

Agenda Worksheet

Submit completed worksheet to:
Siskiyou County Clerk, 311 Fourth St., Rm 201, Yreka, CA 96097

Regular Time Requested: 2-3 min Meeting Date: July 9, 2024

3A

OR

Consent

Contact Person/Department: Air Pollution Control District Governing Board Phone: 530-842-8084

Address: 311 Fourth Street, Room 201 Yreka CA 96097

Person Appearing/Title: _____

Subject/Summary of Issue:

Election of Chair and Vice Chair for 2024.

Financial Impact:

NO Describe why no financial impact:

YES Describe impact by indicating amount budgeted and funding source below

Amount: _____

Fund: _____ Description: _____ Org.: _____ Description: _____

Account: _____ Description: _____

Activity Code: _____ Description: _____

Local Preference: YES NO

For Contracts – Explain how vendor was selected:

Additional Information:

Recommended Motion:

Action to elect a Chair and Vice Chair for the Air Pollution Control District Board for 2024.

Reviewed as recommended by policy:

County Counsel _____

Auditor _____

Personnel _____

CAO _____

Special Requests:

Certified Minute Order(s) _____ Quantity: _____

Other: _____

NOTE: For consideration for placement on the agenda, the original agenda worksheet and backup material must be submitted directly to the Board Clerk (after reviewing signatures have been obtained) by 10:00 a.m. on the Monday the week prior to the Board Meeting.

Agenda Worksheet

Submit completed worksheet to:
Siskiyou County Clerk, 311 Fourth St., Rm 201, Yreka, CA 96097

Regular Time Requested: 15 min Meeting Date: 7/9/24 SA

OR

Consent

Contact Person/Department: Dian Collier/ Air Pollution Phone: 841-4111

Address: 525 S Foothill Dr

Person Appearing/Title: Jim Smith/APCO

Subject/Summary of Issue:

Report on air monitoring at Copco Lake from Klamath River Dam removal

Financial Impact:

NO Describe why no financial impact: Report only

YES Describe impact by indicating amount budgeted and funding source below

Amount: _____

Fund: _____ Description: _____ Org.: _____ Description: _____

Account: _____ Description: _____

Activity Code: _____ Description: _____

Local Preference: YES NO

For Contracts – Explain how vendor was selected:

Additional Information:

Recommended Motion:

No recommended motions

Reviewed as recommended by policy:

County Counsel _____

Auditor _____

Personnel _____

CAO _____

Special Requests:

Certified Minute Order(s) _____ Quantity: _____

Other: _____

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Memorandum

DATE: June 26, 2024
TO: The Siskiyou County Board of Supervisors
FROM: Chelsea Murphy, CKM Environmental
SUBJECT: Klamath Dam Removal Project – Air Quality Sampling Results

I. INTRODUCTION AND BACKGROUND

The Clean Air Act requires the EPA to set National Ambient Air Quality Standards (NAAQS) for particulate matter (PM) and five other pollutants considered harmful to public health. The standard specifies the maximum concentrations and duration of PM present in outdoor air before potential health risks arise. The microscopic particle size gives the ability of the pollutant to enter the body's respiratory system. The larger particle sized PM 10 may be filtered out in the nose and throat, while the smaller PM 2.5 is able to bypass and penetrate deeper into the lungs, resulting in more serious health effects. Sources of PM include dust from construction sites, landfills and agriculture, wildfires and brush/waste burning, industrial sources, wind-blown dust from open lands, pollen and fragments of bacteria. To aid the public in easily identifying the air quality at a glance, the Air Quality Index (AQI) was developed. The AQI is a color-coded scale that ranges from 0 to 500, with higher numbers indicating greater pollution levels and health risks:

Daily AQI Color	Levels of Concern	Values of Index	Description of Air Quality
Green	Good	0 to 50	Air quality is satisfactory, and air pollution poses little or no risk.
Yellow	Moderate	51 to 100	Air quality is acceptable. However, there may be a risk for some people, particularly those who are unusually sensitive to air pollution.
Orange	Unhealthy for Sensitive Groups	101 to 150	Members of sensitive groups may experience health effects. The general public is less likely to be affected.
Red	Unhealthy	151 to 200	Some members of the general public may experience health effects; members of sensitive groups may experience more serious health effects.
Purple	Very Unhealthy	201 to 300	Health alert: The risk of health effects is increased for everyone.
Maroon	Hazardous	301 and higher	Health warning of emergency conditions: everyone is more likely to be affected.

