway modeling approach that could be used for CEQA, AB 617, and other analysis needs.

RULES & STRATEGIC POLICY DIVISION
E. YURA, DIRECTOR

Amendments to Regulation 2: Permits (Rules 2-1 and 2-5):

Status / Next Milestones:

- Proposed Amendments adopted by Board of Directors on December 15, 2021. CEQA Notice of Declaration (NOD) to adopt a Negative Declaration has been filed with counties
- Post-hearing activities to commence including website updates, CARB notifications and other administrative tasks

Background: Staff developed proposed changes to the permitting rules to provide greater health protection from new and modified sources of air pollution, particularly in communities that are overburdened by air pollution and other public health stressors. In response to concerns from community advocates, staff met with community and public health advocacy organizations in the following areas to hear their feedback how to amend the permitting rules: the Carquinez Strait region (Vallejo and Rodeo), Suisun Bay region (Pittsburg), Eastern San Francisco (Bayview-Hunters Point), East Oakland, the South Bay region (Santa Clara County), the North Bay region, and the Tri-Valley region. Staff has incorporated feedback from advocacy organizations into the potential amendments to the permitting rules.

Discussion / Key Updates: On August 24, 2021, the Air District hosted a virtual public workshop on draft rule amendments to Rule 2-1 (General Permitting Requirements) and Rule 2-5 (New Source Review of Toxic Air Contaminants). During the workshop, staff described the following draft changes, which are based on internal and external comments on how to make the permitting rules more equitable and health protective:

1. Utilize CalEnviroScreen 4.0 to delineate areas that experience high levels of environmental pollution and health burdens, referred to as “Overburdened Communities.”
2. In Overburdened Communities, make the cancer risk limit more stringent to increase the health protectiveness of the permitting program.
3. To increase transparency, require notification of surrounding addresses if a health risk assessment is necessary for a project in an Overburdened Community.
4. Update the Air District’s Health Risk Assessment Guidelines with more health protective procedures for assessing health risk from projects at gasoline dispensing facilities. Also update the Toxic Air Contaminant Trigger Levels in Table 2-5-1.
5. Seek feedback on a potential change to health risk assessment procedures for emergency backup engine operations.
6. Update language in the rule as necessary to improve clarity and prevent circumvention of rule requirements.

The adopt rule changes were based upon those discussed during the May 12, 2021, public workshop on proposed concepts to amend the permitting rules. Staff provided an update to the Stationary Source and Climate Impacts Committee on May 17, 2021, on the feedback received during the concepts workshop. Staff also updated the Community Equity, Health and Justice Committee on July 1, 2021. On September 27, 2021, staff presented to the Stationary Source and Climate Impacts

Committee on the feedback received on the draft language and provided the Committee with an overview of the proposed amendments that are described in this Staff Report.

On October 19, 2021, staff published the Notice of Public Hearing, CEQA Initial Study and proposed Negative Declaration, CEQA Notice of Intent, Staff Report, proposed amendments to Rules 2-1 and 2-5, Socioeconomic Impact Study, and other supporting documents to the Regulation 2 amendments webpage. Written public comments were accepted through November 18, 2021.

The Board of Directors adopted the proposed amendments and CEQA Negative Declaration at the December 15, 2021, Public Hearing. Staff is performing post-adoption tasks including website updates, CARB notifications and other administrative tasks. As committed in the Board resolution, staff will continue engagement with community stakeholders and wastewater operators on implementation of the adopted amendments and consideration of additional future amendments to the Permitting Regulations.

Visit this webpage for more information: <https://www.baaqmd.gov/reg-2-permits>.

Rule 13-5: Industrial Hydrogen Plants:

Status / Next Milestones:

- Release of final rule package – First Quarter of 2022

Background: Facilities producing hydrogen using steam-methane reformation can release hydrogen containing methane and other organic gases. The Air District has prioritized reducing emissions of methane, a powerful climate pollutant, and staff is developing a rule to control methane emissions from hydrogen plants, one of the largest industrial sources of methane in the Bay Area.

Discussion / Key Updates: Staff provided an update on this rule development effort to the Stationary Source Climates Impacts Committee on September 27, 2021. One area of concern raised by committee members was the potential for the use of flares as a means of compliance. Staff has also engaged industry stakeholders on alternative methods to comply with the draft rule, ways to avoid building new flares, and environmental impacts associated with potential new flares. Staff is evaluating these proposed alternative compliance methods to determine if the draft rule could be revised to accommodate these proposals.

In developing Rule 13-5: Refinery Hydrogen Plants, staff first held a public workshop in January 2020 to solicit comments from the Public and regulated community. Based on comments received and additional research, staff revised the draft rule significantly and posted a revised version of the draft rule on the Air District's web page in September 2020. During staff analysis of this sector, the issue of flaring as one of the possible abatement methods, arose as a concern since a flare may emit of oxides of nitrogen and volatile organic compounds in quantities sufficient to potentially exceed that Air District's California Environmental Quality Act (CEQA) threshold. Staff conducted a thorough environmental analysis to determine if an Environmental Impact Report would be required under CEQA for this rule development effort. On June 30, a revised draft rule and a Notice of Preparation and Initial Study (NOP/IS) was posted to the Air District Rule 13-5 webpage. Staff held a scoping meeting on July 27, 2021, to solicit public comment regarding the scope and content of the environmental information to be included in the Draft Environmental Impact Report. Staff also updated the Stationary Source and Climate Impacts Committee on rule development activities for

Rule 13-5 on July 19, 2021. The issue of flaring was raised as a concern by members of the committee at that meeting. Staff met with industry representatives to explore alternative emission reduction methods and revised rule language to allow compliance through submittal and approval of an Alternative Compliance Plan. Staff intends to propose a revised Rule 13-5 to the Board of Directors for consideration by early in the second quarter of next year.

Visit this webpage for more information: <https://www.baaqmd.gov/rules-and-compliance/rules/reg-13-rule-5-petroleum-refinery-hydrogen-plants>.

Amendments to Rules 9-4 and 9-6: Residential and Commercial Appliances:

Status / Next Milestones:

- Release of final rule package 2nd – First Quarter of 2022

Background: Staff is assessing potential rule development efforts to further reduce oxides of nitrogen (NOx) emissions from residential appliances. These sources are addressed by Rules 9-4: Residential Furnaces and 9-6: Gas-Fired Water Heaters. The current rulemaking approach would be to match ultra-low oxides of nitrogen standards currently required by South Coast Air Quality Management District and San Joaquin Valley Unified Air Pollution Control District, as well as determining a path to regulation of natural gas installation for new construction. Staff has also released draft amendments that include a zero-emission standard for oxides of nitrogen as that can be met by some equipment currently available on the market. Because conversion to these appliances may require changes to homes electrical service, staff is developing an equity analysis to ensure the cost impacts to consumers, especially low-income consumers, are fully understood and means to mitigate those impacts are explored and considered.

Discussion / Key Updates: Staff presented initial source information to the Climate Protection Committee in November 2020 and presented rule development concepts to the Stationary Source and Climate Impacts Committee on April 19, 2021. The Board and public both expressed general support for staff's proposed concepts and emphasized the need for swift action in this space but also noted the importance of balancing complicating factors, such as equity and the availability of funding mechanisms for incentives and subsidies. Staff held a kick-off meeting for an external working group on May 26, 2021, and subsequent meetings meeting specific to water and space heating technical issues on June 23, 2021, and July 9, 2021. On July 21, 2021, the stakeholder working group met to discuss pathways ensuring equitable processes and outcomes for this effort. Staff met with a wide spectrum of stakeholders and will continue to meet with this group throughout the remainder of 2021.

On September 30, 2021, Staff released draft amendments to Rules 9-4 and 9-6 as well as a workshop report for public review. Staff then held a virtual public workshop on the evening of October 7, 2021, to discuss and receive feedback on the draft amendments. The workshop was attended by over 40 stakeholders and members of the public and staff received valuable feedback for consideration in preparing the final amendment proposal. The public comment period for this workshop package closes on November 1, 2021. Staff additionally presented to the Stationary Source and Climate Impacts committee on October 18th to discuss the draft amendments. The committee directed staff to continue in the current direction of rulemaking, with additional considerations for community and stakeholder involvement following potential rule amendment adoption. Staff updated the Stationary Source and Climate Impacts Committee on November 15,

2021, on public comments received and proposed an alternate schedule to allow for additional stakeholder engagement, environmental review, and cost analysis. Staff intends to finalize the draft package in the Spring of 2022.

Amendments to Rule 8-8: Petroleum Wastewater Treating (AB 617 BARCT Schedule):

Status / Next Milestones:

- Engage with stakeholders on emissions inventory – First Quarter of 2022

Background: Regulation 8: Organic Compounds, Rule 8: Wastewater Collection and Separation Systems (Rule 8-8) was selected as one of the six high-priority rule development projects in the AB 617 Expedited BARCT Implementation Schedule based on high emissions of volatile organic compounds per year, based on the Air District’s emissions inventory. Air District staff conducted early stakeholder outreach on this rule development effort in meetings of the Refinery Rules Technical Working Group in 2020.

Discussion / Key Updates: Currently, staff is working on amending Rule 8-8 only focusing on reducing the front-end emissions related to collection and separation systems. The secondary or back-end emissions and potential emission reductions are at this time poorly understood and need to be better characterized. Staff focused on characterizing emissions from petroleum refinery wastewater treatment plants as part of the Air District’s internal Organics Emission Estimation Project. The knowledge assessment phase of this process was completed in March 2021, and staff is currently working on identifying potential monitoring, sampling, and modeling efforts to better characterize and quantify these emissions.

A more in-depth stakeholder engagement effort is anticipated in early 2022. Staff is tentatively scheduled to present this rule to the Board of Directors in 2022.

Visit this webpage for more information: <https://www.baaqmd.gov/rules-and-compliance/rule-development/barct-implementation-schedule>.

Amendments to Rule 8-5: Organic Liquid Storage Tanks (AB 617 BARCT Schedule):

Status / Next Milestones:

- Engage with stakeholders – First Quarter of 2022

Background: Regulation 8: Organic Compounds, Rule 5: Storage of Organic Liquids (Rule 8-5) was selected as one of the six high-priority rule development projects in the AB 617 BARCT Schedule because stored organic liquids are estimated to emit over 400 tons of volatile organic compounds per year and emit toxic air contaminants, such as benzene, toluene, ethylbenzene, and xylene. Storage tank designs used for organic liquid storage vessels include fixed roof tank (vertical and horizontal), external floating roof tank, domed external (or covered) floating roof tank, internal floating roof tank, variable vapor space tank, and pressure tanks (low and high).

Discussion / Key Updates: Staff is currently working to development amendments to Rule 8-5 that would further reduce emissions of organic compounds, including toxic emissions.

Visit this webpage for more information: <https://www.baaqmd.gov/rules-and-compliance/rule-development/barct-implementation-schedule>.

Rule 8-18: Refinery Heavy Liquids Leaks (AB 617 BARCT Schedule):

Status / Next Milestones:

- Stationary Source and Climate Impacts Committee—Fourth Quarter of 2021

Background: This rule development project would address emissions of reactive organic gases (ROG) from petroleum refineries, chemical plants, bulk terminals and bulk plants, and other facilities that store, transport, and use organic liquids. Amendments to Regulation 8, Rule 18: Equipment Leaks (Rule 8-18) in December 2015 addressed equipment that service heavy liquids at these sources, but those amendments have not yet been fully implemented due to uncertainty regarding proper emissions factors for heavy liquid fugitive emissions. Air District staff coordinated with each of the five Bay Area refineries to conduct a Heavy Liquid Leak Study. These studies are designed to determine appropriate emission factors for heavy liquid leaks. The results of these studies are currently being finalized.

Discussion / Key Updates: Staff recommends using results of the Heavy Liquid Leak Study to amend Rule 8-18 and address the current issues with the 2015 amendments. Any recommended and implemented requirements to address reactive organic compound emissions from these sources are also anticipated to reduce toxic air contaminant (TAC) emissions. Once the results of the heavy liquids study are finalized, the results will be used to complete rulemaking for emissions of organics from equipment that service heavy liquid. Staff anticipates updating the Stationary Source and Climate Impacts Committee in the fourth quarter of 2021 and tentatively presenting this effort at a Board Hearing in 2022.

Visit this webpage for more information: <https://www.baaqmd.gov/rules-and-compliance/rule-development/barct-implementation-schedule>.

Amendments to Rule 9-13: Nitrogen Oxides, Particulate Matter, and Toxic Air Contaminants from Portland Cement Manufacturing (AB 617 BARCT Schedule):

Status / Next Milestones:

- Active rule development currently on hold pending data gathering efforts, including determining the impacts of the Consent Decree.

Background: Potential emissions reductions from Cement Manufacturing were identified as part of the AB 617 Expedited BARCT Implementation Schedule. In the Rule Development Project Scope, staff estimated that application of BARCT may result in emissions reductions of particulate matter (PM) and sulfur dioxide (SO₂). Emissions of oxides of nitrogen (NO_x), and reactive organic gases (ROG) were addressed by the 2012 adoption of Regulation 9, Rule 13, so rulemaking for those emissions was not anticipated. Regulation 9, Rule 13 also addressed emissions of PM but specified the use of accepted source test methods at the time which only account for filterable particulate matter. Source test methodology adopted by US Environmental Protection Agency (US EPA) in 2016 now allows for measurement of condensable particulate matter through use of dry impingement.

The Lehigh Cement Company LLC (Lehigh) facility in Cupertino is the only Portland cement manufacturing facility currently operating within Air District jurisdiction and is thereby the only facility subject to the requirements of Rule 9-13. On Nov 18th of 2020, a consent decree (CD) was

entered into federal Court between Lehigh Cement Company and US EPA, the Air District, and other environmental jurisdictions throughout the United States. This CD compels Lehigh to implement modifications for enhanced control of NO_x and SO₂ emissions at several facilities including the kiln in Cupertino. The CD requires Lehigh to enter into a “test and set” procedure to establish the lowest achievable SO₂ emission level for the Cupertino kiln. The “test and set” process may take between two and three years and includes time for preparation, submittal and approval of a design and optimization plan, optimization report, and demonstration report, along with a period to design and install equipment and operational modifications, an optimization period, and a demonstration period. Review and approval periods for US EPA are not set and there may be extensions due to non-operation of the kiln, required permitting, or other reasons.

Discussion / Key Updates: Staff will coordinate with Lehigh Cupertino to conduct a series of source tests during the demonstration period as proscribed in the consent decree to measure and characterize the back half (condensable fraction) particulate matter, along with oxides of nitrogen, sulfur dioxide, total organic compounds, and Ammonia (measurements for these emissions may be corroborated by continuous emissions monitoring systems). Staff will evaluate the effectiveness of the consent decree in reducing particulate matter emissions and will determine if additional rulemaking is needed to ensure adequate control of this pollutant.

Amendments to Rule 9-14: Coke Calcining Operations (AB617 BARCT Schedule):

Status / Next Milestones:

- Awaiting the decisions of Phillip 66 regarding the shutting down of the Carbon Plant—Fourth Quarter of 2021

Background: This rule limits sulfur dioxide emissions from coke calcining kilns; of which there is only one in the Air District operated by Phillip 66. The amendments to Rule 9-14 would address oxide of nitrogen emissions from the coke calciner. However, Phillip 66 has announced that it will convert to a renewable fuels production operation.

Discussion / Key Updates: This announcement leaves in doubt the future of the coke calciner. Staff believes there are three potential outcomes: 1) With the conversion of Phillip 66 to renewable fuels production, the refinery could shut down the operation of the coke calciner; 2) Phillip 66 could continue operation of the calciner by accepting and processing green coke from another source; or 3) Phillip 66 could resume petroleum refining and continue operations of the coke calciner. Until one of the above outcomes is decided upon, the impacts of coke plant operation remain unknown. Staff will continue to track the status of the coke calciner and will be evaluating potential paths forward later this year.

Visit this webpage for more information: <https://www.baaqmd.gov/rules-and-compliance/rule-development/barct-implementation-schedule>.

Particulate Matter (PM) Reduction Efforts:

Status / Next Milestones:

- PM Planning efforts underway.

Background: The Air District’s Advisory Council convened a conference series on undifferentiated particulate matter, with a focus on fine (PM_{<2.5}) particulate matter. This series included presentations

and discussions among nationally recognized scientists, health professionals, industry, community members, and the Air District, identifying the most effective measures to further protect public health. The symposia highlighted this public health challenge, as well as information and tools to inform future policy decisions. The first symposium took place on October 28, 2019, and covered topics on particulate matter health effects and particulate matter exposure and risk. In February 2020, staff also participated in a Particulate Matter Community Summit held in Richmond, California. The Summit was co-organized by representatives from 350 Bay Area, 350 Marin, All Positives Possible, California Climate Health Now, New Voices Are Rising, the Sunflower Alliance, and Vallejo Citizen Air Monitoring Network, and highlighted Air District's efforts to better assess the impacts of particulate matter, current rule development efforts to reduce particulate matter emissions and exposure, and policy concepts for further addressing particulate matter and reducing the public's exposure. Approximately 30 people attended, sharing a meal in addition to expressing their concerns regarding particulate matter, its sources, and its health effects. Staff also presented information to the Advisory Council during a technical policy discussion in May 2020.

At a joint meeting with the Air District Board of Directors in December 2020, the Advisory Council presented its Particulate Matter Reduction Strategy Report, which included findings, a framework for evaluation reduction strategies, and recommendations.

Discussion / Key Updates: Staff has met with community stakeholders in Bayview Hunters Point (San Francisco), including touring large aggregate facilities and construction sites. Staff took the opportunity to document community concerns surrounding PM and witness PM-related activity that may impact community health.

Staff is currently investigating ways to further reduce particulate matter emissions that are consistent with the Air District's authority under that California Health and Safety Code, including potential measures to further reduce emissions and public exposure from particulate matter sources, such as restaurants and concrete batch plants.

The Air District has also established a Policy-focused PM Internal Working Group (IWG) to collaborate with the PM Design Team (consisting of representatives from community groups) on Air District PM reduction efforts. Rule Development staff are currently mapping PM-related rule developing activities and reviewing a potential PM reduction Resolution for the Board of Director's consideration.

Path to Clean Air – Richmond San Pablo CERP – Rule Development:

Status / Next Milestones:

- Rules is participating in the cross-divisional Internal Path group (led by Planning and Community Engagement) and weighing in bi-weekly
- The Internal Path group has created agenda topics for Community Steering Committee (CSC) meetings through ~January 2022
 - o Plans for the January – March 2022 agendas are still in discussion
- Rules will give its first presentation – a Rules 101 presentation – to the CSC in December

Background: The Richmond, North Richmond, San Pablo community was designated as the next Bay Area community to develop a Community Emissions Reduction Plan under AB617. A

Community Steering Committee has been selected to co-lead the effort and Air District staff are working internally to guide and support the community led process. A cross-divisional team, referred to as the Internal Path group, meets biweekly to discuss the path to successfully develop the CERP.

Discussion / Key Updates: Rules will assist, as needed, AIM and M&M with the launch of a Technical Assessment CSC subgroup. The ad hoc technical assessment group is envisioned to provide opportunity to dive into technical pieces of the CERP in greater depth and/or earlier in the process, in order to provide the CSC with the best information to use in selecting strategies for the CERP. Rule Development will participate with respect to developing and prioritizing regulatory strategies.

COMMUNITY ENGAGEMENT DIVISION V. EADY, SR. DEPUTY EXECUTIVE OFFICER
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Community Engagement and Outreach Programs

AB 617 Community Health Protection Program

- **December 7, 2021** - Staff attended CARB's 2021 public meeting on Community Recommendations and Selection Process for the Community Air Protection Program. The Environmental Justice and Community Engagement Officer gave public comment in support of the recommendation from the Board of Directors for an East Oakland CERP.
- **October 28, 2021** - Staff attended the CARB public meeting on AB 617 to hear a panel discussion about progress made on AB 617, including a report out from Veronica Eady about the work in the Bay Area.

West Oakland AB 617

- Staff continue to meet with our West Oakland Co-Leads (WOEIP) on a weekly basis to discuss next steps for implementation of the Community Action Plan and design the following month's Steering Committee meeting.
- **December 15, 2021 - Health Advisory Committee Meeting** - This monthly meeting focused on recent hyperlocal air pollution research and birth outcomes in Oakland. Guest presenters also discussed air pollution and heat exposure on birth outcomes in addition to birth outcome data access and availability.
- **December 1, 2021 - West Oakland AB617 Steering Committee Meeting** – WOEIP shared updates on the realignment process and introduced the new AB617 Program Manager. The City of Oakland presented on its General Plan and how the plan intersects with the WOCAP
- **November 17, 2021 - Health Equity Advisory Committee** – Air District staff attended this convening of physicians and public health professionals in support of the WOCAP. WOEIP and the Environmental Defense Fund host these meetings monthly. Brent Bucknum from Urban Biofilters presented his organization's efforts to green West Oakland.
- **November 3, 2021 - West Oakland AB617 Steering Committee Meeting** - WOEIP and the Air District updated the Steering Committee on WOCAP project realignment. Breakout groups informed the ongoing discussion on the transition from Subcommittees to Implementation Teams and Ad Hoc Workgroups. The co-leads also updated the Steering Committee on a budding partnership with the local West Oakland Health Clinic to provide indoor air filtration units to community members with respiratory health challenges.

- **October 14, 2021 - Press Conference at the West Oakland Health Council WOHC**, Air District leadership, WOHC and WOEIP announced the distribution of 30 indoor air filters to West Oakland community members with compromised respiratory health issues.
- **October 6, 2021 - West Oakland AB 617 Steering Committee Meeting**, The Steering Committee commemorated the 30th anniversary of Environmental Justice Principles and WOEIP provided an update from the Health and Equity Council. The Steering Committee provided feedback on the creation of Implementation Teams.

Richmond/San Pablo AB 617

- **December 29, 2021 - Community Description Ad Hoc Working Group meeting** – Bi-monthly meeting with CSC members to develop community description portion of the CERP report.
- **December 27, 2021** - All four new members who were selected and approved by the Board accepted their nominations and are now being onboarded to join the CSC in January.
- **December 16, 2021 - Technical Assessment Ad Hoc Working Group meeting** – Bi-monthly meeting with CSC members to work on developing the technical assessment work for the CERP
- **December 15, 2021 - Community Description Ad Hoc Working Group meeting** – Bi-monthly meeting with CSC members to develop community description portion of the CERP report
- **December 13, 2021 - CSC monthly meeting** – Staff hosted the ninth PTCA CSC meeting, which included trainings on rules and permitting, as well as a vote to finalize the boundary and an update on the community air pollution and asset mapping project.
- **December 8, 2021 - Meeting with Director Gioia** - Air District staff met with Dir. Gioia to discuss various updates on Richmond-North Richmond-San Pablo AB617 work.
- **November 18, 2021 - CERP Steering Committee Co-Chairs Meeting** – Air District staff met with Co-chairs (Y’Anad Burrell and Alfredo Angulo) to discuss and review the December PTCA Community Steering Committee agenda items presentations.
- **November 15, 2021 - Meeting with Director Gioia** - Air District staff met with Dir. Gioia to discuss various updates on Richmond-North Richmond-San Pablo AB617 work including the Community Air Monitoring Plan Information provided in response to Mayor Butt's request, an update on the Flare Rule
- **November 15, 2021 - Path to Clean Air (PTCA) Community Emissions Reduction Plan (CERP) Steering Committee Meeting** - Air District Staff and PTCA Co-Chairs hosted the Steering Committee meeting to discuss the CARB late submittal notification plan, review the Social Pinpoint Tool early findings, discuss the tools and methods for assessing and understanding key air quality issues, and discuss the draft CERP boundary.
- **November 9, 2021 - CERP Steering Committee Co-Chair Meeting** – Staff (Karissa, Anna, Kelly, Wendy, Lily, Kevin, David, Dan) met with Co-chairs (Y’Anad Burrell and Alfredo Angulo) to discuss and review the November PTCA CSC agenda items presentations and discuss other related RSP work.
- **November 9, 2021 - AB617 Conflict Resolution and Collaborative Problem-Solving Training** - Staff met with presenters Sarah Rubin, Larry Harrison, Karen Cohn, and Saharnaz Mirzazad for 2.5 hours to discuss the theme of Tools and Strategies for Managing Conflict. Sarah Rubin discussed strategies and tools for navigating conflict. A rotating panel including

Larry Harrison, Karen Cohn, and Saharnaz Mirzazad discussed using relationships, process, and facilitation/active listening skills to navigate and resolve conflict.

- **October 27, 2021 - AB617 Conflict Resolution and Collaborative Problem Solving Training** – Presenters Michael Kent, Y’Anad Burrell, Khalid Kadir, and Michelle Pierce met with Air District staff for 2.5 hours to discuss the theme of Understanding and Identifying the Root Causes of Conflict. A panel including (Michael Kent, Y’Anad Burrell, Khalid Kadir) discussed their different perspectives on understanding and identifying sources of organizational conflict. Michelle Pierce discussed her shared/lived experiences on understanding intergenerational historical trauma from environmental injustices.
- **October 26, 2021 - Meeting with Dir. Gioia** – Air District staff met with Dir. Gioia to discuss various updates on Richmond-San Pablo AB617 Project work including the community organizing grants, potential town hall event, PTCA Steering Committee and recruitment process, and the social pinpoint tool.
- **October 19, 2021 - AB617 Conflict Resolution and Collaborative Problem-Solving Training Meeting** - Staff meet with Michael Kent, Y’Anad Burrell, Khalid Kadir, and Michelle Pierce to discuss and prepare for the internal AB617 Staff Training Series.
- **October 18, 2021 - Path to Clean Air Steering Committee Meeting** - Air District Staff and PTCA Co-Chairs hosted the Steering Committee meeting to introduce the Monitoring Outreach team, provide an overview of the key issues approach, and begin a discussion around air quality modeling and monitoring. Air District staff continue to meet the PTCA Co-chairs on a bi-weekly basis and plan/prepare for future Steering Committee meetings and other related projects.
- **October 12, 2021** - Staff met with leadership from the DTSC Cleanup Program to discuss the AstraZeneca cleanup site—an issue of concern that has been brought up by the CSC and community organizing groups like CBE.
- **October 7, 2021** - Staff met with Sarah Ruben from the Department of Conservation to discuss her leading the training for 617 staff on conflict resolution and management.
- **October 5, 2021** - Staff met with Ayah Hassan from Ramboll to discuss their request to share air monitoring data they have collected in coordination with Groundwork Richmond.