Memorandum

In response to the Public's concern regarding dust pollution originating from the drawdown at Copco Reservoir, Siskiyou County (County) worked with the Siskiyou County Air Pollution Control District (District) to install PurpleAir sensors that measure airborne PM. These low-cost sensors were installed at three locations spaced out along the Copco community. The PurpleAir air quality sensors collect continuous data which is published online at map.purpleair.com using the AQI color coding. In addition, the County has an embedded map published on the County's Klamath Dam Decommissioning Project here: <https://www.co.siskiyou.ca.us/naturalresources/page/klamath-dam-decommissioning-project>.

While the PurpleAir sensors provide a continuous look at air quality, the strength and accuracy of these monitors is less stringent than other available monitors. Therefore, on loan from the California Air Resources Board (CARB) the District installed an EBAM-Plus air quality monitor at the Copco Community Center. This monitor provides the County with a stringent U.S. Environmental Protection Agency standard for monitoring outdoor air quality, specialty focused on larger PM 10 from windblown dust. PM concentration is measured in micrograms per cubic meter, or $\mu\text{g}/\text{m}^3$. CARB set air-quality standards for PM 10 of 50 $\mu\text{g}/\text{m}^3$ over a 24-hour period and an average of 20 $\mu\text{g}/\text{m}^3$ annually. More restrictive than the EPA standard of 150 $\mu\text{g}/\text{m}^3$ over a 24-hour period and an average of 50 $\mu\text{g}/\text{m}^3$ annually.

As with the PurpleAir sensors, the EBAM-Plus monitors have been collecting continuous air quality data since mid-May 2024. This memo outlines the sampling results, conclusions and next steps associated with the County's air monitoring efforts.

II. SAMPLING RESULTS

Since the installation of the PurpleAir sensors in March, air quality has remained relatively consistent, with most of the data indicating that the air quality around Copco Reservoir is adequate. Currently the data collected from the EBAM-Plus monitors spans from May 17th to June 18th, 2024. Figures 1 and 2 show the 24-hour average of PM₁₀ concentrations. This is a small data sample, however, within this window the 24-hour average standard set by CARB has not been exceeded.

III. CONCLUSIONS & NEXT STEPS

The District and County will continue to monitor the air, gather data and be mindful of public health concerns in and around the changing situation of the KRRC dam removal project. We will continue to update the public via the County's Klamath Dam Removal website (PurpleAir sensors) and through memos such as this.