Spare the Air Resource Teams

- **November 12, 2021 - Napa Valley Clean Air Coalition** – Napa Valley Clean Air Coalition met via Zoom on Friday, November 12, 2021, at 1:00 pm. At the meeting, the Napa Valley Clean Air Coalition received updates from Regeneration Napa County and brainstormed ways to work together to reduce congestion and VMT. The Coalition also discussed outreach to promote transit use.
- **October 21, 2021 - Contra Costa County Spare the Air Resource Team** – Contra Costa County Spare the Air Resource Team met via Zoom on Thursday, October 21, 2021, at 11:00 am. Laurie Talbert from 511 Contra Costa joined the meeting to share information about their programs with the Team. The Team invited 511 Contra Costa to share what they do with an eye toward future partnership and collaboration, specifically on outreach to employers to reduce SOV commuting. The Team also shared updates related to ongoing Idle Free Bay Area projects.
- **October 20, 2021 - Santa Clara County Spare the Air Resource Team – Santa Clara County Spare the Air Resource Team** met via Zoom on Wednesday, October 20, 2021, at

10:00 am. At the meeting, the Team received an update from the Bike Pool Committee and discussed next steps for the project.

- **October 20, 2021 - San Mateo County Spare the Air Resource Team – San Mateo County Spare the Air Resource Team** met via Zoom on Wednesday, October 20, 2021, at 1:00 pm. At the meeting, the Team received an update on the SHRM Survey. Melissa Foley and Andy Keeton drafted a survey for SHRM Northern California members. The purpose of the survey is to identify SHRM members who have responsibilities in TDM, and to gain and understanding of how to support them. The Team also received an update on how ACT is exploring emergency preparedness.
- **October 15, 2021 - Sonoma County Spare the Air Resource Team – Sonoma County Spare the Air Resource Team** met via Zoom on Friday, October 15, 2021, at 10:30 am.
- **October 13, 2021 - San Francisco Spare the Air Resource Team – San Francisco Spare the Air Resource Team** met via Zoom on Wednesday, October 13, 2021, at 1:00 pm. At the meeting, the Team received a recap of the SF Transit Month. The Team also received an update on their Clipper Transit Card giveaway.
- **October 8, 2021 - Napa Valley Clean Air Coalition – Napa Valley Clean Air Coalition** met via Zoom on Friday, October 8, 2021, at 1:00 pm. At the meeting, the Coalition recapped the results of their Idle Free Street Banner – Pledge Promotion. The Coalition also received updates on their V-Commute Promotion to Municipalities and Regeneration Napa County Collaboration projects.

Community Grant Program

- Staff continued working with FY 2019-2020 James Cary Smith Grantees and School Community Grantees to discuss project updates, available resources, and workplan adjustments due to COVID-19.
- **December 29, 2021** - Staff met with James Cary Smith Grantee, Sequoia Foundation, to discuss the organization's project Scope of Work.
- **December 30, 2021** - Staff met with SOMCAN to discuss award of James Cary Smith funds pending Board approval and the organization's proposed project.
- **December 15, 2021** - Staff met with John Cary Smith Grantee, NorCal Resilience, to discuss the organization's plan to withdraw from the grant program.
- Emails have been sent to begin coordination with the refocused James Cary Smith Community Grant grantees.
- **Week of October 11, 2021** - Staff reviewed all 45 proposals for the revised James Cary Smith Community Grant Program and trained and facilitated the review panel comprised of one community member, one agency partner representative from MTC, and two Air District staff from Diversity, Equity, Inclusion Office (DEI) and Technology Implementation Officer (TIO).

Community Advisory Council

- Staff are working with our new Councilmembers to compile headshots and bios for the CAC website and setting up other systems in place to support meeting logistics and technology to launch the first meeting to be held on January 13, 2021, at 6 p.m. via Zoom.
- Staff are also preparing the agenda and presentations from the Chair of the Board, Jack Broadbent, Veronica Eady and Adan Schwartz and potential press (release scheduled for January 10, 2022).

- **December 14, 2021 and December 16, 2021** - Staff hosted two meet and greet sessions with Community Advisory Councilmembers to answer questions regarding required forms and other questions regarding their first meeting in January.
- **December 6, 2021** - Staff supported both Chair Chavez and Jack P. Broadbent in a successful Oath Ceremony in which CAC members were sworn in.
- **Week of October 11, 2021** - Staff partnered with colleagues in DEI and the Exec office to prepare and facilitate Community Advisory Council interviews.

Training

- **December 14, 2021 - Pathway to Equity** – Staff attended the final of 10 sessions of Pathways to Equity, this session centered on creating intentional opportunities to pause and reflect on our work.
- **November 30, 2021 and December 7, 2021 - Pathways to Equity Training** – Staff attended the 8th and 9th sessions of the Pathways to Equity Training, these modules focused on equity in design processes.
- **November 30, 2021 - Microaggression and Allyship Training** – Staff attended a training on Microaggressions and Allyship in the Workplace hosted by the DEI Office.
- **November 16, 2021 and November 23, 2021 -Pathways to Equity Training** – Staff attended the sixth and seventh sessions of the Pathways to Equity Training, these modules focused on meaningfully engaging community.
- **November 16, 2021 and November 18, 2021 - Microaggression Trainings**—Staff attended a two-hour training focused on microaggressions. The training included interactive activities such as video discussions on how to identify microaggressions and group discussions on personal experiences.
- **November 3, 2021, November 5, 2021, November 10, 2021, and November 12, 2021 - Technology of Participation Training** – Staff participated in four half day facilitation trainings to learn the well-known and respected ToPs method for facilitation. Sessions focused on preparing and facilitating focused discussions, building consensus, and collaborative action planning.
- **November 2, 2021 and November 10, 2021 - Pathways to Equity Training** – Staff attended the 4th and 5th sessions of the Pathways to Equity Training, these modules focused on racist practices in the built environment and work that is underway to redesign spaces for equity.
- **October 29, 2021 - Agile Scrum Workshop #7** – Staff participated in the 7th workshop in the Agile Scrum series.
- **October 19, 2021 and October 26, 2021 - Pathways to Equity 10-week Course** – Staff participated in the Pathways to Equity Course. The 10 week online interactive program is designed to introduce methods for equity in practice, historical and systemic racism within the built environment, self-reflective and community building practices, and strategies for community engagement.
- **October 15, 2021 - Agile Program Management Workshop** – Staff attended the Air District Agile Workshop to learn and apply Agile project management tools.
- **October 12, 2021 - Pathway to Equity** – Staff attended the first of a ten-course series to center equity in community engagement. Training focused on team building, setting groups norms, and reviewing definitions of equity.

Other

- **December 16, 2021** - Staff attended the Alameda County Supervisor Miley Townhall Regarding the Truck Ban on I-580
- **December 9, 2021 - CEQA Threshold Public Workshop** – Staff MCed the CEQA Threshold Public workshop.
- **December 9, 2021 - Consultant Bench RFQ Scoring Panel** – Staff facilitated the scoring panel for the Consultant Bench proposals. The review panel included one community member from the Richmond/North Richmond/San Pablo CERP Steering Committee.
- **December 8, 2021 - Stipend Policy Focus Group** – Staff facilitated a focus group with an additional six community members to learn about their experiences partnering with government agency and their insights about fair and equitable compensation for community participation in Air District programs.
- **November 30, 2021 - Stipend Policy Focus Group** – Staff facilitated a focus group with six community members to learn about their experiences partnering with government agency and their insights about fair and equitable compensation for community participation in Air District programs.
- **November 24, 2021 - Bay Air Center meeting with Sherman Oaks School** – Staff attended a brief meeting with a parent representative from Sherman Oaks School in San Jose to respond to a request for more information about air monitoring around the school.
- **November 22, 2021 - Bay Air Center meeting with Councilmember Taylor/Belle Haven Community** – Staff met with Councilmember Taylor and the Bay Air Center team to review her requests for technical assistance and examples for how the Bay Air Center can meet her requests.
- **November 19, 2021 - Bay Air Center meeting with Alameda County Library** – Staff joined a check-in meeting with Alameda County Library. The team reviewed sample drafts for air quality displays in the libraries. The Bay Air Center received feedback to incorporate.
- **November 16, 2021 - Equity/EJ Focus Group on GHG CEQA Thresholds** – Staff provided Zoom and facilitation assistance for the Planning Team’s focus group with EJ/Equity partners to inform the CEQA Thresholds.
- **November 10, 2021 - Coordinating Call with Sequoia Foundation and Clarity** – Staff participated in a call with Sequoia Foundation and Clarity to coordinate on key stakeholders in East Oakland, AB617 designation, potential for collocation of sensors in West Oakland to understand other sensor initiatives and how strategies can align across partners.
- **November 9, 2021 - CPUC Energy Utility Dept Workshop** – Staff sat on a panel to share various methods for compensating small CBOs and community members.
- **November 4, 2021 - Meeting with Education Collective for Environmental Justice (ECEJ)** – Staff met with Laura Diaz, the Executive Director of Education Collective for Environmental Justice, to discuss potential alignment with the BAC. Laura briefly reviewed ECEJ’s current air monitoring efforts and project needs. The BAC team then presented the range of resources offered by the BAC and had an initial conversation about formally partnering with ECEJ. At the end of the meeting, Laura committed to developing a proposal for the BAC to consider in which she’ll provide greater detail about ECEJ’s air monitoring capacity/needs.
- **November 1, 2021 - Tour with Higher Ground at Brookfield Elementary School** – Staff participated in a tour at Brookfield Elementary School in East Oakland to learn about Higher

Ground's efforts to improve air quality and reduce exposure to poor air quality. Staff also learned about resiliency efforts and environmental education components of the program.

- **October 27, 2021 - CE & EJ Bench Bidders Conference** – Staff participated in a pre-bidders conference to present the RFQ requirements, instruct on how to apply, and answer any questions from potential candidates.
- **October 21, 2021 - Bay Air Center Meeting with Alameda County Public Library** – Staff participated in a meeting with the Bay Air Center, Meteorology and Measurement and staff from the Alameda County Library to review technical assistance options for their libraries.
- **Weeks of October 11, 2021 and October 18, 2021 - Community Advisory Council Interviews and Interview Review Panel** – Staff joined DEI and Exec Office staff to prepare, facilitate and record 29 CAC candidates. Staff also prepared and facilitated a review panel of three board members and one community member to select a slate of 15 candidates for the CEHJ Committee.

**OFFICE OF DIVERSITY, EQUITY, AND INCLUSION
T. WILLIAMS, MANAGER**

In the fourth quarter of 2021, the Office of Diversity, Equity & Inclusion (DE&I Office) focused on six (6) functional areas; Board of Directors/Community Equity, Health and Justice Committee support, strategic planning, Community Engagement strategies, Human Resources strategies, trainings, and communications.

Board of Directors/Community Equity, Health and Justice Committee Support –

The DE&I Office worked with the Community Advisory Council (CAC) Planning Team, Community, Equity, Health and Justice Co-Chairs, and Air District executives to finalize next steps in the CAC selection process. The Office subsequently participated in the CAC candidate interviews with a representative from the Human Resources Department. Approximately 30 candidates participated in the individual ten-minute interviews. As part of the CAC selection process, the Office, Sr. Deputy Executive Officer Eady, Environmental Justice and Community Engagement Officer Peesapati and the CAC Planning Team met with the CAC Selection Committee (Air District Board of Directors Gioia, Melgar, and Wilson and one community member) to coordinate the Committee's review of the recorded CAC applicant interviews. The Selection Committee approved a final slate of 15 candidates to move forward within the process for CEHJ Committee approval. Two youth council seats were subsequently added.

The DE&I Office participated and offered support in the Air District Special Board of Directors meetings. During the first meeting, the Board participated in an Advancing Racial Equity, Structural Racism, and Environmental Justice Training. This training was the first phase of an equity training series for the Board. As part of the series, the DE&I Office later was a presenter in the Environmental Justice Training Module: Partnerships and Power Sharing. This presentation highlighted the need for meaningful engagement and partnerships with communities.

The DE&I Office worked with Sr. Deputy Executive Officer Eady, Deputy Nudd, Community Engagement Officer Peesapati and staff to develop the Community Equity Health and Justice

Committee Workplan for 2022. During these discussions, agendas and topics were established for the calendar year.

The DE&I Office presented at the Community Equity Health and Justice (CEHJ) Committee Meeting in December. The DE&I Office provided an update on current efforts, activities, and programming underway at the Air District to foster equity and inclusion. Items discussed included the strategic approach to normalize, organize and operationalize diversity, equity, and inclusion initiatives.

DE&I Strategic Planning -

For the fourth quarter of 2021, the DE&I Office updated its demographic analysis report of all Air District employees by race/ethnicity and gender compared to the Bay Area working age adults ages 18-64. Below is a snapshot of the data within the report:

*Bay Area - ACS

Ethnicity/Race	
American Indian/Alaskan Native	1%
Asian (Non Hispanic or Latino)	24%
Black or AA (Non Hispanic/Lat)	5%
Hispanic or Latino	20%
Unknown or Other	4%
White (Non Hispanic or Latino)	47%

Air District

Ethnicity/Race - All Air District	
American Indian/Alaskan Native	1%
Asian	40%
Black or AA	8%
Hispanic or Latino	9%
Unknown or Other	2%
White	41%

*Bay Area - ACS

Gender	
F	50%
M	50%

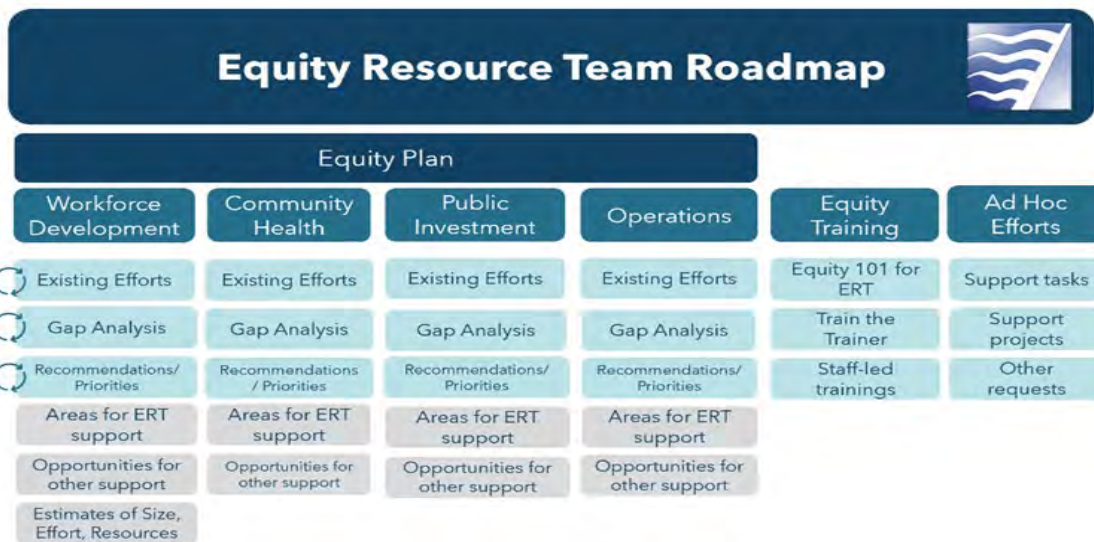
Air District

Gender - All Air District	
F	43%
M	57%

Note: Figures shown (+/- 1% due to rounding)

*ACS is the American Community Survey Census Bureau's 5 yr. average (age 18-64) for the SF Bay Area

In the fourth quarter of 2021, the DE&I Office led the Air District Equity Resource Team meetings. The team created an Equity Resource Team Roadmap for creating an Air District Equity Workplan.



In the fourth quarter of 2021, the DE&I Office participated in multiple Live Events for staff. The DE&I Office presented information on several items including Breast Cancer Awareness Month, National Disability Employment Awareness Month, Domestic Violence Awareness Month, and Native American Heritage Month. In addition, information was shared about Transgender Day of Remembrance and the proper usage of gender pronouns as related to the transgender community.

The DE&I Office attended and provided support for the Distributed Work Policy meetings held independently for staff and the management team. The informative sessions provided information to all employees regarding the process as the Air District moves towards a hybrid work environment. In the future, the DE&I Office will play an integral role with the Human Resources Department in mitigating and assisting potential work location (e.g., remote, in-office) disagreements between staff and supervisor.

The DE&I Office participated in Accessibility discussions and planning sessions with the Human Resources and Information Services Departments. In this regard, accessibility ensures that all people can perceive, understand, navigate, and interact with electronic information and be active, contributing members of the digital world. Visual, auditory, physical, speech, cognitive, and neurological disabilities should be taken into account when implementing accessibility measures. These measures apply to webpages, presentations, and other forms of communication. The purpose of these meetings is to ensure the Air District is compliant.

Community Engagement/DE&I Strategies-

The DE&I Office participated on the James Cary Smith grant panel. The panel reviewed and scored 45 grant applications. Applicants were asked to answer several questions in their applications describing details about their project, partnerships for their projects, their relationships in the community of the project and any previous success for fulfilling projects.

The DE&I Office and Community Engagement Stipend Team met with Sr. Deputy Executive Officer Eady and Environmental Justice and Community Engagement Officer Peesapati to provide

a strategy for implementing a standardized stipend policy for community members who hold positions on Air District led committees and councils. As part of the process, the DE&I Office and Community Engagement Stipend Team met with community members in focus groups to also incorporate community members' recommendations.

Human Resources/DE&I Strategies –

As part of the Cultural Advisory Team (CAT), the DE&I Office coordinated the Coffee Chat presentation by guest speaker, Federico Castillo Ph.D., an environmental agricultural economist from the University of California at Berkeley. During his presentation, Dr. Castillo focused his discussion on environmental justice and the Latin American community.

The DE&I Office participated in the Succession Planning Team with Sr. Deputy Executive Officers Eady and Breen. The team discussed the feasibility of a succession program at the Air District which will include a mentoring program, internal leadership development and monitor personnel staffing trends due to retirement.

The DE&I Office met with the Human Resource management team and MEB Consulting Group to discuss diversity and inclusion strategies related to recruitment and retention' best practices that support equitable outcomes

Trainings –

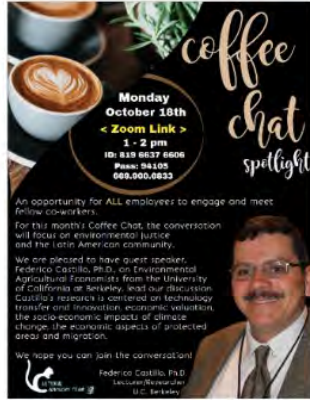
The DE&I Office participated in the Step-Up Equity Matters training session with the Human Resources team. Training focused on recognizing patterns of reaction in interactions related to biases and inequities in the workplace and practicing effective interactions to further the conversation of equality in the workplace.

The DE&I Office invited staff to participate in Microaggression and Allyship Training focused on helping participants achieve an inclusive environment by raising awareness of the importance of seeing the world through the eyes of someone of a different age, race, gender, or other characteristics. The training focused on how to avoid microaggressions and create a workplace built on respect and courtesy and an appreciation of our differences.

Communications/Newsletters -

The DE&I Office continued to provide educational and informational content on the Public Bulletin Board and within the employee newsletter. Communication included information about the Coffee Chat discussion regarding the Latin American community and environmental justice, Microaggression and Allyship Training, Native American Heritage Month, and Transgender Day of Remembrance.

Sample communications:



**STRATEGIC INCENTIVES DIVISION
K. SCHKOLNICK, DIRECTOR**

Key Performance Indicators

Key Performance Indicators for the period of October 1, 2021 to December 31, 2021.

<i>Activity</i>		<i>Count</i>	<i>Amount/Description</i>
Projects	New Applications Evaluated	39	\$5,774,133
	Contracted	16	\$13,592,444
	Amended	26	\$5,228,481
	Payments Processed	54	\$11,844,728
Outreach	Presentations	4	263 Attendees
Reports	Submitted to CARB	7	CAP Yearly Report FARMER Semi-Annual Report VW ZEFM Quarterly/Semi-Annual VW LDV Quarterly/Semi-Annual GMP Semi-Annual
	Submitted to EPA	1	Woodsmoke Incentive Program 2021 Q3
Disbursements/Grant Revenue Received		4	CMP Year 22 / \$4,601,359.50 CMP Year 23 / \$1,559,695.00 CMP Year 23 State Reserve / \$290,610.00 VW ZEFM 12,679,000
Applications submitted for new revenue		2	CMP Year 24 State Funds / \$42,000,000 FARMER 4 / \$5,756,900
Grant agreements/amendments executed with Funding Source		1	Amendments to GMB18 and GMB19

Key Accomplishments and Milestones

Carl Moyer Program (CMP), Mobile Source Incentive Fund (MSIF), Funding Agricultural Replacement Measures for Emission Reductions Program (FARMER), and Community Air Protection Program – In cooperation with California Air Resources Board (CARB), the Air District administers State-funded grant programs including the CMP, MSIF, FARMER, and the Community Health Protection Grant Program. These programs provide funding to reduce emissions from existing heavy-duty engines in on-road vehicles, school buses, off-road, agricultural and marine equipment, and locomotives by replacing these with cleaner new equipment including zero emission equipment and supporting infrastructure when eligible. Staff evaluated applications, contracted with grantees for eligible projects, monitored project performance, conducted outreach and webinars to promote funding opportunities, submitted disbursement requests and funding reports, and participated in meetings and educational/informational events related to these programs.

Key Administrative Activities and Reports:

- CMP Year 24 application was sent to CARB requesting \$42M, October 12, 2021.
- Staff updated the CMP Policy and Procedures, AB1390 methodology to expand priority areas and project criteria, October 13, 2021.
- Staff submitted to CARB the Semi-annual FARMER Report for the period April 1, 2021 – October 30, 2021, October 27, 2021.
- FARMER Round 4 application was submitted to CARB requesting tentative disbursement of \$3,756,900 and an additional \$2M, November 1, 2021.
- Staff met with CARB and CAPCOA on the Carl Moyer Guidelines: Chapter 4 On Road Recommended Updates, November 2, 2021.
- Staff met with CARB and CAPCOA to discuss updates to the general terms and conditions in the grant funding contracts between CARB and air districts, November 4, 2021.
- Staff submitted CAP Yearly Report to CARB, November 29, 2021.
- Staff submitted two Board resolutions to CARB authorizing the Air District to accept funds from CARB for FARMER and Year 24 CMP and State Reserve, December 8, 2021.

Coordination Meetings, Events, and Other Activities:

- Staff attended CARB's Virtual One-Stop Event and hosted a District exhibitor booth, October 7, 2021.
- Staff met with PG&E to discuss opportunities for co-funding, November 9, 2021.
- Staff attended trainings, workshops, and webinars on:
 - CALSTART's All-Electric TRU Incentives and Total Cost of Ownership
 - CARB's Amendments to the In-Use Off-Road Regulation
 - CARB's New Programs and Regulations
 - Off-road Equipment: Tier 5
 - Community Air Protection (CAP) Incentives Reporting

Transportation Fund for Clean Air (TFCA) – Funded through a \$4 surcharge on motor vehicles registered within the nine Bay Area counties to implement projects that reduce on-road motor vehicle emissions within the Air District’s jurisdiction. Sixty percent (60%) of TFCA funds are awarded directly by the Air District’s Regional Fund and forty percent (40%) are passed-through and awarded by the nine designated Bay Area agencies through the County Program Manager (CPM) Fund.

Audit #22: The authorizing legislation for this revenue requires audits be conducted at least bi-annually to determine whether funds were used to implement the approved projects in accordance with applicable State law. This quarter, staff coordinated with auditors Simpson & Simpson regarding Audit #22, which involved the review of 100 Regional Fund projects that were completed between July 1, 2019 and December 31, 2020. Throughout the quarter, staff and the auditor had ongoing communications regarding the progress and completion. Staff presented the audit results to the Mobile Source and Climate Impacts Committee in December.

County Program Manager (CPM) Fund:

- Staff received and reviewed biannual reports and new FYE 2022 project information from County Program Managers, November 1, 2021 – November 5, 2021.
- Staff released Expenditure Plan Guidance for Fiscal Year Ending 2023, December 23, 2021.

Proposition 1B Goods Movement Program (GMP) – This program provides funding for upgrades and replacement of diesel trucks, locomotives, transportation refrigeration units (TRUs), cargo handling equipment, and shore power equipment. The program has \$10 million available for projects that reduce diesel emissions and health risk from freight movement vehicles and equipment along California trade corridor.

Staff participated in the Goods Movement Regional Working Group meeting on October 27th, 2022. The Program’s seventh solicitation began accepting applications on September 13, 2021, and closed on October 28, 2021 for on-road trucks, and on December 17, 2021 for other equipment categories. Staff mailed annual reporting forms to grantees on December 31st, 2021.

Volkswagen (VW) Environmental Mitigation Trust Fund Program - The VW Environmental Mitigation Trust will provide approximately \$360M to mitigate the excess nitrogen oxide emissions caused in California by VW’s use of illegal emissions testing defeat devices. Under contract to CARB, San Joaquin Valley, South Coast, and Bay Area air districts are administering VW Program funding, with the Bay Area Air District responsible for the administration of two pots of funding: 1) for the installation of new electric and hydrogen fueling stations for light duty vehicles, and 2) for the scrap and replacement of heavy-duty forklifts, airport ground support equipment, port cargo-handling equipment, engines of marine vessels, and the installation of shore power systems for ocean going vessels.

Staff conducted outreach, worked to finalize program solicitation materials and resources, and participated in coordination meetings with the other administering air districts and CARB.

Coordination Meetings, Events, and Other Activities: Staff submitted Quarterly and Semi-Annual reports to CARB.

Light-Duty Infrastructure (LDI) – Hydrogen-Fueling Stations – The \$5 million was awarded through a competitive solicitation conducted under a contract with the California Energy Commission (CEC). The deadline to submit applications was May 22, 2020. On December 9, 2020, the CEC approved award of VW funds to five stations (\$1 million each). Two of these stations are in the Bay Area and are anticipated to be constructed by 2022. During this quarter staff continued to coordinate with the CEC and routinely met with project partners to discuss the status of light-duty hydrogen stations.

LDI – Electric Vehicle (EV) Stations - A competitive solicitation offering \$5 million opened on May 11, 2021. The application deadline was extended to August 18, 2021, and by this deadline 18 applications were received requesting over \$40 million. Staff reviewed and ranked applications and posted the Notice of Proposed Awards and the ranking list on November 23, 2021. Staff sent CARB a Disbursement Request for \$5 million on December 10, 2021.

Zero-Emission Freight and Marine Projects (ZEFM) – A competitive solicitation offering \$35 million was conducted June 18 - August 31, 2020. A first-come, first served solicitation seeking to award the remaining ~ \$34 million, opened on May 25, 2021, and was set to close on September 22, 2021, but the deadline was later extended to March 22, 2022.

Zero-Emission Hydrogen Ferry Demonstration Project – This Project, funded by CARB and administered by the Air District, will demonstrate the feasibility of hydrogen fuel cells for use in the commercial maritime industry by deploying a zero-emission hydrogen ferry in the San Francisco Bay. Construction on the ferry started in November 2018 and is expected to be completed by mid-2022. Staff hosted a monthly meeting with project partners to discuss the project’s status.

Woodsmoke Reduction Program – This program is funded by the Environmental Protection Agency (EPA) Targeted Airshed Grant (TAG) program and is scheduled to open in mid-2022. The program is currently under development and this quarter staff conducted work on program materials and the online application portal. The program will replace approximately 325 woodstoves & fireplace-inserts with zero-emission heat pumps initially in West Oakland and Richmond-San Pablo. Staff submitted the third quarter report for the period July 1, 2021, - October 30, 2021 and attended the EPA’s monthly Residential Wood Smoke Working Group meetings. Staff also met with consultant Trinity Technology regarding enhancements to the data management system.

AB617:

- Staff attended AB617 Inter-Division Coordination Meetings.
- Staff attended an AB617 Training Module on Conflict Resolution and Collaborative Problem Solving, October 27, 2021.
- Staff presented port-related funding opportunities at the West Oakland Port Collaborative workgroup meeting, November 12, 2021.
- Staff teleconferenced with Center for Environmental Public Policy staff to discuss a hydrogen fueling station project at the Port of Oakland, November 19, 2021.
- Staff participated in the Port of Oakland’s 2020 and Beyond Technical Workgroup, December 6, 2021.

Other SID Coordination Meetings and Events

- Staff attended the following program webinars, workshops, and meetings:
 - Monthly CAPCOA Mobile Source and Grants Sub-Committee Meetings
 - Monthly meetings with regional, state, and federal government staff to discuss updates on the development of hydrogen stations in California
 - Metropolitan Transportation Commission’s Transportation Demand Management Working Group Meeting
 - Bay Area Transportation Agencies Roundtable Meetings
 - CARB Hearing on Amendments to the Small Off-Road Engine (SORE) Regulation
 - CARB virtual workgroup meeting to discuss emissions inventory associated with the proposed Advanced Clean Fleets regulation
 - CARB Public Hearing to Consider Proposed Fiscal Year 2021-22 Funding Plan for Clean Transportation Incentives Accompanied by Proposed Changes to Moyer Program
 - CARB’s development of California’s heavy-duty vehicle inspection and maintenance
 - CARB workshop: Transport Refrigeration Units
 - CARB’s “Amendments to the In-Use Off-road Diesel Regulation” Webinar
 - Quarterly EV Council Meeting
 - “How Porterville Transit is Using EVs to Improve its Shuttle Services” Webinar
 - “Breaking Down EV Barriers” Webinar
 - “Managed Charging” Workshop
 - “Unlocking Total Cost of Ownership for California Fleets with Alternative Fuels” Webinar hosted by Gladstein, Neandross & Associates
 - Medium- and Heavy-Duty Vehicle Electrification Workshop, hosted by the National Association of State Energy Officials
 - Electric Program Investment Charge (EPIC) Symposium
 - “Policy & Popcorn on VMT reduction” Webinar hosted by UC, Davis
 - “US EPA Bipartisan Infrastructure Law Clean School Bus Program” Webinar
- Staff presented at the “Stack Incentives and Maximize Funding to Jumpstart Your School’s Electric Bus Fleet”, co-hosted with GNA, and PG&E, 202 attendees
- Staff attended the following internal trainings:
 - “Agile – Retrospective” Workshop
 - CivicClerk Agenda Management System and User Training
 - Inclusive Hiring Workshop with Step Up Equity Matters Workshop
 - Microaggressions and Allyship in the Workplace Training

Open Grant Solicitations Administered by SID (as of January 19, 2022)

- ***Heavy-Duty Mobile and Stationary Equipment Replacement*** – Funding is available for eligible projects that reduce emissions from mobile and stationary sources by replacing old, high-polluting vehicles and equipment with clean technologies. Project types include heavy-duty-trucks, school, transit and shuttle buses, marine vessels, locomotives, off-road construction, industrial, agricultural, port, and freight equipment, and stations and alternative fueling stations-that support advanced clean vehicles and technology. Priority is given to projects that benefit AB 617-identified communities and other areas highly impacted by air pollution. Grant funding is provided by the CMP, Community Air Protection, MSIF, TFCA, and FARMER programs.
- ***Low- and Zero-Emissions School Bus Program*** – Funding is available for public school districts, Joint Powers Authorities (JPAs), and contracted fleets in the Bay Area for bus replacements, engine repowers or electric conversions, natural gas tank replacements, and electric charging & alternative fueling infrastructure projects.
- ***Passenger Car and Light-duty Truck Retirement*** – The Vehicle Buy Back Program pays Bay Area residents \$1,200 per vehicle to turn in their operable, registered, model year 1997 and older passenger cars or light-duty trucks for scrapping.
- ***VW Zero-emissions Freight and Marine Program*** - \$34 million in Volkswagen Environmental Mitigation Trust funding is available statewide on a first-come, first-served basis, to owners of eligible equipment who will scrap and replace airport ground support equipment, heavy-lift forklifts, and/or port cargo handling equipment with new, commercially available zero-emission technologies; scrap and re-power ferry, tugboats, or towboats with all-electric engines; and/or install portside oceangoing vessel shore power systems at berths. At least 75 percent of funding will be awarded to projects that reduce emissions in California’s disadvantaged and low-income communities.

**METEOROLOGY & MEASUREMENT DIVISION
R. CHIANG, DIRECTOR**

Air Quality Forecasting

	# of Days	Dates
Spare the Air alerts called for ozone	2	10/2, 10/3
Spare the Air Alerts called for PM _{2.5}	0	
Exceedances of the national 8-hour ozone standard (70 ppb)	2	10/2, 10/3
Exceedances of the national 24-hour PM _{2.5} standard (35 µg/m ³)	0	

Two Spare the Air alerts were called for ozone in the Bay Area and two exceedances for ozone were observed during the fourth quarter of 2021. No Spare the Air alerts were called for PM_{2.5} and no exceedances were observed. On October 2 and 3, high pressure over the Bay Area resulted in hot inland temperatures and light winds, leading to exceedances of the federal ozone standard.

Laboratory

Subsequent to the shelter-in-place due to COVID-19, the laboratory has continued to operate on a rotation, performing support for critical ambient air monitoring programs including PM₁₀, PM_{2.5}, PM_{coarse}, SASS, toxics canisters, and aldehydes.

During the fourth quarter the laboratory has continued to bring other instrumentation online and has continued to focus on document revision, method and systems evaluation, and modernizing procedures amenable to digitalization.

Regulatory Air Monitoring

Twenty-nine air monitoring sites were operational during the fourth quarter 2021. Operations were adjusted to ensure staff safety and compliance with applicable county health directives pertaining to COVID-19 response. Despite having to adapt to the logistical challenges posed by the shelter-in-place directives, staff continued to exceed all quality objectives while maintaining an average data capture rate for continuous criteria pollutant measurements of **90.78%**.

Napa Valley College station was demobilized on May 20, 2021 due to development efforts on the college campus. District staff are scouting alternate locations to replace the closed station. A new station location in Napa is currently under review with lease negotiations.

Berkeley Aquatic Park station was vandalized on October 1, 2021 and was offline until necessary repairs are complete. The AM-Operations team is working to have the electrical line replaced.

Refinery Community Monitoring

- o District employees are currently working with the City of Benicia with site development plans in a candidate location.

Community Monitoring

Staff continued in-motion field testing monitoring capabilities of the Air Monitoring Van and began data collection for the air toxics monitoring project described in the AB 617 Richmond-San Pablo Monitoring Air Monitoring Plan.

Performance Evaluation

All gas analyzers and particulate samplers were found to be operating within the Air District's established accuracy limits (25 monitoring stations, 75 parameters).

- o The section has been conducting as many audits as possible, while still respecting social-distancing guidelines, as well as everyone's personal-parameter requests for health and safety needs.
- o The section completed the TVA QC Check/Calibration System for the Compliance and Enforcement Division. The section calibrated one-third of the C&E Division's (18) TVAs (Toxic Vapor Analyzers) during October. The PE Section, working with the C&E Division, developed a schedule so that six (6) TVAs are calibrated by our section each month.
- o The section's third quarter audit results were compiled and uploaded to AQS. All the third quarter official audit reports were compiled, reviewed, and completed as well.
- o Several auditing standards were transported to CARB for regularly scheduled certification.
- o Ground-Level Monitoring (GLM) audits of hydrogen sulfide (H₂S) and sulfur dioxide (SO₂) gas-analyzers were conducted at Marathon and Shell Refineries.

- o PE Section members attended CARB’s PQAO Training. The section found it a worthwhile training.
- o Regular departmental duties continued, including audits; report processing and review; database management; and equipment testing and maintenance.

Air Quality Analysis

General Monitoring Analysis and Summaries

- Completed draft analysis for annual air quality report.

Inter-agency Collaboration, Conferences and Workshops

- Presented at the NACAA 2021 Virtual Fall Meeting (October 20, 2021 – October 21, 2022) and at the NACAA Monitoring Steering Committee (November 29-30).
- Attended NACAA and EPA calls about EPA American Recovery Plan Grant FRP for enhanced community monitoring and NACAA calls to discuss changes to PM_{2.5} monitoring requirements that accompany NAAQS revisions.

AB 617: Richmond-North Richmond-San Pablo Path to Clean Air

Monitoring Plan Implementation

- Coordinated with community monitoring project leads on information to provide in quarterly monitoring updates.
- Assisted with developing a preview of the Air District’s air toxics mobile monitoring project to be included in the quarterly monitoring update describing 2021 third quarter work.
- Monitoring Outreach Team (MOT):
 - o Held final monthly meeting on October 12, 2021 to prepare a presentation for the CERP Community Steering Committee (CSC).
 - o Compiled and reviewed the quarterly monitoring update for the third quarter of 2021; update released November 2021.
 - o Introduced the MOT, its membership, team purpose, and accomplishments to the CERP CSC in a presentation at the CSC’s meeting on October 18, 2021.

Support for the Community Emissions Reduction Plan (CERP)

- Coordinated with AIM division on developing the CERP technical assessment, including building out a project roadmap, providing input on the CERP CSC meeting schedule and agenda topics, and preparing presentation materials for CERP CSC meetings.
- Prepared monitoring datasets and analyses to support the CERP technical assessment effort.
- Delivered presentations to the CERP CSC:
 - o Introduction to the MOT (October 18, 2021, meeting).
 - o Assessing Air Quality Impacts: Concepts and Tools (November 15, 2021, meeting).
- Developed and delivered presentations on monitoring information for internal technical assessment meetings.
- Prepared materials for and held first meeting of the Technical Assessment Ad Hoc workgroup (December 16, 2021).

Technical Support to Bay Area Communities and Stakeholders

- East Oakland
 - o Coordinated meeting w/ Sequoia Foundation and Clarity to learn about their project to develop a sensor network grant partnership w/ WOEIP and east Oakland schools.
 - o Conduct a series of virtual meetings with CBE staff researchers to learn about their air pollution concerns and data or analysis needs for East Oakland in preparation for EPA's ARP grant announcement.
- Eastern SF / Bayview-Hunters Point
 - o Coordinated numerous meetings between EPA and the Air District concerning Navy air monitoring activities at the Shipyard.
 - o Drafted letter to the Navy on specific request air monitoring data and improving public/community accessibility.
 - o Participated in on-site field visit to the Shipyard with EPA Region 9.
 - o Provided Greenaction and Tracking California available PM₁₀ data from San Francisco Arkansas St. station.
- Co-lead Bay Air Center pilot phase operations with Community Engagement:
 - o Continue to work with Bay Air Center (BAC) to develop informational resources about air quality, sensors, and data interpretation.
 - o Oversaw BAC's field testing of Sensor Verification System and subsequent data analysis, a step in developing a program to provide on the ground QA support for community sensor networks.
 - o Ongoing technical support from District and Bay Air Center for the following projects:
 - Alameda County Library – informational displays on air quality
 - Belle Haven (Councilwoman Taylor) – community-focused air quality analysis and training on accessing and interpreting data
- Developed and presented conceptual ideas for development of a “getting started kit” with resources and analysis for AB617 and other communities.
- Conducted interview w/ students at Gunn Senior High School about principal air quality specialist role at the Air District and air quality in the Bay Area.
- Conducted interview with students at Amador Valley High School about air quality and urbanization in the Bay Area.

Technical Advising to Air District divisions and the Board

- Compliance and Enforcement:
 - o Reviewed the monitoring design for 13 new and revised Asbestos Dust Monitoring Plans.
 - o Consulted with Legal on questions related to asbestos sampling and testing.
- Communications: Prepare information for or conduct interviews with press on including
 - o Conducted interview w/ SF Examiner on Air District support of the sensor network operated by Greenaction in Bayview Hunters Point
 - o Conducted interview w/ SF Chronicle on the use of Purple Air sensors in the Bay Area
 - o Conducted interview with The Potrero View about monitoring requirements in an NOA ADMP in the neighborhood

- o Reviewed, edited, and recorded script for air sensors video for the Communications Office social media posting

Source Test

- Evaluations and implementation of new measurement technologies and developed test procedures relevant to AB617, Regulation 11-18 and emission inventory improvement.
- Oversight of the Regulation 12-15 fence line monitoring programs and initiation of hydrogen sulfide monitoring requirements.
- Continued refinery CEMS compliance audits in partnership with the Compliance and Enforcement Division.
- Attended virtual 46th Annual A&WMA Information Exchange.
- Initiated assembly of workgroup to review of South Bay Odor Attribution Study draft reports.
- Attended EPA Emissions Inventory Virtual Seminar Series.
- Attended fourier-transform infrared spectroscopy (FTIR) Advanced User Training.
- Continued management review of Injury & Illness Prevention Plan (IIPP).
- Continued development of source test prioritization system and review of current practices.
- Source tests conducted:
 - o Conducted FTIR field trial and expanded post-analysis software reference library.
 - o Performance of source tests to determine emissions of precursor organic compounds, and toxic air contaminants.
 - o Performance of source tests to determine emissions of particulate matter.
 - o Performance of tests to assess the compliance status of gasoline cargo tanks, gasoline dispensing facilities, gasoline terminal loading and vapor recovery systems.
 - o Evaluation of independent contractor conducted source tests to determine report acceptability and source compliance.
 - o Evaluation of CEMS installations and ongoing compliance, including monitoring plan review and approval.
- Technical advising to Air District Divisions:
 - o Advice and guidance to Engineering on emission data interpretation, permitting handbook condition revisions, Rule 11-18 health risk assessments and air toxics, permit development, and facility annual emission reporting.
 - o Advice and guidance to Compliance and Enforcement and Legal on emission data interpretation, recommendations for further evaluation indicating potential violations, CEMS compliance audits, and ongoing enforcement actions.
 - o Advice to the Rules Section on development of Rule 13-5.
 - o Continued review and revision of BAAQMD Permit Handbook standard permit conditions and Tier 4 engine permit conditions as requested by Engineering.
 - o Advice and meeting participation on AB-617 internal workgroups and knowledge gap analysis.

EXTERNAL AFFAIRS
L. FASANO, OFFICER

Acterra Sponsorship

Acterra presented and hosted the Holiday ReFresh Event on Sunday, November 7, 2021, sponsored by the Air District. Of the 225 registrants, 134 watched/participated in the event. Acterra provided the event summary and statistics for the November 7, 2021 – Holiday ReFresh online event, over 225 signed up and 130 viewed the event live. Holiday ReFesh focused on use of induction cooking, the holidays and climate-friendly cuisine. Five “Hopin” sessions were hosted, each featuring a Bay Area chef and moderator, including Martin Yan from Yan Can Cook. All five of the dishes prepared were completely plant-based, and each chef had 30 minutes for their cooking demonstration. The event was followed by a 7-minute presentation about induction cooktops, plant-forward diets, preventing wasted food and an overview of the featured moderators and chefs. The demonstrations for each dish were lively and enjoyable even by video. The mentioned the effectiveness of induction cooktops and gave general tips for plant-based cooking and baking as well as their specific recipes. Information about the event is available at <https://www.acterra.org/holiday-refresh>

- [Specific Demonstration Notes](#)
- [Full Acterra Report and Statistics](#)

Staff met with the Acterra Judging Committee to discuss finalists for the Spare the Air Leadership Award. Committee is currently conducting interviews with the finalists and winner will be selected and will be recommended to the Acterra Board of Directors.

Commuter Benefits Program

Staff continue to research, discuss, and develop parking policy and measures. Staff is currently reviewing the State of Washington’s Commute Trip Reduction Ordinance, San Joaquin Air District Indirect Source Rule and South Coast Air Quality Management District Indirect Mobile Source Rules and Regulations.

Continued coordination with MTC Commuter Benefits Team regarding:

- Developed initial framework for development of team and budget to implement EN7
- Telework Guidance Documents
- Enforcement Action Plan and Messaging
- Regional Parking Policy
- Joint budget and staffing for the Commuter Benefits Program going forward

Community Equity Event

Staff developed presentation for the new Community Advisory County members regarding the Winter 2023 Community Conference event. External Affairs team will follow up with the Environmental Justice and Community Engagement Officer to discuss when to bring the topic of the Community Equity Event to the committee for input.

Conferences/Webinars

Staff attended the following conferences:

NACAA Coffee Break – EPA’s National Air Training Program

NACAA National Fall Membership Meeting
NACAA Public Outreach Committee
EPA Cleaner Indoor Air During Wildfires Challenge Webinar
Prospect SV Peer Forum: Transit Innovation Webinar
Plan Bay Area 2050 Board Meeting; Items Proposed – Increased Transportation Sustainability and Possible Commute Targets/Air District Senior Transportation Planner made recommendation to MTC/ABAG Board to approve the Plan Bay Area 2050 Plan.
Veloz Summit – Breaking Down EV Charging

Flex Your Commute

Flex Your Commute website went live the week of November 15, 2021. A press release went out on November 18, 2021, to announce the new website. An E-blast was sent to the Cut the Commute signatories announcing the launch of *Flex Your Commute* and encouraging them to sign the new *Flex Your Commute* pledge.

Staff continue to consult with Caribou Public Relations regarding program promotion. Request for Proposal (RFP) scope for *Flex Your Commute* contract is in the process of getting drafted.

Flex Your Commute advertising began on LinkedIn and KCBS Radio on January 18, 2022 and concluded on January 31, 2022. Additional advertising will be conducted following the RFP and selection process for a *Flex Your Commute* program contractor.

Michelson 20MM Foundation

Grant contract for Michelson 20MM Foundation, Inc. was process and executed. Check was mailed out on January 13, 2022. Grantee will use funding to further the equitable advancement of the middle-mile network throughout the nine-county Bay Area region ensuring currently underserved households and businesses have access to internet connectivity.

South Coast AQMD Emergency Response Support

Staff assisted South Coast AQMD Communications Director with the Dominguez Channel Odor issue by attending daily briefings with Operations Team, Elected Officials and Incident PIO's. Strong hydrogen sulfide or H₂S odor was emanating from the Dominquez Channel in the beginning of October. More than 2000 residents from the area were being housed in the local area hotels. Public Works, Public Health, LA County HazMat and SCAQMD were working in an incident command structure to investigate and mitigate the odors and develop a Channel restoration plan.

Veloz

A letter of support for “Veloz Electric for All” campaign grant funding was submitted.

Miscellaneous

Staff joined Alan Abbs on a conversation with Geoff Neil (activity by CSAC) regarding the broadband internet effort under review by the CPUC. Received an update on activity to date. Offered support for any communication regarding equitable access to middle-mile internet infrastructure funding for all counties.

Staff drafted and submitted a memo to Richard Corey regarding the California Public Utilities (CPUC) Broadband comments.

STATISTICS			
<u>Administrative Services:</u>		<u>Compliance Assistance and Operations Program:</u>	
Accounting/Purchasing/Comm.		Asbestos Plans Received	1537
General Checks Issued	1715	Coating and other Petitions Evaluated	10
Purchase Orders Issued	526	Open Burn Notifications Received	900
Checks/Credit Cards Processed	5237	Prescribed Burn Plans Evaluated	11
Contracts Completed	108	Tank/Soil Removal Notifications Received	10
RFP/RFQ	3	Compliance Assistance Inquiries Received	75
		Green Business Reviews	0
		Refinery Flare Notifications	18
<u>Executive Office:</u>			
APCO'S Meetings Attended	351		
Board Meetings Held (including Budget Hearing and CAF)	6	<u>Compliance Assurance Program:</u>	
Committee Meetings Held (including Richmond Area CERP)	17	Industrial Inspections Conducted	1429
Advisory Council Meetings Held	3	Gas Station Inspection Conducted	140
Hearing Board Meetings Held	0	Asbestos Inspections Conducted	126
New Variances Received	0	Open Burning Inspections Conducted	8
		PERP Inspections Conducted	7
		Mobile Source Inspections	0
<u>Information Systems:</u>		Grant Inspections Conducted	74
New Installation Completed	9		
PC Upgrades Completed	2		
Service Calls Completed	989	<u>Engineering Division:</u>	
		Annual Update Packages Completed	
<u>Human Resources:</u>		New Applications Received	242
Manager/Employee Consultation (Hrs.)	350	Authorities to Construct Issued	198
Management Projects (Hrs.)	400	Permits to Operate Issued (New and Modified)	154
Employee/Benefit Transaction	600	Permit Exemptions (Entire application deemed exempt)	0
Training Sessions Conducted (Group)	12	New Facilities Added	100
Training Sessions Conducted (Individual)	9	Registrations (New)	20
Applications Processed	211	Health Risk Assessments (HRA)	59
Exams Conducted	12		
New Hires	14	<u>Communications and Public Information:</u>	
Promotions	18	Responses to Media Inquires	68
Separations	6	Events Staffed with Air District Booth	6
Payroll Administration (Hrs.)	900		
Safety/Wellness Administration	150	<u>Community Engagement:</u>	
Inquiries	4000	Presentations Made	6
<u>Facility/Vehicle:</u>		Visitors	0
Request for Facility Service	52	Air District Tours	0
Vehicle Request(s)	21	Community Meetings Attended	47
Vehicle Maintenance/Service/Repair(s)	43		

STATISTICS (continued)			
Compliance and Enforcement Division:		4th Quarter 2021 Agricultural Burn Days	
Enforcement Program		Oct. – Dec. Permissive Burn Days-North	65
Violations Resulting in Notices of Violations	269	Oct. – Dec. No-Burn Days-North	27
Violations Resulting in Notice to Comply	0	Oct. – Dec. Permissive Burn Days-South	62
New Hearing Board Cases Reviewed	0	Oct. – Dec. No-Burn Days-South	30
Reportable Compliance Activity Investigated	241	Oct. – Dec. Permissive Burn Days-Coastal	62
General Complaints Investigated	729	Oct. – Dec. No Burn Days-Coastal	30
Wood Smoke Complaints Received	385		
Mobile Source Violations	0	Laboratory	
		Analyses Performed	1240
Meteorology Measurements & Rules:		Inter-Laboratory Analyses	0
4th Quarter 2021 Ambient Air Monitoring			
Days Exceeding Nat'l 24-Hour PM _{2.5} Std.	0	Technical Library	
Days Exceeding Nat'l 24-Hour PM ₁₀ Std.	0	Titles Indexed/Cataloged	
Days Exceeding State 24-Hour PM ₁₀ Std.	0	Periodicals Received/Routed	
Days Exceeding the Nat'l 8-Hour Ozone Std.	2	Reportable Compliance Activity Investigated	
Days Exceeding the State 1-Hour Ozone Std.	1	Source Test	
Days Exceeding the State 8-Hour Ozone Std.	2	Cargo Tank Tests Performed	0
		Total Source Tests	37
Ozone Totals, Year to Date 2021		Pending Source Tests	0
Days Exceeding State 1-Hour Ozone Std.	5	Further Evaluation Notices Recommended	14
Days Exceeding Nat'l 8-Hour Ozone Std.	9	Contractor Source Tests Reviewed	3,573
Days Exceeding State 8-Hour Ozone Std.	9	Outside Test Observed	21
		Further Evaluation Notices Recommended After Review	13
Particulate Totals, Year to Date 2021		Contractor Source Test Protocols Reviewed	26
Days Exceeding Nat'l 24-Hour PM _{2.5} Std.	2	Contractor Source Tests invalidated	20
Days Exceeding Nat'l 24-Hour PM ₁₀ Std.	0		
Days Exceeding State 24-Hour PM ₁₀ Std.	0	Continuous Emissions Monitoring (CEM)	
		Indicated Excesses Emission Reports Evaluated	43
Ground Level Monitoring (GLM)		Monthly CEM Reports Reviewed	102
Oct. – Dec. Ground Level Monitoring SO ₂ Excess Reports	0	Indicated Excess from CEM	91
Oct. – Dec. Ground Level Monitoring H ₂ S Excess Reports	0	Field Accuracy Tests Performed	2