Memorandum

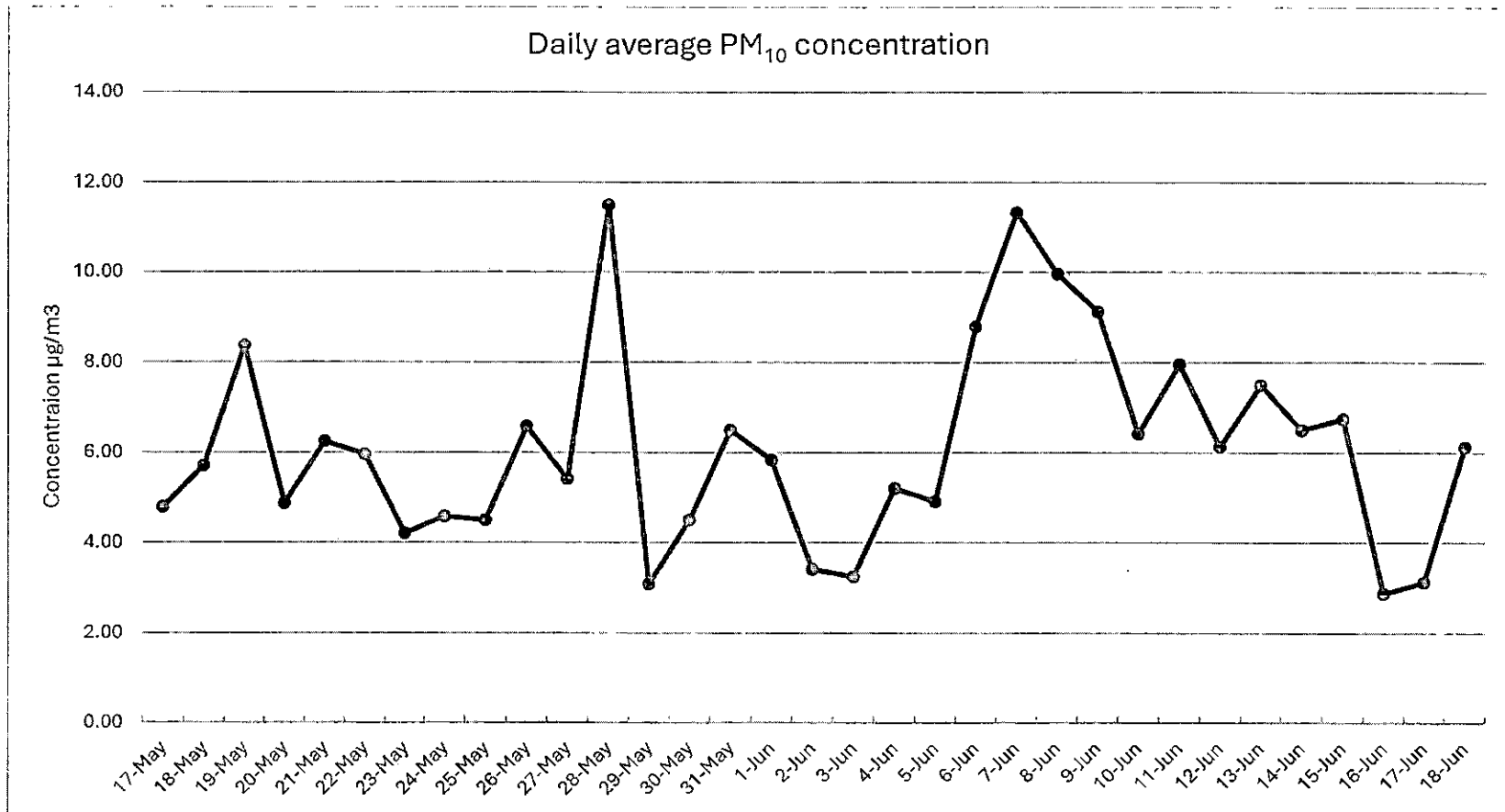


Figure 1. EBAM-Plus Air Quality Monitoring, Particulate Matter Average Daily Concentration

Memorandum

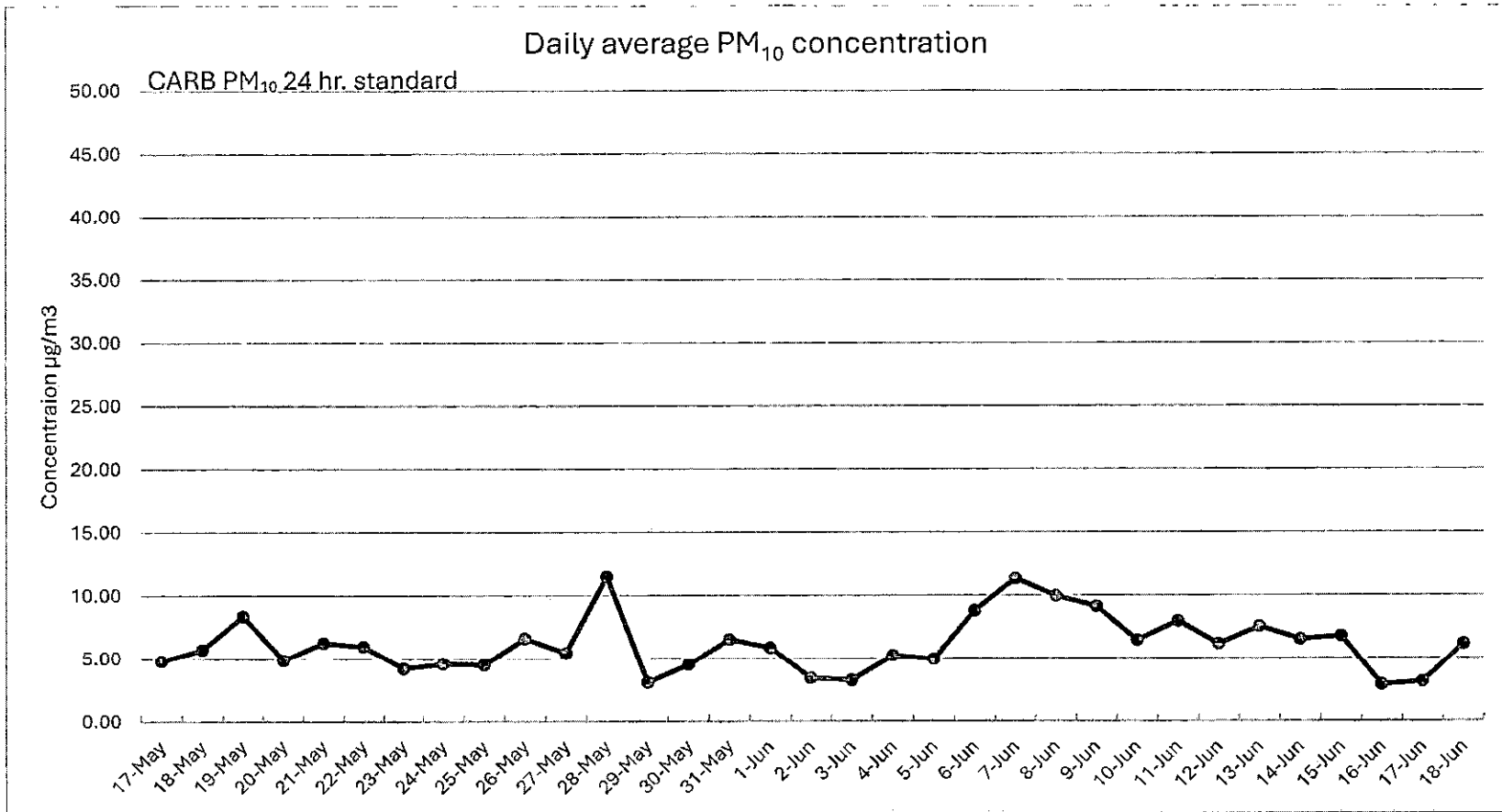


Figure 2. EBAM-Plus Air Quality Monitoring, Particulate Matter Average Daily Concentration Compared to CARB Standard

Agenda Worksheet

Submit completed worksheet to:
Siskiyou County Clerk, 311 Fourth St., Rm 201, Yreka, CA 96097

Regular Time Requested: 5 min Meeting Date: July 9, 2024

OR

Consent

Contact Person/Department: County Clerk Phone: 530-842-8084

Address: 311 Fourth Street, Room 201 Yreka CA 96097

Person Appearing/Title: Laura Bynum, County Clerk

Subject/Summary of Issue:

Appointment of five members to the scheduled vacancies on the Air Pollution Control District Hearing Board for Medical, Engineer and Attorney representatives and two General Public representatives with terms ending January 1, 2027; January 19, 2027; January 28, 2027 and March 16, 2026, respectively. The Notice of Vacancy was posted at the Clerk's Office, Siskiyou County Government Center, Library branches, County website and a press release was sent to local newspapers and the County's PIO.

Members of the APCDHB must file a Conflict of Interest Form (Form 700) when assuming office and annually. The APCDHB meets as needed to review air quality issues within the County, may grant a permit denied by the Air Pollution Control Office (APCO), continue suspension of a permit suspended by the APCD, remove suspension of a permit invoked by the APCD, find that no violation exists and reinstate an existing permit, revoke an existing permit, grant or deny a variance from the requirements of the APCO, grant or deny an order for abatement of violation of any rule limiting discharge of air contaminants.

At the time the agenda worksheet was prepared the Clerk's Office received a letter of interest in serving on the APCDHB from Holly Lenz.