These facilities have received one or more Notices of Violations
Report period: October 1, 2021 – December 31, 2021

Alameda County

Status Date	Site # Site Name	City	Regulation Title
10/13/2021	Z9773 Liaoning Benefit Petroleum	Alameda	Failure to Meet Permit Conditions
10/20/2021	Z9866 East Bay Regional Park District	Alameda	Failure to Meet Permit Conditions
10/20/2021	Z9808 SFD	Alameda	Asbestos; Written Plan or Notification
12/1/2021	Z9773 Liaoning Benefit Petroleum	Alameda	GDF Phase I Equipment Not Maintained
12/7/2021	A6976 Arco AM/PM	Alameda	GDF Standard Phase I Requirements
12/7/2021	A6976 Arco AM/PM	Alameda	GDF Phase II Equipment Not Maintained
10/12/2021	Z9772 MFD	Berkeley	Asbestos; Written Plan or Notification
10/12/2021	A3590 City of Berkeley/Engr Div/Public Works	Berkeley	Failure to Meet Permit Conditions
10/29/2021	Z9704 Exxon	Berkeley	No Authority to Construct
11/8/2021	A4449 Electro-Coatings of California Inc	Berkeley	Failure to Meet Permit Conditions
11/10/2021	Z9912 Scot/Gov	Berkeley	Asbestos; Schedule Changes and Updates
11/22/2021	A3590 City of Berkeley/Engr Div/Public Works	Berkeley	Failure to Meet Permit Conditions
11/22/2021	A3590 City of Berkeley/Engr Div/Public Works	Berkeley	Solid Waste Disposal Gas Collection System Installation Requirements
12/1/2021	A2309 City of Berkeley Transfer Station	Berkeley	No Permit to Operate
12/2/2021	A3590 City of Berkeley/Engr Div/Public Works	Berkeley	Landfill Emission Control System Requirement
12/2/2021	A3590 City of Berkeley/Engr Div/Public Works	Berkeley	Standards for New Stationary Sources
10/6/2021	E2597 Crossings at 880 Industrial, LLC	Fremont	Failure to Meet Permit Conditions
10/7/2021	A1438 Tesla, Inc	Fremont	Non-Compliance; Major Facility Review
10/12/2021	A1438 Tesla, Inc	Fremont	Non-Compliance; Major Facility Review
10/13/2021	Z9771 SFD	Fremont	Asbestos; Schedule Changes and Updates
10/19/2021	E3087 Gooch and Housego (Palo Alto) LLC	Fremont	Failure to Meet Permit Conditions
10/29/2021	A1438 Tesla, Inc	Fremont	Parametric Monitoring and Recordkeeping Procedures
11/8/2021	A1438 Tesla, Inc	Fremont	Non-Compliance; Major Facility Review
11/8/2021	A1438 Tesla, Inc	Fremont	Non-Compliance; Major Facility Review
11/8/2021	Z9885 SFD	Fremont	Asbestos; Written Plan or Notification
11/10/2021	A8391 Western Digital Corporation	Fremont	Failure to Meet Permit Conditions
11/30/2021	A1438 Tesla, Inc	Fremont	Non-Compliance; Major Facility Review
12/7/2021	A1438 Tesla, Inc	Fremont	Non-Compliance; Major Facility Review
12/21/2021	A1438 Tesla, Inc	Fremont	Non-Compliance; Major Facility Review
12/13/2021	FA113 Foothill Shell	Hayward	GDF Standard Phase II CARB Certified Requirement
12/13/2021	FA113 Foothill Shell	Hayward	GDF Phase II Equipment Not Maintained
12/28/2021	Z9589 Stonebrae Country Club	Hayward	GDF Standard Phase II CARB Certified Requirement
10/15/2021	Z4977 City of Livermore	Livermore	Failure to Meet Permit Conditions
10/15/2021	Z9814 Five Rivers Aviation	Livermore	Failure to Meet Permit Conditions
10/26/2021	Z9842 Herc Rentals	Livermore	GDF Standard Phase I CARB Certified Requirement
12/2/2021	FA066 City of Livermore	Livermore	GDF Standard Phase I CARB Certified Requirement
12/9/2021	FA104 ACRO Facility #00771	Livermore	Gasoline Dispensing Facility Phase I Requirements
10/4/2021	E3722 Central Valley Ag Services	Oakland	No Authority to Construct
10/4/2021	E3722 Central Valley Ag Services	Oakland	No Permit to Operate
10/7/2021	Z9861 ASA Drilling and Foundations	Oakland	No Authority to Construct
10/7/2021	Z9861 ASA Drilling and Foundations	Oakland	No Permit to Operate
10/7/2021	Z9861 ASA Drilling and Foundations	Oakland	Excessive Visible Emissions
10/8/2021	Z9852 Arco Facility #02107 - John Chao	Oakland	GDF Phase I Equipment Not Maintained
10/18/2021	Z5742 Lake Merritt Gasoline	Oakland	Failure to Meet Permit Conditions
10/18/2021	Z5742 Lake Merritt Gasoline	Oakland	GDF Operating Practices
11/17/2021	A2899 AC Transit District	Oakland	Failure to Meet Permit Conditions
11/17/2021	Z9940 Grand Petroleum	Oakland	Gasoline Dispensing Facility Phase II Requirements
11/18/2021	Z5742 Lake Merritt Gasoline	Oakland	GDF Phase II Equipment Not Maintained
11/18/2021	Z5742 Lake Merritt Gasoline	Oakland	GDF Phase I Equipment Not Maintained
11/18/2021	Z5742 Lake Merritt Gasoline	Oakland	GDF Standard Phase I Requirements
11/18/2021	Z5742 Lake Merritt Gasoline	Oakland	Gasoline Dispensing Facility Phase II Requirements
12/15/2021	Z8844 Pious Petroleum LLC	Oakland	Gasoline Dispensing Facility Phase II Requirements
12/16/2021	Z8270 Piedmont Shell #135765	Oakland	GDF Operating Practices
12/30/2021	FA117 Sierra Condos	Oakland	No Authority to Construct
12/30/2021	FA117 Sierra Condos	Oakland	New Source Review: Best Available Control Technology Requirement
12/30/2021	FA117 Sierra Condos	Oakland	No Permit to Operate
10/26/2021	Z9840 Santa Rita Chevron #98414	Pleasanton	GDF Phase I Equipment Not Maintained
11/4/2021	FA076 JI Petroleum Inc.	San Leandro	GDF Standard Phase II CARB Certified Requirement

These facilities have received one or more Notices of Violations
Report period: October 1, 2021 – December 31, 2021
(continued)

Marin County

Status Date	Site # Site Name	City	Regulation Title
10/20/2021	Z9806 California Highway Patrol	Corte Madera	Failure to Meet Permit Conditions
12/28/2021	Z9405 North Bay Gas	Fairfax	GDF Standard Phase I Requirements
10/20/2021	Z9810 Chevron Station #382136	Greenbrae	Gasoline Dispensing Facility Phase I Requirements
11/18/2021	Z4017 Salkhi Petroleum Corp	Novato	No Authority to Construct
11/18/2021	Z4017 Salkhi Petroleum Corp	Novato	Failure to Meet Permit Conditions
12/9/2021	E4662 Vulcan Materials Co dba Shamrock Materials	San Rafael	Failure to Meet Permit Conditions
12/15/2021	FA088 MFD	San Rafael	Asbestos; Wetting Method
12/15/2021	FA088 MFD	San Rafael	Asbestos; Containment Requirement

Napa County

Status Date	Site # Site Name	City	Regulation Title
10/20/2021	E5069 Eurostampa	Napa	No Authority to Construct
10/20/2021	E5069 Eurostampa	Napa	No Permit to Operate
12/8/2021	B2258 Vanderbilt International Inc	Napa	Emission Limitations for Sulfur Recovery Plants
11/16/2021	Z9921 Kelly's Fuel and Provisions	Yountville	GDF Operating Practices

San Francisco County

Status Date	Site # Site Name	City	Regulation Title
10/4/2021	Z9745 MFD	San Francisco	Asbestos; Written Plan or Notification
10/13/2021	A1860 Laguna Honda Hospital	San Francisco	Failure to Meet Permit Conditions
10/18/2021	Z9846 Golden Gate Bridge Hwy & Transit GDF	San Francisco	Failure to Meet Permit Conditions
11/4/2021	A4116 San Francisco Public Utilities Commission	San Francisco	Failure to Meet Permit Conditions
11/22/2021	FA041 Bavman	San Francisco	No Permit to Operate
11/22/2021	FA041 Bavman	San Francisco	No Authority to Construct
12/1/2021	FA089 San Francisco Maritime NHP	San Francisco	Excessive Visible Emissions
12/10/2021	B4223 Kilroy Realty, LP	San Francisco	No Authority to Construct
12/10/2021	B4223 Kilroy Realty, LP	San Francisco	No Permit to Operate
12/14/2021	Z9295 Salkhi Petroleum Inc	San Francisco	GDF Phase I Equipment Not Maintained
12/14/2021	Z9295 Salkhi Petroleum Inc	San Francisco	Gasoline Dispensing Facility Phase I Requirements
12/20/2021	C9560 City & County of SF - Fire Prevention	San Francisco	Failure to Meet Permit Conditions
12/20/2021	X2669 San Francisco Fire Department Station 5	San Francisco	No Authority to Construct
12/20/2021	X2669 San Francisco Fire Department Station 5	San Francisco	Failure to Meet Permit Conditions
12/20/2021	X2674 San Francisco Fire Dept Station 18	San Francisco	Failure to Meet Permit Conditions
12/20/2021	X2672 City of San Francisco Fire #9	San Francisco	Failure to Meet Permit Conditions
12/20/2021	X2670 San Francisco Fire Department Station 7	San Francisco	Failure to Meet Permit Conditions
12/20/2021	FA112 SF Fire Station #8	San Francisco	Failure to Meet Permit Conditions
12/20/2021	FA111 San Francisco Fire Station #13	San Francisco	Failure to Meet Permit Conditions
12/22/2021	FA115 Smart Demolition & Excavation	San Francisco	No Authority to Construct
12/22/2021	FA115 Smart Demolition & Excavation	San Francisco	No Permit to Operate

These facilities have received one or more Notices of Violations
Report period: October 1, 2021 – December 31, 2021
(continued)

San Mateo County

Status Date	Site # Site Name	City	Regulation Title
11/22/2021	B4546 Sewer Authority Mid-Coastside	Montara	Failure to Meet Permit Conditions
11/22/2021	B4548 Montara Sanitary District	Montara	Failure to Meet Permit Conditions
11/22/2021	B4548 Montara Sanitary District	Montara	No Authority to Construct
11/22/2021	B4548 Montara Sanitary District	Montara	No Permit to Operate
10/20/2021	E4207 Coit Com	Redwood City	No Permit to Operate
10/20/2021	E4207 Coit Com	Redwood City	No Authority to Construct
11/1/2021	B2652 CEMEX Construction Materials Pacific, LLC	Redwood City	Failure to Meet Permit Conditions
10/28/2021	FA132 Alamo Rent-A-Car	San Francisco	Failure to Meet Permit Conditions
10/28/2021	FA132 Alamo Rent-A-Car	San Francisco	Failure to Meet Permit Conditions
10/28/2021	FA132 Alamo Rent-A-Car	San Francisco	Failure to Meet Permit Conditions
10/28/2021	FA132 Alamo Rent-A-Car	San Francisco	Failure to Meet Permit Conditions
11/16/2021	Z9911 South San Francisco Fire Department	South San Francisco	Failure to Meet Permit Conditions
12/14/2021	Z8821 Salkhi Petroleum Inc.	South San Francisco	Failure to Meet Permit Conditions

Santa Clara County

Status Date	Site # Site Name	City	Regulation Title
10/21/2021	A9013 International Disposal Corp of CA	Milpitas	Landfill Emission Control System Requirement
12/8/2021	A1812 Kirby Canyon Recycling and Disposal Facility	Morgan Hill	Landfill Emission Control System Requirement
12/9/2021	A0639 Stanford University	Palo Alto	Failure to Meet Permit Conditions
10/6/2021	B7731 The Home Depot (Store #6621)	San Jose	Failure to Meet Permit Conditions
10/15/2021	Z9778 San Jose Fuel Company	San Jose	No Authority to Construct
10/15/2021	Z9778 San Jose Fuel Company	San Jose	No Permit to Operate
10/21/2021	Z9839 AeroDynamic Aviation	San Jose	No Permit to Operate
10/21/2021	Z9839 AeroDynamic Aviation	San Jose	No Authority to Construct
10/28/2021	A0049 Chevron Products Company	San Jose	Organic Liquid Storage Secondary Seal Requirements
11/1/2021	A0049 Chevron Products Company	San Jose	Standards for New Stationary Sources
11/1/2021	A0049 Chevron Products Company	San Jose	Standards for New Stationary Sources
11/23/2021	Z9939 Leigh Ave 76	San Jose	GDF Phase II Equipment Not Maintained
11/24/2021	Z6224 Communication Hill 2 Phase II Project	San Jose	Standards for New Stationary Sources
12/8/2021	A3294 Guadalupe Rubbish Disposal	San Jose	Landfill Emission Control System Requirement
12/15/2021	A0778 San Jose-Santa Clara Regional Wastewater Facility	San Jose	Failure to Meet Permit Conditions

Solano County

Status Date	Site # Site Name	City	Regulation Title
10/6/2021	B2626 Valero Refining Company - California	Benicia	Non-Compliance; Major Facility Review
10/6/2021	B2626 Valero Refining Company - California	Benicia	Continuous Emissions Monitoring & Record Keeping Procedures
10/11/2021	B2626 Valero Refining Company - California	Benicia	Organic Compounds Equipment Leaks Identification
10/11/2021	B2626 Valero Refining Company - California	Benicia	Equipment required Quarterly Inspections
10/21/2021	Z9838 Travis AFB - AAFES	Fairfield	Failure to Meet Permit Conditions
11/12/2021	Z9895 Travis Air Force Base	Fairfield	Failure to Meet Permit Conditions
12/9/2021	B8994 Solano County Div of Architectural Service	Fairfield	GDF Standard Phase I CARB Certified Requirement
10/12/2021	Z5741 Diamond Petroleum Inc dba Marina	Suisun City	GDF Phase II Requirement: Hold Open Latch
11/18/2021	A2039 Potrero Hills Landfill, Inc	Suisun City	Non-Compliance; Major Facility Review
11/18/2021	A2039 Potrero Hills Landfill, Inc	Suisun City	Parametric Monitoring and Recordkeeping Procedures
12/1/2021	A3319 Vallejo Flood and Wastewater District	Vallejo	No Authority to Construct
12/1/2021	A3319 Vallejo Flood and Wastewater District	Vallejo	No Permit to Operate
12/14/2021	Z9393 Broadway Exxon	Vallejo	GDF: Record Keeping Requirements

Sonoma County

Status Date	Site # Site Name	City	Regulation Title
12/9/2021	E4661 Vulcan Materials Co dba Shamrock Materials	Petaluma	Failure to Meet Permit Conditions
10/12/2021	Z9741 SFD	Santa Rosa	Prohibition of Fires: No Ignition
10/12/2021	Z9741 SFD	Santa Rosa	Prohibition of Fires: No Burning
10/22/2021	A2157 Syar Industries Inc	Santa Rosa	Failure to Meet Permit Conditions
10/28/2021	Z9864 SFD	Santa Rosa	Asbestos; Schedule Changes and Updates
12/1/2021	FA046 Reiter Construction	Sonoma	Open Burning; Prohibition of Fires

**Closed Notice of Violations with Penalties by County
October 1, 2021 – December 31, 2021**

Alameda				
Site Name	Site #	City	Penalty	# of Violations Closed
A B & I Foundry	A0062	Oakland	\$13,000	2
Alameda County GSA	A8996	Dublin	\$15,840	3
Au Energy LLC	Z1937	Fremont	\$1,200	1
Bay Ship & Yacht Co	A9684	Alameda	\$2,750	1
Berkeley Marine Center	B2692	Berkeley	\$1,500	1
CJC Santa Rita, LLC	Z8936	Pleasanton	\$2,000	2
Delphon Holdco LLC	B3243	Hayward	\$5,000	1
Lone Tree Cemetery Association	Z9496	Hayward	\$5,000	2
National Petroleum	Z8333	San Leandro	\$500	1
Northern Calif Power Agency	A1500	Alameda	\$10,000	6
P. W. Stephens Environmental, Inc.	Z6816	Fremont	\$750	1
P.W. Stephens Environmental, Inc	Z0961	Hayward	\$500	1
PW Stephens	Z7757	Hayward	\$5,000	1
Rafael Flores	U8720	Hayward	\$250	1
Salkhi Petroleum Inc.	Z8126	San Leandro	\$5,000	4
SAVE ON GAS	Z8577	Oakland	\$2,750	3
Silicon Valley Shell	Z9000	Newark	\$1,000	1
United Pacific dba 76	Z7316	Oakland	\$2,500	1
United Parcel Service	Z9617	Oakland	\$500	1
Vasco Road Chevron	Z9360	Livermore	\$750	2
Vincent Roofing Co Inc	Z9600	Hayward	\$1,000	1
Total Violations Closed:				37

**Closed Notice of Violations with Penalties by County
October 1, 2021 – December 31, 2021 (continued)**

Contra Costa				
Site Name	Site #	City	Penalty	# of Violations Closed
C Hammond Construction	U3580	Richmond	\$750	1
City of Antioch	B3787	Antioch	\$500	1
Contra Costa Water District	Z9269	Concord	\$2,000	2
Discovery Bay Yacht	Z9733	Discovery Bay	\$1,500	1
Five Star Gas & Groceries	Z6260	Martinez	\$500	1
Gold Coast Pipelines Inc	Z8253	Pittsburg	\$1,500	2
KND Investments, Inc	Z9341	Alamo	\$500	1
Martinez Refining Company LLC	A0011	Martinez	\$433,000	57
MECS INC	A0014	Martinez	\$50,000	1
Oakhurst CC	Z9110	Clayton	\$250	1
Perez Nursery	X9208	Brentwood	\$3,000	2
Safeway Stores Inc, Bakery Plant	A0093	Richmond	\$35,000	1
San Ramon Valley Fire Department - Station 32	E3595	Alamo	\$1,500	1
Sandstone Enviromental	Z9284	Oakley	\$2,000	1
Sims Metal Management	E3822	Richmond	\$2,000	1
State of CA - Dept of Water Resources	Z8616	Byron	\$5,500	2
Strauch and Company	Z9289	Brentwood	\$625	1
Tesoro Refining & Marketing Company, LLC	B2758	Martinez	\$2,202,000	72
Tesoro Refining & Marketing Company, LLC	E1200	Martinez	\$25,000	1
USS-UPI, LLC	A2371	Pittsburg	\$17,500	1
		Total Violations Closed:		151

**Closed Notice of Violations with Penalties by County
October 1, 2021 – December 31, 2021 (continued)**

Marin				
Site Name	Site #	City	Penalty	# of Violations Closed
Buck Institute for Age Research	E0644	Novato	\$750	1
Jakela Inc	Z8556	Novato	\$100	1
Novato Sanitary District	A1275	Novato	\$2,500	1
Total Violations Closed:				3
San Francisco				
Site Name	Site #	City	Penalty	# of Violations Closed
19th Avenue Valero	Z7570	San Francisco	\$750	2
CEMEX Construction Materials Pacific, LLC	B7111	San Francisco	\$7,500	1
Lawton 76	Z9097	San Francisco	\$3,000	2
Quality Gas for your Cash	V3276	San Francisco	\$1,000	1
St Luke's Hospital A/P,CPMC-STL Campus	A9313	San Francisco	\$3,000	1
Tamm Auto Service Corp	Z9151	San Francisco	\$250	1
United Airlines, Inc	A0051	San Francisco	\$35,000	4
Total Violations Closed:				12
San Mateo				
Site Name	Site #	City	Penalty	# of Violations Closed
Booster Fuels, Inc.	Z5881	San Mateo	\$51,000	3
Grand Martco Inc.	Z9473	Redwood City	\$3,000	1
JSD Construction	Z9567	Belmont	\$500	1
Menlo Park Fire Protection District	Z9339	Menlo Park	\$5,000	1
Sims Metal Management	A5152	Redwood City	\$2,000	1
Total Violations Closed:				7

**Closed Notice of Violations with Penalties by County
October 1, 2021 – December 31, 2021 (continued)**

Santa Clara				
Site Name	Site #	City	Penalty	# of Violations Closed
Arco AM/PM	Z6478	Campbell	\$1,800	2
Bay Area Residential Construction	Z9673	Campbell	\$750	1
Bonfare Markets	Z9715	Milpitas	\$1,000	1
Cochrane 76	Z8836	Morgan Hill	\$1,000	1
Gilberto Fernandez	V9729	Campbell	\$750	2
Hengehold Motors	Z9447	Palo Alto	\$500	1
Pick N Pull Auto Dismantlers	E4000	San Jose	\$60,000	1
Polanco Enterprises, Inc.	Z9403	Los Gatos	\$2,000	1
Presentation High School	B6995	San Jose	\$3,000	1
San Jose Water Company	Z9111	San Jose	\$1,000	2
Sanmina Corporation	B2158	San Jose	\$4,800	2
Solis Winery	Z7184	Gilroy	\$500	1
Stanford Golf Course	Z9390	Palo Alto	\$1,500	1
Varex Imaging	A9848	Santa Clara	\$2,000	1
Total Violations Closed:				18
Solano				
Site Name	Site #	City	Penalty	# of Violations Closed
Valero Refining Company	B2611	Benicia	\$45,000	2
Valero Refining Company	B5574	Benicia	\$48,500	3
Valero Refining Company - California	B2626	Benicia	\$98,000	11
Vallejo Flood and Wastewater District	A3319	Vallejo	\$1,500	1
Total Violations Closed:				17

**Closed Notice of Violations with Penalties by County
October 1, 2021 – December 31, 2021 (continued)**

Sonoma				
Site Name	Site #	City	Penalty	# of Violations Closed
Azari Vineyards	Z8652	Petaluma	\$625	1
Oswaldo Garcia	Z9302	Santa Rosa	\$1,500	1
Petaluma Creamery	B8712	Petaluma	\$3,500	1
Republic Services of Sonoma County, Inc	A2254	Petaluma	\$42,350	9
		Total Violations Closed:		12
District Wide				
Site Name	Site #	City	Penalty	# of Violations Closed
7-Eleven Inc.	Z8587	Irving	\$2,500	3
APRO LLC	Z8869	Long Beach	\$1,500	1
Carmax	Z4044	Richmond	\$500	1
Coastwide Environmental Technologies, Inc.	F0630	Watsonville	\$1,500	2
Demolition Services and Grading	W6489	Manteca	\$375	1
Gil Moore Oil Company	Z9207	Wilton	\$800	1
		Total Violations Closed:		9

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
Memorandum

To: Chairperson Karen Mitchoff and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: March 16, 2022

Re: Quarterly Report of California Air Resources Board Representative - Honorable
Davina Hurt

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

None.

DISCUSSION

Attached is the Quarterly Report of California Air Resources Board Representative - Honorable
Davina Hurt.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Justine Buenaflor
Reviewed by: Marjorie Villanueva

ATTACHMENTS:

1. CARB Quarterly Report for Representative Honorable Davina Hurt

To: **Members of the Board of Directors**
From: Davina Hurt, Board Member, California Air Resources Board
Date: February 16, 2022
Subject: Quarterly Report of My Activities as an Air Resources Board Member

The list below summarizes my activities as a California Air Resources Board member from November 1, 2021, through December 31, 2021:

October Activities

- 12th Portside CERP Briefing
Charging Infrastructure Briefing
- 14th CAPP Sub-Quorum
Portside CERP Meeting
- 21st Meeting w/ SCPPA re: Advanced Clean Fleets
- 22nd October Staff Briefing
- 26th Meeting w/ SJVAPCD re: SJV Attainment Issues
- 27th Meeting w/ Andy Guiliano re: Commercial Harbor Craft
- 28th October Board Meeting

November Activities

- 4th CAB/CTC/HCD Joint Meeting
- 12th November Staff Briefing
- 18th SoCal HQ Dedication and Air Talks
- 19th November Board Meeting

December Activities

- 3rd December Staff Briefing
- 9th December Board Meeting
- 14th Meeting w/ CARB Staff re: LCFS Petition
- 16th Meeting w/ Milk Producer's Council re: Methane and LCFS
- 20th Meeting w/ CA Forest Carbon Coalition re: Scoping Plan

Attachments: Public Agendas

October 14, 2021, Board Meeting Agenda

CONTACT

Clerk of the Board

Email cotb@arb.ca.gov

Phone (916) 322-5594

In accordance with recently enacted legislation, Assembly Bill 361, the October 14, 2021, meeting of the California Air Resources Board will not have a physical location open to the public. It will be a remote-only meeting conducted via a web-based videoconferencing service called Zoom. Members of the public who wish to comment verbally can register for the webinar.

Register for the Webinar – for those who wish to comment verbally at the hearing.

Alternatively, during the Board Meeting, members of the public can offer verbal comments by calling in via telephone. Members of the public do not have to register beforehand if they call in using the number below.

Phone Number: (669) 900-6833

Webinar ID: 841 5697 0551

To only watch the Board Meeting and not provide verbal comments, please view the webcast. The webcast is the same video stream offered by the California Air Resources Board (CARB or Board) during normal Board Meetings. If you do not wish to provide verbal comments, we strongly recommend watching the webcast as this will free up space on the webinar for those who are providing verbal comments.