Financial Impact:

NO Describe why no financial impact:

YES Describe impact by indicating amount budgeted and funding source below

Amount: _____

Fund: _____ Description: _____ Org.: _____ Description: _____

Account: _____ Description: _____

Activity Code: _____ Description: _____

Local Preference: YES NO

For Contracts – Explain how vendor was selected:

Additional Information:

Recommended Motion:

Appoint five members to the scheduled vacancies on the Air Pollution Control District Hearing Board for Medical, Engineer and Attorney representatives and two General Public representatives with terms ending January 1, 2027; January 19, 2027; January 28, 2027 and March 16, 2026, respectively.

Reviewed as recommended by policy:

County Counsel _____

Auditor _____

Personnel _____

CAO _____

Special Requests:

Certified Minute Order(s) Quantity: _____

Other: _____

NOTE: For consideration for placement on the agenda, the original agenda worksheet and backup material must be submitted directly to the Board Clerk (after reviewing signatures have been obtained) by 10:00 a.m. on the Monday the week prior to the Board Meeting.

**Office of the Clerk, Board of Supervisors
County of Siskiyou
Notice of Scheduled Vacancy on
Board, Commission or Committee**

Notice is Hereby Given that there are five scheduled vacancies on the Air Pollution Control District Hearing Board for Medical, Engineer and Attorney representatives and two General Public representatives with terms ending January 1, 2027; January 19, 2027; January 28, 2027; and March 16, 2026, respectively.

For further information, please contact the Clerk of the Board of Supervisors, 311 Fourth Street, Room 201, Yreka, CA 96097; telephone (530) 842-8084, or toll free 1.888.854.2000 ext. 8084.

I, Laura Bynum, Clerk of the Board of Supervisors of the County of Siskiyou, State of California, hereby certify that the above Notice of Scheduled Vacancy was posted on February 22, 2024.

Laura Bynum, County Clerk and
ex-officio Clerk of the Board of Supervisors
in and for the County of Siskiyou

By: s:/ Wendy Winningham, Deputy

Vacancy(ies)	VACANT Medical, Engineer, Attorney, General Public (2)
Anticipated Appointment Date	After April 1, 2024



County of Siskiyou

Laura Bynum, County Clerk-Registrar of Voters

311 Fourth Street, Room 201

Yreka, CA 96097

Press Release

For Immediate Release

DATE: February 22, 2024

Laura Bynum, Siskiyou County Clerk announces that there are five scheduled vacancies on the Air Pollution Control District Hearing Board, for the positions of Medical, Engineer, Attorney and two General Public representatives, for terms ending January 1, 2027; January 19, 2027; January 28, 2027 and March 16, 2026.

Members of APCDHB must file a Conflict of Interest Form (Form 700) when assuming office and annually. The APCDHB meets as needed to review air quality issues within the County. The APCDHB may grant a permit denied by the Air Pollution Control Officer (APCO), continue suspension of a permit suspended by the APCO, remove suspension of a permit invoked by the APCO, find that no violation exists and reinstate an existing permit, revoke an existing permit, grant or deny a variance from the requirements of the APCO, grant or deny an order for abatement of violation of any rule limiting discharge of air contaminants.

If you are interested in further information regarding the Air Pollution Control District Hearing Board vacancies, please contact the County Clerk's Office at 842-8084, or toll free at 1-888-854-2000, ext. 8084.

If you are interested in serving on the Air Pollution Control District Hearing Board, please send a letter of interest to the Siskiyou County Air Pollution Control District C/O Siskiyou County Clerk, 311 Fourth Street, Room 201, Yreka CA 96097, no later than March 26, 2024.

County Clerk
(530) 842-8084

Board of Supervisors
(530) 842-8081

Elections
(530) 842-8086

Fax
(530) 841-4110

Website
www.sisqvotes.org

Affidavit of Posting Notice

State of California)

County of Siskiyou)

I, Wendy Winningham, hereby certify that on the 22nd day of February, 2024, I did post the NOTICE OF VACANCY for the Air Pollution Control District Hearing Board, five scheduled vacancies at the following locations:

1. Siskiyou County Government Center – 3 bulletin boards
2. Siskiyou County's website
3. Press release sent to the Siskiyou Daily and Southern Siskiyou News (via Redding Record Searchlight), Yrekanews.com, Siskiyounews, Ali Kutzer (County's PIO)
4. Copy to the Siskiyou County Libraries for posting
5. Sent for posting at the Air Pollution Office

I declare under penalty of perjury that the foregoing is true and correct.