Webcast – for those who only plan to observe the hearing.

How to Participate in the Remote Board Meeting

Agenda de la Reunión del Consejo del 14 de octubre de 2021

Spanish interpretation will be provided for the October Board Meeting.



Thursday, October 14, 2021 @ 4:00 p.m.

Discussion Item:

21-10-1: Public Meeting to Consider Assembly Bill 617 Community Air Protection Program – Community Emissions Reduction Program for the Portside Environmental Justice Neighborhoods

The community emissions reduction program was developed through a partnership between the San Diego Air Pollution Control District and the Portside Community Steering Committee. The Board will consider the Portside Environmental Justice Neighborhoods Community Emissions Reduction program as required by Assembly Bill 617 and will also consider adopting a California Environmental Quality Act exemption as part of its action.

- More Information
- Public Meeting Notice
- Staff Report
- Item Summary
- Meeting Presentation
- Proposed Resolution
- Submit Written Comments
- View Public Comments

Opportunity for Members of the Board to Comment on Matters of Interest

Board members may identify matters they would like to have noticed for consideration at future meetings and comment on topics of interest; no formal action on these topics will be taken without further notice.

Open Session to Provide an Opportunity for
Members of the Public to Address the Board
on Subject Matters within the Jurisdiction of



the Board

Although no formal Board action may be taken, the Board is allowing an opportunity to interested members of the public to address the Board on items of interest that are within the Board's jurisdiction, but that do not specifically appear on the agenda. Each person will be allowed a maximum of three minutes to ensure that everyone has a chance to speak. The public will also have an opportunity to submit written comments for open session the morning of the Board Meeting.

Other Information

Submit Comments Electronically the Day of the Board Meeting

View Submitted Comments

Please Note: PowerPoint presentations to be displayed during public comment at the Board meeting must be electronically submitted via email to the Clerks' Office at cotb@arb.ca.gov no later than noon on the business day prior to the scheduled Board meeting.

If you have any questions, please contact the Clerks' Office:

1001 I Street, 23rd Floor, Sacramento, California 95814

cotb@arb.ca.gov or (916) 322-5594

CARB Homepage: www.arb.ca.gov

Special Accommodation Request

Consistent with California Government Code section 7296.2, special accommodation or language needs may be provided for any of the following:

- An interpreter to be available at the hearing;
- Documents made available in an alternate format or another language;
- A disability-related reasonable accommodation.



To request these special accommodations or language needs, please contact the Clerks' Office at cotb@arb.ca.gov or at (916) 322-5594 as soon as possible, but no later than 7 business days before the scheduled Board hearing. TTY/TDD/Speech to Speech users may

dial 711 for the California Relay Service.

Acomodación Especial

Consecuente con la sección 7296.2 del Código de Gobierno de California, una acomodación especial o necesidades lingüísticas pueden ser suministradas para cualquiera de los siguientes:

- Un intérprete que esté disponible en la audiencia
- Documentos disponibles en un formato alternativo u otro idioma
- Una acomodación razonable relacionados con una incapacidad

Para solicitar estas comodidades especiales o necesidades de otro idioma, por favor contacte la oficina del Consejo al (916) 322-5594 o por correo electrónico al cotb@arb.ca.gov lo más pronto posible, pero no menos de 7 días de trabajo antes del día programado para la audiencia del Consejo. TTY/TDD/Personas que necesiten este servicio pueden marcar el 711 para el Servicio de Retransmisión de Mensajes de California.

(800) 242-4450 | helpline@arb.ca.gov
1001 I Street, Sacramento, CA 95814
P.O. Box 2815, Sacramento, CA 95812



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Advance Copy Public Meeting Agenda

Thursday, October 28, 2021

In accordance with recently enacted legislation, [Assembly Bill 361](#) (Chapter 165, Stats. of 2021) the October 28, 2021, meeting of the California Air Resources Board will not have a physical location open to the public. It will be a remote-only meeting conducted via a web-based videoconferencing service called Zoom. Members of the public who wish to comment verbally can register for the webinar.

Register for the Webinar – for those who wish to comment verbally at the hearing.

Alternatively, during the Board Meeting, members of the public can offer verbal comments by calling in via telephone. Members of the public do not have to register beforehand if they call in using the number below.

Phone Number: (669) 900-6833

Webinar ID: 856 2849 1395

To only watch the Board Meeting and not provide verbal comments, please view the webcast. The webcast is the same video stream offered by the California Air Resources Board (CARB or Board) during normal Board Meetings. If you do not wish to provide verbal comments, we strongly recommend watching the webcast as this will free up space on the webinar for those who are providing verbal comments.

Webcast – for those who only plan to observe the hearing.

[How to Participate in the Remote Board Meeting](#)

[Como Participar en la Reunión del Consejo a Distancia](#)

[Agenda de la Reunión del Consejo del 28 de octubre de 2021](#)

Spanish interpretation will be provided for the October 28, 2021, Board Meeting.

Thursday, October 28, 2021 @ 9:00 a.m.

Discussion Items:

21-11-1: Public Meeting to Hear an Informational Update on the Intergovernmental Panel on Climate Change Sixth Assessment Report: Findings and Implications for California

The Board will hear an update on the latest assessment of the scientific basis of climate change from the Intergovernmental Panel on Climate Change Sixth Assessment Report (IPCC-AR6), 2021. Topics to be covered include the improved understanding of human

influence on a wider range of climate characteristics, including extreme events on both global and regional scales, with an emphasis on the implications for California and national action on climate change.

- [Item Summary](#)
- [Meeting Presentation](#)
- [Submit Written Comments](#)
- [View Public Comments](#)

21-11-2: Public Meeting to Consider the 2020 Mobile Source Strategy

The Board will consider approval of the 2020 Mobile Source Strategy. The 2020 Mobile Source Strategy takes an integrated, scenario planning approach to determine the pathways forward for the various mobile sectors necessary to achieve California's air quality, climate, and community risk reduction targets.

- [More Information](#)
- [Public Meeting Notice](#)
- [Proposed 2020 Mobile Source Strategy](#)
- [Item Summary](#)
- [Meeting Presentation](#)
- [Submit Written Comments](#)
- [View Public Comments](#)

21-11-3: Public Meeting to Receive Informational Update on Assembly Bill 617 Community Air Protection and Air Toxics Programs

The Board will hear an informational update on progress and lessons learned to date from implementation of various aspects of the AB 617 Community Air Protection and Air Toxics Programs through two panels of invited speakers and CARB staff. The first panel will include Air District representatives, Community Steering Committee leaders, and Community Air Grantees and Supplemental Environmental Project recipients. The second panel will feature CARB staff representing Air Toxics, Enforcement, Office of Community Air Protection, and other programs.

- [More Information on Community Outreach and Enforcement](#)
- [More Information on Air Toxics Program](#)
- [Public Meeting Notice](#)
- [Item Summary](#)
- [Meeting Presentation](#)
- [Submit Written Comments](#)
- [View Public Comments](#)

Closed Session

The Board may hold a closed session, as authorized by Government Code section 11126(e), to confer with, and receive advice from, its legal counsel regarding the following pending or potential litigation:

Alliance for California Business v. California State Transportation Agency, et al., Sacramento County Superior Court, Case No. 34-2016-80002491.

American Lung Association, et al. v. United States Environmental Protection Agency, et al., United States Court of Appeals, District of Columbia Circuit, Case No. 19-1140.

Best Energy Solutions & Technology Corp., et al v. California Air Resources Board, et al., Kern County Superior Court, Case No. BCV-20-102198.

California v. Stout, et al., United States District Court, Central District of California, Case No. 2:20-cv-00371.

California v. Wheeler, et al., United States Court of Appeals, District of Columbia Circuit, Case No. 19-1239.

California, et al. v. United States Environmental Protection Agency, United States Court of Appeals for the District of Columbia Circuit, Case No. 21-1024.

California, et al. v. United States Environmental Protection Agency, et al., United States Court of Appeals, District of Columbia Circuit, Case No. 21-1014.

California Natural Gas Vehicle Coalition v. California Air Resources Board, et al., Fresno County Superior Court, Case No. 20CECG02250.

Clean Energy Renewable Fuels, LLC v. California Air Resources Board, Orange County Superior Court, Case No. 30-2020-01167039-CU-WM-CJC.

Competitive Enterprise Inst. v. NHTSA, United States Court of Appeals, District of Columbia Circuit, Case No. 20-1145 (consolidated with No. 20-1167).

Dalton Trucking, Inc. v. United States Environmental Protection Agency, U.S. Court of Appeals, District of Columbia Circuit, Case No. 13-1283 (dismissed), U.S. Court of Appeals, Ninth Circuit, Case No. 13-74019.

Environmental Defense Fund, et al., v. Andrew Wheeler, et al., United States Court of Appeals, District of Columbia Circuit, Case No. 20-1360.

Friends of Oceano Dunes, Inc. v. California Coastal Commission, et al., San Luis Obispo County Superior Court, Case No. 17CV-0576; U.S. District Court for the Central District of California, Case No. 2:17-cv-8733.

South Coast Air Quality Management District v. City of Los Angeles, et al., Los Angeles County Superior Court, Case No. 20STCP02985.

State of California v. United States Environmental Protection Agency, United States Court of Appeals, District of Columbia Circuit, Case No. 18-1096.

State of California v. Wheeler et. al., District of Columbia Circuit, Case No. 19-1239, consolidated under No. 19-1230 along with Nos. 19-1241, 19-1242, 19-1243, 19-1245, 19-1246, and 19-1249.

State of California, et al., v. Andrew Wheeler, et al., United States Court of Appeals, District of Columbia Circuit, Case No. 20-1359.

State of California, et al. v. David Bernhardt, et al., United States District Court, Northern District of California, Case No. 3:18-cv-5712-DMR; United States Court of Appeals, Ninth Circuit, Case No. 20-16793.

State of California, et al. v. United States Environmental Protection Agency, United States Court of Appeals, District of Columbia Circuit, Case No. 21-1018.

State of New York, et al. v. United States Environmental Protection Agency, United States Court of Appeals, District of Columbia Circuit, Case No. 21-1026.

State of New York, et al. v. United States Environmental Protection Agency, et al., United States Court of Appeals, District of Columbia Circuit, Case No. 21-1028.

State of Massachusetts v. EPA, United States Court of Appeals, District of Columbia Circuit, Case No. 20-1265.

State of New York, et al. v. Andrew Wheeler and the United States Environmental Protection Agency, U.S. District Court, District of Columbia, Case No. 1:18-cv-00773.

State of North Dakota v. United States Environmental Protection Agency, U.S. Court of Appeals, District of Columbia Circuit, Case No. 15-1381.

State of North Dakota, et al. v. United States Environmental Protection Agency, U.S. Court of Appeals, District of Columbia Circuit, Case No. 16-1242.

State of Wyoming, et al. v. United States Department of the Interior, et al., U.S. District Court, District of Wyoming, Case No. 16-CV-285-SWS; United States Court of Appeals, Tenth Circuit, Case No. 20-8073.

Truck Trailer Manufacturers Association, Inc. v. United States Environmental Protection Agency, et al., U.S. Court of Appeals, District of Columbia Circuit, Case No. 16-1430.

People v. Southern California Gas Company, Los Angeles Superior Court, Case No. BC 602973.

The Two Hundred, et al. v. California Air Resources Board, et al., Fresno County Superior Court, Case No. 18CECG01494.

Western States Petroleum Association v. California Air Resources Board, Los Angeles County Superior Court, Case No. 20STCP03138x.

Westmoreland Mining v. EPA, United States Court of Appeals, District of Columbia Circuit, Case No. 20-1160.

W.O. Stinson & Son LTD. v. Western Climate Initiative, Inc., Ontario Canada Superior Court, Case No. CV-20-00083726-0000.

Opportunity for Members of the Board to Comment on Matters of Interest

Board members may identify matters they would like to have noticed for consideration at future meetings and comment on topics of interest; no formal action on these topics will be taken without further notice.

Open Session to Provide an Opportunity for Members of the Public to Address the Board on Subject Matters within the Jurisdiction of the Board

Although no formal Board action may be taken, the Board is allowing an opportunity to interested members of the public to address the Board on items of interest that are within the Board's jurisdiction, but that do not specifically appear on the agenda. Each person will

be allowed a maximum of three minutes to ensure that everyone has a chance to speak. The public will also have an opportunity to [submit written comments](#) for open session the morning of the Board Meeting.

Other Information

[Submit Comments Electronically the Day of the Board Meeting](#)

[View Submitted Comments](#)

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If you have any questions, please contact the Clerks' Office:

1001 I Street, 23rd Floor, Sacramento, California 95814

cotb@arb.ca.gov or (916) 322-5594

CARB Homepage: www.arb.ca.gov

Special Accommodation Request

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Public Meeting Agenda

for the

Joint Coordination Meeting of the California Air Resources Board, the California Transportation Commission, and the California Department of Housing and Community Development

Thursday, November 4, 2021

In accordance with recently enacted legislation, [Assembly Bill 361](#) (Chapter 165, Stats. of 2021), the November 4, 2021, Joint Meeting will not have a physical location open to the public. It will be a remote-only meeting conducted via a web-based videoconferencing service called Zoom. Members of the public who wish to comment verbally can register for the webinar.

[Register for the Webinar](#) – for those who wish to comment verbally at the hearing.

Alternatively, during the Joint Meeting, members of the public can offer verbal comments by calling in via telephone. Members of the public do not have to register beforehand if they call in using the number below.

Phone Number: (669) 900-6833

Webinar ID: 898 2622 5593

To only watch the Joint Meeting and not provide verbal comments, please view the webcast. The webcast is the same video stream offered by the California Air Resources Board (CARB or Board) during normal Board Meetings. If you do not wish to provide verbal comments, we strongly recommend watching the webcast as this will free up space on the webinar for those who are providing verbal comments.

[Webcast](#) – for those who only plan to observe the hearing.

[How to Participate in the Remote Joint Meeting](#)

Thursday, November 4, 2021 @ 9:00 a.m.

California Government Code section 14516 directs CARB, the California Transportation Commission (CTC or Commission), and the Department of Housing and Community Development (HCD) to meet at least twice a year to coordinate implementation of policies that jointly affect transportation, housing, and air quality. This meeting will focus on interagency coordination to ensure equity in actions related to housing, climate, and reducing vehicle miles travelled (VMT).

Opening Remarks

Leadership from CARB, CTC, HCD, and the California State Transportation Agency (CalSTA) will provide opening remarks to start the Joint Meeting.

CARB, CTC, and HCD Discussion

Throughout the Joint Meeting, CARB Board Members, CTC Commissioners, and HCD leadership will have opportunities to discuss the key items from the presentations and public comment.

Discussion Items:

Note: The following agenda items may be heard in a different order at the Joint Meeting.

Item 1: Interagency Coordination on Housing, VMT Reduction, and Equity

Presentation: CARB, CTC, and HCD equity leaders

CARB, CTC, and HCD will hear a joint presentation by CARB, CTC, and HCD equity leadership, to introduce the day's agenda around equity and discuss opportunities to further incorporate equity in their respective work related to housing, transportation, and climate.

- [CARB/CTC/HCD Presentation](#)

Presentation: Leadership Counsel for Justice and Accountability

CARB, CTC, and HCD will hear a presentation from the Fresno-based Leadership Counsel for Justice and Accountability (LCJA) on how state agencies can learn from recent community-based initiatives in the Central Valley to: 1) Deepen community engagement in state plans and investment programs, 2) Ensure that state transportation investments prioritize the needs of existing and under-served communities, 3) Protect existing housing and communities from potential adverse impacts when implementing state transportation programs, and 4) Promote anti-displacement strategies in state investment programs.

- [Leadership Counsel for Justice and Accountability Presentation](#)

Public Comment:

There will be a Comment Period to allow interested members of the public to address CARB, CTC, and HCD.

Presentation: Coordinating Housing, VMT Reduction, and Equity Goals and Actions

CARB, CTC, and HCD will hear a joint presentation by CARB, CTC, and HCD staff on the interdependent relationships between State housing, VMT reduction, and equity goals and actions to advance coordinated progress.

- [CARB/CTC/HCD Presentation](#)

Presentations: City Heights Community Development Corporation and the Thrivance Group

CARB, CTC, and HCD will hear a presentation from the San Diego-based City Heights Community Development Corporation (CDC) on their successes and challenges in implementing comprehensive, community-led investments in affordable housing and low-carbon transportation, and offer recommendations to State agencies on how to support the work of community-based organizations like theirs.

CARB, CTC, and HCD will also hear a presentation from the Thrivance Group on their work with California communities to ensure that housing and transportation investments are grounded in community-based planning and result in benefits to existing, under-served communities, and recommendations to state agencies for advancing community-centered planning and investment.

- [City Heights Community Development Corporation Presentation](#)
- [Thrivance Group Presentation](#)

Public Comment:

There will be a Comment Period to allow interested members of the public to address CARB, CTC, and HCD.

Item 2: California Transportation Assessment (Assembly Bill 285 Research) on Transportation Planning, Funding, and Sustainable Communities Strategies

Presentation: Strategic Growth Council and University of California Research Team

CARB, CTC, and HCD will hear a joint presentation from the California Strategic Growth Council and the University of California research team that will provide an update on the California Transportation Assessment, a report to the Legislature required by [Assembly Bill 285](#) (Friedman, Chapter 605, Stats. of 2019). The report will include an assessment of California's transportation plans, funding programs, and sustainable communities strategies, along with recommendations for improvement and coordination in order to better meet shared long-term social, economic and environmental goals.

- [SGC/UC Presentation](#)

Public Comment:

There will be a Comment Period to allow interested members of the public to address CARB, CTC, and HCD.

Joint Agency Accomplishments/Updates, Meeting Wrap-Up, and Closing Remarks

CARB will briefly share information on joint updates from all three agencies, followed by the meeting wrap-up and closing remarks by all three agencies.

- [More Information](#)

Other Information

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November 19, 2021, Board Meeting Agenda

CONTACT

Clerk of the Board

Email cotb@arb.ca.gov

Phone (916) 322-5594

In accordance with recently enacted legislation Assembly Bill 361 (Chapter 165, Stats. of 2021) the November 19, 2021, meeting of the California Air Resources Board will not have a physical location open to the public. It will be a remote-only meeting conducted via a web-based videoconferencing service called Zoom. Members of the public who wish to comment verbally can register for the webinar.

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Webinar ID: 865 9912 9877

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Webcast – for those who only plan to observe the hearing.

How to Participate in the Remote Board Meeting

Agenda de la Reunión del Consejo del 19 de noviembre de 2021

Spanish interpretation will be provided for the November 19, 2021, Board Meeting.



Friday, November 19, 2021 @ 9:00 a.m.

Discussion Items:

21-12-1: Public Meeting to Consider Proposed Research Contract with the University of California, Davis, Titled "Understanding Travel Demand and Built Environment Factors to Optimize Increased ZEV Access in Underserved Communities"

The Board will consider approval of a research contract to examine mobility needs of underserved communities and how zero-emission vehicles can cost effectively meet this need. This item is added to the agenda to satisfy Board approval requirements in Government Code section 1091 because one or more Board members are affiliated with the University of California system.

- More Information
- Item Summary
- Submit Written Comments
- View Public Comments

21-12-2: Public Meeting to Consider a Proposed Research Contract with the University of California, Los Angeles, Titled "Preterm Birth, Low Birth Weight, Childhood Autism, Parkinson's and Alzheimer Disease and Air Pollution – California Studies"

The Board will consider approving a research proposal regarding quantification of air pollution health impacts. This item is added to the agenda to satisfy Board approval requirements pursuant to Government Code section 1091 because one or more Board members are affiliated with the University of California system.

- More Information
- Item Summary
- Submit Written Comments
- View Public Comments



21-12-3: The 2019 Haagen-Smit Clean Air Awards

The Board will announce the 2019 Haagen-Smit Clean Air Awards, considered the "Nobel Prize" in air quality achievement. These awards recognize extraordinary individuals who have made significant career accomplishments in air quality and climate change. Due to the pandemic, the selection of these 2019 Clean Air Awards has been postponed since April 2020.

- More Information
- Item Summary
- Submit Written Comments
- View Public Comments

21-12-4: Public Meeting to Consider Proposed Fiscal Year 2021-22 Funding Plan for Clean Transportation Incentives Accompanied by Proposed Carl Moyer Program Changes, Agricultural Burning Incentives for Combustion Equipment, and the Climate Heat Impact Response Program.

The Board will consider staff's proposal for investments appropriated to CARB for clean transportation incentives, as well as proposed changes to related incentive programs.

- More Information: Carl Moyer Program
- More Information: Agricultural Burning
- More Information: Climate Heat Impact Response Program
- Public Meeting Notice
- Proposed FY 2021-22 Funding Plan for Clean Transportation Incentives
- Item Summary
- Meeting Presentation
- Proposed Resolution
- Submit Written Comments
- View Public Comments



21-12-5: Public Meeting to Consider Draft Final Cap-and-Trade Auction Proceeds Fourth Investment Plan: Fiscal Years 2022-23 through 2024-25

The Board will hear an update on the Draft Final Cap-and-Trade Auction Proceeds Fourth Investment Plan, a Department of Finance document that will guide the investment of Cap-and-Trade auction proceeds from Fiscal Years 2022-23 through 2024-25.

- [More Information](#)
- [Public Meeting Notice](#)
- [Item Summary](#)
- [Meeting Presentation](#)
- [Proposed Resolution](#)
- [Submit Written Comments](#)
- [View Public Comments](#)

21-12-6: Public Hearing to Consider Proposed Amendments to the Commercial Harbor Craft Regulation

The Board will consider the Proposed Amendments to the Commercial Harbor Craft Regulation, which aim to further reduce emissions from harbor craft in California. This hearing will be the first of two planned Board hearings.

- [More Information](#)
- [Public Meeting Notice](#)
 - [Errata and Comment Period Extension](#)
- [Item Summary](#)
- [Hearing Presentation](#)
- [Submit Written Comments](#)
- [View Public Comments](#)



Closed Session

The Board may hold a closed session, as authorized by Government Code section 11126(e), to confer with, and receive advice from, its legal counsel regarding the following pending or potential litigation:

Alliance for California Business v. California State Transportation Agency, et al., Sacramento County Superior Court, Case No. 34-2016-80002491.

American Lung Association, et al. v. United States Environmental Protection Agency, et al. (D.C. Cir. 2021) 985 F.3d 914, *cert. granted sub nom. Westmoreland Mining Holdings v. EPA* (U.S., Oct. 29, 2021, No. 20-1778).

Best Energy Solutions & Technology Corp., et al v. California Air Resources Board, et al., Kern County Superior Court, Case No. BCV-20-102198.

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California v. Wheeler, et al., United States Court of Appeals, District of Columbia Circuit, Case No. 19-1239.

California, et al. v. United States Environmental Protection Agency, United States Court of Appeals for the District of Columbia Circuit, Case No. 21-1024.

California, et al. v. United States Environmental Protection Agency, et al., United States Court of Appeals, District of Columbia Circuit, Case No. 21-1014.

California Natural Gas Vehicle Coalition v. California Air Resources Board, et al., Fresno County Superior Court, Case No. 20CECG02250.

Clean Energy Renewable Fuels, LLC v. California Air Resources Board, Orange County Superior Court, Case No. 30-2020-01167039-CU-WM-CJC.

Competitive Enterprise Inst. v. NHTSA, United States Court of Appeals, District of Columbia Circuit, Case No. 20-1145 (consolidated with No. 20-1167).

Environmental Defense Fund, et al., v. Andrew Wheeler, et al., United States Court of Appeals, District of Columbia Circuit, Case No. 20-1360.

Friends of Oceano Dunes, Inc. v. California Coastal Commission, et al., U.S. District Court for the Central District of California, Case No. 2:17-cv-8733.

South Coast Air Quality Management District v. City of Los Angeles, et al., Los Angeles County Superior Court, Case No. 20STCP02985.



State of California v. United States Environmental Protection Agency, United States Court of Appeals, District of Columbia Circuit, Case No. 18-1096.

State of California v. Wheeler et. al., District of Columbia Circuit, Case No. 19-1239, consolidated under No. 19-1230 along with Nos. 19-1241, 19-1242, 19-1243, 19-1245, 19-1246, and 19-1249.

State of California, et al., v. Andrew Wheeler, et al., United States Court of Appeals, District of Columbia Circuit, Case No. 20-1359.

State of California, et al. v. David Bernhardt, et al., United States District Court, Northern District of California, Case No. 3:18-cv-5712-DMR; United States Court of Appeals, Ninth Circuit, Case No. 20-16793.

State of California, et al. v. United States Environmental Protection Agency, United States Court of Appeals, District of Columbia Circuit, Case No. 21-1018.

State of New York, et al. v. United States Environmental Protection Agency, United States Court of Appeals, District of Columbia Circuit, Case No. 21-1026.

State of New York, et al. v. United States Environmental Protection Agency, et al., United States Court of Appeals, District of Columbia Circuit, Case No. 21-1028.

State of Massachusetts v. EPA, United States Court of Appeals, District of Columbia Circuit, Case No. 20-1265.

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People v. Southern California Gas Company, Los Angeles Superior Court, Case No. BC 602973.



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Western States Petroleum Association v. California Air Resources Board, Los Angeles County Superior Court, Case No. 20STCP03138x.

Westmoreland Mining v. EPA, United States Court of Appeals, District of Columbia Circuit, Case No. 20-1160.

W.O. Stinson & Son LTD. v. Western Climate Initiative, Inc., Ontario Canada Superior Court, Case No. CV-20-00083726-0000.

Opportunity for Members of the Board to Comment on Matters of Interest

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Open Session to Provide an Opportunity for Members of the Public to Address the Board on Subject Matters within the Jurisdiction of the Board

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Other Information

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Advance Copy Public Meeting Agenda

Thursday, December 9, 2021

In accordance with recently enacted legislation, [Assembly Bill 361](#) (Chapter 165, Stats. of 2021) the December 9, 2021, meeting of the California Air Resources Board will not have a physical location open to the public. It will be a remote-only meeting conducted via a web-based videoconferencing service called Zoom. Members of the public who wish to comment verbally can register for the webinar.

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Phone Number: (669) 900-6833

Webinar ID: 859 6297 1011

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How to Participate in the Remote Board Meeting

Spanish and Punjabi interpretation will be provided for the December 9, 2021, Board Meeting.

Thursday, December 9, 2021 @ 9:00 a.m.

Discussion Items:

21-13-1: Public Meeting to Consider the Proposed South Coast PM2.5 Redesignation Request and Maintenance Plan

The Board will consider approval of the 2021 Redesignation Request and Maintenance Plan for the 2006 and 1997 24-Hour PM2.5 Standards for South Coast Air Basin. The 2021 Redesignation Request demonstrates that the South Coast Air Basin met the 24-hour PM2.5 standards in 2020 and has met the requirements to be redesignated to attainment for the 24-hour PM2.5 standards.

- [More Information](#)
- [Public Meeting Notice](#)
- [Staff Report](#)
- [Item Summary](#)
- [Meeting Presentation](#)
- [Proposed Resolution](#)
- [Submit Written Comments](#)
- [View Public Comments](#)

21-13-2: Public Hearing to Consider Proposed Amendments to the Small Off-Road Engine Regulations: Transition to Zero Emissions

The Board will consider the proposal to amend regulations and certification and test procedures for small off-road engines (SORE). The amendments are necessary to accelerate the transition of SORE to zero emissions to reduce emissions. Deployment of zero-emission equipment is key to meeting the expected emission reductions in the 2016 State Implementation Plan Strategy and the goals of California Executive Order N-79-20.

- [More Information](#)
- [Public Meeting Notice](#)
- [Staff Report](#)
- [Item Summary](#)
- [Meeting Presentation](#)
- [Proposed Resolution](#)
- [Submit Written Comments](#)
- [View Public Comments](#)

21-13-3: Public Hearing to Consider the Proposed Heavy-Duty Inspection and Maintenance Regulation

The Board will consider the adoption of the Proposed Heavy-Duty Inspection and Maintenance Regulation. This new regulation requires owners of non-gasoline heavy-duty vehicles with gross vehicle weight ratings over 14,000 pounds to periodically demonstrate that their vehicles' emissions control systems are properly functioning in order to legally operate within the state. This regulation is designed to achieve criteria emissions reductions by ensuring that malfunctioning emissions control systems are timely repaired. This proposed regulation would replace the California Air Resources Board's existing heavy-duty vehicle inspection programs.

- [More Information](#)
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If you have any questions, please contact the Clerks' Office:

1001 I Street, 23rd Floor, Sacramento, California 95814

cotb@arb.ca.gov or (916) 322-5594

CARB Homepage: www.arb.ca.gov

Special Accommodation Request

Consistent with California Government Code section 7296.2, special accommodation or language needs may be provided for any of the following:

- An interpreter to be available at the hearing;
- Documents made available in an alternate format or another language;
- A disability-related reasonable accommodation.

To request these special accommodations or language needs, please contact the Clerks' Office at cotb@arb.ca.gov or at (916) 322-5594 as soon as possible, but no later than 7 business days before the scheduled Board hearing. TTY/TDD/Speech to Speech users may dial 711 for the California Relay Service.

Acomodación Especial

Consecuente con la sección 7296.2 del Código de Gobierno de California, una acomodación especial o necesidades lingüísticas pueden ser suministradas para cualquiera de los siguientes:

- Un intérprete que esté disponible en la audiencia
- Documentos disponibles en un formato alternativo u otro idioma
- Una acomodación razonable relacionados con una incapacidad

Para solicitar estas comodidades especiales o necesidades de otro idioma, por favor contacte la oficina del Consejo al (916) 322-5594 o por correo electrónico al cotb@arb.ca.gov lo más pronto posible, pero no menos de 7 días de trabajo antes del día programado para la audiencia del Consejo. TTY/TDD/Personas que necesiten este servicio pueden marcar el 711 para el Servicio de Retransmisión de Mensajes de California.

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Karen Mitchoff and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: March 16, 2022

Re: Authorization to a Multi-Year Contract Agreement with IT Help, LLC

RECOMMENDED ACTION

Recommend the Board of Directors authorize the Executive Officer/APCO to enter into a multi-year contract agreement with IT Help LLC, for an amount not to exceed \$260,000, for IT Infrastructure support and maintenance for upgrades, enhancements and other improvements to the District's IT infrastructure, including network components, servers, storage and related hardware and software.

BACKGROUND

Every six (6) to eight (8) years, networking infrastructure and components used by Air District staff approach end-of-life and are replaced. The Air District utilizes a single procurement to take advantage of the cost reductions that are available with a large purchase. The current networking infrastructure and components are approaching six (6) years old; maintenance issues are increasing, vendor support is close to the end of life, and the latest versions of software programs that operate on these systems are beginning to reach the capability of the hardware to operate them properly. The Air District will soon begin a design project with plans to replace the infrastructure in Fiscal Year Ending (FYE) 2025.

DISCUSSION

Over the last few years, the Air District has successfully worked with IT Help, LLC on IT infrastructure maintenance projects such as adding computer storage capacity, replacing failed components, and providing technical support during scheduled power outages. The vendor has built familiarity with the Air District's infrastructure and has delivered projects efficiently on time and within budget.

Prior to executing a multi-year agreement with this vendor, the Air District evaluated available vendor resources through the competitive process under RFQ 2019-15. Three vendors provided qualified submissions. The table below summarizes the average scores for each vendor under each evaluated category:

Vendor	Experience	Knowledge	History	Conformity	Fees	Total
IT Help, LLC	5/5	9/10	8/10	4/5	4/5	30
ePlus Tech, Inc.	4/5	8/10	7/10	4/5	4/5	27
Trinity Tech, Inc.	3/5	7/10	7/10	4/5	4/5	25

The Air District has selected IT Help, LLC for this contract not only due to their responsiveness under RFQ 2019-15, but also due to their prior performance in previous engagements.

This new authorization will extend the availability of this vendor to assist the Air District with IT infrastructure maintenance and IT design review through the planned replacement of infrastructure in FYE 2025. The total cost of this procurement will not exceed \$260,000 dollars and is budgeted in the current fiscal year.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None. This procurement is currently budgeted in the FYE 2022 budget.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Duane Vazquez
Reviewed by: John Chiladakis

ATTACHMENTS:

1. Draft IT Help Contract No. 2022.077 Master Services Agreement
2. Draft IT Help Contract No. 2022.077 Task Order 1

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

MASTER SERVICES CONTRACT

CONTRACT NO. 2022.077

1. PARTIES – The parties to this Contract (“Contract”) are the Bay Area Air Quality Management District (“DISTRICT”) whose address is 375 Beale Street, Suite 600, San Francisco, CA 94105, and **ITHelp, LLC** (“CONTRACTOR”) whose address is 1049 El Monte Ave, Suite C, #513, Mountain View, CA 94040.
2. RECITALS
 - A. DISTRICT is the local agency with primary responsibility for regulating stationary source air pollution in the Bay Area Air Quality Management District in the State of California. DISTRICT is authorized to enter into this Contract under California Health and Safety Code Section 40701. DISTRICT desires to contract with CONTRACTOR for Services as defined herein. DISTRICT is entering into this Contract based on CONTRACTOR’s stated qualifications to perform the Services.
 - B. All parties to this Contract have had the opportunity to have this contract reviewed by their attorney.
3. DEFINITIONS
 - A. “Purchase Order” shall mean the written or electronic document used by DISTRICT to track payments to CONTRACTOR under this Contract.
 - B. “Services” shall mean the services to be provided by CONTRACTOR hereunder as generally described in the General Description of Services, attached hereto as Attachment A and made a part hereof by this reference, and as specifically described in Task Orders issued pursuant to this Contract.
 - C. “Task Order” shall mean a written request by DISTRICT for specific services to be performed by CONTRACTOR.
4. PERFORMANCE REQUIREMENTS
 - A. CONTRACTOR is authorized to do business in the State of California. CONTRACTOR attests that it is in good tax standing with federal and state tax authorities.
 - B. CONTRACTOR agrees to obtain any and all required licenses, permits, and all other appropriate legal authorizations from all applicable federal, state and local jurisdictions and pay all applicable fees.
 - C. CONTRACTOR shall comply with all laws and regulations that apply to its performance under this Contract, including any requirements to disclose potential conflicts of interest under DISTRICT’s Conflict of Interest Code.
 - D. CONTRACTOR shall not engage in any performance of work during the term of this contract that is in direct or indirect conflict with duties and responsibilities set forth in the Scope of Work.
 - E. CONTRACTOR shall exercise the degree of skill and care customarily required by accepted professional practices and procedures.
 - F. CONTRACTOR shall ensure that any subcontractors, employees and agents performing under this Contract comply with the performance standards set forth in paragraph D above.

5. TERM – The term of this Contract is from date of Contract execution to December 31, 2024, unless further extended by amendment of this Contract in writing, or terminated earlier. CONTRACTOR shall not submit any invoice for services performed under this Contract until the Contract is fully executed.

6. TERMINATION

A. The DISTRICT may terminate this Contract at any time, at will, and without specifying any reason, by notifying CONTRACTOR in writing. The notice of termination shall specify the effective date of termination, which shall be no less than thirty (30) calendar days from the date of delivery of the notice of termination, and shall be delivered in accordance with the provisions of section 13 below. Immediately upon receipt of the notice of termination, CONTRACTOR shall cease all services under this Contract, except such services as are specified in the notice of termination. CONTRACTOR shall deliver a final invoice for all remaining services performed but not billed, including any services specified in the termination notice, on or before ten (10) business days following the termination date.

B. Either party may terminate this Contract for breach by the other party.

i) Failure to perform any agreement or obligation contained in this Contract or failure to complete the services in a satisfactory manner shall constitute a breach of the Contract.

ii) The non-breaching party may terminate the Contract by delivery of a written notice of breach. The notice of breach shall specify the date of termination, which shall be no earlier than ten (10) business days from delivery of the notice of breach. In the alternative, at its sole discretion, the non-breaching party may require the breaching party to cure the breach. The notice of breach shall specify the nature of the breach and the date by which such breach must be cured.

iii) If CONTRACTOR fails to perform any obligation under this Contract, DISTRICT at its sole discretion, may perform, or cause the performance, of the obligation itself. In that event, DISTRICT shall deduct the costs to perform such obligation and any other costs to cure the breach from the payment otherwise due to CONTRACTOR for work performed under this Contract. DISTRICT's performance hereunder shall not be deemed a waiver or release of any obligation of, or default by, CONTRACTOR under this Contract.

iv) The notice of breach shall be provided in accordance with the notice requirements set forth in section 13.

v) The non-breaching party reserves all rights under law and equity to enforce this Contract and recover any damages.

7. INSURANCE

A. CONTRACTOR shall maintain the following insurance:

i) Workers' compensation and employers' liability insurance as required by California law or other applicable statutory requirements.

ii) Occurrence-based commercial general liability insurance or equivalent form with a limit of not less than one million dollars (\$1,000,000) each occurrence. Such insurance shall include DISTRICT and its officers, agents, and employees as additional insureds and shall be primary with respect to any insurance maintained by DISTRICT.

iii) Business automobile liability insurance or equivalent form with a limit of not less than one million dollars (\$1,000,000) each accident. Such insurance shall include coverage for owned, hired, and non-owned vehicles. If CONTRACTOR is a sole proprietor, CONTRACTOR may meet this insurance requirement with personal automobile liability insurance carrying a

business use endorsement or by demonstrating to the satisfaction of DISTRICT that business use is covered under the CONTRACTOR's personal automobile liability insurance. A CONTRACTOR using only rental vehicles in performing work under this Contract may meet this insurance requirement by purchasing automobile liability insurance in the required coverage amount from the rental agency.

- B. All insurance shall be placed with insurers acceptable to DISTRICT.
- C. Prior to commencement of work under this Contract, CONTRACTOR shall furnish properly-executed certificates of insurance for all required insurance. Upon request by DISTRICT, CONTRACTOR shall provide a complete copy of any required insurance policy. CONTRACTOR shall notify DISTRICT in writing thirty (30) days prior to cancellation or modification of any required insurance policy. Any such modifications are subject to pre-approval by DISTRICT.
- D. If CONTRACTOR fails to maintain the required insurance coverage set forth above, DISTRICT reserves the right either to purchase such additional insurance and to deduct the cost thereof from any payments owed to CONTRACTOR or to terminate this Contract for breach.

8. INDEMNIFICATION

- A. CONTRACTOR shall indemnify and hold DISTRICT, its officers, employees and agents harmless from and against any and all liability, loss, expense, including reasonable attorneys' fees, or claims for injury or damages arising out of the performance of this Contract but only in proportion to and to the extent such liability, loss, expense, attorneys' fees, or claims for injury or damages are caused by or result from the negligent or intentional acts or omissions of CONTRACTOR, its officers, agents, or employees.
- B. DISTRICT shall indemnify and hold CONTRACTOR, its officers, employees and agents harmless from and against any and all liability, loss, expense, including reasonable attorneys' fee, or claims for injury or damages arising out of the performance of this Contract but only in proportion to and to the extent such liability, loss, expense, attorneys' fees, or claims for injury or damages are caused by or result from the negligent or intentional acts or omissions of DISTRICT, its officers, agents, or employees.

9. AGREEMENT TO PROVIDE SERVICES

- A. CONTRACTOR hereby agrees to provide to DISTRICT, as DISTRICT may from time to time designate, such services as DISTRICT may order by Task Order, all in accordance with and subject to the terms, covenants and conditions of this Contract. DISTRICT agrees to pay for these services ordered by DISTRICT in accordance with and subject to the terms, covenants and conditions of this Contract.
- B. All Task Orders issued by DISTRICT to CONTRACTOR for services during the term of this Contract are subject to the provisions of this Contract as though fully set forth in such Task Order. In the event that the provisions of this Contract conflict with any Task Order issued by DISTRICT to CONTRACTOR, the provisions of this Contract shall govern. No other terms and conditions, including, but not limited to, those contained in CONTRACTOR's standard printed terms and conditions, on CONTRACTOR's order acknowledgment, invoices or otherwise, shall have any application to or effect upon or be deemed to constitute an amendment to or to be incorporated into this Contract, any Task Order, or any transactions occurring pursuant hereto or thereto, unless this Contract shall be specifically amended to adopt such other terms and conditions in writing by the parties.
- C. Notwithstanding any other provision of this Contract to the contrary, DISTRICT shall have no obligation to order or purchase any services hereunder and the placement of any Task Order

shall be in the sole discretion of DISTRICT. Without limiting the generality of the foregoing, the actual quantity of services to be purchased hereunder shall be determined by DISTRICT in its sole discretion and shall not exceed \$260,000. This Contract is not exclusive. CONTRACTOR expressly acknowledges and agrees that DISTRICT may purchase at its sole discretion, services that are identical or similar to the services described in this Contract from any third party.

10. TASK ORDERS – Each Task Order will specify the following items, as relevant: specific services requested, schedule for services, location where services are to be performed (with contact person), and cost or estimated cost of services. Each Task Order issued under this Contract shall be made part of, and be incorporated into this Contract, and shall reference this Contract on the face of each Task Order. Should any Task Order not conform to or satisfy the terms of this Contract, CONTRACTOR shall have five (5) business days after receipt to reject the Task Order. By not rejecting the Task Order within five (5) business days, CONTRACTOR will have accepted the Task Order. Acceptance by CONTRACTOR is limited to the provisions of this Contract and the Task Order. No additional or different provisions proposed by CONTRACTOR or DISTRICT shall apply. In addition, the parties agree that this Contract and accepted Task Orders constitute a contract for services and satisfy all statutory and legal formalities of a contract.
11. PRICING, INVOICES, AND PAYMENT
 - A. DISTRICT shall pay CONTRACTOR for all services ordered and provided in compliance with the terms and conditions of this Contract and with Task Orders issued under this Contract.
 - B. CONTRACTOR shall submit original invoices to DISTRICT in form and substance and format reasonably acceptable to DISTRICT. Each invoice, including supporting documentation, must be prepared in duplicate on CONTRACTOR's letterhead; must list DISTRICT's contract number, Purchase Order Number, and the CONTRACTOR's Social Security Number or Federal Employer Identification Number; and must be submitted to: Bay Area Air Quality Management District, 375 Beale Street, Suite 600, San Francisco, CA 94105, Attn: Contracts Manager.
 - C. Except as specifically set forth in Attachment A or in Task Orders under this Contract, DISTRICT shall not be responsible for any additional costs or expenses of any nature incurred by CONTRACTOR in connection with the provision of the services, including without limitation travel expenses, clerical or administrative personnel, long distance telephone charges, etc.
 - D. CONTRACTOR represents, warrants and covenants that the prices, charges and fees for services set forth in this Contract (on the whole) are at least as favorable as the prices, charges and fees CONTRACTOR charges (on the whole) to other of its customers or clients for the same or substantially similar services provided under the same or substantially similar circumstances, terms, and conditions. If CONTRACTOR agrees or contracts with other clients or customers similarly situated during the Term of this Contract, and offers or agrees to financial terms more favorable than those set forth herein (on the whole), CONTRACTOR hereby agrees that it will reduce the prices, charges and/or fees charged to DISTRICT in respect of the services hereunder to the most favorable rates received by those other clients or customers.
12. DISPUTE RESOLUTION – A party that disputes a notice of breach must first seek mediation to resolve the dispute in accordance with the provisions set forth below.
 - A. Upon receipt of a notice of breach of contract, the party may submit a demand for mediation to resolve whether or not a breach occurred. The party must state the basis of the dispute and deliver the demand within ten (10) business days of the date of receipt of the notice of breach.

- B. The mediation shall take place at DISTRICT's office at 375 Beale Street, Suite 600, San Francisco, or at such other place as may be mutually agreed upon by the parties and the mediator.
- C. The parties shall make good faith efforts to hold the mediation within thirty (30) days after receipt of the demand for mediation.
- D. Each party shall bear its own mediation costs.
- E. In the event the parties are unable to resolve the dispute, either party may file an action in a court of competent jurisdiction to enforce the Contract.
- F. Maximum recovery under this section shall be limited to the total value of all Task Orders issued under this Contract. The mediation costs shall not reduce the maximum amount recoverable under this section.

13. NOTICES – All notices that are required under this Contract shall be provided in the manner set forth herein, unless specified otherwise. Notice to a party shall be delivered to the attention of the person listed below, or to such other person or persons as may hereafter be designated by that party in writing. Notice shall be in writing sent by e-mail, facsimile, or regular first class mail. In the case of e-mail and facsimile communications, valid notice shall be deemed to have been delivered upon sending, provided the sender obtained an electronic confirmation of delivery. E-mail and facsimile communications shall be deemed to have been received on the date of such transmission, provided such date was a business day and delivered prior to 4:00 p.m. PST. Otherwise, receipt of e-mail and facsimile communications shall be deemed to have occurred on the following business day. In the case of regular mail notice, notice shall be deemed to have been delivered on the mailing date and received five (5) business days after the date of mailing.

DISTRICT: Bay Area Air Quality Management District
 375 Beale Street, Suite 600
 San Francisco, CA 94105
 Attn: John Chiladakis

CONTRACTOR: ITHelp, LLC
 1049 El Monte Ave, Ste C, #513
 Mountain View, CA 94040
 Attn: Francis Kim

14. ADDITIONAL PROVISIONS – All attachment(s) to this Contract are expressly incorporated herein by this reference and made a part hereof as though fully set forth.

15. EMPLOYEES OF CONTRACTOR

- A. CONTRACTOR shall be responsible for the cost of regular pay to its employees, as well as cost of vacation, vacation replacements, sick leave, severance pay, and pay for legal holidays.
- B. CONTRACTOR, its officers, employees, agents, or representatives shall not be considered employees or agents of DISTRICT, nor shall CONTRACTOR, its officers, employees, agents, or representatives be entitled to or eligible to participate in any benefits, privileges, or plans, given or extended by DISTRICT to its employees.

16. CONFIDENTIALITY – In order to carry out the purposes of this Contract, CONTRACTOR may require access to certain of DISTRICT's confidential information (including trade secrets, inventions, confidential know-how, confidential business information, and other information that DISTRICT

considers confidential) (collectively, "Confidential Information"). It is expressly understood and agreed that DISTRICT may designate in a conspicuous manner Confidential Information that CONTRACTOR obtains from DISTRICT, and CONTRACTOR agrees to:

- A. Observe complete confidentiality with respect to such information, including without limitation, agreeing not to disclose or otherwise permit access to such information by any other person or entity in any manner whatsoever, except that such disclosure or access shall be permitted to employees of CONTRACTOR requiring access in fulfillment of the services provided under this Contract.
- B. Ensure that CONTRACTOR's officers, employees, agents, representatives, and independent contractors are informed of the confidential nature of such information and to assure by agreement or otherwise that they are prohibited from copying or revealing, for any purpose whatsoever, the contents of such information or any part thereof, or from taking any action otherwise prohibited under this section.
- C. Not use such information or any part thereof in the performance of services to others or for the benefit of others in any form whatsoever whether gratuitously or for valuable consideration, except as permitted under this Contract.
- D. Notify DISTRICT promptly and in writing of the circumstances surrounding any possession, use, or knowledge of such information or any part thereof by any person or entity other than those authorized by this section. Take at CONTRACTOR's expense, but at DISTRICT's option and in any event under DISTRICT's control, any legal action necessary to prevent unauthorized use of such information by any third party or entity which has gained access to such information at least in part due to the fault of CONTRACTOR.
- E. Take any and all other actions necessary or desirable to assure such continued confidentiality and protection of such information during the term of this Contract and following expiration or termination of the Contract.
- F. Prevent access to such materials by a person or entity not authorized under this Contract.
- G. Establish specific procedures in order to fulfill the obligations of this section.

17. INTELLECTUAL PROPERTY RIGHTS – Title and full ownership rights to all intellectual property developed under this Contract shall at all times remain with DISTRICT, unless otherwise agreed to in writing.

18. PUBLICATION

- A. DISTRICT shall approve in writing any report or other document prepared by CONTRACTOR in connection with performance under this Contract prior to dissemination or publication of such report or document to a third party. DISTRICT may waive in writing its requirement for prior approval.
- B. Until approved by DISTRICT, any report or other document prepared by CONTRACTOR shall include on each page a conspicuous header, footer, or watermark stating "DRAFT – Not Reviewed or Approved by BAAQMD," unless DISTRICT has waived its requirement for prior approval pursuant to paragraph A of this section.
- C. Information, data, documents, or reports developed by CONTRACTOR for DISTRICT, pursuant to this Contract, shall be part of DISTRICT's public record, unless otherwise indicated. CONTRACTOR may use or publish, at its own expense, such information, provided DISTRICT approves use of such information in advance. The following acknowledgment of support and disclaimer must appear in each publication of materials, whether copyrighted or not, based upon or developed under this Contract.

“This report was prepared as a result of work sponsored, paid for, in whole or in part, by the Bay Area Air Quality Management District (District). The opinions, findings, conclusions, and recommendations are those of the author and do not necessarily represent the views of the District. The District, its officers, employees, contractors, and subcontractors make no warranty, expressed or implied, and assume no legal liability for the information in this report.”

- D. CONTRACTOR shall inform its officers, employees, and subcontractors involved in the performance of this Contract of the restrictions contained herein and shall require compliance with the above.
19. NON-DISCRIMINATION – In the performance of this Contract, CONTRACTOR shall not discriminate in its recruitment, hiring, promotion, demotion, and termination practices on the basis of race, religious creed, color, national origin, ancestry, sex, age, marital status, sexual orientation, medical condition, or physical or mental disability and shall comply with the provisions of the California Fair Employment & Housing Act (Government Code Section 12900 et seq.), the Federal Civil Rights Act of 1964 (P.L. 88-352) and all amendments thereto, and all administrative rules and regulations issued pursuant to said Acts. CONTRACTOR shall also require each subcontractor performing services in connection with this Contract to comply with this section and shall include in each contract with such subcontractor provisions to accomplish the requirements of this section.
20. PROPERTY AND SECURITY – Without limiting CONTRACTOR’S obligations with regard to security, CONTRACTOR shall comply with all the rules and regulations established by DISTRICT for access to and activity in and around DISTRICT’s premises.
21. ASSIGNMENT – No party shall assign, sell, license, or otherwise transfer any rights or obligations under this Contract to a third party without the prior written consent of the other party, and any attempt to do so shall be void upon inception.
22. WAIVER – No waiver of a breach, of failure of any condition, or of any right or remedy contained in or granted by the provisions of this Contract shall be effective unless it is in writing and signed by the party waiving the breach, failure, right, or remedy. No waiver of any breach, failure, right, or remedy shall be deemed a waiver of any other breach, whether or not similar, nor shall any waiver constitute a continuing waiver unless the writing so specifies. Further, the failure of a party to enforce performance by the other party of any term, covenant, or condition of this Contract, and the failure of a party to exercise any rights or remedies hereunder, shall not be deemed a waiver or relinquishment by that party to enforce future performance of any such terms, covenants, or conditions, or to exercise any future rights or remedies.
23. ATTORNEYS’ FEES – In the event any action is filed in connection with the enforcement or interpretation of this Contract, each party shall bear its own attorneys’ fees and costs.
24. FORCE MAJEURE – Neither DISTRICT nor CONTRACTOR shall be liable for or deemed to be in default for any delay or failure in performance under this Contract or interruption of services resulting, directly or indirectly, from acts of God, enemy or hostile governmental action, civil commotion, strikes, lockouts, labor disputes, fire or other casualty, judicial orders, governmental controls,

regulations or restrictions, inability to obtain labor or materials or reasonable substitutes for labor or materials necessary for performance of the services, or other causes, except financial, that are beyond the reasonable control of DISTRICT or CONTRACTOR, for a period of time equal to the period of such force majeure event, provided that the party failing to perform notifies the other party within fifteen calendar days of discovery of the force majeure event, and provided further that that party takes all reasonable action to mitigate the damages resulting from the failure to perform. Notwithstanding the above, if the cause of the force majeure event is due to party's own action or inaction, then such cause shall not excuse that party from performance under this Contract.