Dated at Yreka, California, this 28th day of June, 2024.

Laura Bynum, County Clerk and Ex-Officio
Clerk of the Board of Supervisors of the
County of Siskiyou

By: s:/ Wendy Winningham, Deputy

RECEIVED

FEB 29 2024

SISKIYOU COUNTY
CLERK'S OFFICE

2/26/2024

Wendy Winningham
Clerk of the Board of Supervisors
311 Fourth Street, Room 201
Yreka, CA 96097

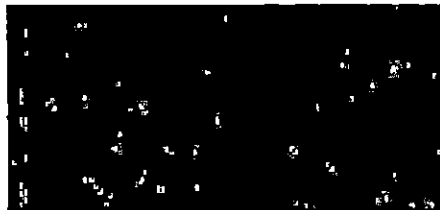
- Dear Ms. Winningham,

In response to our phone call last week, I am submitting my request for a vacancy position on the Air Pollution Control Hearing Board.

I have a Ph.D. in public health. I have worked as a consultant in air pollution for the EPA, region 10. I also served as air quality manager on the Shoshone/Bannock reservation in Fort Hall, Idaho. I currently work as an adjunct faculty member for South University's online graduate public health program, where I teach environmental health. I also provided several new, peer-reviewed research papers on health effects from wildfire smoke to the lawyers handling the recent Mill Fire in Weed.

My contact information is:

Dr. Holly Lenz



I would appreciate the chance to serve my community on the Air Pollution Control Hearing Board as the medical or general public representative.

Regards,


Holly Lenz

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State of California, County of Siskiyou

Air Pollution Control District Minutes, December 5, 2023

The Honorable Directors of the Air Pollution Control District Board of Siskiyou County, California, met in special session this 5th day of December 2023; there being present Directors Ray Haupt, Ed Valenzuela, Brandon Criss, Takeshi Murakami, and Julianna Lucchesi, Deputy District Counsel Dana Barton and County Clerk and ex-Officio Clerk of the Air Pollution Control District Laura Bynum by Deputy County Clerk Wendy Winningham. Director Michael N. Kobseff was absent.

The meeting was called to order by Chair Lucchesi. Chair Lucchesi led in the salute to the flag of the United States of America.

Public Comment

Air Pollution Control Officer James Smith appeared before the Board and provided an update/statistics concerning the Woodsmoke Program that was requested at the previous District Board meeting.

Brief discussion followed between the District Board members and Mr. Smith regarding the processes for those interested in applying for replacement wood stoves and certification of replacement units and the need for additional information regarding certification for home insurance purposes.

Air Pollution – Discussion, direction and possible action re Resolution recognizing and accepting the terms and conditions of the Carl Moyer Grant Program from the California Air Resources Board. Resolution APCD 23-04 adopted.

It was moved by Director Valenzuela, seconded by Director Murakami and carried, following a roll call vote with Directors Haupt, Murakami, Criss, Valenzuela and Lucchesi voting YES and Director Kobseff ABSENT, to approve Resolution APCD 23-04 authorizing the Air District to continue participation in the Carl Moyer Grant Program and accept the funds. Appoint Air Pollution Control Officer as signatory authority for the District to conduct all negotiations, execute, and submit all necessary program documents for this grant and future grants for participation. Authorize the chair to sign the resolution, and authorize the auditor to appropriate budget.

Minute Approval – September 26, 2023. Approved.

It was moved by Director Valenzuela, seconded by Director Haupt and carried, following a roll call vote with Directors Haupt, Murakami, Criss, Valenzuela and Lucchesi voting YES and Director Kobseff ABSENT, to approve the September 26, 2023 minutes as presented.

Adjournment - There being no further business to come before the Air Pollution Control District, the meeting was adjourned.

Attest:

Laura Bynum, County Clerk

Julianna Lucchesi, Chair

By: _____
Deputy

December 5, 2023