25. SEVERABILITY – If a court of competent jurisdiction holds any provision of this Contract to be illegal, unenforceable or invalid in whole or in part for any reason, the validity and enforceability of the remaining provisions, or portions of them will not be affected.
26. HEADINGS – Headings on the sections and paragraphs of this Contract are for convenience and reference only, and the words contained therein shall in no way be held to explain, modify, amplify, or aid in the interpretation, construction, or meaning of the provisions of this Contract.
27. COUNTERPARTS/FACSIMILES/SCANS – This Contract may be executed and delivered in any number of counterparts, each of which, when executed and delivered, shall be deemed an original, and all of which together shall constitute the same contract. The parties may rely upon a facsimile copy or scanned copy of any party's signature as an original for all purposes.
28. GOVERNING LAW – Any dispute that arises under or relates to this Contract shall be governed by California law, excluding any laws that direct the application of another jurisdiction's laws. Venue for resolution of any dispute that arises under or relates to this Contract, including mediation, shall be San Francisco, California.
29. ENTIRE CONTRACT AND MODIFICATION – This Contract represents the final, complete, and exclusive statement of the agreement between the parties related to CONTRACTOR providing services to DISTRICT and supersedes all prior and contemporaneous understandings and agreements of the parties. No party has been induced to enter into this Contract by, nor is any party relying upon, any representation or warranty outside those expressly set forth herein. This Contract may only be amended by mutual agreement of the parties in writing and signed by both parties.
30. SURVIVAL OF TERMS – The provisions of sections 8 (Indemnification), 16 (Confidentiality), 17 (Intellectual Property Rights), and 18 (Publication) shall survive the expiration or termination of this Contract.

IN WITNESS WHEREOF, the parties to this Contract have caused this Contract to be duly executed on their behalf by their authorized representatives.

BAY AREA AIR QUALITY
MANAGEMENT DISTRICT

ITHELP, LLC

By: _____
Jack P. Broadbent
Executive Officer/APCO

By: _____
Francis Kim
President

Date: _____

Date: _____

Approved as to form:
District Counsel

By: _____
Adan Schwartz
Acting District Counsel

DRAFT

Attachment A
General Description of Services

The DISTRICT IT infrastructure utilizes CISCO, Hewlett-Packard, NetAPP and Simplivity servers, storage and telecommunications systems with enhanced failover capabilities. Over time, projects are required for maintenance, updates and enhancements as the manufacturers of the various systems release updates and patches for their systems. These activities require an expert level of technical proficiency and knowledge specific to the equipment makes and models utilized in the infrastructure.

In addition, the DISTRICT's IT infrastructure is six years old and approaching the end of its useful life. The DISTRICT will soon begin a re-design phase of its IT infrastructure and will require independent consultant not with an expert level of technical proficiency, familiarity, and knowledge specific to current options to evaluate potential designs.

CONTRACTOR will provide technical project support for maintenance, upgrades and enhancements to the DISTRICT's network, storage, and server infrastructure. In addition, CONTRACTOR will provide independent advice and assistance with the review and evaluation of work related to updating the design of the DISTRICT's IT infrastructure.

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT
MASTER SERVICES CONTRACT
ITHELP, LLC
CONTRACT NO. 2022.077
Task Order No. 1**

1. Service Objective

CONTRACTOR will provide technical support for upgrades, enhancements and other improvements to the DISTRICT's IT infrastructure including network components, servers, storage and related hardware and software.

CONTRACTOR will provide technical design assistance and technical vendor review related to re-design of the DISTRICT's IT Infrastructure

2. Work Plan

CONTRACTOR shall perform the following tasks to enhance IT infrastructure required for all DISTRICT business operations. CONTRACTOR will provide maintenance to ensure the DISTRICT's current infrastructure is operating at optimal performance and to the most current versions. CONTRACTOR assures that all services provided shall be of good quality, free from faults and defects, and in conformance with the Task Order.

- 2.1** Upgrade infrastructure to latest software levels
- 2.2** Analyze current operations of infrastructure to assure optimal operation
- 2.3** Monitor and assess performance issues
- 2.4** Troubleshoot and execute remediation of issues
- 2.5** Replace hardware as needed
- 2.6** Review vendor technical submissions and needed
- 2.7** Provide recommendations for the re-design of the District's IT infrastructure

Prior to the commencement of any work, CONTRACTOR shall submit a written cost estimate for approval via electronic mail. CONTRACTOR shall not proceed with any work without DISTRICT providing written authorization in advance.

3. Payment

DISTRICT shall pay CONTRACTOR for the work outlined in this Task Order No. 3 on a time and materials basis, not to exceed \$260,000. The following roles and hourly billing rates are available under this Task Order:

<i>Principal Engineer</i>	\$302.00 per hour
<i>Senior Engineer</i>	\$206.00 per hour
<i>Associate Engineer</i>	\$100.00 per hour

Upon completion of the work listed in Section 2, CONTRACTOR will submit to DISTRICT a written notice of completion. DISTRICT will provide a notice of acceptance or a notice rejecting the Task Order as complete via electronic mail to CONTRACTOR within 3 business days. If rejected, DISTRICT will provide, along with the rejection notice, a detailed description of any remedy required for

acceptance. Once the notice of completion is accepted by DISTRICT, CONTRACTOR may invoice all hours spent.

Total Task Order Cost not to exceed \$260,000.

IN WITNESS WHEREOF, the parties to this Task Order have caused this Task Order to be duly executed on their behalf by their authorized representatives.

BAY AREA AIR QUALITY
MANAGEMENT DISTRICT

ITHELP, LLC

By: _____
Jack P. Broadbent
Executive Officer/APCO

By: _____
Francis Kim
CEO

Date: _____

Date: _____

Approved as to form:
District Counsel

By: _____
Adan Schwartz
Acting District Counsel

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
Memorandum

To: Chairperson Karen Mitchoff and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: March 16, 2022

Re: Notices of Violations Issued and Settlements in Excess of \$10,000 in the Month of
January 2022

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

None.

DISCUSSION

In accordance with Resolution No. 2012-08, attached to this Memorandum is a listing of all Notices of Violations issued, and all settlements for amounts in excess of \$10,000 during the calendar month prior to this report.

BUDGET CONSIDERATION/FINANCIAL IMPACT

The amounts of civil penalties collected are included in the Air District's general fund budget.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Adan Schwartz

ATTACHMENTS:

1. Notices of Violations for the Month of January 2022

NOTICES OF VIOLATIONS ISSUED

The following Notice(s) of Violations were issued in January 2022:

Alameda						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comment
76 Gas Station	Z4759	Hayward	A59750A	1/5/2022	8-7-302.1	Gas Dispensing Facility Violation
Clear Sky Construction	FA215	Alameda	A60081A	1/20/2022	11-2-401.3	Asbestos Violation
Fremont Gas N Wash	W0024	Fremont	A59838A	1/25/2022	8-7-301.5	Gas Dispensing Facility Violation
High Octane Body & Paint	E1754	Oakland	A59826A	1/31/2022	2-1-301	No Authority to Construct and No Permit to Operate
High Octane Body & Paint	E1754	Oakland	A59826B	1/31/2022	2-1-302	No Authority to Construct and No Permit to Operate
Liaoning Benefit Petroleum (US) Corporation	Z9773	Alameda	A61375A	1/4/2022	8-7-302.3	Gas Dispensing Facility Violation
Liaoning Benefit Petroleum (US) Corporation	Z9773	Alameda	A61377A	1/6/2022	8-7-301.5	Gas Dispensing Facility Violation
MPP Union City a Division of Amcor Packaging Dist	A8581	Union City	A60226A	1/20/2022	2-1-307	Permit Requirement/Condition Violation
Quikrete Northern California	B2001	Fremont	A60225A	1/19/2022	2-1-307	Permit Requirement/Condition Violation
Shell of Alameda #135032	C9790	Alameda	A61376A	1/4/2022	8-7-301.5	Gas Dispensing Facility Violation
Tri Valley Shell	Z4740	Livermore	A59751A	1/20/2022	8-7-302.1	Gas Dispensing Facility Violation
Turk Island Solid Waste Disposal Site	A3256	Union City	A60227A	1/27/2022	8-34-301.1	Landfill Violation

Turk Island Solid Waste Disposal Site	A3256	Union City	A60227B	1/27/2022	1-523.3	Parametric Monitor Violation
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Contra Costa						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comment
Chevron Products Company	Y2653	San Ramon	A61441A	1/19/2022	8-7-301.6	Gas Dispensing Facility Violation
Chevron Products Company	A0010	Richmond	A61078A	1/24/2022	12-11-502.3.1	Refinery Flare Monitoring Violation
Chevron Products Company	A0010	Richmond	A61079A	1/18/2022	12-11-502.3.1	Refinery Flare Monitoring Violation
Chevron Products Company	A0010	Richmond	A61080A	1/18/2022	12-11-502.3.1	Refinery Flare Monitoring Violation
Chevron Products Company	A0010	Richmond	A61081A	1/18/2022	12-11-502.3.1	Refinery Flare Monitoring Violation
Chevron Products Company	A0010	Richmond	A61082A	1/18/2022	12-11-502.3.1	Refinery Flare Monitoring Violation
Chevron Products Company	A0010	Richmond	A61083A	1/18/2022	12-11-502.3.1	Refinery Flare Monitoring Violation
Chevron Products Company	A0010	Richmond	A61084A	1/18/2022	12-11-502.3.1	Refinery Flare Monitoring Violation
Chevron Products Company	A0010	Richmond	A61085A	1/18/2022	12-11-502.3.1	Refinery Flare Monitoring Violation
Chevron Products Company	A0010	Richmond	A61086A	1/18/2022	12-11-502.3.1	Refinery Flare Monitoring Violation
Chevron Products Company	A0010	Richmond	A61087A	1/18/2022	12-11-502.3.1	Refinery Flare Monitoring Violation
Chevron Products Company	A0010	Richmond	A61088A	1/18/2022	12-11-502.3.1	Refinery Flare Monitoring Violation

Chevron Products Company	A0010	Richmond	A61089A	1/18/2022	12-11-502.3.1	Refinery Flare Monitoring Violation
Clayton Valley Shell	C7687	Concord	A61440A	1/18/2022	2-1-307	Permit Requirement/Condition Violation
Martinez Refining Company LLC	A0011	Martinez	A60761A	1/5/2022	10	Federal Requirement Violation
Martinez Refining Company LLC	A0011	Martinez	A60762A	1/5/2022	10	Federal Requirement Violation
Phillips 66 Company	A0061	Richmond	A58793A	1/11/2022	8-5-305.3	Storage Tank Violation

Napa						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comment
Beacon GDF	FA212	Napa	A61436A	1/5/2022	8-7-302.1	Gas Dispensing Facility Violation
Beacon GDF	FA212	Napa	A61437A	1/5/2022	2-1-307	Permit Requirement/Condition Violation
Beacon GDF	FA212	Napa	A61437B	1/5/2022	2-1-307	Permit Requirement/Condition Violation
Jefferson Car Wash	FA126	Napa	A61435A	1/4/2022	2-1-307	Permit Requirement/Condition Violation
Napa-Vallejo Waste Management Authority	A9183	Napa	A61090A	1/13/2022	1-523.1	Parametric Monitor Violation
Napa-Vallejo Waste Management Authority	A9183	Napa	A61090B	1/13/2022	8-34-301.1	Landfill Violation
Ramondin USA, Inc	E2791	Napa	A61091A	1/13/2022	2-1-307	Permit Requirement/Condition Violation

San Francisco						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comment
Laguna Honda Hospital	A1860	San Francisco	A61005A	1/5/2022	9-7-506	Boiler Emissions Violation
Laguna Honda Hospital	A1860	San Francisco	A61006A	1/12/2022	9-7-506	Boiler Emissions Violation
Sixt Rent A Car	FA190	San Francisco	A61379A	1/20/2022	2-1-302	No Permit to Operate

San Mateo						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comment
Westborough Kwik Serv	Z8022	South San Francisco	A61378A	1/11/2022	8-7-302.5	Gas Dispensing Facility Violation

Santa Clara						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comment
CAP Tranche 2, llc	FA216	Cupertino	A60500A	1/20/2022	CCR	Naturally Occurring Asbestos Violation
NASA-AMES Research Center	A0550	Mountain View	A60447A	1/20/2022	2-1-307	Permit Requirement/Condition Violation
NASA-AMES Research Center	A0550	Mountain View	A60448A	1/20/2022	2-1-307	Permit Requirement/Condition Violation
Northrop Grumman Systems Corporation	B0861	Sunnyvale	A58385A	1/18/2022	2-1-307	Permit Requirement/Condition Violation
Restoration Management Company	FA235	San Jose	A60082A	1/26/2022	11-2-303.6	Asbestos Violation
San Jose State University (Cogen Plant)	A7265	San Jose	A60499A	1/11/2022	9-9-301	Turbine NOx or CO Violation

Stevens Creek Gas	FA152	Cupertino	A59837A	1/7/2022	8-7-302.3	Gas Dispensing Facility Violation
The Forum at Ranche San Antonio	FA189	Cupertino	A58386A	1/18/2022	2-1-301	No Authority to Construct
The Forum at Ranche San Antonio	FA189	Cupertino	A58387A	1/18/2022	2-1-301	No Authority to Construct and No Permit to Operate
The Forum at Ranche San Antonio	FA189	Cupertino	A58387B	1/18/2022	2-1-302	No Authority to Construct and No Permit to Operate

Solano						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comment
Benicia Harbor Corp	Z0868	Benicia	A61438A	1/11/2022	2-1-307	Permit Requirement/Condition Violation
City of Benicia - Corporation Yard	FA204	Benicia	A61439A	1/13/2022	2-1-307	Permit Requirement/Condition Violation
Valero Refining Company - California	B2626	Benicia	A59513A	1/26/2022	1-441	Denied Access to Information

District Wide						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comment
Lawton Construction & Restoration	FA183	Lincoln	A61007A	1/20/2022	11-2-401.3	Asbestos Violation

SETTLEMENTS FOR \$10,000 OR MORE REACHED

There were 4 settlement(s) for \$10,000 or more completed in January 2022.

1) On January 11, 2022, the District reached settlement with Sanmina-SCI for \$30,000, regarding the allegations contained in the following 1 Notice of Violation:

NOV #	Issuance Date	Occurrence Date	Regulation	Comments from Enforcement
A57021A	6/20/2019	8/1/2016	2-1-307	Permit Requirement/Condition Violation
A57021B	6/20/2019	8/1/2016	8-4-313	Surface Preparation Violation

2) On January 11, 2022, the District reached settlement with Air Liquide Large Industries US LP for \$90,000, regarding the allegations contained in the following 1 Notice of Violation:

NOV #	Issuance Date	Occurrence Date	Regulation	Comments from Enforcement
A59909A	4/14/2021		8-18-301	Equipment Leak Violation

3) On January 11, 2022, the District reached settlement with Air Liquide Large Industries US LP for \$69,000, regarding the allegations contained in the following 6 Notices of Violation:

NOV #	Issuance Date	Occurrence Date	Regulation	Comments from Enforcement
A56359A	1/10/2017	4/7/2016	2-6-307	Title V Requirement/Permit Condition Violation
A56411A	5/24/2017	2/18/2016	1-522	Continuous Emissions Monitor Violation
A56412A	5/24/2017	9/22/2016	2-6-307	Title V Requirement/Permit Condition Violation
A56413A	5/24/2017	10/14/2016	2-6-307	Title V Requirement/Permit Condition Violation
A56414A	5/24/2017	3/3/2017	1-522.8	Continuous Emissions Monitor Violation
A57719A	11/6/2018	6/7/2017	2-6-307	Title V Requirement/Permit Condition Violation

4) On January 25, 2022, the District reached settlement with Central Concrete Supply Inc for \$12,000, regarding the allegations contained in the following 1 Notice of Violation:

NOV #	Issuance Date	Occurrence Date	Regulation	Comments from Enforcement
A59013A	3/30/2021	1/7/2013	2-1-307	Permit Requirement/Condition Violation

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Karen Mitchoff and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: March 16, 2022

Re: Report of the Stationary Source Committee Meeting of February 28, 2022

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

None.

DISCUSSION

The Stationary Source and Climate Impacts Committee met on Monday, February 28, 2022, and approved the minutes of December 20, 2021. This meeting was conducted under procedures authorized by Assembly Bill 361. Members of the Committee participated by teleconference.

The Committee then reviewed and discussed the staff presentation *Proposed Regulation 13: Climate Pollutants, Rule 5: Industrial Hydrogen Plants*. Although this was not an action item, the consensus of the Committee members present was to recommend that Air District staff move forward with their proposed recommendations to the Board of Directors in the form of a public hearing in April 2022.

The Committee then reviewed and discussed the staff presentation *Strategies for Accelerating Facility Risk Reductions* (regarding Regulation 11, Rule 18: Reduction of Risk from Air Toxic Emissions at Existing Facilities.) Although this was not an action item, the consensus of the Committee members present was to recommend that Air District staff recommend to the Board that additional staff be hired so that permitting activities may be removed from all modeling staff, thus shortening the estimated time of completion of Health Risk Analyses from five to two years.

Finally, the Committee reviewed and discussed the staff presentation *Introduction to the Stationary Source and Climate Impacts Committee and 2022 Work Plan*, containing proposed issues for the Committee to consider from February through December 2022.

The next meeting of this committee will be Monday, March 21, 2022, at 9:00 a.m., via webcast, pursuant to procedures authorized by Assembly Bill 361. This concludes the report of the Stationary Source and Climate Impacts Committee.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Marcy Hiratzka
Reviewed by: Vanessa Johnson

ATTACHMENTS:

1. Stationary Source and Climate Impacts Committee February 28, 2022 Meeting Memorandums

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson John Bauters and Members
of the Stationary Source and Climate Impacts Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: February 28, 2022

Re: Proposed New Regulation 13: Climate Pollutants, Rule 5: Industrial Hydrogen Plants
and Proposed Amendments to Regulation 8: Organic Compounds, Rule 2:
Miscellaneous Operations

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

Air District staff is proposing New Regulation 13: Climate Pollutants, Rule 5, Industrial Hydrogen Plants (Rule 13-5) which will limit vented emissions of “total organic compounds” (methane and volatile organic compounds) from hydrogen production operations. The Air District has a policy goal of reducing Bay Area greenhouse gas emissions to 40 percent below 1990 levels by 2030, and 80 percent below 1990 levels by 2050. Methane is a potent and short-lived climate pollutant with a global warming potential 86 times greater than that of carbon dioxide, when compared on a 20-year time horizon. The intent of Proposed Rule 13-5 is to minimize both methane and other organic compound emissions, normally emitted from atmospheric vents at industrial hydrogen plants during normal operating conditions, startups, shutdowns, malfunctions, upsets, and emergencies. Staff is also proposing to exempt from Regulation 8, Rule 2: Miscellaneous Operations hydrogen plant sources addressed by Proposed Rule 13-5.

DISCUSSION

The Air District is proposing a new source-specific rule to address emissions of methane (a potent climate pollutant) and volatile organic compounds (a precursor to smog formation), which together are defined as "total organic compounds" (TOC), in the Bay Area. Proposed Regulation 13: Climate Pollutants, Rule 5: Industrial Hydrogen Plants (Rule 13-5) would limit vented emissions of methane and organic compounds from hydrogen production plants operations and hydrogen carrying systems.

The Air District held a public workshop at its headquarters in San Francisco in January 2020 to present and discuss draft regulatory language for Rule 13-5, along with a workshop report. Based on comments received and additional research, Air District staff revised draft Rule 13-5 to address concerns and comments raised by stakeholders and published a revised version of draft Rule 13-5 and the associated Preliminary Staff Report in September 2020.

The Air District received comments on the September 2020 version of the revised draft rule and subsequently updated the draft rule language to accommodate reasonable concerns related to definitions, testing methods, monitoring, reporting, and compliance timelines. On June 30, 2021, the Air District released a request for comments along with the updated draft rule language, as well as a California Environmental Quality Act (CEQA) Notice of Preparation of a Draft Environmental Impact Report and an Initial Study (NOP/IS). Air District staff hosted a scoping meeting held in a virtual format on Tuesday, July 27, 2021, and accepted comments on the revised rule language and CEQA NOP/IS through July 30, 2021. In September 2021, Air District staff met with refinery staff to better understand potential emissions reduction measures that might be implemented to comply with draft Rule 13-5 in lieu of flaring. On October 20, 2021, the Air District met with Western States Petroleum Association and refinery staff to discuss the potential challenges and issues related to monitoring emissions from carbon dioxide scrubbing and deaerator vents. In response to feedback from the public, regulated community, and internal staff, along with that of the Board of Directors, Air District staff prepared the Proposed New Rule 13-5, Staff Report, and Draft Environmental Impact Report.

On Monday, January 24, 2022, Air District staff released a Notice of Public Hearing, Notice of Completion and Availability of a CEQA Draft Environmental Impact Report, Proposed New Rule 13-5, Proposed Amendments to Rule 8-2, Staff Report, Socioeconomic Impact Analysis, and other supporting documents. Written comments on the Draft Environmental Impact Report will be accepted until March 10, 2022, the deadline for the 45-day written comment period required by CEQA.

During the presentation to the Stationary Source and Climate Impacts Committee, staff will provide background information on hydrogen production plants, rule development efforts thus far completed, review changes made to the draft rule since it was presented to the Committee in July of 2021, and address potential emission and aesthetic impacts of flares as a means of control.

Air District staff anticipates presenting these items for consideration by the Air District Board of Directors at a Public Hearing on April 6, 2022.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Robert Cave and Alex Sohn
Reviewed by: Victor Douglas and Elizabeth Yura

ATTACHMENTS:

None

STATIONARY SOURCE AND
CLIMATE IMPACTS COMMITTEE
MEETING OF 02/28/2022

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson John Bauters and Members
of the Stationary Source and Climate Impacts Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: February 28, 2022

Re: Regulation 11, Rule 18 (Rule 11-18) Facility Risk Reduction Program - Strategies for
Accelerating Facility Risk Reductions

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

The Air District's Facility Risk Reduction Program focuses on toxic emissions released from stationary sources at existing facilities. It requires risk reductions for facilities and sources with elevated health risks. Since many facilities with high health risks are located in overburdened communities, this program should help to reduce health risk disparities in overburdened communities.

The Facility Risk Reduction Program is implemented through Regulation 11, Rule 18 (or Rule 11-18): "Reduction of Risk from Air Toxic Emissions at Existing Facilities." Rule 11-18 requires that existing facilities either:

- (a) Reduce all health risks from stationary sources below the rule's risk action levels, or
- (b) Install best available retrofit control technology for toxics (TBARCT) on all significant sources of health risks.

Rule 11-18 risk action levels are:

Cancer risk of 10 in a million,
Non-cancer chronic hazard index of 1.0, and
Non-cancer acute hazard index of 1.0.

DISCUSSION

Implementation Process:

The Rule 11-18 implementation process includes the following steps:

- (1) Screening facilities to identify those that require a facility-wide health risk assessment (HRA),
- (2) Collecting and validating emission inventories and other input data required for the HRA,
- (3) Conducting and approving HRAs,
- (4) Reviewing and approving risk reduction plans (RRPs), and
- (5) Implementing and verifying risk reductions.

Facilities are screened on a routine basis using the facility's prioritization score. Any facility with a prioritization score greater than 10 is a "high priority" facility that will require a comprehensive facility-wide HRA. Phase I facilities have the highest potential for elevated health risks and have a prioritization score greater than 250. The remaining sites with a prioritization score greater than 10 are Phase II facilities. Based on the most recent screening assessment, the Air District has 34 Phase I facilities and 290 Phase II facilities.

HRAs are under way now for the Phase I facilities. The HRA review and approval process includes preparation of a preliminary HRA, which is provided to the facility for a 90 day-comment period, publication of a draft HRA for public comment, and Air District approval of a final HRA.

Implementation Status:

To date, the Air District has completed emission inventory updates for 21 of the 34 Phase I facilities. Staff have completed seven (7) preliminary HRAs, and two (2) additional preliminary HRAs are undergoing final internal review. The Air District has also posted three (3) draft HRAs for public comment. Staff is evaluating and responding to public and facility comments received during the public comment periods and is incorporating necessary revisions into the final HRA reports for three (3) facilities. Currently, staff are working on HRAs for 13 facilities. HRAs for refineries will begin as soon as the heavy liquid study is completed and Rule 12-15 inventories are finalized.

Staff estimates that about half of the Phase I facilities (or about 17 facilities) will be required to submit risk reduction plans.

Processing Delays:

Initially, the emissions inventory review, risk assessment, and risk reduction plan approval processes were expected to take about three (3) years per facility. The facility would then have five (5) years to implement risk reductions, for a total process of 8 years for each facility.

However, the risk assessment approval process for Phase I facilities, including the Bay Area's petroleum refineries, has been taking longer than anticipated due to lack of sufficient Engineering staff to handle all of the competing permitting, modeling, and rule development

priorities and due to legal issues that delayed completion of the Rule 12-15 toxic emission inventories for refineries. In some cases, the Air District's engineering review uncovered data gaps, inconsistencies, and errors in the toxic emission inventory that must be resolved before completing the HRA. In addition, some facilities have been conducting source tests and other on-site measurements to improve their emissions inventories. Several sites have also requested authorities to construct for process changes or abatement devices that will reduce health impacts in their communities. The staff reviewing these permit applications is also the staff that is reviewing the emission inventories. Toxic emission rate disputes for unique sources with no standardized emission factors and difficult testing scenarios have resulted in additional delays for some sites. The initial review time estimate also did not consider the time necessary for conducting public workshops. These unanticipated issues and lack of sufficient staff resources to handle all of the required permitting, modeling, and program work have resulted in lengthy HRA processing times.

Staff has heard Board and public concerns about the length of the HRA processing times and the resulting delays in achieving risk reductions at Bay Area facilities, especially those located in already overburdened communities. Staff is taking action to reduce the HRA processing times and accelerate approval of risk reduction plans. Since October 2021, the Engineering Division has been filling existing vacancies and preparing to hire new staff as soon as new positions are authorized. The Engineering Division was reorganized in January 2022 to improve efficiency. Additional improvements for the Facility Risk Reduction Program are discussed below.

Program Improvements:

For each Phase I facility, staff has strived to minimize HRA processing times while maintaining a high standard of quality and consistency for the toxic emission inventory and the risk assessment. In November 2021, staff presented several near-term, mid-term, and long-term program improvement strategies that were intended to accelerate the HRA processing times. However, some of these contemplated strategies would result in a less rigorous Air District review of toxic sources and inventories and could lead to sacrifices to the quality of the HRA. The Stationary Source and Climate Impacts Committee made it clear that compromises in the quality of Rule 11-18 HRAs and Risk Reduction Plans were not acceptable options.

Therefore, staff have developed new strategies that would accelerate approval of health risk assessments and risk reduction plans by increasing the number of assigned staff and improving staff efficiency. Under the original implementation plan, permit engineers that are assigned to Rule 11-18 facilities are responsible for TAC emission inventory review and updates and would be responsible for approval of risk reduction plans in the future. The modeling staff would prepare the HRAs and assist with determining the effectiveness of risk reduction strategies. This arrangement has proven to be inefficient because permit applications for new and modified sources, permit back-logs, and enforcement support for toxic-related concerns are constantly given priority rather than Rule 11-18 work. Creating a group of staff whose primary responsibility is Rule 11-18 implementation will give this program the attention it deserves. Eliminating permitting responsibilities will enable Rule 11-18 staff to focus on improving TAC inventories and evaluating risk reduction strategies, while having all Rule 11-18 program and modeling staff under one manager will improve consistency and efficiency. The Engineering

Division reorganization in January 2022 prepared for a dedicated Rule 11-18 group. However, this strategy will require at least four (4) new FTEs in addition to planned staff additions to the Engineering Division.

If additional staff can be hired and permitting activities can be removed from all modeling staff, completion of HRAs can be shortened from about five (5) years at the current staffing rate to about two (2) years. Any future diversion of Rule 11-18 staff to other projects will impact these estimated schedules.

Next Steps:

Staff is continuing the HRA work that is underway now for thirteen facilities. We are diverting new permit application work away from the modeling group to free up more time for Rule 11-18 work and will transfer existing permit work to other Engineering staff when recently hired staff complete training and are ready to handle the high-profile tasks currently assigned to modeling staff. We are preparing procedures and guidelines for submittal and review of risk reduction plans, the dispute resolution panel, and TBARCT determinations to ensure efficient approval of risk reduction plans in the future. Staff is awaiting the results of the Management Audit and preparing to hire new staff as soon as they are authorized.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None. This presentation is informational only. Specific budget impacts for new staff will be identified in subsequent presentations for the Engineering Division after the Management Audit.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Carol Allen
Reviewed by: Pamela Leong

ATTACHMENTS:

None

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson John Bauters and Members
of the Stationary Source and Climate Impacts Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: February 28, 2022

Re: Proposed 2022 Stationary Source and Climate Impacts Committee Meeting Work
Plan

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

The Stationary Source and Climate Impacts Committee (Committee) considers and recommends policies to the Board of Directors relating to stationary sources. The Committee recommends positions to the Board of Directors on stationary source policy issues affecting the implementation of the two State and Federal Air Quality Management Plans and key planning policy issues such as Federal and State Air Quality Management Plan development and air quality and economic modeling.

The Committee also reviews and makes recommendations to the Board of Directors regarding major stationary source programs including: permitting, compliance, small business assistance, toxics, source education, and rule development. The Committee recommends to the Board of Directors positions concerning federal and state regulations that affect stationary sources.

The Committee also recommends policies to the Board of Directors for disbursement of supplemental environmental project grants. The Committee also considers and recommends to the Board of Directors policies and positions of the Air District relating to climate protection activities and funding relative to stationary sources. The Committee also keeps itself informed on actions and proposed actions by local, regional, state, federal, and international agencies and organizations relating to climate protection relative to stationary sources.

DISCUSSION

In order to facilitate the operations of the Committee, staff will share a proposed work plan for meetings of the Committee in 2022.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Sonam Shah-Paul

Reviewed by: Greg Nudd

ATTACHMENTS:

1. Stationary Source and Climate Impacts Committee 2022 Workplan

STATIONARY SOURCE AND
CLIMATE IMPACTS COMMITTEE
MEETING OF 02/28/2022

Proposed 2022 Stationary Source and Climate Impacts Committee Meeting Workplan

Meeting Schedule	Topics
February	<ul style="list-style-type: none"> • Introduction to the SSCI Committee and 2022 Workplan • Rule 11-18 Update • Rule 13-5 Update
March	<ul style="list-style-type: none"> • <i>NOx Appliance Rules (9-4 and 9-6) update (if no EIR)</i> • Fenceline Community Air Monitoring Program (Schedule X) • Update on Bay Area Refinery Conversion Projects <ul style="list-style-type: none"> ○ Rule 9-14: Petroleum Coke Calcining Operations
April	<ul style="list-style-type: none"> • <i>NOx Appliance Rules (9-4 and 9-6) update (if EIR)</i> • South Bay Odor Study • Rule 8-8: Refinery Wastewater • Wildfire Response Program Update
May	<ul style="list-style-type: none"> • Rule 9-13: Portland Cement Manufacturing • Air Filtration Health Benefits (Possible Guest Speaker)
June	<ul style="list-style-type: none"> • Rule 11-18 Update • AB 32 Scoping Plan Update
July	<ul style="list-style-type: none"> • Rule 8-5: Tanks • Rule 8-18: Equipment Leaks • Bay View Hunters Point Cement and Material Handling Facilities
August – No Meeting	
September	<ul style="list-style-type: none"> • Health Impacts of Wood Smoke
October	<ul style="list-style-type: none"> • Source Prioritization • Particulate Matter Methodology
November	<ul style="list-style-type: none"> • Green and Healthy Homes Update
December	<ul style="list-style-type: none"> • Source Apportionment in Overburdened Communities Update

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Karen Mitchoff and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: March 16, 2022

Re: Report of the Path to Clean Air Community Emissions Reduction Plan Community
Steering Committee Meeting of February 28, 2022

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

None.

DISCUSSION

The Richmond Area Community Emissions Reduction Plan Steering Committee met on Monday, February 28, 2022, and approved the minutes of January 24, 2022. This meeting was conducted under procedures authorized by Assembly Bill 361. Members of the Committee participated by teleconference.

The Committee then received and discussed the staff presentation *Types of Actions to Reduce Emissions and Exposure*. Air District staff presented potential actions and strategies to reduce emissions and exposure for the Richmond Area Community Emissions Reductions Plan, including regulations, permitting, enforcement, incentives, further study, and education and outreach.

The Committee then received and discussed the staff presentation *List of Community Air Pollution Concerns for Key Issues Framing*, containing concerns that have been identified from various past efforts, that will be used as the basis for forming key issues and strategies to reduce local exposure to air pollution in the Richmond area.

The next meeting of the Richmond Area Community Emissions Reduction Plan Steering Committee will be held on Monday, March 21, 2022, at 5:30 p.m., via webcast, pursuant to procedures in accordance with Assembly Bill 361. This concludes the Chair Report of the Richmond Area Community Emissions Reduction Plan Steering Committee.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Marcy Hiratzka
Reviewed by: Vanessa Johnson

ATTACHMENTS:

1. Path to Clean Air Community Emissions Reduction Plan Community Steering Committee
February 28, 2022 Meeting Memorandums

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
Memorandum

To: Members of the Path to Clean Air Steering Committee

From: Veronica Eady
Senior Deputy Executive Officer of Policy & Equity

Date: February 28, 2022

Re: Types of Actions to Reduce Emissions and Exposure

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

This presentation will be a broad overview of potential Air District actions and strategies for the Community Emissions Reduction Plan including Regulations, Permitting, Enforcement, Incentives, Further Study, and Education and Outreach. This presentation will be followed by a more specific presentation in April 2022 that will present on which Air District actions and strategies may apply to the Path to Clean Air's Community Emissions Reduction Plan. There will also be other opportunities for the Steering Committee to learn about partner strategies.

DISCUSSION

The Steering Committee will have a chance to ask questions at the end of the presentation during a question and answer panel of the presenters from different Air District Divisions representing the potential actions and strategies.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Veronica Eady
Senior Deputy Executive Officer of Policy & Equity

Prepared by: Kevin Olp
Reviewed by: Veronica Eady

ATTACHMENTS:

None

PATH TO CLEAN AIR COMMUNITY
EMISSIONS REDUCTION PLAN
COMMUNITY STEERING COMMITTEE
MEETING OF 02/28/2022

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Members of the Path to Clean Air Steering Committee

From: Veronica Eady
Senior Deputy Executive Officer of Policy & Equity

Date: February 28, 2022

Re: Initial Community Concerns List with Key Issues Framing

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

The California Air Resources Board Community Air Protection Blueprint underlines, “Most importantly, underpinning AB 617 is the understanding that community members must be active partners in envisioning, developing, and implementing actions to clean up the air in their communities.” The starting point for envisioning, developing, and implementing actions to clean up the air in the Path to Clean Air focus area is identifying known community concerns and existing issues.

The Air District has compiled a comprehensive list of community concerns that have been identified from Community Assets and Air Pollution Mapping Project, extensive public engagement efforts with the Community Air Monitoring Plan Steering Committee, and from reports to the Air District’s complaint system. These issues have been grouped into the following main six categories that were major recurring themes across the different sources of community concerns:

- Fuel Refining, Support Facilities, Storage, and Distribution
- Localized Emissions Sources
- Odors and Smells
- Promoting Public Health and Reducing Exposure
- Vehicles and Trucks, Streets/Freeways, and Logistics
- Marine and Rail

These sources of concern will be used to analyze, develop, scope, and prioritize key issues that will be selected as areas to prioritize efforts for emissions and exposure reduction plans.

DISCUSSION

After the presentation, Technical Assessment (TA) Ad Hoc members will be empaneled to discuss their early reactions, questions, and input on the list of community concerns. The Steering Committee will have a chance to ask questions and provide input at the end of the presentation panel discussion. The three discussion questions include:

- There is a lot of technical jargon and Air District language, please flag areas where we could provide more explanation, or use more accessible language.
- Are these categories clear? Do they make sense? Are there ways we can organize these concerns in a more intuitive way?
- Is there anything missing from this list that is a known community concern you want us to add on this list?

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Veronica Eady
Senior Deputy Executive Officer of Policy & Equity

Prepared by: Kevin Olp
Reviewed by: Veronica Eady

ATTACHMENTS:

None

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Karen Mitchoff and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: March 16, 2022

Re: Report of the Community Equity, Health and Justice Committee Meeting of March 3,
2022

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

None.

DISCUSSION

The Community Equity, Health & Justice Committee met on Thursday, March 3, 2022, and approved the minutes of December 2, 2021. This meeting was conducted under procedures in accordance with Assembly Bill 361. Members of the Committee participated by teleconference.

The Committee then received a presentation on “The Listening Project” from Alfredo Angulo Castro and Marisol Cantu, members of the Richmond Progressive Alliance. The goal of The Listening Project is to better understand the concerns and needs of Richmond communities that have historically suffered the greatest harm from fossil fuel operations in Richmond. Ms. Cantu then continued a listening exercise that she led the Board in at the February 2, 2022 Board meeting. Clips of interviews of Richmond residents were played and Board members were asked to convey what they heard.

The Committee then received a presentation from Ernesto Arevalo, Northern California Program Director at Communities for a Better Environment (CBE). Mr. Arevalo described the variety of hardships experienced by residents of East Oakland; the history of CBE’s collaboration with the Air District and Assembly Bill 617 (Community Air Protection Program); and CBE’s desire for improvements to the AB 617 program, as the community of East Oakland was recently selected by the California Air Resources Board to be the next Bay Area community to develop a community emissions reduction program, and CBE will be working with the Air District to oversee this development.

The Committee then received and discussed the staff presentation *Update on the Community Advisory Council*.

Finally, the Committee received and discussed the staff presentation *Discussion of the 2022 Community Equity, Health & Justice Committee Work Plan*.

The next meeting of the Community Equity, Health & Justice Committee will be held on April 7, 2022, at 9:30 a.m., via webcast, pursuant to procedures authorized by Assembly Bill 361. This concludes the Chair Report of the Community Equity, Health & Justice Committee.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Marcy Hiratzka
Reviewed by: Vanessa Johnson

ATTACHMENTS:

1. Community Equity, Health and Justice Committee March 3, 2022, Meeting Memorandums

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Davina Hurt and Members
of the Community Equity, Health and Justice Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: March 3, 2022

Re: Community Perspectives

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

In August 2021, the Richmond Progressive Alliance began a project to collaborate with community members and community organizers to develop The Listening Project, a people-centered process to guide our local transition away from the fossil fuel industry. To build this project, four new organizers helped uplift voices left behind in the city's political and economic history.

This presentation will give background on the project, highlight insights and lessons learned from the project, and share clips of residents impacted and frustrated by pollution to practice active listening and understanding.

DISCUSSION

Members will listen to clips of Richmond residents and reflect on what they heard and respond to other discussion questions posed by the presenters.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Kevin Olp
Reviewed by: Veronica Eady

ATTACHMENTS:

None

COMMUNITY EQUITY, HEALTH
AND JUSTICE COMMITTEE MEETING
OF 03/03/2022

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Davina Hurt and Members
of the Community Equity, Health and Justice Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: March 3, 2022

Re: Community Perspective from Communities for a Better Environment

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

The Community Equity, Health and Justice Committee provides local and regional community environmental justice advocates and local leaders a platform to present and share their expertise and/or lived experiences. Specific subjects/topics will vary based upon each community perspective member's unique experience.

Ernesto Arevalo started at Communities for a Better Environment (CBE) as an East Oakland member, then joined the staff as CBE's Climate Adaptation Resiliency Enhancement (CARE) Coordinator in April 2016 before being selected as the Northern California Program Director. After graduating from the University of California, Davis in Environmental Policy Analysis and Planning, Ernesto wanted to use what he had learned to help improve his community. Ernesto's work draws on his roles as a community organizer, his experiences in communications to research and institutional organizing. He is committed to ensuring that the community's voice is heard and that the planning process is more accessible to residents.

Communities for a Better Environment and other East Oakland community organizations vocalized strong support for a nomination of East Oakland in the Assembly Bill (AB) 617 process. On November 3, 2021, the District Board of Directors approved the recommendation to CARB for the selection of East Oakland for an AB 617 community emissions reduction plan (CERP). Subsequently, on February 10, 2022, the CARB Board of Directors approved East Oakland for designation as an AB 617 CERP community.

DISCUSSION

Ernesto will discuss how the nomination of East Oakland for an AB 617 community emissions reduction plan galvanizes the community to collaborate to develop a plan for solutions to longstanding environmental injustices and the vision for the process. Ernesto will share their experiences over the years developing strong community coalitions and relationships and coalitions. He will also give perspectives on embarking on a new partnership with the Air District.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Lisa Flores
Reviewed by: Veronica Eady

ATTACHMENTS:

None

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Davina Hurt and Members
of the Community Equity, Health and Justice Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: March 3, 2022

Re: Update on the Community Advisory Council

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

The Air District's inaugural Community Advisory Council (CAC) held its first meeting on January 13, 2022. The meeting consisted of opening remarks from Air District leadership, CAC member introductions, a presentation on the Brown Act, and an overview of the Air District.

DISCUSSION

The Environmental Justice and Community Engagement Officer, Suma Peesapati, will provide an update on the Community Advisory Council. This update covers the Community Advisory Council's first meeting, their current activities, and future work.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Brian Butler
Reviewed by: Veronica Eady

ATTACHMENTS:

None

COMMUNITY EQUITY, HEALTH
AND JUSTICE COMMITTEE MEETING
OF 03/03/2022

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Davina Hurt and Members
of the Community Equity, Health and Justice Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: March 3, 2022

Re: Discussion of the 2022 Community Equity, Health, and Justice Committee Work
Plan

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

The Community Equity, Health and Justice, Committee (Committee) advises the Board of Directors regarding equitable and inclusive actions the Air District takes to create a healthy breathing environment for all people of the Bay Area, regardless of race, ethnicity, age, gender identity, national origin, immigration status, ability or disability, or sexual orientation.

The Committee oversees staff efforts in developing policies for both internal and external operations, which impact the Bay Area. Internal operations include applying an equity lens to programs, policies, practices and procedures related to staffing, recruitment, promotions, inclusive practices in the workplace, contracting for capital projects and services, and continuous racial equity training. External operations include addressing disparities by applying an equity lens to Air District programs, policies, practices, and procedures.

The Committee prioritizes traditionally marginalized and disinvested communities for investment opportunities to ensure communities highly impacted by air pollution receive program and policy prioritization. The Committee also recommends to the Board of Directors overall direction of the Air District's public engagement programs. In addition, the Committee hears proposals and makes recommendations to the Board of Directors regarding the selection of a contractor(s) to assist the Air District with aspects of the public engagement programs.

DISCUSSION

As part of its first meeting of the year, the Committee will review and discuss the proposed schedule and workplan for meetings in 2022.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Sonam Shah-Paul

Reviewed by: Veronica Eady

ATTACHMENTS:

1. Air District Draft CEHJC 2022 Workplan

COMMUNITY EQUITY, HEALTH
AND JUSTICE COMMITTEE MEETING
OF 03/03/2022

Proposed 2022 Community Equity, Health, and Justice Committee Meeting Workplan

Meeting Schedule	Topics
March	<ul style="list-style-type: none"> · Community Perspectives · CEHJ Work Plan Overview · Update on the Community Advisory Council (meetings to date) · AB 617 Update – East Oakland Community Selection
April	<ul style="list-style-type: none"> · Community Perspectives · Environmental Justice Work Plan · Participatory Budgeting Progress · SEP Air Filtration Project Update/Overview
May	<ul style="list-style-type: none"> · Community Perspectives · CAMP Update/Air Monitoring Van Project · Compliance and Enforcement & Permitting Overview · <i>TENTATIVE</i>: Clean Cars for All/ TIO Update
June	<ul style="list-style-type: none"> · Community Perspectives · Air District-wide Stipend Policy · Racial Equity Discussion/Toolkit · Richmond-North Richmond-San Pablo CERP Measures Update
July	<ul style="list-style-type: none"> · Community Perspectives · Community Advisory Council Update · Update on AB 617 Progress/Starter Kits · James Cary Smith Grant Program Update · <i>TENTATIVE</i>: Spare the Air Program Update
August – No Meeting	
September	<ul style="list-style-type: none"> · Community Perspectives · AB 617 – Community Designation · Racial Equity Plan/Equity Resource Team Report Out · Transparent and Equitable Funding Project Update
October	<ul style="list-style-type: none"> · Community Perspectives

	<ul style="list-style-type: none"> • Diversity, Equity and Inclusion Office Update • Rules Prioritization
November	<ul style="list-style-type: none"> • Community Perspectives • Community Benefits Fund Update • Community Advisory Council Update • Richmond-North Richmond-San Pablo CERP Update
December	<ul style="list-style-type: none"> • Community Perspectives • James Cary Smith Grants Update

Pending Items: Bay Air Center

COMMUNITY EQUITY, HEALTH AND JUSTICE COMMITTEE MEETING OF 03/03/2022

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
 Memorandum

To: Chairperson Karen Mitchoff and Members
 of the Board of Directors

From: Jack P. Broadbent
 Executive Officer/APCO

Date: March 16, 2022

Re: My Air Online Software Development Contract Extensions

RECOMMENDED ACTION

Staff recommends the Board of Directors authorize the Executive Officer/APCO to execute contract amendments with the following vendors in the amounts listed below:

Table 1 - Recommended Amendments to Vendor Contracts

Vendor	Amount	Service Description
AvantPage	\$8,534	Language translation for public website content.
C&G Technology Services	\$615,832	Software quality assurance and business analyst services for the permitting and compliance system.
Claytablet	\$4,000	Language translation software for transmission, editing and managing content.
Clearsparc	\$898,327	Software development services for the permitting and compliance system.
Cylogy	\$501,704	Website content management system integration, customization, operations and support.
Dell	\$304,431	Microsoft value added reseller of Azure cloud infrastructure services.
Farallon Geographics	\$180,258	Geospatial software development and data management.

ITDependz	\$130,239	Software development, business analysis and design services for the permitting and compliance system.
Malinda Lai	\$78,997	Website content management system and infrastructure support.
Salesforce	\$114,109	Salesforce acquired ExactTarget automation and analytics software for email, mobile and online communications and rebranded as Marketing Cloud.
Support Focus	\$234,344	Data extract, transform and load services for legacy systems.
TOTAL	\$3,070,775	

BACKGROUND

The My Air Online Office is composed of the permitting and compliance system, online services and unified digital payment process. These systems and services abide by a continuous improvement process whereby functionality is maintained while new features are implemented to meet evolving business requirements. In order to continue to support system improvements, staff plans to focus on the following activities for the remainder of Fiscal Year End (FYE) 2022:

- Facility device input forms
- Customer invitation letter during Permit Renewals
- Small facility bank credits
- Enforcement reports
- Inspector area assignment
- Radio telephone operator (Dispatch)
- Complaint Investigation
- Event notifications
- Bay area clean air foundation website
- Web content management system upgrade

Staff recommends the continued use of software and professional services providers proven familiar with Air District systems. The Air District has successfully collaborated with Cylogy in the design, development and website content management system in prior technical engagements. The Air District has also successfully collaborated with C&G Technology Services, Clearsparc, Inc., ITDependz, and Support Focus in prior design, software development and quality assurance engagements. In addition, the District has successfully invested in software customization and integration with Salesforce and Microsoft Azure cloud services (via Dell). These vendors were previously selected through an RFP or RFQ process described below:

Table 2 - Vendor Contracts and Procurement Methods

Vendor	Contract	Procurement Method
Avantpage	FYE 2015	Selected the firm and resources through a formal bid process via RFP.
C&G Technology Services	FYE 2020	Request for Qualifications process in collaboration with the Districts Business Services Division.
Claytablet	FYE 2015	Through an industry analysis and an informal bid process, staff determined that only ClayTablet provides the services necessary to meet needs of the Air District. Single Source Memo.
Clearsparc	FYE 2020	Request for Qualifications process in collaboration with the Districts Business Services Division.
Cylogy	FYE 2020	Request for Qualifications process in collaboration with the Districts Business Services Division.
Dell	FYE 2020	Request for Quotations process in collaboration with Information and Business Services Division.
Farallon Geographics	FYE 2011	New Request for Qualifications (RFQ) was done in FYE 2018.
ITDependz	FYE 2020	Request for Qualifications process in conjunction with the Districts Business Services Division.
Malinda Lai	FYE 2006	Procurement occurred prior to the tenure of the web current team.
Salesforce	FYE 2012	Product was selected through an industry analysis and informal bid process. Staff considered services from three

		different vendors and determined that only the Salesforce / ExactTarget product was able to meet needs of the Air District.
Sitecore	FYE 2019	Request for Qualifications process in conjunction with the Districts Business Services Division.
Support Focus	FYE 2020	Request for Qualifications process in conjunction with the Districts Business Services Division.

DISCUSSION

Staff recommends the continued use of software and professional services providers proven familiar with Air District systems. The Air District has successfully collaborated with Cylogy in the design, development and website content management system in prior technical engagements. The Air District has also successfully collaborated with C&G Technology Services, Clearsparc, Inc., ITDependz, and Support Focus in prior design, software development and quality assurance engagements. In addition, the District has successfully invested in software customization and integration with Salesforce and Microsoft Azure cloud services (via Dell).

BUDGET CONSIDERATION/FINANCIAL IMPACT

Funds for the contract recommendations are included in 725, 309 and 125 program budgets for FYE 2022.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Blair L. Adams, Joy Chen and Anja Page
Reviewed by: Jeff McKay

ATTACHMENTS:

None

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
Memorandum

To: Chairperson Karen Mitchoff and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: March 16, 2022

Re: Introduction to a Hybrid Board Meeting Environment

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

Assembly Bill (AB) 361 originally signed in September 2021, extends the flexibility provided in a prior executive order enabling public agencies to meet remotely and waives notice requirements during the COVID-19 State of Emergency through March 31, 2022.

Beginning at the expiration of the current emergency order (March 31, 2022), the Air District will implement hybrid Committee and Board Meetings. Hybrid Brown Act meetings will allow for both remote and in-person attendance, so the increased public participation achieved in remote meetings will continue. Board members who opt to attend hybrid meetings will need to comply with Brown Act requirements, including noticing the remote location in which they will participate.

DISCUSSION

During Brown Act hybrid meetings:

- Board members, Air District staff and members of the public may attend in person or remotely by the remote meeting platform or by phone;
- To protect the health and safety of persons attending in person, contactless visitor registration that includes a symptom check/health screen will be required, along with socially distanced capacity limits, face coverings, and enhanced cleaning; and
- Board members will have full remote access to Air District staff.

Beginning at the expiration of the emergency order (March 31, 2022), Board members that choose to attend remotely or by phone will be required to provide a public notice of their remote location so that the public may access those locations. Air District staff is requesting that Board members provide their public office locations to the Executive Support Office so those addresses may be noticed. These locations need to be made available to the public during the meeting to allow the public to attend the meeting from the noticed location, even if the Board Member chooses to attend the meeting in person. This will provide the Board members with maximum flexibility and will provide locations for the public to view and attend hybrid Brown Act meetings.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Rex Sanders
Reviewed by: Jack P. Broadbent

ATTACHMENTS:

None